

# EMISSION SUMMARY AND DISPERSION MODELLING REPORT



**Environmental Compliance Approval (Air) with Limited Operational  
Flexibility No. 0412-A2LR4V**

**New Gold | Rainy River Mine**

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**CURRENT AS OF December 31, 2023**

March 22, 2024

Project 247201.0014



## TABLE OF CONTENTS

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<b>1. INTRODUCTION</b>	<b>1-1</b>
1.1 Purpose and Scope.....	1-1
1.2 Description of Processes and NAICS Code(s) .....	1-1
1.3 Description of Products and Raw Materials.....	1-2
1.4 Process Flow Diagram.....	1-2
1.5 Operating Schedule.....	1-2
1.6 Facility Production Limit .....	1-2
<b>2. INITIAL IDENTIFICATION OF SOURCES AND CONTAMINANTS</b>	<b>2-1</b>
2.1 Sources and Contaminants Identification Table.....	2-1
<b>3. ASSESSMENT OF THE SIGNIFICANCE OF CONTAMINANTS AND SOURCES</b>	<b>3-1</b>
3.1 Identification of Negligible Sources and Contaminants.....	3-1
3.2 Rationale for Assessment.....	3-1
<b>4. OPERATING CONDITIONS, EMISSION ESTIMATING, AND DATA QUALITY</b>	<b>4-1</b>
4.1 Description Of Operating Conditions.....	4-1
4.2 Explanation Of The Methods Used To Calculate Emission Rates.....	4-1
4.3 Supporting Calculations .....	4-1
4.4 Assessment Of Data Quality .....	4-2
<b>5. SOURCE SUMMARY TABLE AND SITE PLAN</b>	<b>5-1</b>
5.1 Source Summary Table .....	5-1
5.2 Site Plan.....	5-1
<b>6. AIR DISPERSION MODELLING</b>	<b>6-1</b>
6.1 Dispersion Modelling Input Summary Table.....	6-1
6.2 Land Use Zoning Designation Plan and Regional Meteorological Data .....	6-2
6.3 Terrain Data .....	6-2
6.4 Coordinate System.....	6-2
6.5 Building Downwash .....	6-2
6.6 Deposition.....	6-3
6.7 Averaging Time and Conversions .....	6-3
6.8 Area of Modelling Coverage .....	6-3
6.9 Dispersion Modelling Input and Output Files .....	6-3
<b>7. EMISSION SUMMARY TABLE AND CONCLUSIONS</b>	<b>7-1</b>
7.1 Emission Summary Table .....	7-1
7.2 Conclusions.....	7-1
<b>APPENDIX A. SITE PLAN</b>	<b>A</b>
<b>APPENDIX B. PROCESS FLOW DIAGRAM</b>	<b>B</b>
<b>APPENDIX C. SUMMARY TABLES</b>	<b>C</b>
<b>APPENDIX D. AIR DISPERSION MODELLING FILES</b>	<b>D</b>

**APPENDIX E. SUPPORTING CALCULATIONS**

**E**

**APPENDIX F. OTHER SUPPORTING DOCUMENTATION**

**F**

**APPENDIX G ECA & NOTICE LETTER**

**G**

## EXECUTIVE SUMMARY

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This Emission Summary and Dispersion Modelling (ESDM) Report was prepared to fulfill the requirements of Condition 4.1(a) of New Gold's Rainy River Mine (RRM) Amended Environmental Compliance Approval (ECA) No 0412-A2LR4V. The RRM operations are in the southern half of Richardson Township, approximately 50 kilometres (km) northwest of Fort Frances in northwestern Ontario (the Site). This ESDM report has been prepared to show that the Site demonstrates compliance with Ontario Regulation 419/05: Air Pollution – Local Air Quality (the Regulation). In addition, guidance was followed in the Ontario Ministry of Environment, Conservation and Parks (MECP) publication "Procedure for Preparing an Emission Summary and Dispersion Modelling Report, Guideline A-10" Version 4.1 dated March 2018 (ESDM Procedure Document), as appropriate.

The Site operates under the primary NAICS code 21222—Gold and silver ore mining—which is listed as a Schedule 4 Target Sector in the Regulation and, therefore, is required to show compliance with Schedule 3 Standards and Guidelines.

The maximum projected ten (10)-year production rate for the Site is 32,400 tonnes of ore processed per day. The mine is projected to operate until 2028 with the Open Pit being operated until 2025 and Underground operations continuing until 2028. The mine currently employs 850 people with roughly 70% from local districts and just under 30% self-identifying as Indigenous.

The maximum emission rates from the significant sources were calculated in accordance with s.11 of the Regulation and the data quality assessed follows the process outlined in the ESDM Procedure Document.

A point of impingement (POI) concentration for the significant contaminants emitted from the Site was determined based on the estimated emission rates and the output from the approved dispersion model. The results are presented in the Emission Summary Table (EST) in accordance with s.26 of the Regulation.

New Gold is compliant with the Conditions in the ECA and standards in O. Reg. 419/05 as of December 31, 2023.

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Emission Summary Table - 2023**

Contaminant Name	CAS RN	Total Facility Emission Rate (g/s)	Air Dispersion Model Used	Maximum POI Concentration ( $\mu\text{g}/\text{m}^3$ )	Averaging Period (hours)	Ministry POI Limit ( $\mu\text{g}/\text{m}^3$ )	Limiting Effect	Regulation Source	Percentage of Ministry POI Limit
Aluminum	7429-90-5	3.39E-01	AERMOD v.22112	2.17	24	12	Health	SL-JSL	18.10%
Ammonia	7664-41-7	7.54E-02	AERMOD v.22112	0.14	24	100	Health	Standard	0.14%
Arsenic and compounds	7440-38-2	6.78E-04	AERMOD v.22112	0.00	24	0.3	Health	Guideline	1.45%
Barium - total water soluble	7440-39-3	1.56E-03	AERMOD v.22112	0.01	24	10	Health	Guideline	0.10%
Beryllium and Beryllium Compounds	7440-41-7	9.78E-06	AERMOD v.22112	0.000063	24	0.01	Health	Standard	0.63%
Cadmium and Cadmium Compounds	7440-43-9	8.80E-05	AERMOD v.22112	0.000564	24	0.025	Health	Standard	2.26%
Calcium carbonate	471-34-1	2.53E-01	AERMOD v.22112	1.62	24	15	Health & Particulate	SL-JSL	10.80%
Carbon monoxide	630-08-0	1.87E+01	AERMOD v.22112	1554.42	0.5	6000	Health	Standard	25.91%
Cesium	7440-46-2	3.57E-05	AERMOD v.22112	0.00	24	0.000231	NA	Max GLC <sup>1</sup>	<MAX GLC
Chromium compounds (metallic, divalent and trivalent forms)	7440-47-3	1.78E-03	AERMOD v.22112	0.01	24	0.5	Health	Standard	2.29%
Cobalt	7440-48-4	2.15E-04	AERMOD v.22112	0.00	24	0.1	Health	Guideline	1.38%
Copper sulphate	7758-99-8	6.00E-03	AERMOD v.22112	0.01	24	0.5	Health	SL-JSL	2.10%
Gallium	7440-55-3	4.89E-05	AERMOD v.22112	0.00	24	0.000316	NA	Max GLC <sup>1</sup>	<MAX GLC
Hydrogen cyanide	74-90-8	2.20E-01	AERMOD v.22112	0.79	24	8	Health	Standard	9.90%
Iron (metallic)	7439-89-6	4.07E-01	AERMOD v.22112	2.61	24	4	Health & Soiling	Standard	65.26%
Lanthanum	7439-91-0	2.25E-04	AERMOD v.22112	0.00	24	0.00146	NA	Max GLC <sup>1</sup>	<MAX GLC
Lead and Lead Compounds	7439-92-1	1.06E-03	AERMOD v.22112	0.01	24	0.5	Health	Standard	1.36%
Lead and Lead Compounds	7439-92-1	1.06E-03	AERMOD v.22112	0.00	720	0.2	Health	Standard	0.61%
Magnesium	7439-95-4	1.39E-01	AERMOD v.22112	0.89	24	72	Health	SL-MD	1.24%
Manganese and manganese compounds	7439-96-5	7.43E-03	AERMOD v.22112	0.05	24	0.4	Health	Standard	12.61%
Nickel and nickel compounds	7440-02-0	5.62E-04	AERMOD v.22112	0.00021	8760	0.04	Health	Standard	0.52%
Nitrogen oxides	10102-44-0	3.11E+00	AERMOD v.22112	6.18	24	200	Health	Standard	3.09%
Nitrogen oxides	10102-44-0	6.24E+00	AERMOD v.22112	171.15	1	400	Health	Standard	42.79%
Phosphorus	7723-14-0	3.91E-03	AERMOD v.22112	0.03	24	0.5	Health	SL-MD	5.01%

# Emission Summary and Dispersion Modelling Report

## New Gold - Rainy River Mine

### Emission Summary Table - 2023

Potassium	7440-09-7	9.44E-02	AERMOD v.22112	0.60	24	10	Health	SL-MD	6.05%
Rhenium	7440-15-5	2.44E-05	AERMOD v.22112	0.00	24	0.000158	NA	Max GLC <sup>1</sup>	<MAX GLC
Scandium	7440-20-2	8.80E-05	AERMOD v.22112	0.00	24	0.000569	NA	Max GLC <sup>1</sup>	<MAX GLC
Silica (<10 µm diameter)	14808-60-7	1.33E-01	AERMOD v.22112	0.69	24	5	Health	Guideline	13.87%
Sodium	7440-23-5	1.56E-02	AERMOD v.22112	0.10	24	0.101	NA	Max GLC <sup>1</sup>	<MAX GLC
Sulphur dioxide	7446-09-5	1.98E+00	AERMOD v.22112	88.46	1	100	Health & Vegetation	Standard	88.46%
Sulphur dioxide	7446-09-5	1.43E+00	AERMOD v.22112	0.24	8760	10	Health & Vegetation	Standard	2.43%
Suspended particulate matter	N/A-TSP	1.35E+01	AERMOD v.22112	91.58	24	120	Visibility	Standard	76.32%
Thorium	7440-29-1	9.78E-05	AERMOD v.22112	0.0006	24	0.000633	NA	Max GLC <sup>1</sup>	<MAX GLC
Titanium	7440-32-6	2.05E-02	AERMOD v.22112	0.13	24	120	Particulate	Standard	0.11%
Uranium and Uranium Compounds - U in PM10	7440-61-1	9.78E-05	AERMOD v.22112	0.00004	8760	0.03	Health	Standard	0.12%
Vanadium	7440-62-2	7.82E-04	AERMOD v.22112	0.01	24	2	Health	Standard	0.25%
Zinc	7440-66-6	0.00E+00	AERMOD v.22112	0.08	24	120	Particulate	Standard	0.07%
Zirconium	7440-67-7	1.25E-02	AERMOD v.22112	0.08	24	25	Health	SL-JSL	0.32%

<sup>1</sup> Note: Site specific Max GLC per 2021 submission to MECP

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Table 4: Schedule 6 Upper Risk Threshold (URT)**

This table lists the URTs as set out in Schedule 6 of O. Reg. 419/05.

<b>Contaminant</b>	<b>CASRN</b>	<b>24hr URT (<math>\mu\text{g}/\text{m}^3</math>) unless otherwise noted</b>	<b>POI Modelled Concentration (<math>\mu\text{g}/\text{m}^3</math>)</b>	<b>Percentage of URT Concentration %</b>
Ammonia	7664-41-7	1,000	0.1418	0.01%
Cadmium (and Cadmium Compounds)	7440-43-9	0.25	0.0006	0.23%
Chromium compounds (metallic, divalent and trivalent forms)	7440-47-3	5	0.0114	0.23%
Hydrogen cyanide	74-90-8	80	0.7922	0.99%
Lead (and Lead compounds)	7439-92-1	2	0.0068	0.34%
Manganese and Manganese compounds	7439-96-5	4	0.0505	1.26%
Nickel and Nickel Compounds	7440-02-0	2	0.0036	0.18%
Sulphur dioxide (Effective date January 1, 2019)	7446-09-5	690	88.4575	12.82%
Uranium and uranium compounds	7440-61-1	2	0.0006	0.04%

<sup>1</sup> Sulphur dioxide's averaging period for URT is 1-hour

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Modelling Assessment Values**

This table lists assessment values for contaminants with annual air standards to use with modelling. See the MOECC Technical Bulletin for guidance.

Technical bulletin: Using assessment values for contaminants with annual air standards

<b>Contaminant</b>	<b>CASRN</b>	<b>POI Modelled Concentration (µg/m<sup>3</sup>)</b>	<b>Annual Standard (µg/m<sup>3</sup>)</b>	<b>Percentage of Annual Standard %</b>	<b>Annual Assessment Value (AAV) (µg/m<sup>3</sup>)</b>	<b>Percentage of AAV Concentration %</b>	<b>24-Hour POI Modelled Concentration (µg/m<sup>3</sup>)</b>	<b>URT* / Daily Assessment Value (DAV) (µg/m<sup>3</sup>)</b>	<b>Percentage of DAV/URT Concentration %</b>
Nickel and Nickel Compounds	7440-02-0	2.09E-04	0.04	0.5%	0.4	5.22E-04	3.60E-03	2	0.18%
Uranium and Uranium compounds	7440-61-1	3.63E-05	0.03	0.1%	0.15	0.02%	6.27E-04	1.5	0.04%

\*URT = Upper Risk Threshold



**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Monitoring Assessment Values**

This table lists examples of assessment values for contaminants with annual air standards to use with monitoring. See the MOECC Technical Bulletin for guidance.

Technical bulletin: Using assessment values for contaminants with annual air standards

It should be noted that assessment values for monitoring are calculated by using the conversion-factor set out in subsection 17(3) of O. Reg. 419/05.

These values for monitoring could be based on any averaging period as the monitoring data available dictates the assessment value applied.

<b>Contaminant</b>	<b>CAS RN</b>	<b>24-Hour POI Concentration (µg/m<sup>3</sup>)</b>	<b>24-Hour Averaging Time (µg/m<sup>3</sup>)</b>	<b>Percentage of 24-Hour Assessment Concentration %</b>	<b>1-Hour POI Concentration (µg/m<sup>3</sup>)</b>	<b>1-Hour Averaging Time (µg/m<sup>3</sup>)</b>	<b>Percentage of 1-Hour Assessment Concentration %</b>
Nickel and Nickel Compounds	7440-02-0	3.60E-03	0.2	1.8%	2.63E-02	0.5	5.3%
Uranium and Uranium compounds	7440-61-1	6.27E-04	0.15	0.4%	4.58E-03	0.375	1.2%

**New Gold - Rainy River Mine**  
**AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL NUMBER 0412-A2LR4V Issue Date: September 24, 2015**  
**ESDM/AAR Modifications Log**

<b>Modification</b>	<b>Date Changed</b>	<b>Description of Change</b>	<b>Emission Summary and Dispersion Modelling Report and Acoustic Assessment Report Changes</b>
AERMOD and ACB list April 2023 version	2023	<ul style="list-style-type: none"> <li>- Updated ACB list to April 2023 version</li> <li>- Ran AERMOD using v221122</li> </ul>	The ESDM calculations and model has been updated accordingly
AERMOD updates and adding sources as per information received in Dec 2023	2024	<ul style="list-style-type: none"> <li>- Updating Sources</li> <li>- Ran AERMOD as per added sources</li> <li>- Updated ESDM Calculations for Waste Water Treatment Plant and Assay Labs</li> <li>- Removed Source ID's Creek Fill, E. OutCrush, E. OutScreen, EOC, LD4, OC1</li> </ul>	The ESDM calculations and model has been updated accordingly

# 1. INTRODUCTION

## 1.1 Purpose and Scope

This Emission Summary and Dispersion Modelling (ESDM) Report was prepared to fulfill the requirements of Condition 4.1(a) of New Gold's Rainy River Mine (RRM) Amended Environmental Compliance Approval (ECA) No 0412-A2LR4V. The RRM operations are in the southern half of Richardson Township, approximately 50 kilometres (km) northwest of Fort Frances in northwestern Ontario (the Site). This ESDM report has been prepared to show that the Site demonstrates compliance with *Ontario Regulation 419/05: Air Pollution – Local Air Quality* (the Regulation). In addition, guidance was followed in the Ontario Ministry of Environment, Conservation and Parks (MECP) publication "Procedure for Preparing an Emission Summary and Dispersion Modelling Report, Guideline A-10" Version 4.1 dated March 2018 (ESDM Procedure Document), as appropriate.

The Rainy River Mine (RRM) began processing ore on September 14, 2017 and completed its first gold pour on October 5, 2017. Commercial production began on October 19, 2017. Development of the underground mine began in the second half of 2018. The Site and surrounding lands are predominately privately held, with New Gold holding a considerable private land package. New Gold has been exploring the property since 2015 when it was purchased from Rainy River Resources and is now operating an open pit mine, underground gold mine, and milling complex on the site.

The site plan zoning plan is provided in **Appendix A**. A copy of the ECA is provided in **Appendix G**.

## 1.2 Description of Processes and NAICS Code(s)

Drilling, blasting, and material movement occur at the open pit and underground mine. Mined ore is transported to the processing plant for gold extraction using the carbon-in-pulp (CIP) extraction process. The main processes at the Site include the following:

- ▶ Open pit and underground mine;
- ▶ Ore processing plant with primary crusher;
- ▶ Maintenance shop, warehouse, and administration complex;
- ▶ Explosives manufacturing and storage facilities;
- ▶ Stockpiles (overburden, low-grade ore, and mine rock);
- ▶ Aggregate extraction;
- ▶ Tailings management area (TMA);
- ▶ Onsite access roads and pipelines, power infrastructure and fuel storage facilities;
- ▶ Domestic and industrial waste handling;
- ▶ Assay labs and associated dust collectors;
- ▶ Wastewater Treatment Plant;
- ▶ Water management facilities and drainage works, including watercourse diversions; and
- ▶ Transmission line.

The maximum projected ten (10)-year production rate for the Site is 32,400 tonnes of ore processed per day. The mine is projected to operate until 2028 with the Open Pit being operated until 2025 and Underground operations continuing until 2028. The mine currently employs 850 people with roughly 70% from local districts and just under 30% self-identifying as Indigenous.

The Site operates under the primary NAICS code 21222 - Gold and silver ore mining, which is listed in Schedule 4 Target Sector and therefore is required to show compliance with Schedule 3 Standards and Guidelines.

### **1.3 Description of Products and Raw Materials**

New Gold operates an open pit, underground gold mine, and ore processing designed to produce 325,000 ounces of gold annually.

### **1.4 Process Flow Diagram**

The process flow diagram for the operations is included in **Appendix B**.

### **1.5 Operating Schedule**

The Site operates 24 hours per day (h/d), seven (7) days per week (d/wk).

### **1.6 Facility Production Limit**

The maximum ore throughput is 9,855 kilotonnes (kt) per year. To achieve the annual production rate, daily ore processing rates vary due to scheduled maintenance activities but do not exceed 32,400 tonnes per day.

## 2. INITIAL IDENTIFICATION OF SOURCES AND CONTAMINANTS

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### 2.1 Sources and Contaminants Identification Table

All emission sources at the Site, and the expected contaminants emitted from each source, are identified in **Appendix C**. Each of the identified sources has been assigned a source reference number (Source ID). This table provides the information required by sub-paragraphs 2 to 4 of s.26(1) of the Regulation.

The location of the discharges from each significant source is presented in the Dispersion Modelling Plan in **Appendix D**. The location of each source is specified with the source reference number. Only significant sources were modelled and, therefore, only significant sources are represented.

### 3. ASSESSMENT OF THE SIGNIFICANCE OF CONTAMINANTS AND SOURCES

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In accordance with s.8 of the Regulation, emission rate calculations and dispersion modelling do not have to be performed for emissions from negligible sources or for the emission of negligible contaminants from significant sources.

Below is an explanation for each source and contaminant identified as negligible in the Sources and Contaminants Identification Table, as required by subparagraph 5 of s.26(1) of the Regulation.

#### 3.1 Identification of Negligible Sources and Contaminants

Of the sources listed in the Sources and Contaminants Identification Table provided in **Appendix C**, some sources have been identified as insignificant. As required by paragraph 3 of s.26(1) of the Regulation, an explanation of how it was determined that each source of contaminant discharges a negligible amount of the contaminant is provided.

For example, maintenance welding emissions are exempt pursuant to Table B-3 of the ESDM Procedure Document. Only the sources identified as significant were included in the dispersion modelling for the site. Negligible emission calculations are provided in **Appendix E**.

#### 3.2 Rationale for Assessment

For each source or contaminant listed in **Appendix C** that has been identified as negligible, there is an accompanying documented rationale. For example, the rationale for deeming natural gas-fired combustion equipment as negligible is listed in Table B-3 of the ESDM Procedure Document. The technical information required to substantiate the argument that each of the identified sources is negligible is presented in **Appendix E**.

Only significant contaminants were assessed in the AERMOD model.

## 4. OPERATING CONDITIONS, EMISSION ESTIMATING, AND DATA QUALITY

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This section provides a description of the operating conditions used in the calculation of the emission estimates and an assessment of the data quality of the emission estimates for each contaminant from the Site as required by sub paragraphs 6 and 7 of s.26(1) of the Regulation. In accordance with s.8 of the Regulation, emission rate calculations and dispersion modelling do not have to be performed for emissions from negligible sources or for the emission of negligible contaminants from significant sources.

### 4.1 Description Of Operating Conditions

Paragraph 1 of subsection 10(1) of the Regulation states that the approved dispersion model must be used with operating conditions that result in the maximum point of impingement (POI) concentration for each significant contaminant, according to the averaging period for the relevant MECP POI Limit corresponding to that contaminant. The operating condition that corresponds to the maximum POI concentration may occur when the Site is operating at its maximum production level, at a lower production level, or when processes are in transition.

In preparing this ESDM Report, all operating scenarios for all the significant sources were assessed for the contaminants that are relevant to the current process operations. For each significant contaminant, and according to the averaging period for the relevant POI Limit corresponding to that contaminant, the operating scenario used that results in the maximum POI concentration is the scenario where all significant sources are operating simultaneously at their individual maximum rates of production.

In accordance with paragraph 6 of s.26(1) of the Regulation, **Appendix E** includes a description of the operating conditions for each contaminant that is emitted in significant amounts. Also included is a description of the operating conditions of the significant sources that result in the maximum POI concentration for the contaminant, ensuring that the operating conditions correspond to the averaging period of the MECP POI Limit(s).

More detailed operating conditions, emissions estimate, and data quality considerations are provided in **Appendix E**.

### 4.2 Explanation Of The Methods Used To Calculate Emission Rates

The maximum emission rates emitted from the significant sources were calculated in accordance with requirements of the ESDM Procedure Document.

The emission rate for each significant contaminant emitted from a significant source was estimated and is presented in the Source Summary Table in **Appendix C**, along with the methodology for the calculation. Further explanation is provided in **Appendix E**.

### 4.3 Supporting Calculations

The technical rationale necessary to substantiate the emission rates in the Source Summary Table, including sample calculations, is presented in **Appendix E**.

## 4.4 Assessment Of Data Quality

This section provides a description of the assessment of the data quality of the emission estimates for each significant contaminant from the facility, as required by subparagraph 7(iii) of s.26(1) of the Regulation.

As an example, the emissions of natural gas combustion products from comfort heaters were estimated based on the maximum heat input of the equipment and United States Environmental Protection Agency (EPA) AP-42 emission factors. Therefore, the estimated emission rates are not likely to underestimate the actual emissions rates, and the use of these estimated emission rates will likely result in a predicted POI concentration greater than the actual concentration.

For each contaminant, the emission rate was estimated and the data quality for the estimate is documented in the Source Summary Table in **Appendix C**. The assessment of data quality for each source listed in the Source Summary Table is documented in **Appendix E**.



## 5. SOURCE SUMMARY TABLE AND SITE PLAN

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This section provides the table required by sub paragraph 8 and the site plan required by sub paragraph 9 of s.26(1) of the Regulation.

### 5.1 Source Summary Table

The emission rate estimates for all significant contaminants are documented in the Source Summary Table provided in **Appendix C**, in accordance with the requirements of sub paragraph 8 of s.26(1) of the Regulation.

### 5.2 Site Plan

The locations of the emission sources listed in the Source Summary Table are presented in the Dispersion Modelling Plan in **Appendix D**. The location of each of the sources is specified with the source reference number. The location of the property line is indicated with the end points of each section of the property-line clearly referenced using the Universal Transverse Mercator (UTM) coordinate system. The location of each source is referenced in the UTM coordinate system under a column in the Source Summary Table.

## 6. AIR DISPERSION MODELLING

Since February 1, 2020, the Facility has been subject to s.20 of the Regulation. Therefore, the modelled impact of each contaminant is assessed using the U.S. EPA's AERMOD model.

Dispersion modelling is completed in accordance with the Ministry's "Air Dispersion Modelling Guideline for Ontario, Version 3.0" (ADMGO). A general description of the input data used in the dispersion model is provided below and summarized in Table 6-1.

The AERMOD modelling system is one of the approved dispersion models under the Regulation. The model includes the Plume Rise Model Enhancement (PRIME) algorithms for assessing the effects of buildings on air dispersion.

The use of a refined model, such as AERMOD, is necessary when assessing air quality against Schedule 3 standards. It can be used in rural and urban areas, with flat and complex terrain, for surface and elevated releases, and when there are multiple source types (including point, area, and volume sources).

The AERMOD modelling system is made up of the AERMOD dispersion model, the AERMET meteorological pre-processor and the AERMAP terrain pre-processor. The following approved dispersion model and pre-processors are used in the assessment:

- ▶ AERMOD dispersion model version (v.22112);
- ▶ AERMET meteorological pre-processor (v.22112);
- ▶ AERMAP surface pre-processor; and
- ▶ BPIP building downwash pre-processor.

### 6.1 Dispersion Modelling Input Summary Table

The AERMOD (version 22112) dispersion model was used to predict the maximum POI concentrations of substances emitted from the Site at the Site boundary. The dispersion modelling input and output files are attached in **Appendix D**. The Dispersion Modelling Input Summary Table, shown below, describes the dispersion modelling input parameters.

**Table 6-1. Dispersion Modelling Input Summary Table**

Relevant Section of the Regulation	Section Title	Description of How the Approved Dispersion Model was Used
Section 6	Approved Dispersion Models	AERMOD (version 22112)
Section 8	Negligible Sources	Refer to Section 3
Section 9	Same Structure Contamination	Not Applicable
Section 10	Operating Conditions	Refer to Section 4.1
Section 11	Source of Contaminant Emission Rates	Refer to Appendix E
Section 12	Combined Effects of Assumptions for Operating Conditions and Emission Rates	Refer to the Emission Summary Table in Appendix C
Section 13	Meteorological Conditions	Refer to Section 6.2
Section 14	Area of Modelling Coverage	25 km radius

Relevant Section of the Regulation	Section Title	Description of How the Approved Dispersion Model was Used
Section 15	Stack Height for Certain New Sources of Contaminant	Not Applicable
Section 16	Terrain Data	Refer to Section 6.3
Section 17	Averaging Period	Refer to Section

## 6.2 Land Use Zoning Designation Plan and Regional Meteorological Data

The Site is in the southern half of Richardson Township, approximately 50 kilometres (km) northwest of Fort Frances in northwestern Ontario, Canada. Regional population centres, Kenora and Thunder Bay, lie 162 km to the north and 415 km to the east, respectively. Access to the Site is via secondary all-weather roads branching off Trans-Canada Highways 11 and 71. An east-west rail line is located 21 km to the south, populated by several small towns and villages.

The RRM occupies approximately 6,077 hectares, comprising 210 patented mining rights, surface rights, and Crown Lease properties, as well as 1,156 unpatented claims. In addition, New Gold has a land package of approximately 36,762 hectares surrounding the mine site, including patented mining rights and/or surface rights and unpatented claims. Refer to **Appendix A**.

The land use characteristics in the 25 km radius surrounding the Site predominantly consists of rural land uses. Therefore, the meteorological data processed by the MECP using AERMET version 22112 for "RURAL" land use was used for AERMOD dispersion modelling.

Regional pre-processed model ready data for AERMOD was obtained from the MECP website. The "North\_1\_Crops" data set, for the "CROPS" category is the most representative data set for the Site.

The maximum predicted concentration reported is representative from the associated year of meteorological data. For illustration, contour plots are provided in **Appendix D**, which includes the year with the maximum concentration.

All modelling files, including AERMOD input and output files, meteorology files, and terrain data, have been included in **Appendix D** for reference.

## 6.3 Terrain Data

Digital elevation model (DEM) data was obtained from the MECP website and processed using the AERMOD terrain processor, AERMAP. Based on the 25 km radius surrounding the Facility, the 'cdem\_dem\_052D.tif' DEM files were the selected data set.

## 6.4 Coordinate System

The Universal Transverse Mercator (UTM) coordinate system was used to specify model object sources and receptors. All coordinates were defined in the North American Datum of 1983 (NAD83).

## 6.5 Building Downwash

On-site buildings and structures were entered into the model using the US EPA Building Profile Input Program (BPIP).

## 6.6 Deposition

The deposition algorithm in the AERMOD model was not used for this assessment and, therefore, the predicted modelled POI concentrations are conservative.

## 6.7 Averaging Time and Conversions

The contaminant Standards (i.e., Schedule 3) and Guidelines are based on variable averaging periods (often, 24-hours). The AERMOD output was compared directly to the applicable standard and averaging period. Where necessary, the output from the AERMOD model was converted to alternate averaging periods using the methodology given in Table 7-1 of the ESDM Procedure Document.

## 6.8 Area of Modelling Coverage

A tiered receptor grid was defined starting with a rectangular boundary that enclosed all the modelled sources. The receptor spacing is given in **Table 6-2**.

**Table 6-2. Receptor Grid Spacing**

Tier	Distance from Sources of Contaminant	Receptor Spacing
1	At Property Line	10 m
2	Property Line – 200 m	20 m
3	200 m – 500 m	50 m
4	500 m – 1,000 m	100 m
5	1,000 m – 2,000 m	200 m
6	2,000 m – 5,000 m	500 m
7	> 5,000 m	1,000 m

## 6.9 Dispersion Modelling Input and Output Files

The summary of the AERMOD dispersion model inputs and outputs are provided in **Appendix D**.

## 7. EMISSION SUMMARY TABLE AND CONCLUSIONS

---

### 7.1 Emission Summary Table

A POI concentration for the significant contaminants emitted from the Site was calculated based on the emission rates from the significant sources and the output from the approved dispersion model. The results are presented in Emission Summary Table provided in **Appendix C**.

### 7.2 Conclusions

Only the significant sources were assessed with AERMOD after completing the emission threshold determination.

The maximum emission rates from the significant sources were calculated in accordance with s.11 of the Regulation, and the data quality assessment follows the process outlined in the ESDM Procedure Document.

A POI concentration for each significant contaminant emitted from the Site was determined based on the calculated emission rates and the output from the approved dispersion model. The results are presented in the Emission Summary Table in **Appendix C** in accordance with s.26 of the Regulation. The results indicate the Facility complies with the Standards and Guidelines in the Regulation.

## APPENDIX A. SITE PLAN

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416000 418000 420000 422000 424000 426000 428000 430000 432000

5416000  
5414000  
5412000  
5410000  
5408000  
5406000

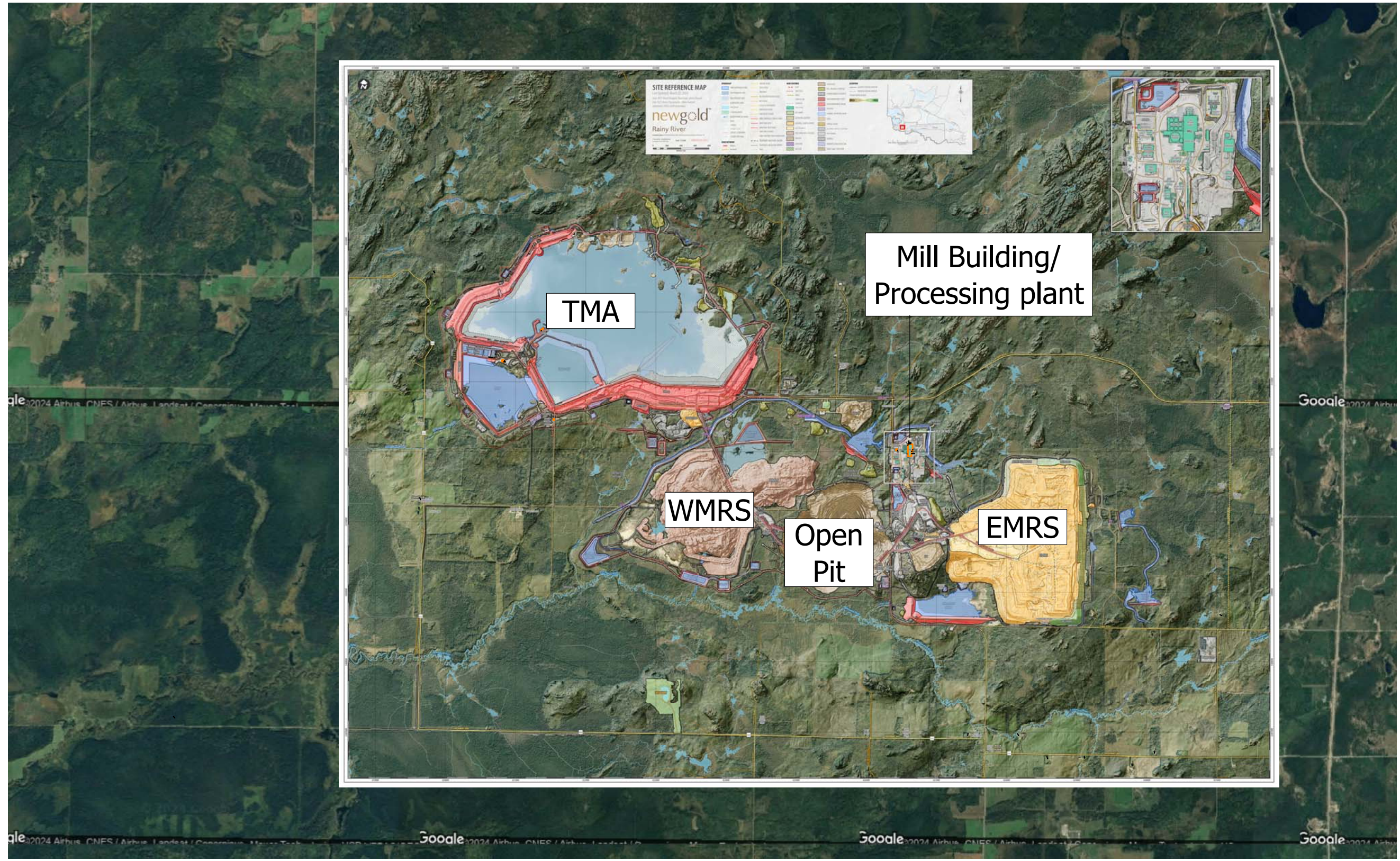
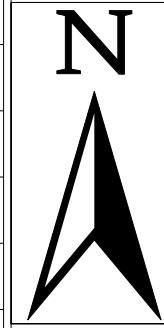


Figure 1  
Site Plan

Project Site  
New Gold - Rainy River Mine  
Chaple, Ontario

Legend

-  Building
-  Cylinder



Date March 2024
Project Number 237201.0011
Drawn By: M.K.

416000 418000 420000 422000 424000 426000 428000 430000 432000



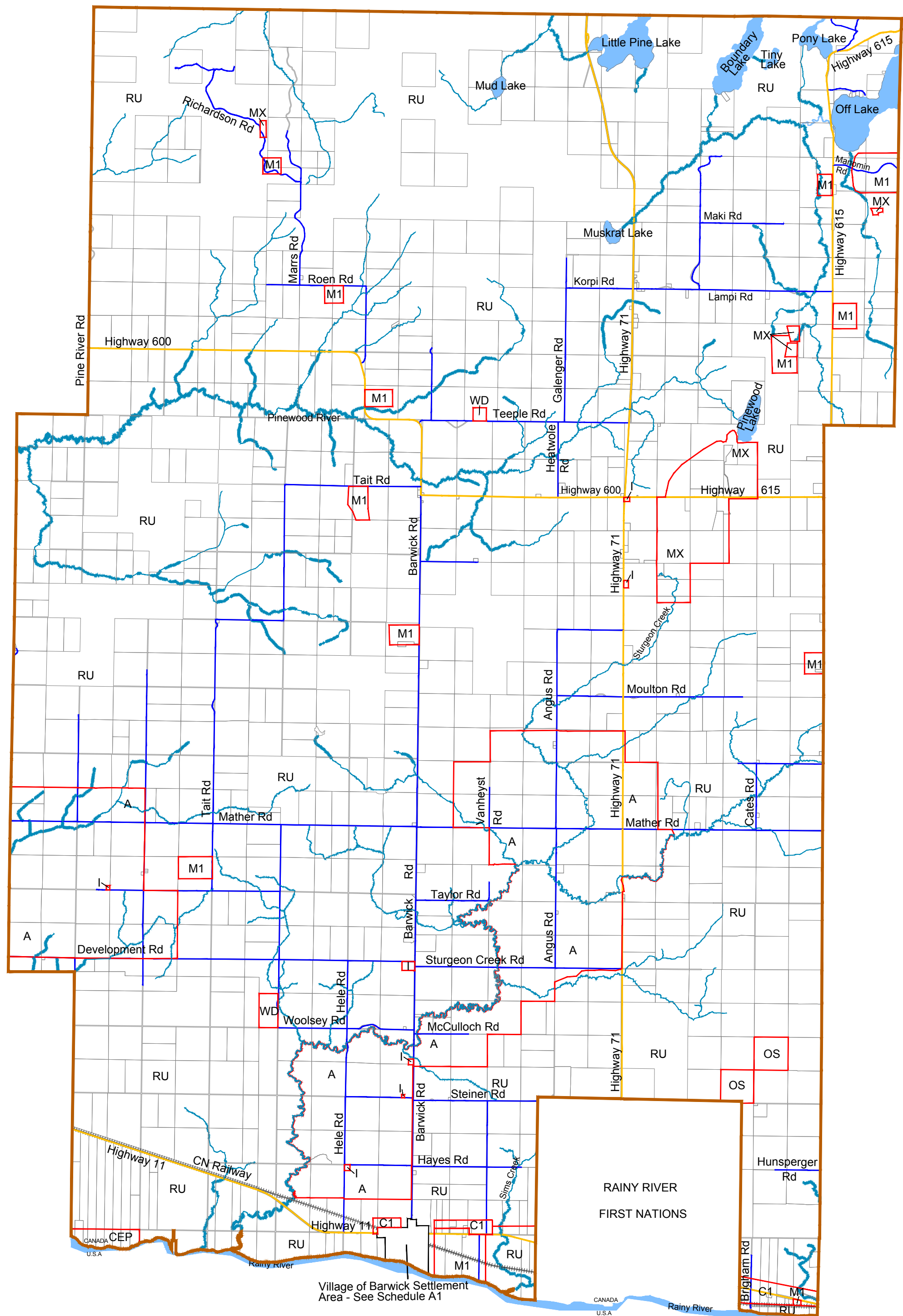
# TOWNSHIP OF CHAPPLE ZONING BY-LAW SCHEDULE A

Council Adoption October 8, 2013

- Village Settlement Area
- Zone Boundary
- A - Agricultural Zone
  - RU - Rural Zone
  - C1 - Highway Commercial Zone
  - I - Institutional
  - M1 - Industrial Zone
  - MX - Aggregate Extraction Zone
  - WD - Waste Disposal Zone
  - OS - Open Space Zone
  - CEP - Conservation and Environmental Protection Zone

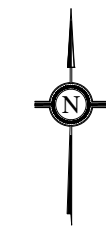
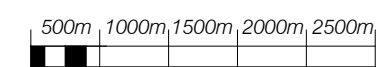
- Transportation
- Provincial Highway
  - Township Roads
  - CN Railway

- Watercourses



**FOTENN PLANNING & URBAN DESIGN**

Digital Map Created By:  
CGIS Spatial Solutions  
52 South Street  
Perth, ON K7H 2G7  
TEL: 613-368-4321  
www.cgis.com



Note: The base information on this plan was prepared from a variety of map sources and was used by permission of the Township of Chapple. It is not a legal plan of survey. For precise location of plan features recourse should be had to the original source data.

Village of Barwick Settlement Area - See Schedule A1





# Zoning By-Law

| Township of Chapple

Council Adoption October 8, 2013





Prepared for:

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Cover and report photos  
courtesy of The Township of  
Chapple, [www.chapple.on.ca](http://www.chapple.on.ca)

# Zoning By-Law

## | Township of Chapple

Council Adoption October 8, 2013

The Corporation of the Township of Chapple

By-Law Number 1455

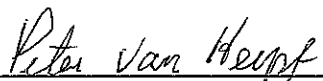
A By-Law to Adopt A Zoning By-law  
for the Corporation of the Township of Chapple  
and to Repeal By-Law Number 1227

The Council of the Corporation of the Township of Chapple, in accordance with the provisions of the *Planning Act*, RSO 1990, as amended, hereby enacts as follows:

- 1) That the Township of Chapple Zoning By-law 1455, consisting of the attached text and schedules (maps) is hereby adopted with the following amendments:
  
- 2) That Township of Chapple By-law Number 1227, as amended, is hereby repealed.
  
- 3) That this By-law shall take effect and come into force upon third and final reading thereof.

**READ A FIRST AND A SECOND TIME ON THIS 12<sup>TH</sup> DAY OF MARCH, 2013.**

The Corporation of the Township of Chapple

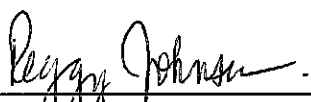
  
\_\_\_\_\_  
Peter Van Heyst, Reeve

  
\_\_\_\_\_  
Peggy Johnson, CAO/Clerk Treasurer

**READ A THIRD AND FINAL TIME ON THIS 8<sup>TH</sup> DAY OF OCTOBER, 2013.**

The Corporation of the Township of Chapple

  
\_\_\_\_\_  
Peter Van Heyst, Reeve

  
\_\_\_\_\_  
Peggy Johnson, CAO/Clerk Treasurer

## CONTENTS

<b>SECTION 1</b>	<b>INTERPRETATION AND ADMINISTRATION .....</b>	<b>1-1</b>
1.1	TITLE .....	1-1
1.2	APPLICATION .....	1-1
1.3	SCOPE .....	1-1
1.4	MINIMUM REQUIREMENTS .....	1-1
1.5	INTERPRETATION OF BY-LAW .....	1-1
1.5.3	MEANING OF USE .....	1-1
1.5.4	MEANING OF SHALL .....	1-1
1.5.5	MEASUREMENTS .....	1-1
1.5.6	PRIMARY ZONES .....	1-1
1.5.7	EXCEPTION ZONES AND TEMPORARY USE BY-LAWS .....	1-2
1.6	HOLDING ZONES .....	1-2
1.7	USE OF ZONE SYMBOLS .....	1-2
1.8	INTERPRETATION OF ZONE BOUNDARIES .....	1-2
1.9	CONFLICT .....	1-3
1.10	STRUCTURE .....	1-3
1.11	ADMINISTRATION .....	1-3
1.12	LICENSES AND PERMITS .....	1-3
1.13	BUILDING TO BE MOVED .....	1-3
1.14	REPEAL OF EXISTING BY-LAWS .....	1-3
1.15	APPLICATION OF OTHER BY-LAWS .....	1-4
1.16	VALIDITY .....	1-4
1.17	VIOLATIONS AND PENALTIES .....	1-4
1.18	REMEDIES .....	1-4
<b>SECTION 2</b>	<b>DEFINITIONS .....</b>	<b>2-1</b>
<b>SECTION 3</b>	<b>ESTABLISHMENT OF ZONES .....</b>	<b>3-1</b>
<b>SECTION 4</b>	<b>GENERAL PROVISIONS .....</b>	<b>4-1</b>
4.1	ACCESSORY BUILDINGS, STRUCTURES AND USES .....	4-1
4.2	AUTOMOBILE WRECKING YARDS AND SCRAP METAL YARDS .....	4-2
4.3	BED AND BREAKFAST ESTABLISHMENTS .....	4-2
4.4	BUFFER STRIP .....	4-3
4.5	CORNER LOT SIGHT RESTRICTIONS .....	4-3
4.6	DANGEROUS USES .....	4-3
4.7	DRIVE-THROUGH FACILITY .....	4-3
4.8	EXISTING LOTS .....	4-4
4.9	FARM HELP HOUSE .....	4-4
4.10	GARDEN SUITES .....	4-4
4.11	GROUP HOMES .....	4-5
4.12	HEIGHT .....	4-5
4.13	HOME INDUSTRY .....	4-5
4.14	HOME OCCUPATIONS .....	4-5
4.15	LAND WITHOUT BUILDINGS .....	4-5
4.16	LOADING SPACES .....	4-6

4.17	MOBILE HOMES.....	4-6
4.18	NON-CONFORMING USES.....	4-6
4.19	NON-COMPLIANCE WITH MINIMUM LOT OR YARD REQUIREMENTS.....	4-6
4.20	PARKING REQUIREMENTS.....	4-7
4.21	PERMITTED ENCROACHMENTS IN YARDS.....	4-9
4.22	PERMITTED PUBLIC USES.....	4-10
4.23	PROHIBITED USES.....	4-10
4.24	NOXIOUS TRADE.....	4-10
4.25	ROAD FRONTAGE REQUIRED.....	4-10
4.26	SECONDARY DWELLING UNIT.....	4-10
4.27	SEPARATION DISTANCES.....	4-11
4.28	SERVICE STATIONS AND GAS BARS.....	4-11
4.29	SERVICES REQUIRED.....	4-11
4.30	SETBACKS ON PROVINCIAL HIGHWAYS.....	4-12
4.31	SETBACK FROM NAVIGABLE AND NON-NAVIGABLE WATERCOURSES, HAZARD LAND AND MUNICIPAL SURFACE DRAINS.....	4-12
4.32	SETBACK FROM SOLID WASTE DISPOSAL SITE.....	4-12
4.33	SPECIAL USES PERMITTED.....	4-12
4.34	STRUCTURES IN WATER.....	4-12
4.35	TELEVISION DISH ANTENNAE.....	4-13
4.36	TEMPORARY BUILDINGS.....	4-13
4.37	TRUCK, BUS AND COACH BODIES OR TRAILERS OR TENTS USED FOR HUMAN HABITATION.....	4-13
4.38	YARD AND OPEN SPACE PROVISIONS FOR ALL ZONES.....	4-13
<b>SECTION 5</b>	<b>AGRICULTURAL ZONE (A) REGULATIONS.....</b>	<b>5-1</b>
5.1	PERMITTED USES.....	5-1
5.2	ZONE PROVISIONS.....	5-1
5.3	USE SPECIFIC PROVISIONS.....	5-1
<b>SECTION 6</b>	<b>RURAL ZONE (RU) REGULATIONS.....</b>	<b>6-1</b>
6.1	PERMITTED USES.....	6-1
6.2	ZONE PROVISIONS.....	6-1
6.3	USE SPECIFIC PROVISIONS.....	6-2
<b>SECTION 7</b>	<b>RESIDENTIAL 1 ZONE (R1) REGULATIONS.....</b>	<b>7-1</b>
7.1	PERMITTED USES.....	7-1
7.2	ZONE PROVISIONS.....	7-1
7.3	RESIDENTIAL 1 ZONE - HOLDING ZONE - R1(H).....	7-1
<b>SECTION 8</b>	<b>RESIDENTIAL 2 ZONE (R2) REGULATIONS.....</b>	<b>8-1</b>
8.1	PERMITTED USES.....	8-1
8.2	ZONE PROVISIONS.....	8-1
<b>SECTION 9</b>	<b>RESIDENTIAL MULTIPLE ZONE (R3) REGULATIONS.....</b>	<b>9-1</b>
9.1	PERMITTED USES.....	9-1
9.2	USE SPECIFIC PROVISIONS.....	9-1
<b>SECTION 10</b>	<b>MOBILE HOME PARK ZONE (MHP) REGULATIONS.....</b>	<b>10-1</b>
10.1	PERMITTED USES.....	10-1
10.2	ZONE PROVISIONS.....	10-1
<b>SECTION 11</b>	<b>HIGHWAY COMMERCIAL ZONE (C1) REGULATIONS.....</b>	<b>11-1</b>
11.1	PERMITTED USES.....	11-1

11.2	ZONE PROVISIONS .....	11-1
11.3	USE SPECIFIC PROVISIONS .....	11-2
11.4	ZONE PROVISIONS FOR ACCESSORY USES .....	11-3
<b>SECTION 12</b>	<b>GENERAL COMMERCIAL ZONE (C2) REGULATIONS .....</b>	<b>12-1</b>
12.1	PERMITTED USES.....	12-1
12.2	ZONE PROVISIONS .....	12-1
12.3	USE SPECIFIC PROVISIONS .....	12-2
<b>SECTION 13</b>	<b>NEIGHBOURHOOD COMMERCIAL ZONE (C3) REGULATIONS.....</b>	<b>13-1</b>
13.1	PERMITTED USES.....	13-1
13.2	ZONE PROVISIONS .....	13-1
13.3	ZONE PROVISIONS FOR ACCESSORY USES.....	13-1
<b>SECTION 14</b>	<b>INDUSTRIAL ZONE (M1) REGULATIONS .....</b>	<b>14-1</b>
14.1	PERMITTED USES.....	14-1
14.2	ZONE PROVISIONS .....	14-1
14.3	ZONE PROVISIONS FOR ACCESSORY USES.....	14-2
<b>SECTION 15</b>	<b>AGGREGATE EXTRACTION ZONE (MX) REGULATIONS .....</b>	<b>15-1</b>
15.1	PERMITTED USES.....	15-1
15.2	ZONE PROVISIONS .....	15-1
<b>SECTION 16</b>	<b>MINERAL MINING ZONE (MM) REGULATIONS .....</b>	<b>16-1</b>
16.1	PERMITTED USES.....	16-1
16.2	ZONE PROVISIONS .....	16-1
<b>SECTION 17</b>	<b>INSTITUTIONAL ZONE (I) REGULATIONS.....</b>	<b>17-1</b>
17.1	PERMITTED USES.....	17-1
17.2	ZONE PROVISIONS .....	17-1
<b>SECTION 18</b>	<b>WASTE DISPOSAL ZONE (WD) REGULATIONS.....</b>	<b>18-1</b>
18.1	PERMITTED USES.....	18-1
18.2	ZONE PROVISIONS .....	18-1
<b>SECTION 19</b>	<b>OPEN SPACE ZONE (OS) REGULATIONS.....</b>	<b>19-1</b>
19.1	PERMITTED USES.....	19-1
19.2	ZONE PROVISIONS .....	19-1
<b>SECTION 20</b>	<b>CONSERVATION AND ENVIRONMENTAL PROTECTION ZONE (CEP)</b>	
	<b>REGULATIONS 20-1</b>	
20.1	PERMITTED USES.....	20-1
20.2	FILL.....	20-1
20.3	EXCEPTION ZONE.....	20-1
<b>SECTION 21</b>	<b>ZONING SCHEDULES .....</b>	<b>21-1</b>
21.1	ZONING SCHEDULES .....	21-1

## **SECTION 1 INTERPRETATION AND ADMINISTRATION**

### **1.1 TITLE**

This By-law shall be known as the "Zoning By-law" of The Corporation of the Township of Chapple.

### **1.2 APPLICATION**

The provisions of this By-law shall apply to all lands within the boundaries of The Township as now or hereafter are legally constituted.

### **1.3 SCOPE**

No lands shall be used and no buildings or structures shall be erected, altered, enlarged or used within the Township of Chapple except in compliance with the provisions of this By-law.

### **1.4 MINIMUM REQUIREMENTS**

In interpreting and applying the provisions of this By-law, they are held to be the minimum requirements for the promotion of the health, safety, comfort, convenience, and general welfare of the inhabitants of the Township.

### **1.5 INTERPRETATION OF BY-LAW**

#### **1.5.1 DEFINITIONS**

In this By-law, unless the context requires otherwise, the definitions set out in Section 2 shall apply. Where a term is not defined, its common usage shall apply.

#### **1.5.2 NUMBER AND GENDER**

In this By-Law, unless the contrary intention is indicated, words used in the singular shall include the plural and words used in the male gender shall include the female gender and vice versa.

#### **1.5.3 MEANING OF USE**

Unless the context otherwise requires, the expressions "use" or "to use" in this By-law include anything done or permitted by the owner or occupant of any land or buildings, directly or indirectly or by or through any trustee, tenant, servant, or agent, acting for, or with the knowledge or consent of such owner or occupant, for the purpose of making use of the said land or building.

#### **1.5.4 MEANING OF SHALL**

In this By-law, the word "shall" shall always be construed as mandatory.

#### **1.5.5 MEASUREMENTS**

Measurements of length and area used in this By-law are given in metric units (e.g. metres, hectares).

#### **1.5.6 PRIMARY ZONES**

Primary zones are the basic structural unit of this Zoning By-law and identify a land use category with permitted uses and regulations. Primary zones are indicated by a set of symbols, for example R1 represents the Residential 1 (R1) Zone in this By-law.

### 1.5.7 EXCEPTION ZONES AND TEMPORARY USE BY-LAWS

Where a zone classification is followed by a dash and a number (e.g. RU-1), this denotes an Exception Zone. Lands so zoned shall be subject to all of the provisions of the zone represented by the classification except as otherwise provided by the Exception provisions, which are listed as separate subsections within the parent zone.

In some cases, temporary use by-laws have been passed by the municipality to allow temporary uses pursuant to Section 39 of the *Planning Act*, R.S.O. 1990, C.P. 13. Temporary uses are shown on the zoning schedules as exceptions and details concerning the temporary use are included in the exception text within the specific zone category.

### 1.6 HOLDING ZONES

1. Holding zones are created by adding a capital H in brackets - (H) - to the zone code on the Zoning Schedules. This has the effect of allowing the uses set out in the corresponding text of the by-law at some time in the future. A Holding symbol is removed once specified conditions, which are identified in the exception provisions, are met (e.g. such as conditions related to environmental, transportation, servicing matters), in accordance with Section 36 of the *Planning Act*, as amended.
2. No land shall be used in a Holding Zone (H), except for the following purposes:
  - Accessory Uses
  - Existing Uses
3. The following zone provisions apply to accessory buildings on lands zoned with the H symbol:

	Provision
a) Maximum Lot Coverage	10 percent
b) Maximum Height	10.5 metres
c) Minimum Floor Area	70 square metres
d) Minimum Front Yard	7.5 metres
e) Minimum Side Yard	7.5 metres
f) Minimum Rear Yard	7.5 metres

### 1.7 USE OF ZONE SYMBOLS

The symbols listed shall be used to refer to land, buildings and structures and uses thereof permitted by this By-law in the said zones, and wherever in this By-law the word "Zone" is used preceded by any of the said symbols, such zones shall mean any area within the Township of Chapple delineated on the Zoning Schedules and designated therein by the said symbol.

### 1.8 INTERPRETATION OF ZONE BOUNDARIES

Where any uncertainty exists as to the location of the boundary of any of the said zones, as shown on the Zoning Schedules, the following shall apply:

- a. Unless otherwise shown, the boundary of the zones as shown on the Zoning Schedules and the centre lines of the road allowance or lot lines and the projection thereof;
- b. Where zone boundaries are indicated as approximately following lot lines shown on a plan of subdivision, such lot lines shall be deemed to be the said boundary;
- c. Where zone boundaries are indicated as approximately parallel to the line of any road and the distance from such road is not indicated, such zone boundaries shall be construed as being parallel to such road and the distance therefrom shall be determined by the use of the scale shown on the Zoning Schedules;



- d. Unless otherwise indicated, a road, lane, railroad, or railway right-of-way or watercourse included on the Zoning Schedules, is included within the zone of the adjoining property on either side thereof; and where such road, lane, right-of-way or watercourse serves as a boundary between two or more different zones, a line midway in such road, lane, right-of-way or watercourse and extending in the general direction of the long division thereof is considered the boundary between zones, unless specifically indicated otherwise;
- e. In the event a dedicated road, lane or right-of-way shown on the zone maps is closed, the property formerly in said road lane or right-of-way shall be included within the zone of the adjoining property or either side of the said closed road lane right-of-way and the zone boundary shall be the former centre line of the closed road, lane or right-of-way;
- f. Where any zone boundary is left uncertain after application of the preceding provisions, then the boundary line shall be determined according to the scale on the Zoning Schedules in the office of the Chief Building Official; and
- g. Wherever it occurs, the limit of the Township of Chapple is the boundary of the zone adjacent to it.

## **1.9 CONFLICT**

In the event of a conflict between this By-law and amendments thereto and any other general or special by-law of the Township, the most restrictive By-law shall prevail.

## **1.10 STRUCTURE**

This Zoning By-law is composed of twenty (21) sections:

- Section 1: Interpretation and Administration
- Section 2: Definitions
- Section 3: Establishment of Zones
- Section 4: General Provisions
- Sections 5-20: Zone Provisions
- Section 21: Zoning Schedules

## **1.11 ADMINISTRATION**

This By-law shall be administered by the Chief Building Official and/or such other persons or persons as the Council of the Township of Chapple designates.

## **1.12 LICENSES AND PERMITS**

No person shall be entitled to a municipal permit, certificate, or license where the said permit is required for a proposed use of land or a proposed erection, alteration, enlargement or use of any building or structure that is in violation of any provisions of this By-law.

## **1.13 BUILDING TO BE MOVED**

No building, residential or otherwise, shall be moved within the limits of the Township or shall be moved into the Township a location beyond the Township limits, without a permit from the Chief Building Official.

## **1.14 REPEAL OF EXISTING BY-LAWS**

From the coming into force of this By-law, all previous by-laws passed under Section 34 of the *Planning Act* or a predecessor thereof, shall be deemed to have been repealed except to the extent that any of the said by-laws prohibits the use of any land, building or structure for a purpose that is also prohibited by this By-law.

### **1.15 APPLICATION OF OTHER BY-LAWS**

Nothing in this By-law shall serve to relieve any person from the obligation to comply with the requirements of any other By-law of the Township, in force from time to time, or the obligation to obtain any license, permit, authority or approval required under any By-law of the Township.

### **1.16 VALIDITY**

Should any section, clause or provision of this By-law be held by a court of competent jurisdiction to be invalid, the validity of the remainder of the By-law shall not be affected.

### **1.17 VIOLATIONS AND PENALTIES**

1. Every person who uses any lot, or erects or uses any building or structure or any part of any lot, building or structure, in a manner contrary to any requirement of this By-law, or who causes or permits such use or erection, or who contravenes any provision of this By-law or causes or permits a contravention, shall be guilty of an offence and upon conviction therefore, shall be liable:
  - a. on a first conviction to a fine of not more than \$25,000; and
  - b. on a subsequent conviction to a fine of not more than \$10,000 from each day or part thereof upon which the contravention has continued after the day on which the conviction was first made.
2. Where a corporation is convicted under this Section of this By-law, the maximum penalty that may be imposed is:
  - a. on a first conviction, a fine of not more than \$50,000;
  - b. on a subsequent conviction, a fine of not more than \$25,000 for each day or part thereof upon which the contravention has continued after the day on which the corporation was first convicted.
3. Every such penalty as set out in this Section of this By-law shall be recoverable under the Section 67 of the *Planning Act*, 1990 and/or the *Provincial Offenses Act* and/or any other legislation applicable.

### **1.18 REMEDIES**

In case any buildings or structure or any part thereof is to be erected, altered, reconstructed or extended, or any lot is being used or is to be used, in contravention of any requirement of this By-law, such contravention may be restrained by action at the instance of any rate-payer or of the Township, pursuant to the provisions of the *Planning Act* and/or the *Municipal Act* and/or any other legislation applicable.

## SECTION 2 DEFINITIONS

For the purpose of this By-law, the definitions and interpretations given herein shall govern.

### **Abandoned**

Means the failure, in the opinion of the Chief Building Official, to proceed expeditiously with construction work or to undertake construction work during any continuous 12 month period.

### **Abattoir**

Means a building, structure or lot or part thereof, used for the slaughter of livestock, poultry or other animals for purpose of processing or rendering.

### **Accessory Building**

Means a detached building or structure that is not used for human habitation except where a residential use is a permitted accessory use, but the use of which is naturally and normally incidental to, subordinate to, or exclusively devoted to a principal use or building and located on the same lot therewith and includes a detached private garage, carport, detached deck and dock.

### **Accessory Structure**

Means an "Accessory Building" as defined in this By-law.

### **Accessory Apartment**

Means self-contained apartments created through converting part of or adding on to a building containing a commercial use.

### **Accessory Dwelling Unit**

Means a detached dwelling unit on a commercial lot.

### **Accessory Use**

Means a use naturally and normally incidental to, subordinate to, or exclusively devoted to a principal use and located on the same lot therewith.

### **Aggregate**

Means gravel, sand, clay, rock, or other material prescribed under the *Aggregate Resources Act* suitable for construction, industrial, manufacturing and maintenance purposes.

### **Agricultural Services**

Means the use of lands, structure or building for the purposes of buying and selling commodities and services that are necessary to support agricultural operations, including livestock sales barn, but does not include any manufacturing, assembling, processing, warehousing or construction uses.

### **Agricultural Use**

Means the cultivation of land, including nursery and horticultural crops, raising of livestock, raising of other animals for food, fur or fibre, including poultry and fish, aquaculture, apiaries, agro-forestry, maple syrup production, and associated on-farm buildings and structures, including accommodate for full-time labour when the size and nature of the operation requires additional employment.

### **Agricultural Use, Intensive**

Means an agricultural use or operation, including a research station, aimed at increasing the average yield per unit through specialized farming practices, advances in technology or a combination of both.

**Airport or Aircraft Landing Area**

Means the use of land, including water, runway, or other facility designed, used or intended to be used, either publicly or by any person or persons, for the landing or taking off of aircraft, including all necessary taxiways, aircraft storage, tie-down areas, hangars and other necessary buildings, structures and open spaces.

**Alter**

When used in reference to a building or structure or part thereof, means to change the use or the external dimensions of such building or structure or to change the type of construction of the exterior walls or roof thereof.

Notwithstanding the above, when used in reference to a lot, the word "alter" means to increase the width, depth or area thereof or to decrease the width, depth or area of any required yard, setback, landscaped open space, or parking area, or to change the location of any boundary of such lot with respect to a road or lane, whether such alteration is made by conveyance or alienation of any portion of said lot, or otherwise; or

Notwithstanding the above, when used in reference to a use, to discontinue and replace a use with a use which is defined herein as being distinct from the discontinued use.

**Animal Hospital**

Means a "Veterinary Clinic" as defined in this By-law.

**Animal Shelter**

Means a building or portion thereof where small domestic animals/pets, birds, livestock or farm animals are given temporary shelter, where minor treatment is given, and includes a public pound and crematorium but does not include an animal hospital, a veterinary clinic or any establishment engaged primarily in the retail sale of animals or in the breeding or training of animals for gain or profit.

**Apartment Dwelling**

Means a residential dwelling unit located within a commercial use building or an apartment building.

**Arcade**

Means an establishment, or parts of an establishment, containing three or more arcade machines operated for gain, including where the operation of such arcade machines for gain is an accessory use or is not the primary use of the establishment.

**Arena**

Means a facility for sport activities and includes ice surfaces for hockey and curling and other surfaces for any sporting activity.

**Assembly Hall**

Means a building, or part thereof, in which facilities are provided for such purposes as meetings for civic, educational, political, recreational, religious or social purposes and, without limiting the generality of the foregoing, may include such facilities as a banquet hall or private club.

**Attached**

Means a building otherwise complete in itself, which depends for structural support, or complete enclosure, upon a division wall or walls shared in common with an adjacent building or buildings.

**Attic**

Means the space between the ceiling of the top storey and the roof or between a dwarf wall and a sloping roof.

**Automobile Service Station**

Means a building or part of a building or a clearly defined space on a lot used primarily for the retail sale or some or all of lubrication oils, gasoline, diesel fuel and propane for motor vehicles, and may include the sale of automobile accessories, and the servicing and repairing essential to the operation of motor vehicles, but does not include a car washing establishment.

**Automobile Wrecking Yard**

A place where motor vehicles are wrecked or disassembled and resold.

**Bake Shop**

Means a bakery where the prepared food products of such bakery are offered for retail sale on the same premises.

**Basement or Cellar**

Means that portion of a building between two floor levels which is more than 50% below the ground level at the exterior walls.

**Bed and Breakfast Establishment**

Means a single-detached dwelling in which not more than 4 habitable rooms for overnight lodging are provided for gain, with breakfast included, to persons other than the lessee, tenant or owner of said dwelling, or any member of the his household, but shall not include a hotel, motel, tourist commercial establishment, trailer camp, seasonal camp or camping establishment.

**Boarding House**

Means "Rooming House" as defined in this By-law.

**Boat House**

Means a detached accessory building or structure constructed for the purpose of sheltering or storage of boats or other form of water transportation and accessories, but it shall not include a dwelling unit.

**Buffer Strip**

Means an area of land used for no other purpose than for the erection of a fence, or the planting and maintaining of a continuous row of natural evergreens or a continuous unpierced hedgerow of natural shrubs and the remainder of which is to be used for landscaping.

**Building**

Shall include any structure, whether temporary or permanent, used or intended for sheltering any use or occupancy, but shall not include a boundary wall or fence or any vehicle as defined herein.

**Building Area**

Means the greatest horizontal area of a storey above grade within the outside surface of exterior walls or within the outside surface of exterior walls and the centre line of firewalls.

**Builders' Supply Outlet**

Means a commercial establishment used for milling, storage, or wholesaling of a broad range of building materials and tools.

**Bulk Sales Establishment**

Means the use of land for the purpose of storing, buying and selling coal, fuel oil, propane, wood, lumber, building materials, ice and allied chemicals, but does not include any manufacturing, assembling or processing uses.

**Business**

Means a building in which one or more persons are employed in the management, direction, or conducting of a business or where professionally qualified persons and their staff serve clients or patients who seek advice, consultation or treatments.

**By-law Enforcement Officer**

Means a person appointed by Council and charged with the duty of enforcing the provisions of the Zoning By-law and any amendments hereto.

**Cabin**

Means a "cottage" as defined in this By-law.

**Campground**

Means a parcel of land used for short-term occupancy by campers using travel trailers, tents, tent trailers, or other moveable dwellings, rooms or sleeping quarters of any kind for short-term occupancy.

**Carport**

Means "garage" as defined in this By-law.

**Car Wash**

Means an establishment where motor vehicles are washed, cleaned or polished for compensation, including a coin wash, but does not include a service station or vehicle repair shop where car washing is incidental to the operation of such service station or public garage.

**Cemetery**

Means a cemetery or columbarium within the meaning of the *Cemetery Act* as amended from time to time.

**Clinic**

Means a building or structure that is used or intended for use by one or more physicians, dentists, chiropractors and/or drugless practitioners for the purpose of consultation, diagnosis and office treatment.

**Club, Private**

Means a building or part thereof used as a meeting place for members of an organization not operated for profit or of an athletic, social or recreational club not operated for profit.

**Club, Commercial**

Means a building or part thereof used as a meeting place for members of an organization operated for profit or of an athletic, social or recreational club operated for profit.

**Commercial Use**

Means the use of land or buildings for the purpose of buying and/or selling commodities and supplying services separate from such uses as manufacturing or assembling of goods, warehousing, transport terminals, construction and other similar uses.

**Commercial Storage Facility**

Premises where individual enclosed areas are made available to the public for keeping or storing goods or commodities, but does not include any hazardous material or fuel storage.

**Community Centre**

Means a building used primarily for community activities and not used for commercial purposes, the control of which is vested in the Township, a local board, or commission.

**Conservation Use**

Means the preservation, protection and improvement of the components of the natural environment through a comprehensive management and maintenance program administered by a public authority for individual or public use.

**Contractor's Yard**

Means a yard and associated buildings of any general contractor or builder where equipment and materials are stored or where a contractor performs shop or assembly work but shall not include the storage of aggregate material.

**Convenience Store**

Means a retail store serving the daily or occasional needs of the residents of the immediate area with a variety of goods such as groceries, meats, dairy products, patent medicines, sundries, tobacco, stationery, hardware, magazines and/or newspapers.

**Cottage**

Means a detached building used as an occasional and seasonal residential dwelling for recreation, rest or relaxation by one household, but not occupied continuously or as a principal residence or as a year-round permanent dwelling.

**Council**

Means the Council of the Corporation of the Township of Chapple.

**Day Nursery**

A day nursery operated for pre-school age children within the meaning of the *Day Nurseries Act*, R.S.O., 1980, c.111 as amended.

**Demolition**

Means the removal of a building or any part thereof.

**Detached**

Means not attached.

**Development**

Means the creation of a new lot, a change in land use, or the construction of buildings and structures, requiring approval under the *Planning Act*, but does not include:

- a. activities that create or maintain infrastructure authorized under an environmental assessment process;
- b. works subject to the *Drainage Act*; or
- c. for the purposes of policy 2.1.3(b), underground or surface mining of minerals or advanced exploration on mining lands in significant areas of mineral potential in Ecoregion 5E, where advanced exploration has the same meaning as under the *Mining Act*. Instead, those matters shall be subject to policy 2.1.4(a).

**Dock**

Means a structure on land or in the water to be used for transferring goods or passengers to or from a boat or airplane. This definition includes a launching ramp or boatlift but does not include any building used for human habitation.

**Drive-through Facility**

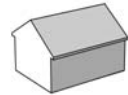
Means an establishment that provides or dispenses products or services, through an attendant or an automated machine, to persons remaining in vehicles that are in designated stacking aisles. A drive-through facility may be in combination with other uses, such as a bank, restaurant or gas station.

## Dwelling

Means a combination of rooms in which a kitchen, living quarters and sanitary conveniences are provided for habitation for the exclusive use of the residents and with a private entrance from outside the building or from a common hallway or stairway inside. It may include a modular home constructed in accordance with the *Building Code* and C.S.A. A-277 Regulations. A dwelling may include the following subtypes:

### Single-detached

Means a separate building or factory built twin-wide or double-wide modular home designed, used, or intended to be used for occupancy as a single dwelling unit. This definition shall not include a mobile home as defined herein.



### Semi-detached

Means a building that is divided vertically into 2 dwelling units designed or intended to be used for occupancy as a single dwelling unit and which dwelling units may be held in separate ownership. This definition shall not include a mobile home as defined herein.



### Dwelling, Duplex

Means a building that is divided horizontally into 2 dwelling units, each of which has an independent entrance either directly or through a common vestibule.



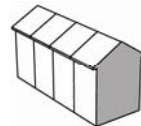
### Dwelling, Double Duplex

Means 2 attached duplex dwellings.



### Dwelling, Townhouse

Means the whole of a residential use building containing three or more dwelling units that are divided vertically, each of which has an independent entrance.

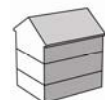


### Dwelling, Street Townhouse

Means a townhouse or rowhouse dwelling which has direct access and frontage along a public street. Each dwelling unit may be located on a separate lot. For street townhouses, the maximum number of attached units shall be 8 units.

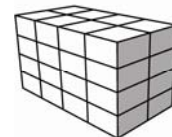
### Dwelling, Triplex

Means a building that is divided horizontally into 3 separate dwelling units, each of which has an independent entrance either directly or through a common vestibule.



### Apartment Building

Means a building that contains 4 or more dwelling units, which units have one or more common entrances from road level and are served by a common corridor, and the occupants of which units have the right to use in common the corridors, stairs, elevators, yards or one or more of them.



### Bachelor

Means a dwelling unit in which only one room or part thereof contains sleeping accommodation, and which room is used as a living or dining room or both, as well as for sleeping purposes, but does not mean or include a dwelling unit containing one or more rooms designed exclusively for sleeping accommodation.

### Secondary Dwelling Unit

Means a self-contained dwelling unit created by either an interior renovation within an existing dwelling, or as an exterior addition, provided that one entire face of the addition is attached to the



principal dwelling, and shall not be considered a second dwelling on the lot for the purposes of this By-law.

**Dwelling, Multiple**

Means a building used, designed, or intended to be used for occupancy as 3 or more dwelling units independently of each other.

**Dwelling Unit**

Means a residential unit that:

- a. consists of a self-contained set of rooms located in a building or structure;
- b. is used or intended for use as a residential premises
- c. contains kitchen and bathroom facilities that are intended for the use of the unit only; and
- d. is not a mobile home or any vehicle.

**Easement**

Shall have the meaning attributed to it in the definition of "Right-of-Way".

**Entertainment Facility**

Means a building or facility for the use of a motion picture or other theatre, arena, auditorium, public hall, bingo hall, billiard or pool room, arcade, bowling alley, ice or roller skating rink and does not include an adult entertainment establishment.

**Erect**

Means to build, construct, reconstruct, install, enlarge, extend or alter material or repair a building or structure. "Erect" shall include the relocation of a building or structure, the installation of a building unit fabricated or removed from elsewhere, the demolition or removal of a building or any part thereof and any physical operation such as excavating, filling, grading or draining preparatory to building construction or reconstruction.

**Existing**

Means existing as of the date of the final passing of this By-law.

**Fairground**

Means the use of land, buildings, or structures for the purpose of holding agricultural fairs including displays, exhibiting, livestock shows, sporting events, midway amusements, and concession stands; temporary overnight accommodations associated with fairground uses is permitted.

**Farm Help House**

Means a building located on the same lot and accessory to an agricultural use and which is provided and maintained by the owners of the lot for the accommodation of persons employed in the agricultural operation by the owner of the lot.

**Financial Institution**

Means a commercial establishment such as a bank, trust company, credit union or other similar business or institution where money is deposited, kept, lent and exchanged.

**Flea Market**

Means an occasional market held in an open air or building structure, where groups of individual sellers display and offer goods for sale to the public, but does not include a garage sale.

**Flood Fringe**

Means the outer portion of the flood plain between the floodway and the limit of the regulatory flood.

**Flood Plain**

Means the area, usually low lands, adjoining a watercourse which has been, or may be covered by flood water.

**Floodproofing**

Means the combination of structural changes and/or adjustments incorporated into the basic design and/or construction or alteration of individual buildings, structures or properties subject to flooding so as to reduce or eliminate flood changes. The word "floodproofed" has a corresponding meaning.

**Floodway**

Means the channel of a watercourse and that inner portion of the flood plain where flood depths and velocities are generally higher than those experienced in the flood fringe. The floodway represents that area required for the safe passage of flood flows and that area where flood depths and velocities are considered as such that they pose a potential threat to life and property.

**Floor Area**

Means the sum of the areas of all of the floors of a building or structure measured from the outside of all outside walls, exclusive of any terrace, veranda, unfinished attic, basement, cellar, open or enclosed porch or sunroom, unless such sunroom or enclosed porch is an integral part of the building and habitable in all seasons.

**Floor Area, Ground**

Means the floor area of the lowest storey of a building approximately at or just above the finished grade level excluding any basement, which area is measured between the exterior faces of the exterior walls at the floor level of such storey.

**Forestry Use**

Means the raising and harvesting of wood and, without limiting the generality of the foregoing, includes the raising and cutting of fuel wood, pulp wood, lumber, holiday trees, and other forest products.

**Fuel Depot**

Means a lot where bulk storage of fuel, including petroleum products and propane takes place and where wholesaling and retailing of these products is carried on.

**Funeral Home**

Means a building designed for the purpose of furnishing funeral supplies and services to the public and includes facilities intended for the preparation of the interment or cremation. The building may include an accessory meeting space.

**Garage**

Means a building or portion of a building designed for the storage of private passenger motor vehicles wherein no service for profit is rendered; where such structure is attached to the main building, it shall be deemed to be part of the main building and not an accessory building.

**Garden Suite**

Means a self contained temporary dwelling that is accessory to the main dwelling unit with its own kitchen, bathroom and living area which is designed to be portable and is sometimes referred to as a "granny flat". This may include a mobile home.

**Gas Bar**

Means a lot containing gasoline, diesel fuel or propane dispensing devices and a structure used for the sale of fuel and lubricants for vehicles.

**Golf Course**

Means a public or private area operated for the purposes of playing golf and does not include golf driving ranges.

**Golf Driving Range**

Means a public or private area for the purpose of practicing golf driving techniques and is equipped with distance markers, lighting, safety nets, parking areas, and can include golf equipment rental facilities and washrooms, but does not include a golf course.

**Grade**

Means the average level of finished ground adjoining a building at all exterior walls.

**Grain Elevator and Grain Drying Facility**

Means buildings or structures associated with the processing, dryings, storage, or transshipment of grain.

**Greenhouse Commercial**

Means a building for the growing of flowers, plants, shrubs, trees and similar vegetation which are not necessarily transplanted outdoors on the same lot containing such greenhouses, but are sold directly from such lot at wholesale or retail.

**Group Home**

Means a single housekeeping unit in a residential dwelling in which a maximum of 10 persons (excluding supervisory staff or the receiving family) live under responsible supervision consistent with the particular requirements of its residents. The group home shall conform with the Township By-laws and shall be licensed and/or approved by the Province of Ontario.

**Guest Cabin**

Means a dwelling unit for guest accommodation accessory to a seasonal residential dwelling which contains no provision for cooking or any water or sewage treatment systems and is not used year-round for human habitation.

**Habitable Room**

Means a room in a dwelling used for human occupancy but does not include a bathroom, toilet room, serving or storage pantry, laundry and corridor.

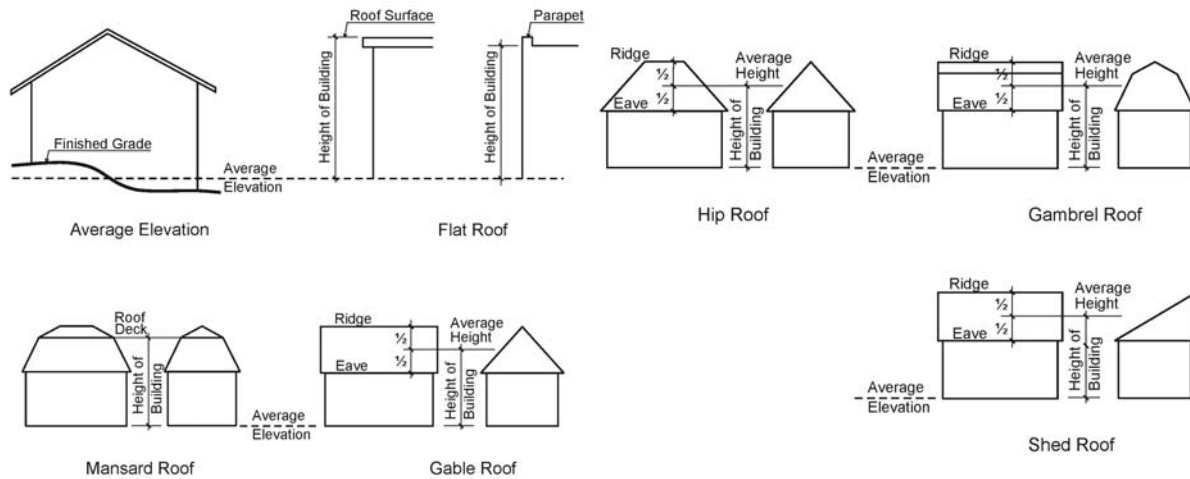
**Hazard Land**

Means land which exhibits, or potentially exhibits, a hazardous condition as a result of its susceptibility to flooding, erosion, subsidence, inundation, as the presence of organic soils or steep slopes, or where, by reason of its low lying marshy or unstable character, the cost of construction of satisfactory waterworks, sewage or drainage facilities is prohibitive. Hazard lands include areas where the operation of mines or former mines has left the lands in a hazardous state, lands where contaminants may have been spilled or placed and filled lands.

**Height**

When used with reference to a building or structure, means the vertical distance in metres between the horizontal plane through the established grade and a horizontal plane through:

- a. the highest point of the roof assembly in the case of a building with a flat or deck roof;
- b. the average level of a sloped roof, provided that a roof having a slope of less than 20 degrees with the horizontal shall be considered a flat roof;
- c. the deck roof line, in the case of a mansard roof;
- d. the average level between eaves and ridges in the case of roof type not mentioned above.



### Highway

Shall be considered to be synonymous and have the meaning as defined for "Road".

### Home Day Care

Means a dwelling unit where a maximum of 6 children, who are not residents of the dwelling, are provided temporary care, guidance, or both for a continuous period, not exceeding 24 hours.

### Home Industry

Means a gainful occupation including a carpentry shop, a craft shop, a metal working shop, a plumbing shop and electrical shop, a welding shop, conducted in whole or in part in an accessory building to a permitted dwelling unit.

### Home Occupation

Means an occupation or profession which is conducted entirely within a dwelling unit, and may include consulting businesses and hairstyling.

### Hospital

Premises used as a private or public hospital under Province of Ontario legislation for the care or treatment of:

- persons afflicted with or suffering from sickness, disease or injury;
- convalescent or chronically ill persons;
- persons suffering from substance addictions; or
- persons suffering from emotional, or psychological disorders; and may include accessory uses such as a restaurant, or a hostel for the short-term accommodation of patients' families during treatment or convalescence.

### Hotel

Means premises used by a business establishment used mainly for the purposes of catering to the needs of the travelling public by furnishing sleeping accommodations of not less than 5 guest rooms, and may include an accessory restaurant, operations licensed under the *Liquor License Act* and/or meeting rooms.

### Hunt Camp

Means an area where one or more buildings and/or tents are used for sleeping, accommodations, the preparation and serving of food and/or sports or recreation facilities and are intended for uses as a base camp for hunting, fishing, trapping, mining or forestry. A hunt camp is to be used on a temporary or seasonal basis, and is not a commercial facility.

**Industrial Use**

Means the use of land, buildings or structures primarily for manufacturing, processing and assembling of goods or raw materials warehousing and bulk storage of goods and repair and servicing of goods including transportation terminals.

**Heavy Industrial Use**

Means uses of a heavy industrial nature including:

- a. the manufacture or processing of products from raw materials;
- b. the production or use of flammable, explosive or other hazardous materials;
- c. the storage of these products and materials; or
- d. a wrecking yard.

**Light Industrial Use**

Means uses of a light industrial nature, including:

- a. warehousing or distribution of finished parts or finished products;
- b. the manufacture from previously prepared materials of finished parts or finished products;
- c. factory or assembly-line processes that involve the manufacture, processing, assembly or packaging of finished parts or finished products made from previously prepared materials; or
- d. the repair or servicing of such products.

**Institutional Use**

Means the use of land, buildings or other structures for some public or social purpose and may include governmental, religious, educational, charitable, philanthropic, hospital, emergency services uses, a firehall or other similar uses.

**Kennel**

Means any lot, building or structure on or within which 4 or more domesticated animals of more than 4 months of age are housed, groomed, bred, boarded, trained or sold, and which may offer minor medical treatment but does not include a veterinary clinic or animal hospital.

**Landscaped Area**

Means an area not built upon and not used for any purpose other than as a landscaped area, which may include grass, shrubs, flowers, trees, vegetables, herbs and similar types of vegetation and appurtenances, but does not include parking areas, parking lots, driveways or ramps.

**Lane**

Means a public thoroughfare or way, not more than 9 metres wide, which affords only secondary means of access to abutting lots.

**Library**

A library, branch library or distribution station to which the provisions of the Public Libraries Act apply, as amended.

**Liquid Waste Disposal Facility**

Means a site which has received a Certificate of Approval under the *Environmental Protection Act*, or such equivalent approval as may exist from time to time under this or any other successor legislation, to allow the site to be used for the purpose of disposing liquid waste materials.

**Loading Space**

Means a space or bay located on a lot which is used or intended to be used for the temporary parking of any commercial vehicle while loading or unloading goods, merchandise or materials used in connection with the main use of the lot or any buildings thereto, and which has unobstructed access to a road or lane.

**Lot**

Means a parcel or tract of land described in a deed or other legal document which is legally capable of conveying title and:

- a. Which is a whole lot within a Registered Plan of Subdivision, or lot within a Plan of Condominium other than a Registered Plan of Subdivision which has been deemed not to be a Registered Plan of Subdivision under a By-law passed pursuant to Section 50 of the *Planning Act*, S.O., 1990, c. P.13, as amended; or
- b. Which is a legally separated parcel of land in existence on the date of passing of this By-law without the owner holding the fee or the equity or redemption in, or power or right to grant, assign or exercise a power of appointment with respect to any abutting land; or
- c. The description of which is the same as in a deed which has received final consent to a conveyance pursuant to Section 50 of the *Planning Act*, S.O., 1990, c. P. 13, as amended.
- d. Which is the whole remnant retained by an owner or owners after a conveyance is made with final consent pursuant to Section 40 of the *Planning Act*, S.O., 1990, c. P. 13, as amended, but for the purpose of this paragraph no parcel or tract of land ceases to be a lot by reason only of the fact that a part or parts of it has or have been conveyed to or acquired by the Township, Her Majesty in the Right of Ontario or Her Majesty in the Right of Canada; or,
- e. Which is the subject of an order of the Minister of Municipal Affairs pursuant to the provisions of Section 57 of the *Planning Act*, S.O., 1990, c. P.13, as amended.
- f. A lot includes the following subtypes:

**Interior:** A lot other than a corner lot.

**Corner:** A lot situated at the intersection of two or more streets, or at the intersection of a street and a railway right-of-way, or a lot abutting on one or more parts of the same street, in which an interior angle of less than one hundred and thirty-five (135) degrees is contained, between the front and side lot lines abutting by the said street or streets.

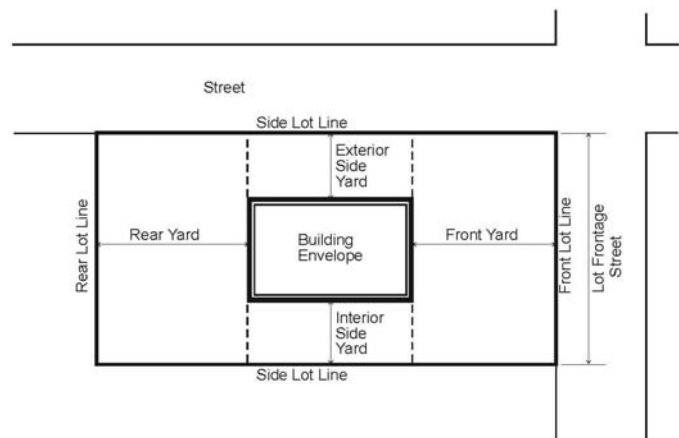


Illustration of Corner Lot (Parallel Lot Lines)

**Irregular:** A lot where any interior angle formed by any two lot lines is other than ninety (90) degrees.

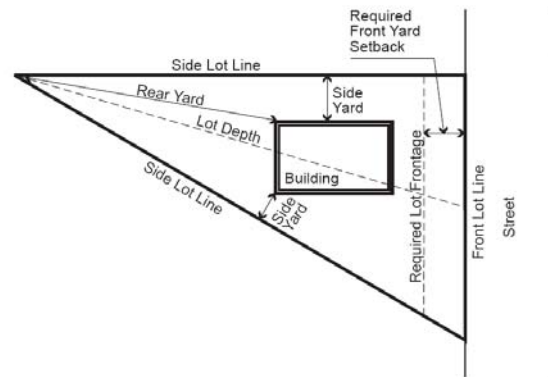


Illustration of Irregular Lot (No Rear Lot Line)

**Through:** A lot bounded on opposite sides by streets.

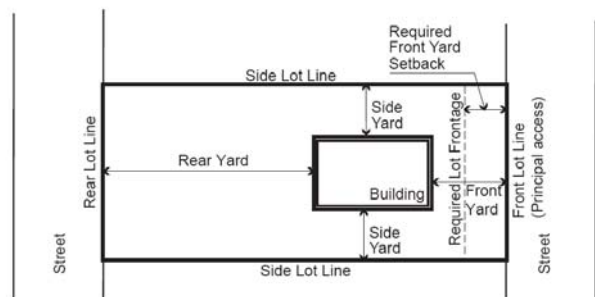


Illustration of Through Lot

**Waterfront:** Means a lot which abuts a shoreline and may or may not also abut a street or lane.

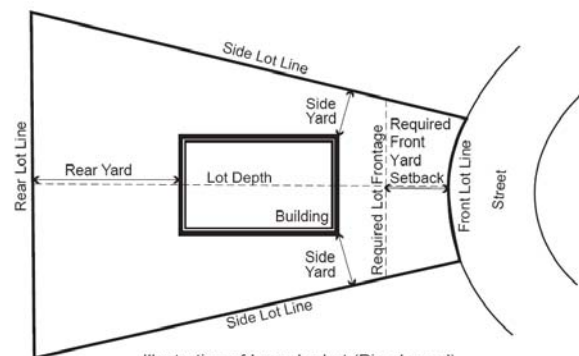


Illustration of Irregular Lot (Pie-shaped)

**Lot Area**

The total horizontal area within the lot lines of a lot or if an island, the area of land above the normal high water mark.

**Lot Coverage**

Means the combined area of all buildings or structures, but not including an outdoor swimming pool on the lot, measured at the level of the lowest storey above grade, including all porches and verandas, open or covered areas, but excluding open, unenclosed terraces at grade, steps, cornices, eaves, bay windows, chimney breasts, corbelling and similar projections and open parking areas.

**Lot Depth**

Means the horizontal distance measured between the midpoint of the front lot line and the midpoint of the rear lot line.

### **Lot Frontage**

Means the horizontal distance between the side lot lines of a lot measured at right angles.

- a. Where such lot lines are not parallel, the lot frontage shall be measured perpendicularly to the line joining the midpoint of the front and midpoint of the rear lot lines at a point 7.5 metres back from the front lot line.
- b. Where the side lines meet, the lot frontage shall be measured perpendicularly to the line joining the apex of the triangle formed by the side lot lines and the midpoint of the front lot line at a point measured 7.5 metres back from the front lot line.
- c. Where the front lot lines are curved, the lot frontage shall be measured along the line between the interior side lot line and the intersection or the tangents to the street line, drawn through the front lot line and exterior side lot line.

### **Lot Lines**

Means the boundary lines of a lot defined as follows:

- a. **Front Lot Line** means:
  - i) in the case of an interior lot, the lot line dividing the lot from the road;
  - ii) in the case of a corner lot, the shorter lot line abutting the road unless each lot line is of equal length, in which case the front lot line shall be the lot line where the principal access to the lot is provided;
  - iii) in the case of a through lot, the front lot line shall be the lot line where the principal access to the lot is provided;
  - iv) in the case of a waterfront lot, either the shoreline or the streetline shall be deemed the front lot line.
- b. **Rear Lot Line** means the lot line farthest from and opposite the front lot line.
- c. **Side Lot Line** means a lot line other than a front or rear lot line.
- d. **Side Lot Line, Exterior** means a side lot line that is also a street line.

### **Main Building**

Means the building or structure in which is conducted the principal use for which the lot is used.

### **Main Wall**

Means the exterior front, side or rear wall of a building, and all structural members essential to the support of a fully enclosed space or roof.

### **Manufacturing, Light**

The assembly or repair or fabrication of goods and materials utilizing materials which have been manufactured in another location and which does not produce waste water in excess of 4500 litres per day, chemical by-products or utilize an area for open storage of goods or materials except for equipment or vehicles which are for sale, lease or hire.

### **Marina**

Means a commercial establishment where a boathouse, boat storage, boat repair facilities boat rental, pier, dock or jetty facilities, or any combination thereof, are available for marine craft and may include a pump for the fuelling of marine craft and a building or structure for the sale or repair of marine craft and accessories.

### **Mineral Aggregate Operation**

Means an operation which includes extraction, transport, beneficiation, processing or recycling of mineral aggregate resources and derived products such as asphalt and concrete, or the production of secondary related products.



**Mineral Mining Operation**

Means operations, land and associated facilities, or, past producing mines with remaining mineral development potential that have not been permanently rehabilitated to another use, as regulated by the *Mining Act*. Administrative offices shall be located above ground.

**Mineral Exploration**

Means the exploration for metallic minerals such as gold, copper and nickel or the exploration for non-metallic minerals such as mica and salt talc.

**Mobile Home**

Means any dwelling that is designed to be made mobile, and constructed or manufactured to provide a permanent residence for one or more persons, but does not include a travel trailer or tent trailer or trailer otherwise designed.

**Mobile Home Park**

Means a lot managed by a mobile home park operator, for the permanent placement of one or more mobile homes or factory built park model homes or double-wide homes on individual mobile home sites, and may include a park or place of recreation.

**Mobile Home Site**

Means a parcel of land within a mobile home park which is serviced and intended for the placement of one mobile home.

**Modular Home, Double-Wide or Twin-wide**

Means a mobile home where the two halves of the unit have been joined and placed on a permanent foundation, such as a poured concrete or mortared concrete block foundation.

**Modular Dwelling**

Means a prefabricated single-detached dwelling being so constructed or assembled that the shortest side of such dwelling is not less than 6 metres in width.

**Motel**

Means one or more buildings for the purpose of catering to the needs of the traveling public by furnishing sleeping accommodation, provided that each guest room may be entered from a separate entrance to the outside.

**Navigable Waterway**

Means a navigable body of water or stream as deemed under the *Beds of Navigable Waters Act* and includes any body of water which is capable in its natural state or at normal water level of being navigated by floating vessels for the purpose of transportation, recreation or commerce.

**Non-Complying**

Means a use, building, or structure which is existing but does not meet, comply or agree with the regulations of this By-law, but is a permitted use, building or structure within the zone in which it is located.

**Non-Conforming**

Means a use, building or structure which is existing but which is not permitted in the zone in which it is located.

**Non-Residential**

When used with reference to a building, structure or use, means designed, intended or used for purposes other than those of a dwelling.

**Nursing Home**

Means a place where accommodation and care are provided for one or more persons, who, by reason of age or infirmity, are in need of same.

**Obnoxious Use**

Means an offensive trade within the meaning of the *Public Health Act* or any use which is offensive or dangerous by reason of the emission of odour, smoke, dust, noise, gas fumes, vibration or refuse matter.

**Open Storage**

Means the storage of goods, merchandise or equipment in the open air and in unenclosed portions of buildings which are open to the air on one or more sides.

**Park, Private**

Means a park controlled or owned by a private individual, group or organization and which may not be open to the public.

**Park, Public**

Means a park controlled or owned by the Township or a public authority and which is normally open to the public.

**Parking Lot**

Means an area for the parking of vehicles and may include aisles, parking spaces and related entrance and exit lanes, but shall not include any part of a road.

**Parking Space**

Means an area 3 metres by 6 metres enclosed in a building, or unenclosed, and set aside for the temporary storage of a vehicle.

**Parking, Tandem**

Means the parking of two or more vehicles one behind another in a row.

**Peat Extraction and Processing**

Means an operation that includes associated facilities used in extraction, processing or transport of peat resources.

**Permitted**

Means permitted by this By-law.

**Person**

Shall include an individual, an association, a firm, a partnership, a corporation, a trust, a incorporated company, an organization, a trustee or agent and their heirs, executors or other legal representatives of a person to whom the same can apply according to law.

**Personal Service Establishment**

Means a building or part thereof in which persons are employed in furnishing services and otherwise administering to individual and personal needs and may include the premises of a barber, hairdresser, beautician and shoe repair establishment, laundromat and dry cleaning establishment but shall not include an adult entertainment parlour. The sale of merchandise shall be permitted only as an accessory use to the personal service provided.

**Place of Worship**

Includes, but is not limited to churches, chapels, temples, parish halls and synagogues including offices for the administration of the religious institution, convents, seminaries, monasteries, rectories, parsonages, parish houses, and associated day nursery.

**Portable Asphalt Plant**

Means a small, portable facility:

- a. with equipment designed to heat and dry aggregate and to mix aggregate with bituminous asphalt to produce asphalt paving material, and includes stockpiling and storage of bulk materials used in the process; and
- b. which is not of permanent construction, but which is to be dismantled at the completion of the construction project.

**Portable Concrete Plant**

Means a small, portable facility:

- a. with equipment designed to mix and/or crush cementing materials, aggregate, water and admixtures to produce concrete, and includes stockpiling and storage of bulk materials used in the process; and
- b. which is not of permanent construction, but which is designed to be dismantled at the completion of the construction project.

**Professional Office**

Means a building or part thereof in which a legal, medical, or other professional service is performed or consultation is given including, but not so as to limit the generality of the foregoing, the offices of a lawyer, architect, a surveyor, an engineer or an accountant, but does not include a personal service establishment, a business office, a veterinarian's clinic, an animal hospital or shelter.

**Public Authority**

Means any Federal or Provincial agency, school board, public utility commission, transportation commission, public library board, board of parks management, board of health, board of commissioners of police, planning board or other board or commission or committee or local authority established or exercising any power or authority under any general or special statute of Ontario or Canada with respect to any of the affairs or purposes of the Township or any portion thereof and includes any committee or local authority established by By-law of the Township and Ontario Hydro.

**Public Services**

Means the buildings, structures and other related works necessary for supplying water, gas, oil, electricity, steam, hot water, telephone services, telecommunication services, sewage collection and treatment facilities and other services provided by a public authority.

**Recreation Use**

Means the use of land for parks, playgrounds, nature trails, tennis courts, lawn bowling greens, indoor and outdoor skating rinks, athletic fields, golf courses, picnic areas, swimming pools, day camps, community centres, skiing and other similar uses, together with necessary and accessory buildings and structures, but does not include a track for racing animals, motor vehicles, snowmobiles, all terrain vehicles or motorcycles.

**Recreational Vehicle or Boat Sales and Service Establishment**

Means a building or place where new or used recreational vehicles, trailers, snowmobiles, boats, and accessories are sold, rented, or repaired.

**Redevelopment**

Means the creation of new residential units on land previously used for residential or non-residential purposes, where demolition of the previous structure is to take place or has taken place.

**Renovate**

Means to restore by improving or repairing to an earlier condition.

**Restaurant**

Means a building used for the purpose of serving food and/or refreshments including a licensed establishment, and may include take-out food facilities as an accessory use.

**Retail Store**

Means a building or part of a building where goods, wares, merchandise or articles are offered or kept for sale at retail directly to the public and includes storage on or about the premises and shall include a garden centre, pharmacy, grocery store, and a post office.

**Retirement Home**

A residential use building containing rooming units or a combination of rooming and dwelling units, providing residence mostly to senior citizens who do not require assistance with daily living, and which may provide accessory health, personal service, and recreational services to serve the residents of the home.

**Riding Stable**

An area of land, which is used as an educational centre for horse training, handling, care, or for the lodging of horses.

**Right-of-Way**

Means any right, liberty or privilege in, or along or under land which a person may have with respect to any land in the Township.

**Road**

Means a public highway under the jurisdiction of the Township or the Province or as shown on a plan of subdivision with respect to which a subdivision agreement has been entered into which affords the principal means of access to abutting lots, but does not include a public lane or right-of-way.

**Road Allowance**

Means land held under public ownership for the purpose of providing a road.

**Rooming House**

Means a building containing rooming units, and which may also contain dwelling units and an accessory administration office.

**Rooming Unit**

A room, or a suite of rooms, that constitutes a separate, independent residential occupancy, but which is not self-contained and which requires access to other parts of the principal dwelling or building intended to serve the residents, including shower or bathtub facilities, kitchens, eating areas or bathrooms.

**Salvage Yard**

Means a lot, building or structure used for wrecking, dismantling, storing or selling used goods, wares or materials including, but not so as to limit the generality of the foregoing, rags, bones, bottles, metals, clothing, furniture, paper, machinery, building materials, vehicles and parts thereof.

**School**

Means a school under the jurisdiction of a Board as defined in the *Education Act* a college, a university or any other education establishment including, but not necessarily restricted to, a nursery school or a boarding school having accessory dormitory facilities.

**School, Private**

Means a school, other than a public school or a commercial school, under the jurisdiction of a private board or trustees or governors, a religious organization or charitable institution.

**Seaplane Base**

Means the use of land, buildings, or structures for the purposes of docking, storing or repairing seaplanes and for the supplying of associated services.

**Seasonal Camp**

Means an establishment that is owned and operated by a private club or organization for the boarding and lodging of children during the summer months only, and may include such recreational activities as boating, swimming, crafts, riding, archery, etc.

**Secondary Dwelling Unit**

Means a self-contained residential unit with kitchen and bathroom facilities within a single-detached, semi-detached or townhouse dwelling or within a structure accessory to a single-detached, semi-detached or townhouse dwelling.

**Service Shop**

Means a building or part thereof used for the sale or repair of household articles and includes radio, television and appliance repair shops, but does not include industrial or manufacturing uses or vehicle repair shops.

**Service Station**

Means "Automobile Service Station" as defined in this By-law.

**Setback from Top of Bank**

Means the horizontal distance from the point of the slope or bank where the downward inclination of the land begins or the upward inclination of the land levels off to the nearest part of any main wall of any building or structure.

**Setback from Water**

Means the horizontal distance between the normal or controlled high water mark of any navigable waterway and the nearest part of any main wall of any building or structure.

**Sewage Treatment Centre**

Means a facility for the receiving and processing of sewage including residential, commercial and industrial waste.

**Shopping Centre**

Shall mean a building or group of buildings planned, designed, developed or managed as a unit, having off-road parking provided on the same lot, and which building or buildings contain one or more retail stores, and offices.

**Shoreline**

Means any lot line or portion thereof which abuts a navigable waterway.

**Small Scale Commercial / Industrial Use**

Shall mean the use of land or buildings for the purpose of buying and/or selling commodities and supplying services separate from such uses as warehousing, transport terminals, construction and other similar uses. The use shall be limited in area to not more than 93 square meters.

**Solid Waste Disposal Facility**

Means a facility providing for the long-term storage or destruction of municipal solid waste, and includes a landfill site or an incinerator.

**Storey**

Means that portion of a building:

- a. which is situated between the surface of any floor and the surface of the floor next above it and if there is no floor above it, that portion between the surface of any floor and the ceiling above it; and
- b. which is more than 50% above the average finished grade; and
- c. which has a height of not less than 2 metres and includes an attic having not less than 2 metres headroom for at least 50% of the attic floor area.

**Storey, First**

Means the lowest storey of a building whereby the ceiling is at least 1.5 metres above finished grade.

**Street**

Shall be considered to be synonymous and have the meaning as defined for "Road".

**Structure**

Means anything that is erected, built or constructed of parts joined together and which is fixed to or supported by the soil but not a terrace, patio, sign, boundary wall, fence, bridge or culvert.

**Swimming Pool, Indoor**

Means a pool located within a building or enclosed structure that is either detached or attached to the main building.

**Swimming Pool, Outdoor**

Means an in-ground or above ground pool that is not located within a building or structure.

**Tavern**

Means a building, where alcoholic beverages are sold to be consumed on the premises and shall include all such buildings operating or liable to be licensed under the *Liquor License Act* as amended or revised from time to time.

**Taxi Stand**

Means a lot or building used as a dispatch office and the parking of taxis and/or limousines when not engaged in transporting persons or goods.

**Temporary Buildings**

The temporary use of buildings and structures, including mobile homes, incidental to and accessory for lawful construction work, shall be permitted in all zones, but only for so long as the same are necessary for the construction work subject to an agreement with the Township.

**Tourist Commercial Establishment**

Means a tourist commercial use that operates throughout all or part of the year and that has facilities for serving meals and furnishing equipment, supplies or services to persons in connection with recreational purposes.

**Trailer**

Means a vehicle so constructed that it is suitable for being attached to a motor vehicle for the purpose of being drawn or propelled by a motor vehicle and capable of being used for temporary living, sleeping or eating

accommodation of persons, notwithstanding that such vehicle is jacked up or that its running gear is removed. This definition shall not include a mobile home as defined herein.

**Trailer Park**

Means any land upon which any travel trailer tent, or tent trailer is used or intended to be used for temporary occupation.

**Use**

When used as a noun, means the purpose for which any land, building or structure is designed, used or intended to be used.

**Use, Continuous**

Means the continuous use of a lot, building or structure, notwithstanding a change of ownership of the property where the use is located. The use shall further be deemed to be continuous if, after having ceased, the same use recommenced within a period of one year from the date of cessation, and/or if a structure is destroyed or damaged, it is rebuilt or repaired for the same use within a period of one year from the date of its destruction or damage. This is in addition to the protection afforded by Section 34(9) of the *Planning Act*.

**Vehicle**

Includes a motor vehicle, trailer, traction engine, farm tractor, road-building machine, motorized snow vehicle and any vehicle drawn, propelled or driven by any kind of power.

**Vehicle Repair Shop**

Shall mean a building or part thereof which contains facilities for the repair and maintenance of vehicle and/or recreational vehicles on the premises, and in which vehicle accessories are sold and vehicle maintenance and repair operations are performed in return for remuneration, but does not include any establishment engaged in the retail sale of vehicle fuels.

**Veterinary Clinic**

Means the use of land, including water, runway, or other facility designed, used or intended to be used, either publicly or by any person or persons, for the landing or taking off of aircraft, including all necessary taxiways, aircraft storage, tie-down areas, hangars and other necessary buildings, structures and open spaces.

**Warehouse**

Means a building or part thereof which is used primarily for the housing, storage, adapting for sale, packaging or distribution of goods, wares, merchandise, foodstuff, substances, articles or things, and includes the premises of a warehouseman, but does not include a fuel depot.

**Waste Processing and Transfer Facility**

Means a facility where waste is sorted, recycled, processed or temporarily stored prior to transfer off site and may include a source separated organics and biosolids processing and storage facility.

**Watercourse**

Means the natural channel for a stream of water and for the purpose of this By-law, includes any watercourse shown on Schedules A and A1 of this By-law.

**Water Frontage**

Means the boundary of a lot directly abutting an original shoreline reserve.

**Wildlife Management**

Means the management of species native to the immediate area. This may include stream enhancement, planting of browse or shelter species, nesting boxes, nesting islands, ponds, dugouts and trees.

### **Yard**

Means an open space on the same lot with a main building or structure, unoccupied and unobstructed from the ground to the sky, except as otherwise permitted by this By-law. Natural features such as trees are not considered an obstruction.

In determining yard measurements the minimum horizontal distance between the nearest wall of the main building or structure and the respective lot lines measured perpendicular from the lot line shall be used:

1. **Front Yard** means a yard extending across the full width of a lot between the front lot line and nearest main wall of the main building or structure on the lot;
2. **Rear Yard** means a yard extending across the full width of a lot between the rear lot line and the nearest main wall of the main building or structure on the lot;
3. **Side Yard** means a yard between the nearest side wall of the main building or structure on the lot and the side lot line and extending from the front yard to the rear yard;
4. **Exterior Side Yard** means a side yard immediately adjoining a public or private street or abutting a reserve on the opposite side of which is located a private or public street; and
5. **Interior Side Yard** means a yard extending from the front yard to the rear yard and from the interior side lot line to the nearest part of the principal building, structure or excavation on the lot.

### **Zone**

Means a designated area of land shown on Schedule A and A1 hereto.



### SECTION 3 ESTABLISHMENT OF ZONES

For the purpose of this By-law, the following Zones are established and they may be referred to by the name or by the symbol set opposite the name of the zone below:

- Agricultural Zone (A)
- Rural Zone (RU)
- Residential 1 Zone (R1)
- Residential 2 Zone (R2)
- Residential Multiple Zone (R3)
- Mobile Home Park Zone (MHP)
- Highway Commercial Zone (C1)
- General Commercial Zone (C2)
- Neighbourhood Commercial Zone (C3)
- Industrial Zone (M1)
- Aggregate Extraction Zone (MX)
- Mineral Mining Zone (MM)
- Institutional Zone (I)
- Waste Disposal Site Zone (WD)
- Open Space Zone (OS)
- Conservation and Environmental Protection Zone (CEP)

## SECTION 4 GENERAL PROVISIONS

### 4.1 ACCESSORY BUILDINGS, STRUCTURES AND USES

#### 1. General Provisions

Accessory uses, buildings or structures are permitted subject to the provisions of this By-law for the particular zone in which the said building, structure, or use is located, and provided that the accessory building, structure or use:

- a. shall not be used for human habitation, except where a residential use is a permitted accessory use;
- b. in a residential, commercial or industrial zone shall not be located in the front yard or the exterior side yard;
- c. in the Rural and Agricultural zones, farm help houses must respect the minimum yard setbacks;
- d. shall not exceed 10 percent coverage of the total lot area;
- e. in a residential zone, shall not exceed 4.5 metres in height, or contain more than one storey, except that where a dwelling unit is a permitted accessory use it shall not exceed 6.0 metres in height, or contain more than two storeys. In all other zones the maximum height shall not exceed 7.0 metres;
- f. shall not be considered as an accessory building or structure if attached to the main building in any way;
- g. shall not be considered an accessory building or structure if located completely underground;
- h. shall not be built closer than 1.2 metres to any side or rear lot line except where a lot abuts a lane, the accessory building or structure may be located up to 0.5 metres from the said lane; and
- i. may be permitted in the front yard of a lot having frontage on a lake or river, subject to the setback requirements outlined in the Setback from Navigable and Non-Navigable Watercourses, Hazard Land and Township Surface Drains Section of this By-law.

#### 2. Commercial Accessory Uses

Notwithstanding any other provisions of this By-law, where a commercial use is permitted as an accessory use in an industrial zone, it shall:

- a. not exceed 40 percent of the total floor area if located in the main building, and shall not exceed a maximum floor area of 278.0 square metres if located in an accessory building.

#### 3. Guest Cabins

Notwithstanding any other provisions of this By-law, where a guest cabin is permitted on a lot, the following provisions shall apply:

- a. no cooking facilities are located in the building;
- b. the building is not connected to a sewage system or pressurized water system;
- c. the building has an area of 23.0 square metres or less;
- d. the building has a height not greater than 4.5 metres; and,
- e. the building complies with all of the setbacks that apply to the principal building on the lot.

#### 4. Ground-Mounted Solar Panels

Notwithstanding the yard and setback requirements of the By-law to the contrary and provision 1 of this Section, ground-mounted solar panels may be permitted in any zone provided that:

##### **In residential zones:**

- a. it is setback at least 1.0 metre from a lot line; and

- b. it may be located in a front or exterior side yard within the RU zone.

**In non-residential zones:**

- a. in a yard abutting a residential zone, it is setback at least 1.0 metre from a lot line; and
- b. in all other cases, there are no restrictions.

**5. Swimming Pool, Indoor**

Notwithstanding any other provisions of this By-law, an indoor swimming pool is permitted on lots with a principal residential dwelling located in the R1, R2, R3, R4, RU and AG zones provided that:

- a. the total lot coverage of all accessory swimming pool buildings or structures shall not exceed 15 percent of the total lot area; and
- b. the swimming pool shall only be permitted in the interior side yard or rear yard.

**6. Swimming Pool, Outdoor**

Notwithstanding any other provisions of this By-law, an enclosed swimming pool is permitted on lots with a principal residential dwelling located in the R1, R2, R3, R4, RU and AG zones subject to the following:

- a. a fence shall be erected in compliance with the Township of Chapple Fence By-law.
- b. the swimming pool shall only be permitted in the interior side yard and the rear yard.
- c. the walls of the pool are a minimum of 1.5 metres from the interior side or rear lot lines; and
- d. any filter, pumps, or similar operating machines shall be a minimum distance of 0.6 metres from any lot line and a minimum distance of 3.0 metres from the main building.

## **4.2 AUTOMOBILE WRECKING YARDS AND SCRAP METAL YARDS**

Where land is used for the purpose of an automobile wrecking yard or scrap metal yard or similar use, the storage of derelict automobiles, scrap metal, junk and other material shall not be carried out in that part of the land designated herein as the front yard, side yard or rear yard. A natural or artificial screen or buffer strip shall be provided to obscure the subject property from the street on which the lands abut and from any adjoining properties to the side or rear of the property and shall be a minimum of 6.0 metres in width in compliance with the Buffer Strip Section of this By-law.

## **4.3 BED AND BREAKFAST ESTABLISHMENTS**

Where permitted, a bed and breakfast establishment shall be subject to the requirements of the zone in which it is located and the following:

- a. be permitted only within an existing single-detached dwelling;
- b. be clearly secondary to the main residential use;
- c. be operated by a resident of the dwelling in which the bed and breakfast establishment is located;
- d. not contain more than 4 guest rooms; and
- e. in the Residential Zones, no outdoor display or advertising shall be permitted, other than a non-illuminated sign which shall not exceed 1.5 square metres in area indicating the name of the bed and breakfast establishment.

#### 4.4 BUFFER STRIP

A buffer strip shall be used for no other purpose than for the erection of a fence or the planting of a continuous row of natural evergreens or natural shrubs, immediately adjacent to the lot line or portion thereof along which such buffer strip is required hereunder, the remainder of the strip shall be landscaped and planted with ornamental shrubs, flowering shrubs, flower beds or a combination thereof:

- a. where a buffer strip is required in any zone, it shall be of a minimum width as specified in the regulations for that zone.
- b. a buffer strip shall be located within the zone for which it is required.

#### 4.5 CORNER LOT SIGHT RESTRICTIONS

Notwithstanding any other provisions of this By-law, and except in a Commercial Zone on a corner lot, within the triangular space included between the street lines for a distance of 6.0 metres from the point of intersection, no building or structure including a fence or sign shall be erected and no shrubs or foliage shall be planted or maintained which obstruct the view of a driver or a vehicle approaching intersection.

#### 4.6 DANGEROUS USES

No land, building or structure shall be used in the Township of Chapple for the industrial manufacture or distribution of coal oil, rock oil, fuel oil, burning fluid gas, naphtha, benzene, gasoline, dynamite, dualene, nitroglycerine, gunpowder, petroleum products or other combustible or inflammable or liquid material which is likely to create danger to health, or danger from fire or explosion except as otherwise specifically provided for in this By-law.

#### 4.7 DRIVE-THROUGH FACILITY

1. The minimum queuing space requirements for drive-through facilities within a designated queuing lane are as follows.

Use Associated with Drive-Through Facility	Minimum Required Spaces
Restaurant	5
Gas Bar	3
Car wash	2 per bay
All Other Uses	3

##### Queuing Space Requirements

2. All queuing spaces shall be rectangular in shape, with a minimum length of 6.0 metres and a minimum width of 3.0 metres.

##### Queuing Lane Requirements

3. Where drive-through service facilities are permitted, queuing lanes are required and shall be exclusive of any other parking space and aisle requirements contained within this By-law and shall be provided in accordance with the provisions of this Section.
4. Where multiple queuing lanes are required on a lot, the queuing space requirements shall be provided for each individual queuing lane in compliance with the Queuing Space Requirements.
5. Queuing lanes shall be unobstructed and shall be clearly delineated by pavement markings or physical barriers and shall be independent of the balance of the parking area.

#### 4.8 EXISTING LOTS

An existing vacant lot, having less than minimum frontage or lot area required by this By-law, may be developed for all uses in the appropriate zone, provided all other regulations of this By-law are satisfied; and

- a. such lots can be safely serviced; and
- b. such lots have a minimum frontage of 7.5 metres on a road.

#### 4.9 FARM HELP HOUSE

Notwithstanding any other provision in this By-law, where a Farm Help House is permitted, the following provisions shall apply:

	Provision
a) Minimum Front Yard	15.0 metres
b) Minimum Side Yard	4.5 metres
c) Minimum Exterior Side Yard	15.0 metres
d) Minimum Rear Yard	15.0 metres
e) Maximum Height	10.5 metres
f) Minimum Dwelling Unit Area	45 square metres
g) Maximum Dwelling Unit Area	60 square metres

#### 4.10 GARDEN SUITES

Notwithstanding anything to the contrary in the By-law, Garden Suites shall be permitted as temporary residential accommodation for a maximum of twenty (20) years pursuant to Section 39 of the *Planning Act* and shall be considered accessory to a permitted single-detached dwelling according to the following provisions:

- a. one Garden Suite may be authorized per lot;
- b. the Garden Suite shall not be permitted to separate by consent from the main residential dwelling on the lot;
- c. the Garden Suite shall be serviced from the main dwelling on the lot, subject to the approval of the Northwestern Health Unit where required;
- d. the establishment of any new Garden Suite shall be subject to the passing of a Temporary Use By-law. The use shall not exceed twenty (20) years plus one (1) day from the date of the passing of the by-law.
- e. the Garden Suite shall be one (1) storey, having a height not to exceed 4.6 metres;
- f. the Garden Suite shall not be constructed or arranged as to constitute a travel trailer;
- g. a mobile home may be used as a Garden Suite.

As per the *Planning Act* regulations for Garden Suites, Council shall require the owner of the suite or any other person to enter into an agreement with the municipality dealing with such matters related to the temporary use of the Garden Suite as the council considers necessary or advisable, including:

- a. the installation, maintenance and removal of the Garden Suite;
- b. the monetary or other form of security that the council may require for actual or potential costs to the municipality related to the Garden Suite; and
- c. connection to existing services (sewer, water, hydro, septic, well).

#### 4.11 GROUP HOMES

A group home, licensed by the appropriate Provincial Ministry, shall be permitted within any permitted single-detached dwelling, semi-detached or duplex dwelling, subject to the following provision:

- a. When a residential use building is converted to a group home, the group home must occupy the whole of the building including all attached units within the building.

#### 4.12 HEIGHT

The height regulations shall not apply to any ornamental dome, chimney, communications tower, power transmission tower, storage silo, barn, cupola, steeple, church spire, water storage tank, elevator enclosure, flag pole, television or radio antennae, grain elevator, windmill or weather monitoring device.

#### 4.13 HOME INDUSTRY

Where a home industry is permitted in a particular zone, it shall:

- a. have at least one permanent resident of the dwelling unit engaged in the business;
- b. have not more than two persons, other than the owner, employed on a full-time basis;
- c. any external storage of materials, containers or finished products shall be screened, fenced or buffered from view to maintain an attractive appearance;
- d. be conducted entirely in an accessory building to a single-detached dwelling. The home industry shall not occupy more than 100.0 square metres in the said accessory building;
- e. be clearly secondary to the main residential use and not change the character of the dwelling unit as a private residence or create or become a nuisance due to such matters as noise, smell, hours of operation or traffic generation;
- f. be located on the same lot as the residential use; and
- g. have adequate area on the lot that is suitably separated and buffered from the main residential use for the parking and storage of all vehicles associated with the home industry.

#### 4.14 HOME OCCUPATIONS

Where a home occupation is permitted in a particular zone, it shall:

- a. have at least one permanent resident of the dwelling unit engaged in the business;
- b. in any residential zone, have no external display or advertisement other than a non-illuminated sign which is a maximum size of 1.5 square metres;
- c. have no external storage of materials, containers or finished products;
- d. not change the character of the dwelling as a private residence or create or become a nuisance;
- e. not occupy more than 25% of the floor area of the dwelling unit including in the floor area any basement area used as living quarters and any basement area used for home occupation; and
- f. have not more than two employees who is not a permanent resident of the dwelling unit.

#### 4.15 LAND WITHOUT BUILDINGS

Where land is used for or in connection with any use but without any buildings or structures therein, all yards required by the By-law on a lot in the respective use zone shall be provided and maintained as yards and the applicable regulations shall apply, except where the land or lot is used for agriculture, gardening or open space purposes not prohibited by this By-law in such use zone.

#### 4.16 LOADING SPACES

The owner of every building or structure erected for any purpose involving the receiving, shipping, loading or unloading of persons, animals, goods, wares, merchandise or raw materials shall provide and maintain loading spaces on the lot accordingly.

1. Loading spaces are required under this By-law in accordance with the Loading Space Requirement Table.

Minimum Gross Floor Area of Building	Minimum number of loading spaces required
0 – 300 square metres	0
301 – 2,300 square metres	1
2,301 – 7,400 square metres	2
Over 7,400 square metres	3

2. Each loading space shall have a minimum width of 3.5 metres, a minimum length of 9 metres and a minimum vertical clearance of 4.2 metres, and each space shall be visibly designated and marked;
3. Driveways used for ingress and egress shall be clearly marked.
4. The loading space(s) shall be located in the interior side or rear yard unless such space or spaces are removed from the street line a minimum distance of 15.0 metres.
5. The loading space requirements referred to herein shall not apply to any building in existence at the date of passing of this By-law so long as the gross floor area, as it existed at such date, is not increased by more than 300.0 square metres. If an addition is made to the building or structure, which increases the gross floor area, then additional loading spaces shall be provided as required by this Section, in accordance with the provisions of the loading Space Requirement Table for such addition.

#### 4.17 MOBILE HOMES

Mobile homes shall only be permitted where specifically listed as permitted within a particular zone. Mobile Homes shall be permitted as a garden suite as per the Garden Suite section of this By-law.

#### 4.18 NON-CONFORMING USES

1. The provisions of this By-law shall not apply or prevent the use of any lot, building or structure for any purpose prohibited by this By-law if such lot, building or structure was lawfully used for such purpose on the date of passing of this by-law providing such use has been continuous since that date; nor to prevent the erection or use for any purpose prohibited by this By-law of any building or structures the plans for which have, prior to the date of the passing of the By-law, been approved by the Chief Building Official so long as the building or structure when erected is used and continues to be used for the purpose for which it was erected and provided the erection of such building or structure is commenced within two years after the date of the passing of the By-law, and such building or structure is completed forthwith after the erection thereof is commenced.

#### 4.19 NON-COMPLIANCE WITH MINIMUM LOT OR YARD REQUIREMENTS

1. **Alterations to Non-Complying Buildings and Structures**  
Nothing in this By-law shall prevent the enlargement, renovation or repair of an existing legal non-complying building or structure provided such enlargement, renovation or repair shall not increase any existing non-compliance with an applicable zoning provision.

**2. Use of Undersized Lots**

Where a lot having less than the minimum lot area or frontage required by this By-law, exists on the date of passing of this By-law or is increased in area or frontage but still does not meet the minimum area or frontage requirements of this By-law, such lot may be used for a purpose permitted in the zone in which it is located provided that all other applicable provisions in this By-law are met.

**3. Rebuilding or Repair Permitted**

Nothing in this By-law shall prevent the rebuilding or repair of a non-complying use provided that the building or structure is built to its prior gross floor area or to a gross floor area which would not further contravene any of the regulations of this By-law, at its prior location on the lot or at a location on the lot that would not further contravene any of the regulations of this By-law and provided further that if the use is altered in any way that the use would not further contravene any of the regulations of this By-law.

**4.20 PARKING REQUIREMENTS**

The owner of land or of a building or structure erected or used for any of the purposes hereinafter set forth shall provide and maintain parking spaces for the sole use of the owner, occupant, or other persons entering upon or making use of the said premises, from time to time.

**4.20.1 PARKING SPACE REQUIREMENTS**

1. Parking spaces are required under this By-law, in accordance with the Parking Space Requirement Table. Where the calculation of required spaces exceeds a whole space by more than 0.25, the required number of spaces shall be the next whole number.
2. Where a building or structure accommodates more than one use, the required parking spaces shall be the sum of the required parking spaces for each use.
3. Where a building or structure has deficient parking spaces at the date of passing of this By-law to comply with the requirements herein, this By-law shall not be construed to require the deficiency be made up prior to the construction of any addition. However, no addition may be built and no change in use may occur, the effect of which would increase the number of deficient parking spaces.

Use	Minimum Number of Parking Spaces Required
assembly hall, auditorium, restaurant, theater, arena, community centre and private club	where there are fixed seats, 1 space for every 5 seats or for every 3.0 metres of bench space; where there are no fixed seats, 1 space for each 9.0 square metres of floor area devoted to public use
bed and breakfast establishment and rooming house	1.5 spaces for every 2 rooms rented
bowling alley	3 spaces per bowling lane
clinic	6 spaces per practitioner
curling rink	4 spaces per curling sheet
dwelling unit – single-detached, semi-detached, duplex, double duplex, townhouse, street townhouse, triplex, apartment building, bachelor, secondary dwelling unit	1.5 space per dwelling unit rounded to the next highest number
golf course	4 spaces per hole



Use	Minimum Number of Parking Spaces Required
golf driving range	1 space for every 2 persons who can be accommodated at one time
group home	1 space for every 49 square metres of floor area with a minimum of 2 spaces
home occupation and home industry	1 space for each 28 square metres of floor area or fraction thereof devoted to said use in addition to the parking required for the dwelling
hospital, nursing home	1 space for every 4 beds
hotel, motel, tavern	1 space per rental unit, plus 1 additional space for each 9.0 square metres of floor area devoted to public uses such as restaurants, taverns and other eating places associated with motels and staff houses
industrial uses	1 space for each 93 square metres of floor area or for each 3 employees whichever is greater
library	a minimum of 10 spaces or 1 space per 28 square metres of building floor space, whichever is greater
marina	1 space per 28 square metres of retail floor area plus 1 space for each boat slip
place of worship	1 space for every 6 seats or 4.0 metres of bench space of its maximum seating capacity
professional office	1 space per 28 square metres of floor area
retail store	1 space per 28 square metres of retail floor area
retirement home	1 space per dwelling unit
riding stable	1 space for every 4 horses available for public riding
schools	1 space for each teaching staff member, plus 1 additional space for each 20 square metres of auditorium or gymnasium floor space

**4. Barrier-Free Parking Spaces**

Barrier-free parking spaces shall be provided as follows:

Total Number of Parking Spaces	Required Number of Barrier-Free Spaces
0-9	0
10-99	1
100-199	2
200 plus	3

**4.20.2 DESIGN OF SPACES**

- Each parking space shall be a minimum of 3.0 metres by 6.0 metres and shall be provided with unobstructed access to a street by a driveway, aisle or lane.
- Barrier-Free Parking Spaces shall be a minimum of 3.7 metres by 6.0 metres.

#### 4.20.3 DESIGN OF PARKING LOTS

1. Where in this By-law parking areas designed for 4 or more vehicles are required or permitted:
  - a. adequate drainage facilities shall be provided and maintained in accordance with the requirements of the Township;
  - b. the parking area and approaches shall be surfaced with concrete, asphalt, crushed stone, gravel or a combination thereof with a stable surface treated to prevent the raising of dust or loose particles;
  - c. the lights used for illumination of parking areas shall be so arranged as to divert the light away from adjacent lots;
  - d. parking areas shall be within 90.0 metres of the location which it is intended to serve and shall be situated in the same zone; and
  - e. a strip of land not less than 3.0 metres wide lying within the lot in which the parking area is located and along all boundaries of said area shall be used for landscaping, excluding those areas used as entrances and exits.
  - f. the parking area and any loading area shall be screened from any abutting residential use by a landscaped buffer strip, in compliance with the Buffer Strip provisions of this By-law.
2. No person shall, within any Residential Zone, use any part of any front yard except the driveway for the parking or temporary storage of tent trailers, motor homes, travel trailers, truck campers, school buses, converted buses, fifth wheel units or motorized snow vehicles; and
3. Tandem parking of vehicles is permitted to accommodate the parking requirements for single-detached dwellings, semi-detached dwelling units, duplex units, townhouse dwelling units, mobile homes, group homes, home occupations and home industries.

#### 4.21 PERMITTED ENCROACHMENTS IN YARDS

Every part of any yard required by this By-law shall be open and unobstructed by any structure, other than a fence, deck or patio from the ground to the sky, provided however that those structures listed in the following table shall be permitted to project into the yards as per the following table:

Structure	Yard in Which Projection is Permitted	Maximum Permitted Projection
Balconies	Front and rear yards for single-detached, semi-detached and duplex dwellings; any yard for apartment buildings	2.0 metres
Canopies over entrances	Front and rear yards only	3.0 metres
Fire escapes, and exterior staircases	Rear yard only	1.5 metres
Gate house	Any yard in a commercial or industrial zone	1.0 metres from property boundary
Open roofed porches not exceeding one storey in height; covered terraces	Any yard	2.5 metres including eaves and cornices
Sills, belt courses, cornices, eaves, gutters, chimneys, parapets or pilasters	Any yard	0.5 metres
Bay Windows	Front and rear yards only	1.0 metres

#### 4.22 PERMITTED PUBLIC USES

This By-law permits the use of land in any zone, construction or re-construction, of any building or structure for the purposes of the provision of public services by the Township or of any telephone company, cable company, transportation or other public utility owned, operated or authorized by or for the Township, any department of the Federal or Provincial Governments, including TransCanada Pipeline, Hydro One or any conservation authority established by the Government of Ontario provided that:

- a. the use, building or structure complies with the provisions of that zone;
- b. any building or structure is designed and maintained in general harmony with the buildings and structures in that zone; or
- c. there is no exterior storage of goods, materials or equipment in any Residential zone.

#### 4.23 PROHIBITED USES

Notwithstanding other provisions contained in this By-law, no land or building in any zone shall be used for any purpose which from its nature or from the materials used is declared to be a health hazard under the *Health Protection and Promotion Act* without the consent of the local Medical Officer of Health as provided in that Act.

#### 4.24 NOXIOUS TRADE

Except as may otherwise be specifically permitted under this By-law, no use shall be permitted which, from its nature or the materials used therein, is defined as a noxious trade, business or manufacturer under the *Health Protection and Promotion Act*, R.S.O., 1990, as amended, and the Regulations passed thereunder.

#### 4.25 ROAD FRONTAGE REQUIRED

No person shall erect any building or structure for permanent, year-round or full-time use unless the lot upon which such building or structure is to be erected, except as otherwise specifically permitted by this By-law, has lot frontage upon a road which has been assumed by the Township, Province of Ontario or some other road authority, and is maintained year round by such authority in such a manner so as to permit its use by vehicular traffic.

1. Notwithstanding the foregoing, a building or structure may be erected upon a lot within a registered plan of subdivision in accordance with the provisions of a subdivision agreement in respect of such plan by subdivision notwithstanding that the roads within such plan of subdivision have not been assumed and are not being maintained by the Township.
2. Notwithstanding anything to the contrary in this clause, buildings and structures accessory to agricultural, forestry and mining uses, but not for human habitation or occupation are permitted in appropriate zones where publicly maintained road frontage is not available.

#### 4.26 SECONDARY DWELLING UNIT

Any secondary dwelling units shall be developed in accordance with the following provisions:

- a. A maximum of one secondary dwelling unit shall be permitted in single-detached, semi-detached and townhouse dwellings where permitted by this By-law, provided that:
  - i) It does not change the streetscape character along the street where it is located;
  - ii) It is not a stand-alone, principal unit capable of being severed;
  - iii) It only exists with, and must be contained within the same building as, its principal dwelling unit; and
  - iv) A building permit is required prior to the establishment of a secondary dwelling unit and must follow the requirements of the *Ontario Building Code*.

- b. The doorway entrance that leads to a secondary dwelling unit is limited to locations on the ground floor only, except where building and fire codes dictate otherwise.
- c. Parking for the secondary dwelling unit shall be provided in accordance with the parking provisions in this By-law.
- d. Notwithstanding any other provision in this By-law, the required parking space for a secondary dwelling unit may be stacked behind the required parking space of the principal dwelling in the driveway. The creation of the secondary dwelling unit must not eliminate a required parking space for the principal dwelling unit.
- e. Where a secondary dwelling unit is located on a lot, no rooming units are permitted on the lot.

#### **4.27 SEPARATION DISTANCES**

New non-farm residential dwellings shall be located away from existing intensive agricultural uses such as livestock or poultry buildings or liquid manure storage structures in accordance with the Minimum Distance Separation I Criteria and new intensive agricultural operations shall be located away from existing non-farm residential dwellings in accordance with the Minimum Distance Separation II Criteria of the Ministry of Agriculture, Food and Rural Affairs.

#### **4.28 SERVICE STATIONS AND GAS BARS**

Fuel pumps and fuel pump islands may be located in any required yard; however no portion of any fuel pump island shall be erected closer than 6.0 metres from any road allowance:

- a. the minimum distance from the intersection of the front and side lot line to the nearest ingress or egress ramp shall not be less than 9.0 metres;
- b. the maximum width of a curb ramp at the front or side lot line shall not be more than 7.0 metres;
- c. the minimum distance between the ramps shall not be less than 9.0 metres;
- d. a canopy or roof may be erected over fuel pumps and fuel pump islands or may be extended from the main building to the pump island, however a minimum setback of 3.0 metres is required between the extent of the canopy or the roof and any lot line;
- e. where the lot is a corner lot, no portion of any canopy or roof shall be located within any sight triangle.

#### **4.29 SERVICES REQUIRED**

Notwithstanding any other provisions of this By-law, no lands shall be used nor any building or structure erected or used thereon unless:

- a. public sanitary sewer and water services are available and capable of servicing the said land, buildings or structures; or
- b. the requirements of the Northwestern Health Unit and the Ministry of the Environment are met for the use of private water supply and sewage treatment services for the servicing of said land, buildings or structures.

#### 4.30 SETBACKS ON PROVINCIAL HIGHWAYS

1. Where the following types of development are proposed in proximity to provincial highways, a permit shall be obtained from the Ministry of Transportation:

Type of development	Distance within which an MTO Permit is required
Building, structure, entrance or any road	45 m of the limit of any highway  180 m of the centre point of any intersection (on King's Highways)  395 m of the centre point of any interchange (on controlled-access highways)
Sign	400 m of the limit of the highway
Major developments or uses (i.e. shopping centre, stadium, fair ground, race track, drive-in theatre or any other purpose that causes persons to congregate in large numbers)	800 m of the limit of the highway

#### 4.31 SETBACK FROM NAVIGABLE AND NON-NAVIGABLE WATERCOURSES, HAZARD LAND AND MUNICIPAL SURFACE DRAINS

Notwithstanding any other provisions of this By-law, a building in any zone along the Rainy River is required to be no nearer than 30.0 metres from the top of the bank. Buildings along the Pinewood River, the Sturgeon River, their tributaries any other watercourse, or municipal drainage are required to have a 15 metre setback from the edge of the bank.

#### 4.32 SETBACK FROM SOLID WASTE DISPOSAL SITE

Notwithstanding any other provisions of this By-law, no habitable building or structure shall be located closer than 500.0 metres to any land zoned Waste Disposal Site (WD) Zone.

#### 4.33 SPECIAL USES PERMITTED

Nothing in this By-law shall prevent the use of land or the use or erection of a building or structure for:

- a. a scaffold or other temporary building or structure incidental to construction in progress on premises for which a building permit has been granted, until such time as the work has been finished or abandoned;
- b. a sign having an area of not more than 4.7 square metres incidental to construction in progress on premises for which a building permit has been granted, until such time as the work has been finished or abandoned;
- c. a street sign or street light or yard light;
- d. an authorized sign or signal;
- e. a public election list or other proclamation of governmental authority; or
- f. a sign erected to fulfill the conditions of a registered subdivision agreement.

#### 4.34 STRUCTURES IN WATER

No person shall erect, alter or use any structure located in navigable water except in compliance with the *Lakes and Rivers Improvement Act and the Navigable Waters Act* as revised or amended from time to time.

#### **4.35 TELEVISION DISH ANTENNAE**

Any television dish antennae larger than 1.0 metre in diameter shall not be located in the front yard on any lot.

#### **4.36 TEMPORARY BUILDINGS**

The temporary use of buildings and structures, including mobile homes, incidental to and necessary for lawful construction work shall be permitted in all zones, but only for as long as the same are necessary for the construction work subject to an agreement with the Township.

#### **4.37 TRUCK, BUS AND COACH BODIES OR TRAILERS OR TENTS USED FOR HUMAN HABITATION**

Except as expressly permitted by this By-law no truck, bus, railroad car, caboose, coach or streetcar body shall be used for human habitation whether the same is mounted on wheels or not. Except as expressly permitted by this By-law, the use of tents and trailers for human habitation is prohibited; however, this provision shall not prevent the occasional accommodation of guests in a Residential Zone.

#### **4.38 YARD AND OPEN SPACE PROVISIONS FOR ALL ZONES**

No part of a yard or other open space required abutting any building for the purpose of complying with the provisions of this By-law shall be included as part of a yard or other open space similarly required for another building.

## SECTION 5 AGRICULTURAL ZONE (A) REGULATIONS

### 5.1 PERMITTED USES

No land shall be used in Agricultural Zone (A) except for the following purposes:

- Agricultural Service
- Agricultural Use
- Conservation Use
- Dwelling, Single-detached
- Farm Help House
- Forestry Use
- Guest Cabin
- Home Industry
- Home Occupation
- Hunt Camp
- Mineral Exploration
- Mobile Home

### 5.2 ZONE PROVISIONS

The following zone provisions shall apply to permitted uses in the A Zone:

	Provision
a) Minimum Lot Area	4 hectares
b) Minimum Lot Frontage	100.0 metres
c) Maximum Lot Coverage	15.0 percent
d) Minimum Front Yard	15.0 metres
e) Minimum Side Yard	15.0 metres
f) Minimum Exterior Side Yard	15.0 metres
g) Minimum Rear Yard	15.0 metres
h) Maximum Height	10.5 metres
i) Minimum Dwelling Unit Area	60.0 square metres

### 5.3 USE SPECIFIC PROVISIONS

Notwithstanding Section 5.2, the following provisions shall apply to the Agricultural Service Use:

	Agricultural Service
a) Minimum Lot Area	1.2 hectares
b) Minimum Lot Frontage	90.0 metres
c) Maximum Lot Coverage	15 percent
d) Minimum Front Yard	15.0 metres
e) Minimum Side Yard	15.0 metres
f) Minimum Rear Yard	15.0 metres
g) Maximum Height	10.5 metres
h) Minimum Ground Floor Area	60.0 square metres

## SECTION 6 RURAL ZONE (RU) REGULATIONS

### 6.1 PERMITTED USES

No land shall be used in the Rural Zone (RU) except for the following purposes:

- Agricultural Service
- Agricultural Use
- Conservation Use
- Dwelling, Single-detached
- Farm Help House
- Forestry Use
- Garden Suite
- Grain Elevator and Grain Drying Facility
- Greenhouse Commercial
- Guest Cabin
- Home Industry
- Home Occupation
- Hunt Camp
- Kennel, Animal
- Manufacturing, Light
- Mineral Exploration
- Mobile Home
- Peat Extraction and Processing
- Portable Asphalt Plant
- Light Industrial Use
- Recreational Use
- Retirement Home
- Secondary Dwelling Unit
- Small Scale Commercial Use
- Wildlife Management

### 6.2 ZONE PROVISIONS

The following zone provisions shall apply to permitted uses in the RU Zone:

	Provision
a) Minimum Lot Area	4.0 hectares
b) Minimum Lot Frontage	100.0 metres
c) Maximum Lot Coverage	10.0 percent
d) Minimum Front Yard	15.0 metres
e) Minimum Side Yard	7.5 metres
f) Minimum Exterior Side Yard	15.0 metres
g) Minimum Rear Yard	15.0 metres
h) Maximum Height	10.5 metres
i) Minimum Dwelling Unit Area	60.0 square metres



### 6.3 USE SPECIFIC PROVISIONS

Notwithstanding Section 6.2, the following provisions shall apply to the uses listed in the following table:

	Provision Per Use	
	Single-detached Dwelling	Agricultural Service / Light Industrial Uses / Small Scale Commercial Use / Home Industry
a) Minimum Lot Area	1.2 hectares	1.2 hectares
b) Minimum Lot Frontage	90.0 metres	90.0 metres
c) Maximum Lot Coverage	10 percent	15 percent
d) Minimum Front Yard	15.0 metres	15.0 metres
e) Minimum Side Yard	7.5 metres	15.0 metres
f) Minimum Exterior Side Yard	15.0 metres	15.0 metres
g) Minimum Rear Yard	15.0 metres	15.0 metres
h) Maximum Height	10.5 metres	10.5 metres
i) Minimum Ground Floor	60.0 square metres	60.0 square metres

## SECTION 7 RESIDENTIAL 1 ZONE (R1) REGULATIONS

### 7.1 PERMITTED USES

No land shall be used in the Residential 1 Zone (R1) except for the following purposes:

- Dwelling, Single-detached
- Garden Suite
- Group Home
- Home Occupation
- Modular Dwelling
- Secondary Dwelling Unit

### 7.2 ZONE PROVISIONS

The following zone provisions shall apply to permitted uses in the R1 Zone:

	Provision from the Main Building	
	Single-detached Dwelling, Group Home	Modular Dwelling
a) Minimum Lot Area	650 square metres	400 square metres
b) Minimum Lot Frontage	18.0 metres	12.0 metres
c) Maximum Lot Coverage	35 percent	30 percent
d) Minimum Front Yard	7.5 metres	7.5 metres
e) Minimum Side Yard	2.0 metres	2.0 metres
f) Minimum Exterior Side Yard	4.5 metres except where the entrance to a garage faces an exterior side yard the minimum side yard for the garage shall be 6.0 metres	4.5 metres
g) Minimum Rear Yard	9.0 metres	7.5 metres
h) Maximum Dwelling Height	10.5 metres	4.0 metres
i) Minimum Dwelling Unit Area	80 square metres	45.0 square metres

### 7.3 RESIDENTIAL 1 ZONE - HOLDING ZONE - R1(H)

New developments are not permitted on lands zoned R1(H). Additions to existing buildings and the construction of accessory buildings are permitted.

## SECTION 8 RESIDENTIAL 2 ZONE (R2) REGULATIONS

### 8.1 PERMITTED USES

No land shall be used in the Residential 2 Zone (R2) except for the following purposes:

- Dwelling, Duplex
- Dwelling, Semi-detached
- Dwelling, Single-detached
- Group Home
- Home Occupation
- Modular Dwelling
- Secondary Dwelling Unit

### 8.2 ZONE PROVISIONS

The following zone provisions shall apply to permitted uses in the R2 Zone:

		Provision for the Main Building			
		Single-detached Dwelling	Semi-detached Dwelling	Duplex Dwelling, Group Home	Modular Dwelling
a)	Minimum Lot Area	465 square metres	372 square metres per unit	650 square metres	400 square metres
b)	Minimum Lot Frontage	15.0 metres	12.2 metres per unit	18.0 metres	12.0 metres
c)	Maximum Lot Coverage	30 percent	40 percent	35 percent	30 percent
d)	Minimum Front Yard	7.5 metres	7.5 metres	7.5 metres	7.5 metres
e)	Minimum Side Yard	1.2 metres	1.2 metres, no side yard is required for common vertical wall dividing one unit from another.	2.0 metres	2.0 metres
f)	Minimum Exterior Side Yard	3.0 metres except where the entrance to a garage faces an exterior side yard the minimum side yard for the garage shall be 6.0 metres	3.0 metres on each side, except that where an entrance to a garage faces an exterior side yard, the exterior side yard shall be 6.0 metres	4.5 metres on each side, except that where an entrance to a garage faces an exterior side yard, the exterior side yard shall be 6.0 metres	4.5 metres
g)	Minimum Rear Yard	7.5 metres	7.5 metres	9.0 metres	7.5 metres
h)	Maximum Dwelling Height	10.5 metres	10.5 metres	10.5 metres	4.0 metres
i)	Minimum Dwelling Unit Area	80 square metres	80 square metres	80 square metres	45.0 square metres

## SECTION 9 RESIDENTIAL MULTIPLE ZONE (R3) REGULATIONS

### 9.1 PERMITTED USES

No land shall be used in the Residential Multiple Zone (R3) except for the following purposes:

- Apartment Building
- Dwelling, Single-detached (existing)
- Dwelling, Semi-detached (existing)
- Dwelling, Duplex (existing)
- Dwelling, Double Duplex
- Dwelling, Townhouse
- Dwelling, Street Townhouse
- Dwelling, Triplex
- Nursing Home
- Retirement Home
- Rooming House
- Seasonal Residence
- Secondary Dwelling Unit

### 9.2 USE SPECIFIC PROVISIONS

Zone provisions for existing single detached, semi-detached and duplex dwellings shall be in accordance with the provisions for these uses as set out in Section 8.2 of this By-law.

The following zone provisions shall apply to permitted uses in the R3 Zone:

	Provision Per Use					
	Double Duplex Dwelling	Town-house Dwelling	Street Townhouse Dwelling	Triplex Dwelling	Apartment Building, Nursing Home	Rooming House
a) Minimum Lot Area	744 square metres	285 square metres	230 square metres	690 square metres	690 square metres	650 square metres
b) Minimum Lot Frontage	12.2 metres	30 metres	6.7 metres	21.0 metres	30.0 metres	18.0 metres
c) Maximum Lot Coverage	40 percent	40 percent	40 percent	35 percent	35 percent	35 percent
d) Minimum Front Yard	7.5 metres	7.5 metres	6.0 metres	7.5 metres	7.5 metres	7.5 metres
e) Minimum Side Yard	4.5 metres	7.5 metres. No interior side yard is required between the common vertical wall dividing one unit from another.	2.0 metres for end units. No interior side yard is required between the common vertical wall dividing one unit from another.	4.5 metres	6.0 metres, except that where the interior lot line abuts an R1, R2, or R4 Zone, a minimum side yard equal to the building height is required to a maximum of 10.5 metres	2.0 metres
f) Minimum Exterior Side Yard	4.5 metres	4.5 metres	4.5 metres	6.0 metres	7.5 metres	4.5 metres
g) Minimum Rear Yard	9.0 metres	7.5 metres	7.5 metres	9.0 metres	7.5 metres, except that where the rear lot line abuts an R1, R2, or R4 Zone, a minimum rear yard equal to the building height is required to a maximum of 10.5 metres	9.0 metres
h) Minimum Distance Between Apartment Buildings on the Same Lot					20 metres	
i) Minimum Landscaped Open Space	20 percent	25 percent		20 percent	30 percent	30 percent
j) Maximum Dwelling Height	10.5 metres	10.5 metres	10.5 metres	10.5 metres	10.5 metres	10.5 metres

		Provision Per Use					
		Double Duplex Dwelling	Town-house Dwelling	Street Townhouse Dwelling	Triplex Dwelling	Apartment Building, Nursing Home	Rooming House
k)	Minimum Dwelling Unit Area	80 square metres	80 square metres	80 square metres	60 square metres	45 square metres	110 square metres

## SECTION 10 MOBILE HOME PARK ZONE (MHP) REGULATIONS

### 10.1 PERMITTED USES

No land shall be used in the Mobile Home Park Zone (MHP) except for the following purposes:

- Mobile Home

### 10.2 ZONE PROVISIONS

The following zone provisions shall apply to permitted uses in the MHP Zone:

	Provision
a) Minimum Lot Area	2.0 hectares
b) Minimum Site Area per Unit	275 square metres
c) Minimum Lot Frontage	90 metres
d) Maximum Lot Coverage	30 percent
e) Minimum Front Yard	9.0 metres
f) Minimum Side Yard	7.5 metres
g) Minimum Exterior Side Yard	9.0 metres
h) Minimum Rear Yard	9.0 metres
i) Minimum Landscaped Open Space	10 percent
j) Maximum Dwelling Height	4.0 metres
k) Minimum Dwelling Unit Area	45 square metres

## SECTION 11 HIGHWAY COMMERCIAL ZONE (C1) REGULATIONS

### 11.1 PERMITTED USES

No land shall be used in the Highway Commercial Zone (C1) except for the following purposes:

- Accessory Dwelling Unit or Mobile Home for a caretaker, owner or manager of a permitted use in association with the following uses:
  - Agricultural Services
  - Animal Hospital
  - Automobile Service Station
  - Builders' Supply Outlet
  - Bulk Sales Establishment
  - Business or Professional Office
  - Club, Commercial
  - Club, Private
  - Community Centre
  - Drive-through Facility
  - Entertainment Facility
  - Financial Institution
  - Flea Market
  - Funeral Home
  - Hotel
  - Motel
  - Personal Service Establishment
  - Recreational Vehicle or Boat Sales and Service Establishment
  - Restaurant
  - Retail Store
  - Shopping Centre
  - Tavern
  - Taxi Stand
  - Tourist Commercial Establishment
  - Vehicle Repair Shop

### 11.2 ZONE PROVISIONS

The following zone provisions shall apply to permitted uses in the C1 Zone:

	Provision
a) Minimum Lot Area <ul style="list-style-type: none"> <li>▪ Unserved</li> <li>▪ Served</li> </ul>	1.2 hectare no minimum required
b) Minimum Lot Frontage <ul style="list-style-type: none"> <li>▪ Unserved</li> <li>▪ Served</li> </ul>	50.0 metres No minimum required
c) Minimum Lot Coverage <ul style="list-style-type: none"> <li>▪ Unserved</li> <li>▪ Served</li> </ul>	30 percent 50 percent
d) Minimum Front Yard	15 metres
e) Minimum Side Yard	10.0 metres
f) Minimum Exterior Side Yard	10.0 metres

Provision	
g) Minimum Rear Yard	10.0 metres
h) Minimum Landscaped Open Space	20 percent
i) Maximum Building Height	10.5 metres
j) Minimum Floor Area	60 square metres
k) Buffer Strip	Where a Highway Commercial Zone (C 1) abuts a residential, institutional or open space zone, a buffer strip shall be provided along the property line having a minimum width of 3.0 metres

### 11.3 USE SPECIFIC PROVISIONS

Notwithstanding Section 11.2, the following provisions shall apply to Automobile Service Stations and Vehicle Repair Shops:

Automobile Service Stations and Vehicle Repair Shops	
a) Minimum Lot Area <ul style="list-style-type: none"> <li>▪ Unserved</li> <li>▪ Served</li> </ul>	0.8 hectare 1400 square metres
b) Minimum Lot Frontage <ul style="list-style-type: none"> <li>▪ Unserved</li> <li>▪ Served</li> </ul>	36.0 metres 25.0 metres
c) Minimum Lot Coverage	35 percent
d) Minimum Front Yard	15.0 metres
e) Minimum Side Yard	4.5 metres
f) Minimum Exterior Side Yard	7.5 metres
g) Minimum Rear Yard	7.5 metres
h) Minimum Landscaped Open Space	10 percent
i) Minimum Landscaped Open Space	20 percent
j) Maximum Building Height	10.5 metres
k) Minimum Floor Area	40 square metres
l) Buffer Strip	Where an automobile service station or Vehicle Repair Shop abut a residential, Institutional or open space use, a buffer strip shall be provided along the property line having a minimum width of 3.0 metres
m) Open storage	Open storage is prohibited, except merchandise offered for sale



## 11.4 ZONE PROVISIONS FOR ACCESSORY USES

1. Notwithstanding Section 11.2, the following provisions shall apply to Accessory Dwelling Units:

	Provision
a) Minimum Front Yard	15.0 metres
b) Minimum Side Yard	4.5 metres
c) Minimum Exterior Side Yard	6.0 metres
d) Minimum Rear Yard	7.5 metres
e) Minimum Dwelling Unit Area	45 square metres

## SECTION 12 GENERAL COMMERCIAL ZONE (C2) REGULATIONS

### 12.1 PERMITTED USES

No land shall be used in the General Commercial Zone (C2) except for the following purposes:

- Apartment Dwelling
- Apartment Dwelling
- Automobile Service Station
- Bake Shop
- Builders' Supply Outlet
- Business or Professional Office
- Club, Commercial
- Club, Private
- Community Centre
- Contractor's Yard
- Drive-through Facility
- Entertainment Facility
- Financial Institution
- Funeral Home
- Gas Bar
- Manufacturing, Light
- Motor Vehicle or Recreation Vehicle Sales, Leasing and Storage Establishment
- Parking Lot
- Personal Service Establishment
- Restaurant
- Retail Store
- School, Commercial
- Shopping Centre
- Tavern
- Taxi Stand
- Vehicle Repair Shop

### 12.2 ZONE PROVISIONS

Notwithstanding Provision 12.2 of this By-law, the following zone provisions shall apply to permitted uses in the C2 Zone:

	Provision
a) Minimum Lot Area	No minimum required
b) Minimum Lot Frontage	No minimum required
c) Maximum Lot Coverage	60 percent
d) Minimum Front Yard	6.0 metres
e) Minimum Side Yard	2.0 metres
f) Minimum Exterior Side Yard	4.5 metres
g) Minimum Rear Yard	6.0 metres
h) Minimum Landscaped Open Space	none
i) Maximum Height	10.5 metres
j) Minimum Floor Area	60 square metres
k) Buffer Strip	Where abutting a residential, institutional or open space zone, a 3.0 metres buffer strip shall be provided.

### 12.3 USE SPECIFIC PROVISIONS

1. The following zone provisions shall apply to Accessory Apartments within a commercial building:

	Provision
a) Minimum Amenity Area	9 square metres per dwelling unit
b) Minimum Dwelling Unit Area	
i. Bachelor unit	45 square metres
ii. One Bedroom	55 square metres
iii. Two Bedroom	65 square metres
c) Location within a commercial building	Above or behind the commercial use

2. Notwithstanding the Zone Provisions in the C2 Zone, Manufacturing, Light uses shall not exceed 50 percent of the floor area and the products manufactured primarily for sale at retail on the premises.

## SECTION 13 NEIGHBOURHOOD COMMERCIAL ZONE (C3) REGULATIONS

### 13.1 PERMITTED USES

No land shall be used in the Neighbourhood Commercial Zone (C3) except for the following purposes:

- Apartment Dwelling for a caretaker, owner or manager in association with the following uses:
- Convenience Store
- Personal Service Establishment

### 13.2 ZONE PROVISIONS

The following zone provisions shall apply to permitted uses in the C3 Zone:

	Provision
a) Minimum Lot Area	700 square metres
b) Minimum Lot Frontage	15.0 metres
c) Maximum Lot Coverage	40 percent
d) Minimum Front Yard	7.5 metres
e) Minimum Side Yard	3.0 metres, except where the interior side yard abuts a Residential Zone, 4.5 metres is required
f) Minimum Exterior Side Yard	4.5 metres
g) Minimum Rear Yard	7.5 metres, except where the rear yard abuts a Residential Zone, 12 metres is required
h) Minimum Landscaped Open Space	20 percent
i) Maximum Height	10.5 metres
j) Minimum Floor Area	60 square metres
k) Open storage	None permitted

### 13.3 ZONE PROVISIONS FOR ACCESSORY USES

1. The following provisions shall apply to Apartments Dwellings within a commercial building:

	Provision
d) Minimum Amenity Area	9 square metres per dwelling unit
e) Minimum Dwelling Unit Area	
iv. Bachelor unit	45 square metres
v. One Bedroom	55 square metres
vi. Two Bedroom	65 square metres
f) Location within a commercial building	Above or behind the commercial use

## SECTION 14 INDUSTRIAL ZONE (M1) REGULATIONS

### 14.1 PERMITTED USES

No land shall be used in the Industrial Zone (M1) except for the following purposes:

- Accessory Dwelling Unit or Mobile Home for a caretaker, owner or manager and / or retail use in association with the following uses:
- Abattoir
- Automobile Wrecking Yard or Scrap Metal Yard
- Airport or Aircraft Landing Area
- Bulk Sales Establishment
- Commercial Storage Facility
- Contractor's Yard
- Industrial Use
- Light Industrial Use
- Manufacturing, Light
- Open Storage
- Portable Asphalt Plant
- Public Services
- Warehouse

### 14.2 ZONE PROVISIONS

The following zone provisions shall apply to permitted uses in the M1 Zone:

	Provision
a) Minimum Lot Area	
i. Unserviced	1.2 hectare
ii. Serviced	4000 square metres
b) Minimum Lot Frontage	
i. Unserviced	40.0 metres
ii. Serviced	30.0 metres
c) Maximum Lot Coverage	
i. Unserviced	35 percent
ii. Serviced	50 percent
d) Minimum Front Yard	15 metres
e) Minimum Side Yard	10 metres
f) Minimum Exterior Side Yard	10 metres
g) Minimum Rear Yard	10 metres
h) Minimum Landscaped Open Space	10 percent
i) Maximum Building Height	12 metres
j) Minimum Floor Area	140 square metres
k) Buffer Strip	3,0 metres where the lot abuts a residential, institutional or open space zone
l) Open Storage	may be located in an interior side yard and rear yard and shall be screened from adjacent streets by means of fencing and / or landscaping features. Open storage shall not a permitted within 9.0 metres of a residential zone.

### 14.3 ZONE PROVISIONS FOR ACCESSORY USES

1. Notwithstanding Section 14.2 of the Zoning By-law, the following provisions shall apply to Accessory Dwelling Units and Mobile Homes:

	Provision
a) Minimum Front Yard	15.0 metres
b) Minimum Side Yard	4.5 metres
c) Minimum Exterior Side Yard	6.0 metres
d) Minimum Rear Yard	7.5 metres
e) Minimum Dwelling Unit Area	45 square metres
f) Minimum Landscaped Open Space	10.5 metres

2. Notwithstanding any provision to the contrary, retail use area shall comprise a maximum of 5 percent of the ground floor area or 278 square metres, whichever is greater.

## SECTION 15 AGGREGATE EXTRACTION ZONE (MX) REGULATIONS

### 15.1 PERMITTED USES

No land shall be used in the Aggregate Extraction Industrial (MX) Zone except for the following purposes:

- Mineral Aggregate Operation
- Open Storage

### 15.2 ZONE PROVISIONS

The following zone provisions shall apply to permitted uses in the MX Zone:

	Provision
a) Minimum Lot Area	4.0 hectares
b) Minimum Lot Frontage	100.0 metres
c) Minimum Excavation Setback	
I. front lot line	15.0 metres
II. from road allowance	30.0 metres
III. from abutting lands used for residential, institutional, commercial or recreational uses	300.0 metres
d) Minimum Setback for Building, Equipment, Machinery, or Stockpiling	
I. from lot line	30.0 metres
II. from road allowance	30.0 metres
III. from lands used or zoned for residential purposes	90.0 metres
e) Buffer Strip	Where an aggregate use abuts a residential, institutional, commercial or open space use, a buffer strip together with screening measures shall be provided along the property line having a minimum width of 6.0 metres
f) Retail Use Area	80 square metres
g) Open storage	230 square metres

## SECTION 16 MINERAL MINING ZONE (MM) REGULATIONS

### 16.1 PERMITTED USES

No land shall be used in the Mineral Mining (MM) Zone except for the following purposes:

- Mineral Mining Operation
- Open Storage

### 16.2 ZONE PROVISIONS

The following zone provisions shall apply to permitted uses in the MM Zone:

	Provision
a) Minimum Lot Area	4.0 hectares
b) Minimum Lot Frontage	100.0 metres
c) Minimum Excavation Setback	
IV. front lot line	15.0 metres
V. from road allowance	30.0 metres
VI. from abutting lands used for residential, institutional, commercial or recreational uses	300.0 metres
d) Minimum Setback for Building, Equipment, Machinery, or Stockpiling	
IV. from lot line	30.0 metres
V. from road allowance	30.0 metres
VI. from lands used or zoned for residential purposes	90.0 metres
e) Buffer Strip	Where an mining use abuts a residential, institutional, commercial or open space use, a buffer strip together with screening measures shall be provided along the property line having a minimum width of 6.0 metres
f) Retail Use Area	80 square metres
g) Open storage	230 square metres



## SECTION 17 INSTITUTIONAL ZONE (I) REGULATIONS

### 17.1 PERMITTED USES

No land shall be used in the Institutional Zone (I) except for the following purposes:

- Animal Shelter
- Arena
- Assembly Hall
- Cemetery
- Club, Private
- Community Centre
- Institutional Use
- Place of Worship
- Public Service
- School
- School, Private

### 17.2 ZONE PROVISIONS

The following zone provisions shall apply to permitted uses in the I Zone:

	Provision
a) Minimum Lot Area	
i. Unserviced	1.2 hectares
ii. Serviced	No minimum required
b) Maximum Lot Coverage	50 percent
c) Minimum Front Yard	7.5 metres
d) Minimum Side Yard	5.0 metres
e) Minimum Rear Yard	7.5 metres
f) Maximum Building Height	10.5 metres

## SECTION 18 WASTE DISPOSAL ZONE (WD) REGULATIONS

### 18.1 PERMITTED USES

No land shall be used in the Waste Disposal Zone (WD) except for the following purposes:

- Solid Waste Disposal Facility
- Waste Processing and Transfer Facility

### 18.2 ZONE PROVISIONS

The following zone provisions shall apply to permitted uses in the WD Zone:

	Provision
a) Minimum Lot Area	20.0 hectares
b) Minimum Lot Frontage	100.0 metres
c) Minimum Front Yard	30.0 metres
d) Minimum Side Yard	30.0 metres
e) Minimum Rear Yard	30.0 metres
f) Maximum Building Height	10.5 metres
g) Minimum Landscaped Area	20 percent

## SECTION 19 OPEN SPACE ZONE (OS) REGULATIONS

### 19.1 PERMITTED USES

No land shall be used in the Open Space Zone (OS) except for the following purposes:

- Campground
- Cemetery
- Conservation Use
- Dock
- Fairground
- Golf Course
- Golf Driving Range
- Marina
- Park, private
- Park, public
- Recreation Use
- Trailer Park
- Wildlife Management

### 19.2 ZONE PROVISIONS

The following zone provisions shall apply to permitted uses in the OS Zone:

	Provision
a) Minimum Lot Area	
i. Unserviced	0.4 hectares
ii. Serviced	No minimum required
b) Minimum Lot Frontage	
i. Unserviced	30.0 metres
ii. Serviced	No minimum required
c) Maximum Lot Coverage	15 percent
d) Minimum Front Yard	10.0 metres
e) Minimum Side Yard	10.0 metres
f) Minimum Rear Yard	10.0 metres
g) Maximum Building Height	10.5 metres
h) Maximum Floor Area	50.0 square metres

## **SECTION 20        CONSERVATION AND ENVIRONMENTAL PROTECTION ZONE (CEP) REGULATIONS**

### **20.1 PERMITTED USES**

No land shall be used in the Conservation and Environmental Protection Zone (CEP) except for the following purposes:

- Agricultural Use
- Conservation Use
- Dwellings existing at the date of the passing of this By-law, and uses, buildings and structures accessory thereto, but not conversions or enlargements thereof
- Forestry Use
- Mineral Exploration
- public and private parks, including playgrounds, picnic facilities, sport fields, tennis courts, golf course, outdoor natural rinks and docks.
- Public Services
- Wildlife Management

### **20.2 FILL**

No fill shall be placed on or removed from land in the Conservation and Environmental Protection Zone (CEP) whether originating on such lands or elsewhere.

### **20.3 EXCEPTION ZONE**

Notwithstanding the uses permitted in Section 19.1 of the Zoning By-law, on lands shown as CEP(1) only the following uses are shall be permitted:

- Conservation Use
- Public Services

## SECTION 21 ZONING SCHEDULES

### 21.1 ZONING SCHEDULES

This Section includes the two (2) zoning schedules (maps) for the entire Township of Chapple labeled:

- Schedule A – Township of Chapple;
- Schedule A1 – Village of Barwick Settlement Area.

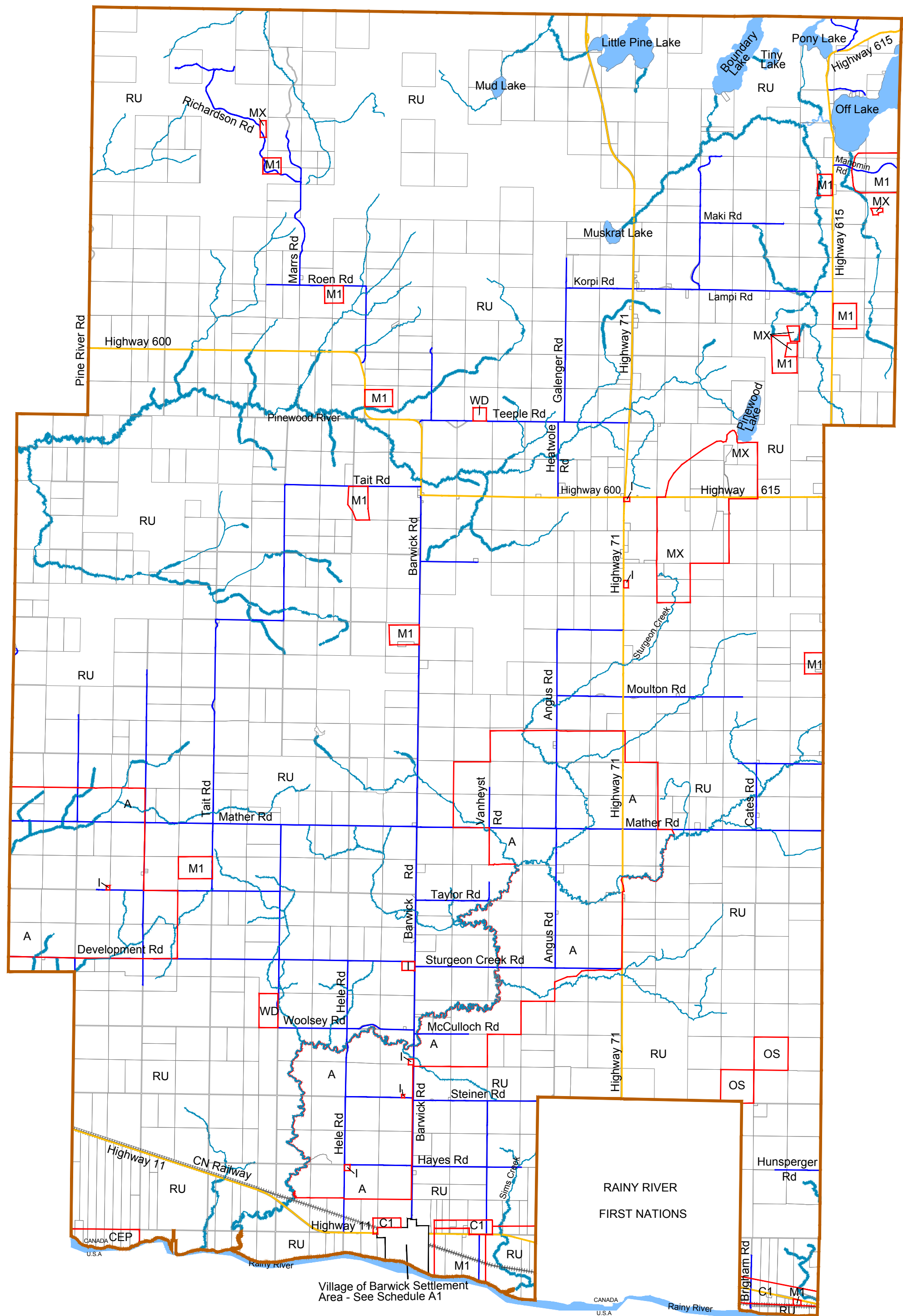
# TOWNSHIP OF CHAPPLE ZONING BY-LAW SCHEDULE A

Council Adoption October 8, 2013

- Village Settlement Area
- Zone Boundary
- A - Agricultural Zone
  - RU - Rural Zone
  - C1 - Highway Commercial Zone
  - I - Institutional
  - M1 - Industrial Zone
  - MX - Aggregate Extraction Zone
  - WD - Waste Disposal Zone
  - OS - Open Space Zone
  - CEP - Conservation and Environmental Protection Zone

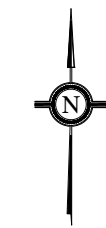
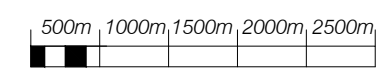
- Transportation
- Provincial Highway
  - Township Roads
  - CN Railway

- Watercourses



**FOTENN PLANNING & URBAN DESIGN**

Digital Map Created By:  
CGIS Spatial Solutions  
52 South Street  
Perth, ON K7H 2G7  
TEL: 613-368-4321  
www.cgis.com



Note: The base information on this plan was prepared from a variety of map sources and was used by permission of the Township of Chapple. It is not a legal plan of survey. For precise location of plan features recourse should be had to the original source data.

# TOWNSHIP OF CHAPPLE

## ZONING BY-LAW

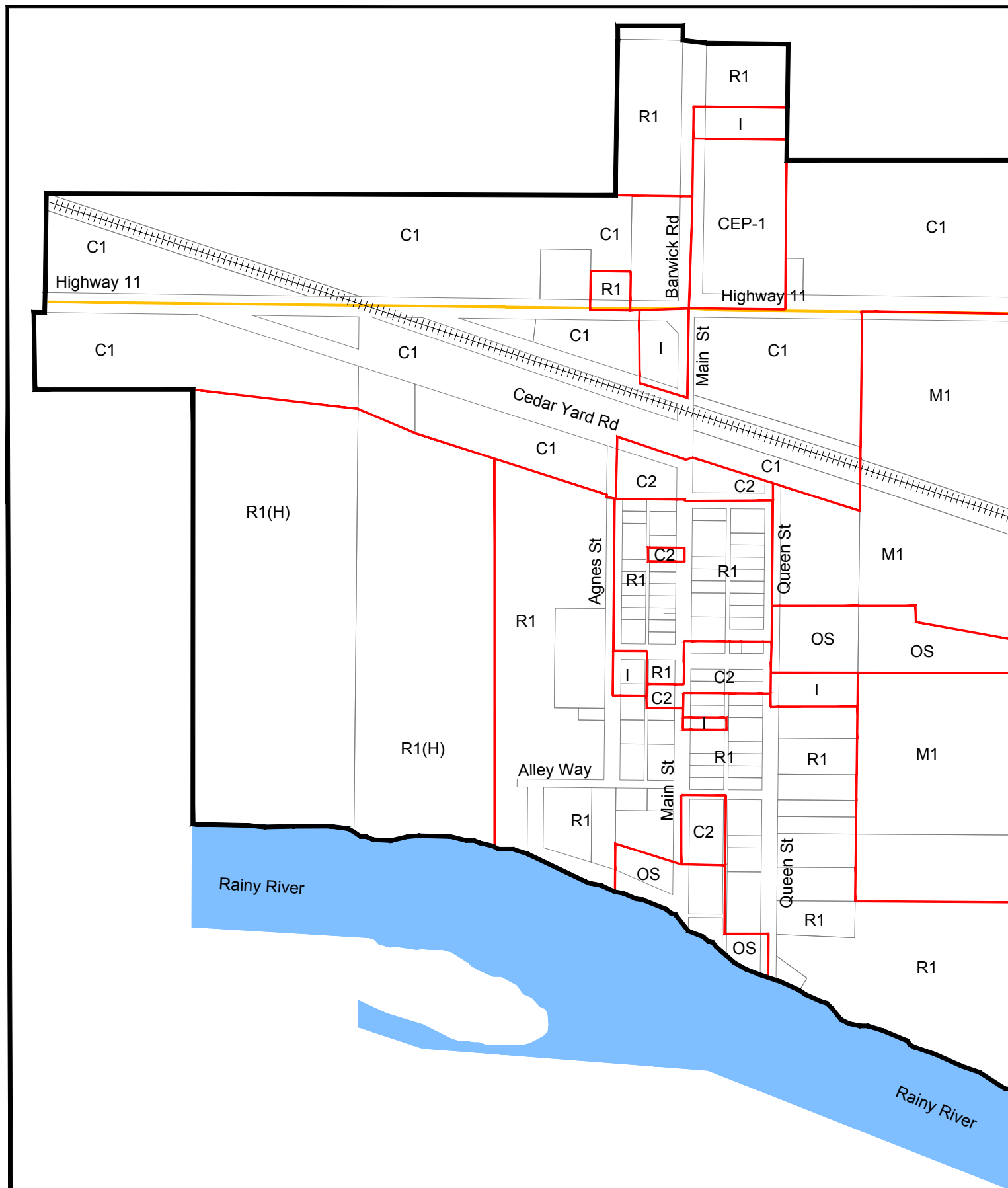
### SCHEDULE A1 - VILLAGE OF BARWICK

#### SETTLEMENT AREA

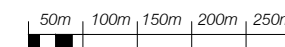
Council Adoption October 8, 2013

- Village Settlement Area
- Zone Boundary
  - R1 - Residential 1 Zone
  - R2 - Residential 2 Zone
  - R3 - Residential Multiple Zone
  - MPH - Mobile Home Park Zone
  - C1 - Highway Commercial Zone
  - C2 - General Commercial Zone
  - C3 - Neighbourhood Commercial Zone
  - M1 - Industrial Zone
  - I - Institutional Zone
  - OS - Open Space Zone
  - CEP - Conservation and Environmental Protection Zone

- Transportation
- Provincial Highway
  - CN Railway



**FOTENN** PLANNING & URBAN DESIGN



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Digital Map Created By:

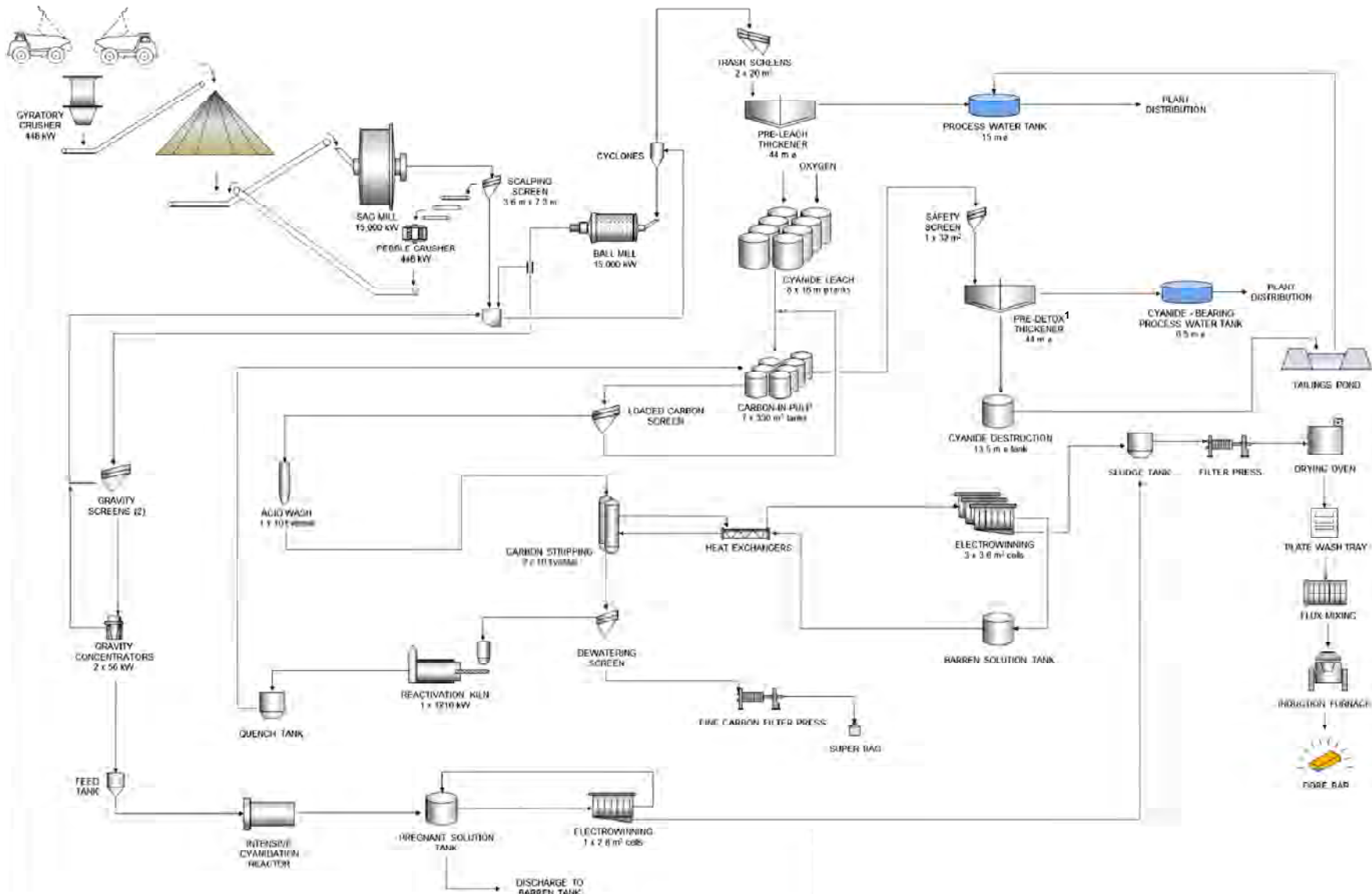
CGIS Spatial Solutions  
52 South Street  
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TEL: 613-368-4321  
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## APPENDIX B. PROCESS FLOW DIAGRAM

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NOTES:  
 - Processing flowsheet provided by BBA  
 \* Equipment identified for possible future implementation and has not been included in assessment.



**RAINY RIVER PROJECT**

**Simplified Processing Flowsheet**

FIGURE: C-1

SCALE:

## APPENDIX C. SUMMARY TABLES

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**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Sources and Contaminants Identification Table**

Source ID	Model ID	Source Description	General Location	Expected Contaminants	Contaminant Included in Modelling?
AMM	AMM	INCO Reactor Tank	Mill	Ammonia	No
APRON1_DC	APRON1_DC	Apron Feeder No.1 Dust Collector	Open Pit Mine	Metals, Particulates	No
APRON2_DC	APRON2_DC	Apron Feeder No.2 Dust Collector	Open Pit Mine	Metals, Particulates	No
APRON3_DC	APRON3_DC	Apron Feeder No.3 Dust Collector	Open Pit Mine	Metals, Particulates	No
BLAST	BLAST	Blasting	Open Pit Mine	NOx, SO2, CO, Particulates	Yes
BTR	BTR	Stockpile - PAG Buttress	Buttress	Metals, Particulates	No
CIP	CIP	Clean in Place Tank	Mill	Hydrogen cyanide	No
COMPRESSOR	COMPRESSOR	Mill Portable Compressor	Mill	NOx	No
CONST_STK	CONST_STK	Stockpile - Mix of OVB & PAG, high OVB pct.	Construction	Metals, Particulates	No
CONST_HR	CONST_HR	Haul Road - Construction Equipment	Open Pit Mine	Metals, Particulates	Yes
CRUSH_DC	CRUSH_DC	Gyratory Crusher Dust Collector	Open Pit Mine	Metals, Particulates	No
DC3	DC3	Induction Furnace	Mill	Metals, Particulates	No
DC4	DC4	Lime Bin Baghouse	Mill	Metals, Particulates	No
DC5	DC5	Flocculant	Mill	Metals, Particulates	No
DC6	DC6	Copper Sulphate Dust Collector	Mill	Metals, Particulates	Yes
DC7	DC7	Sodium Metabisulphate Loading	Mill	Metals, Particulates	No
DRILL	DRILL	Drilling	Open Pit Mine	Metals, Particulates	No
EF1	EF1	Pebble Crushing Area	Mill	Metals, Particulates	No
EF4	EF4	Hydrochloric Acid Storage Tank	Mill	Hydrochloric acid	No
EF5	EF5	Electrowinning	Mill	Ammonia	Yes
EF8	EF8	Caustic Storage Tanks	Mill	Sodium Hydroxide	No
EGEN1	EGEN1	Emergency Generator 1	Open Pit Mine	NOx	No
EGEN2	EGEN2	Emergency Generator 2	Open Pit Mine	NOx	No
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	EMRS North	Metals, Particulates	Yes
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg)	EMRS South	Metals, Particulates	Yes
FP1	FP1	Fire Pump 1	Open Pit Mine	NOx	No
FP2	FP2	Fire Pump 2	Open Pit Mine	NOx	No
HCND1	HCND1	CN Destruction	Mill	Metals, Particulates, HCN	Yes
HCND2	HCND2	CN Destruction	Mill	Metals, Particulates, HCN	Yes
INPIT_HR	INPIT_HR	Haul Road - Material from bottom of pit to split	Open Pit Mine	Metals, Particulates	Yes
LEACH1	LEACH1	Leaching Tank 1	Mill	Hydrogen cyanide	Yes
LEACH2	LEACH2	Leaching Tank 2	Mill	Hydrogen cyanide	Yes
LEACH3	LEACH3	Leaching Tank 3	Mill	Hydrogen cyanide	Yes

## Emission Summary and Dispersion Modelling Report

### New Gold - Rainy River Mine

#### Sources and Contaminants Identification Table

LEACH4	LEACH4	Leaching Tank 4	Mill	Hydrogen cyanide	Yes
LEACH5	LEACH5	Leaching Tank 5	Mill	Hydrogen cyanide	Yes
LEACH6	LEACH6	Leaching Tank 6	Mill	Hydrogen cyanide	Yes
LEACH7	LEACH7	Leaching Tank 7	Mill	Hydrogen cyanide	Yes
LEACH8	LEACH8	Leaching Tank 8	Mill	Hydrogen cyanide	Yes
LG&PAG_HR	LG&PAG_HR	Haul Road - Low grade ore & PAG out of pit to split	Open Pit Mine	Metals, Particulates	Yes
LG_HR	LG_HR	Haul Road - LG ore from split to storage	Open Pit Mine	Metals, Particulates	No
LGO	LGO	Stockpile - OVB/HPAG w/ PAG Cap, then LG/MG	Low Grade	Metals, Particulates	Yes
LOAD PIT	LOAD PIT	Ore - Haul Truck Loading	Open Pit Mine	Particulates	No
MCL	MCL	Stockpile - Mix of OVB & PAG, high OVB pct.	MCL	Metals, Particulates	No
MGO	MGO	Stockpile - PAG (20 m avg.)	PAG	Metals, Particulates	No
MOBI_CRUSH	MOBI_CRUSH	Mobile Crusher	EMRS/LGO	NOx, Metals, Particulates	Yes
NPAG_HR	NPAG_HR	Haul Road - NPAG from pit split to storage	Open Pit Mine	Metals, Particulates	Yes
NPAG_ROAD	ROAD	Stockpile - NPAG (as shown, plus up to TMA corner)	NPAG Road	Metals, Particulates	No
OB_HR	OB_HR	Haul Road - OB from pit split to storage	Open Pit Mine	Metals, Particulates	No
ORE_HR	ORE_HR	Haul Road - Pit ore to drop at process plant	Open Pit Mine	Metals, Particulates	No
ORE_MILL_HR	ORE_MILL_HR	Haul Road - Ore from underground to mill	Open Pit Mine	Metals, Particulates	No
PAG_HR	PAG_HR	Haul Road - PAG from split to storage	Open Pit Mine	Metals, Particulates	Yes
PAG_ROAD	ROAD	Stockpile - PAG Road	PAG Road	Metals, Particulates	No
PIT	PIT	Stockpile - Mix of OVB & NPAG	Pit	Metals, Particulates	Yes
PORT1	PORT1	Propane - Underground Mine Portal 1	In Pit	NOx	Yes
PORT2	PORT2	Propane - Underground Mine Portal 2	West of Pit	NOx	Yes
RECLAIM	RECLAIM	Ore - Conveyor Drop Point for Crushed Ore to Stockpile	Open Pit Mine	Particulates	No
ROM_STK	ROM_STK	Stockpile - HGO/MGO Stockpile - NPAG Base	NPAG	Metals, Particulates	No
SPACEHEAT1	SPACEHEAT1	Propane Heating - Plant Building	Plant Building	NOx	Yes
SPACEHEAT2	SPACEHEAT2	Propane Heating - Admin Building	Admin	NOx	No
SPACEHEAT3	SPACEHEAT3	Propane Heating - Mineoff Building	Mineoff	NOx	No
SPACEHEAT4	SPACEHEAT4	Propane Heating - Shop Building	Maintenance Shop	NOx	No
TMA	TMA	Stockpile - Tailings	TMA	Metals, Particulates	Yes
TMA_HR	TMA_HR	Haul Road - TMA	Open Pit Mine	Metals, Particulates	No
UNDERPILE_DC	UNDERPILE_DC	Feed Stockpile (Under Pile) Dust Collector	Open Pit Mine	Metals, Particulates	No
UNLOAD CRUSH	UNLOAD CRUSH	Ore - Haul Truck Unloading to Dump Pocket	Open Pit Mine	Particulates	No
UNLOAD LGORE	UNLOAD LGORE	Ore - Haul Truck Unloading at LGORE	Open Pit Mine	Particulates	No
UNLOAD NPAG	UNLOAD NPAG	Ore - Haul Truck Unloading at NPAG Stockpile	Open Pit Mine	Particulates	Yes
UNLOAD OB	UNLOAD OB	Ore - Haul Truck Unloading at OB Stockpile	Open Pit Mine	Particulates	Yes
UNLOAD PAG	UNLOAD PAG	Ore - Haul Truck Unloading at PAG Stockpile	Open Pit Mine	Particulates	No

**Emission Summary and Dispersion Modelling Report  
New Gold - Rainy River Mine**

**Sources and Contaminants Identification Table**

WELD	WELD	Maintenance Welding	Maintenance Shop	Metals, Particulates	No
WMRS	WMRS	Stockpile - Mix of OVB & NPAG	WMRS	Metals, Particulates	Yes
WPs	WPs	Watering Pumps	Open Pit Mine	NOx	Yes
Assay	Assay	Assay Lab	Assay lab	VOC	No
Assay DC 1	Assay DC1	Assay Lab	Assay lab	SPM	No
Assay DC 2	Assay DC2	Assay Lab	Assay lab	SPM	No
WWTP	WWTP	Waste Water Treatment Plant	WWTP	VOC	No

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Source Summary Table - All Sources**

Source ID	Model ID	Source Description	Volumetric Flow Rate (Am <sup>3</sup> /s)	Gas Exit Temperature (°C)	Inner Diameter (m)	Height above Grade (m)	Height above Roof (m)	X-Coordinate (m)	Y-Coordinate (m)	Contaminant	CAS RN	Facility-Wide Emission Rate (g/s)	Averaging Period (hrs)	Emission Rate Estimation Technique	Sample Calculation	Data Quality	% of Emissions	Significant?	Included in Modelling?
MOBI_CRUSH	MOBI_CRUSH	Mobile Crusher	0.5	647.85	0.1	2	0	426912.00	5409573.58	Nitrogen oxides	10102-44-0	4.37E-01	1	EF	Eq. 1	AA, A, M	5.00%	Y	N
MOBI_CRUSH	MOBI_CRUSH	Mobile Crusher	0.5	647.85	0.1	2	0	426912.00	5409573.58	Nitrogen oxides	10102-44-0	4.37E-01	24	EF	Eq. 1	AA, A, M	12.28%	Y	Y
EGEN1	EGEN1	Emergency Generator 1	9.3	647.85	0.31	4.3	0	426657.47	5411198.51	Nitrogen oxides	10102-44-0	2.78E-01	1	EF	Eq. 1	AA, A, M	3.17%	Y	N
EGEN1	EGEN1	Emergency Generator 1	9.3	647.85	0.31	4.3	0	426657.47	5411198.51	Nitrogen oxides	10102-44-0	7.93E-03	24	EF	Eq. 1	AA, A, M	0.22%	Y	N
EGEN2	EGEN2	Emergency Generator 2	9.3	647.85	0.31	4.3	0	426657.47	5411198.51	Nitrogen oxides	10102-44-0	2.78E-01	1	EF	Eq. 1	AA, A, M	3.17%	Y	N
EGEN2	EGEN2	Emergency Generator 2	9.3	647.85	0.31	4.3	0	426657.47	5411198.51	Nitrogen oxides	10102-44-0	7.93E-03	24	EF	Eq. 1	AA, A, M	0.22%	Y	N
FP1	FP1	Fire Pump 1	0.7	516	0.15	5	0	426354.31	5410910.22	Nitrogen oxides	10102-44-0	3.99E-01	1	EF	Eq. 1	AA, A, M	4.56%	Y	N
FP1	FP1	Fire Pump 1	0.7	516	0.15	5	0	426354.31	5410910.22	Nitrogen oxides	10102-44-0	9.99E-02	24	EF	Eq. 1	AA, A, M	2.80%	Y	N
FP2	FP2	Fire Pump 2	0.7	516	0.15	5	0	426354.31	5410910.22	Nitrogen oxides	10102-44-0	3.99E-01	1	EF	Eq. 1	AA, A, M	4.56%	Y	N
FP2	FP2	Fire Pump 2	0.7	516	0.15	5	0	426354.31	5410910.22	Nitrogen oxides	10102-44-0	9.99E-02	24	EF	Eq. 1	AA, A, M	2.80%	Y	N
WPs	WPs	Watering Pumps	N/A	N/A	N/A	N/A	N/A	426727.00	5411179.00	Nitrogen oxides	10102-44-0	1.33E+00	1	EF	Eq. 1	AA, A, M	15.17%	Y	Y
WPs	WPs	Watering Pumps	N/A	N/A	N/A	N/A	N/A	426727.00	5411179.00	Nitrogen oxides	10102-44-0	6.64E-01	24	EF	Eq. 1	AA, A, M	18.64%	Y	Y
COMPRESSOR	COMPRESSOR	Mill Portable Compressor	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Nitrogen oxides	10102-44-0	1.69E-01	1	EF	Eq. 1	AA, A, M	1.93%	Y	N
COMPRESSOR	COMPRESSOR	Mill Portable Compressor	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Nitrogen oxides	10102-44-0	7.04E-03	24	EF	Eq. 1	AA, A, M	0.20%	Y	N
DRILL	DRILL	Drilling	N/A	N/A	N/A	N/A	N/A	425557.01	5410131.72	Suspended particulate matter	N/A-TSP	6.32E-02	24	EF	Eq. 2	A	0.28%	Y	N
BLAST	BLAST	Blasting	N/A	N/A	N/A	N/A	N/A	425557.01	5410131.72	Suspended particulate matter	N/A-TSP	7.63E-04	24	EF	Eq. 3-7	A	0.00%	Y	N
BLAST	BLAST	Blasting	N/A	N/A	N/A	N/A	N/A	425557.01	5410131.72	Nitrogen oxides	10102-44-0	3.52E+00	1	EF	Eq. 3-7	A	40.20%	Y	Y
BLAST	BLAST	Blasting	N/A	N/A	N/A	N/A	N/A	425557.01	5410131.72	Nitrogen oxides	10102-44-0	2.93E-01	24	EF	Eq. 3-7	A	8.23%	Y	Y
BLAST	BLAST	Blasting	N/A	N/A	N/A	N/A	N/A	425557.01	5410131.72	Sulphur dioxide	7446-09-5	5.50E-01	1	EF	Eq. 3-7	A	27.72%	Y	Y
BLAST	BLAST	Blasting	N/A	N/A	N/A	N/A	N/A	425557.01	5410131.72	Sulphur dioxide	7446-09-5	4.58E-02	8760	EF	Eq. 3-8	A	3.10%	Y	N
BLAST	BLAST	Blasting	N/A	N/A	N/A	N/A	N/A	425557.01	5410131.72	Carbon monoxide	630-08-0	1.87E+01	0.5	EF	Eq. 3-7	A	100.00%	Y	Y
CRUSH_DC	CRUSH_DC	Gyratory Crusher Dust Collector	8.26	20	0.87	15	0	426756.09	5410203.16	Suspended particulate matter	N/A-TSP	1.65E-01	24	EF	Eq. 8	AA	0.74%	Y	N
APRON1_DC	APRON1_DC	Apron Feeder No.1 Dust Collector	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Suspended particulate matter	N/A-TSP	1.44E-02	24	EF	Eq. 8	AA	0.06%	Y	N
APRON2_DC	APRON2_DC	Apron Feeder No.2 Dust Collector	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Suspended particulate matter	N/A-TSP	1.44E-02	24	EF	Eq. 8	AA	0.06%	Y	N
APRON3_DC	APRON3_DC	Apron Feeder No.3 Dust Collector	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Suspended particulate matter	N/A-TSP	1.44E-02	24	EF	Eq. 8	AA	0.06%	Y	N
UNDERPILE_DC	UNDERPILE_DC	Feed Stockpile (Under Pile) Dust Collector	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Suspended particulate matter	N/A-TSP	5.20E-02	24	EF	Eq. 8	AA	0.23%	Y	N
LOAD PIT	LOAD PIT	Ore - Haul Truck Loading	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Suspended particulate matter	N/A-TSP	4.03E-01	24	EF	Eq. 9	A	1.79%	Y	N
UNLOAD CRUSH	UNLOAD CRUSH	Ore - Haul Truck Unloading to Dump Pocket	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Suspended particulate matter	N/A-TSP	0.00E+00	24	EF	Eq. 9	A	0.00%	Y	N
RECLAIM	RECLAIM	Ore - Conveyor Drop Point for Crushed Ore to Stockpile	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Suspended particulate matter	N/A-TSP	0.00E+00	24	EF	Eq. 9	A	0.00%	Y	N
UNLOAD PAG	UNLOAD PAG	Ore - Haul Truck Unloading at PAG Stockpile	N/A	N/A	N/A	N/A	N/A	424349.58	5410746.42	Suspended particulate matter	N/A-TSP	1.06E+00	24	EF	Eq. 9	A	4.73%	Y	N
UNLOAD NPAG	UNLOAD NPAG	Ore - Haul Truck Unloading at NPAG Stockpile	N/A	N/A	N/A	N/A	N/A	423113.34	5409735.67	Suspended particulate matter	N/A-TSP	1.69E+00	24	EF	Eq. 9	A	7.52%	Y	Y
UNLOAD OB	UNLOAD OB	Ore - Haul Truck Unloading at OB Stockpile	N/A	N/A	N/A	N/A	N/A	425279.15	5410021.38	Suspended particulate matter	N/A-TSP	1.69E+00	24	EF	Eq. 9	A	7.52%	Y	Y
UNLOAD LGORE	UNLOAD LGORE	Ore - Haul Truck Unloading at LGORE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Suspended particulate matter	N/A-TSP	3.75E-01	24	EF	Eq. 9	A	1.67%	Y	N
MOBI_CRUSH	MOBI_CRUSH	Mobile Crusher	0.5	647.85	0.1	2	0	426600.04	5410840.64	Suspended particulate matter	N/A-TSP	2.98E-01	24	EF	Eq. 10	M	1.33%	Y	N
LEACH1	LEACH1	Leaching Tank 1	N/A	N/A	N/A	N/A	N/A	426519.71	5411069.50	Hydrogen cyanide	74-90-8	2.74E-02	24	EC	Eq. 11	A	11.99%	Y	Y
LEACH2	LEACH2	Leaching Tank 2	N/A	N/A	N/A	N/A	N/A	426540.23	5411069.50	Hydrogen cyanide	74-90-8	2.74E-02	24	EC	Eq. 11	A	11.99%	Y	Y
LEACH3	LEACH3	Leaching Tank 3	N/A	N/A	N/A	N/A	N/A	426561.12	5411069.69	Hydrogen cyanide	74-90-8	2.74E-02	24	EC	Eq. 11	A	11.99%	Y	Y
LEACH4	LEACH4	Leaching Tank 4	N/A	N/A	N/A	N/A	N/A	426582.69	5411069.69	Hydrogen cyanide	74-90-8	2.74E-02	24	EC	Eq. 11	A	11.99%	Y	Y
LEACH5	LEACH5	Leaching Tank 5	N/A	N/A	N/A	N/A	N/A	426582.40	5411089.26	Hydrogen cyanide	74-90-8	2.74E-02	24	EC	Eq. 11	A	11.99%	Y	Y
LEACH6	LEACH6	Leaching Tank 6	N/A	N/A	N/A	N/A	N/A	426561.31	5411089.73	Hydrogen cyanide	74-90-8	2.74E-02	24	EC	Eq. 11	A	11.99%	Y	Y
LEACH7	LEACH7	Leaching Tank 7	N/A	N/A	N/A	N/A	N/A	426540.24	5411089.60	Hydrogen cyanide	74-90-8	2.74E-02	24	EC	Eq. 11	A	11.99%	Y	Y
LEACH8	LEACH8	Leaching Tank 8	N/A	N/A	N/A	N/A	N/A	426519.11	5411089.04	Hydrogen cyanide	74-90-8	2.74E-02	24	EC	Eq. 11	A	11.99%	Y	Y
CIP	CIP	Clean in Place Tank	N/A	N/A	N/A	N/A	N/A	426629.14	5411029.42	Hydrogen cyanide	74-90-8	4.12E-03	24	EC	Eq. 11	A	1.80%	Y	N
HCND1	HCND1	CN Destruction	0.5	20	0.18	39	0.3	426630.44	5411129.14	Hydrogen cyanide	74-90-8	2.63E-03	24	EC	Eq. 11	A	1.15%	Y	N
HCND2	HCND2	CN Destruction	0.5	20	0.18	39	0.3	426630.15	5411114.18	Hydrogen cyanide	74-90-8	2.63E-03	24	EC	Eq. 11	A	1.15%	Y	N
HCND1	HCND1	CN Destruction	0.5	20	0.18	39	0.3	426630.44	5411129.14	Sulphur dioxide	7446-09-5	7.17E-01	1	MB	Eq. 12	AA	36.14%	Y	Y
HCND1	HCND1	CN Destruction	0.5	20	0.18	39	0.3	426630.44	5411129.14	Sulphur dioxide	7446-09-5	7.17E-01	8760	MB	Eq. 12	AA	48.45%	Y	Y
HCND2	HCND2	CN Destruction	0.5	20	0.18	39	0.3	426630.15	5411114.18	Sulphur dioxide	7446-09-5	7.17E-01	1	MB	Eq. 12	AA	36.14%	Y	Y
HCND2	HCND2	CN Destruction	0.5	20	0.18	39	0.3	426630.15	5411114.18	Sulphur dioxide	7446-09-5	7.17E-01	8760	MB	Eq. 12	AA	48.45%	Y	Y
DC4	DC4	Lime Bin Baghouse	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Suspended particulate matter	N/A-TSP	3.00E-05	24	EF	Eq. 13	AA	0.00%	Y	N
DC4	DC4	Lime Bin Baghouse	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Calcium oxide	1305-78-8	1.50E-05	24	EF	Eq. 13	AA	100.00%	N	N
DC3	DC3	Induction Furnace	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Suspended particulate matter	N/A-TSP	1.90E-02	24	EF	Eq. 13	AA	0.08%	Y	N
EF1	EF1	Pebble Crushing Area	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Suspended particulate matter	N/A-TSP	9.92E-02	24	EF	Eq. 13	AA	0.44%	Y	N
DC6	DC6	Copper Sulphate Dust Collector	1.18	20	0.35	39	0.3	426630.95	5411043.60	Suspended particulate matter	N/A-TSP	1.20E-02	24	EF	Eq. 13	AA	0.05%	Y	N
DC6	DC6	Copper Sulphate Dust Collector	1.18	20	0.35	39	0.3	426630.95	5411043.60	Copper sulphate	7758-99-8	6.00E-03	24	EF	Eq. 13	AA	100.00%	Y	Y
DC5	DC5	Flocculant	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Suspended particulate matter	N/A-TSP	3.80E-03	24	EF	Eq. 13	AA	0.02%	Y	N
DC7	DC7	Sodium Metabisulphate Loading	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Suspended particulate matter	N/A-TSP	8.87E-03	24	EF	Eq. 13	AA	0.04%	Y	N
DC7	DC7	Sodium Metabisulphate Loading	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Sodium metabisulfite	7681-57-4	4.42E-03	24	EF	Eq. 13	AA	100.00%	N	N
SPACEHEAT1	SPACEHEAT1	Propane Heating - Plant Building	0.5	450	0.3	37.2	1	426639.00	5411038.00	Nitrogen oxides	10102-44-0	3.17E-01	1	EF	Eq. 14	M	3.62%	Y	N
SPACEHEAT1	SPACEHEAT1	Propane Heating - Plant Building	0.5	450	0.3	37.2	1	426639.00	5411038.00	Nitrogen oxides	10102-44-0	3.17E-01	24	EF	Eq. 14	M	8.90%	Y	Y
SPACEHEAT2	SPACEHEAT2	Propane Heating - Admin Building	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Nitrogen oxides	10102-44-0	2.92E-02	1	EF	Eq. 14	M	0.33%	Y	N
SPACEHEAT2	SPACEHEAT2	Propane Heating - Admin Building	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Nitrogen oxides	10102-44-0	2.92E-02	24	EF	Eq. 14	M	0.82%	Y	N
SPACEHEAT3	SPACEHEAT3	Propane Heating - Mineoff Building	N/A	N/A	N/A	N/A													









**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Source Summary Table - All Sources**

Source ID	Model ID	Source Description	Volumetric Flow Rate (Am <sup>3</sup> /s)	Gas Exit Temperature (°C)	Inner Diameter (m)	Height above Grade (m)	Height above Roof (m)	X-Coordinate (m)	Y-Coordinate (m)	Contaminant	CAS RN	Facility-Wide Emission Rate (g/s)	Averaging Period (hrs)	Emission Rate Estimation Technique	Sample Calculation	Data Quality	% of Emissions	Significant?	Included in Modelling?
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Nickel and Nickel Compounds	7440-02-0	5.79E-06	8760	EF	Eq. 18	M	0.92%	Y	N
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Phosphorus	7723-14-0	4.02E-05	24	EF	Eq. 18	M	0.92%	Y	N
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Lead and Lead Compounds	7439-92-1	1.09E-05	24	EF	Eq. 18	M	0.92%	Y	N
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Lead and Lead Compounds	7439-92-1	1.09E-05	720	EF	Eq. 18	M	0.92%	Y	N
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Rubidium	7440-17-7	1.12E-06	24	EF	Eq. 18	M	0.92%	N	N
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Rhenium	7440-15-5	2.52E-07	24	EF	Eq. 18	M	0.92%	Y	N
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antimony	7440-36-0	5.53E-07	24	EF	Eq. 18	M	0.92%	N	N
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Scandium	7440-20-2	9.06E-07	24	EF	Eq. 18	M	0.92%	Y	N
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Selenium	7782-49-2	8.55E-07	24	EF	Eq. 18	M	0.92%	N	N
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Tin	7440-31-5	1.11E-06	24	EF	Eq. 18	M	0.92%	N	N
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Strontium	7440-24-6	1.22E-05	24	EF	Eq. 18	M	0.92%	N	N
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Tantalum	7440-25-7	5.03E-09	24	EF	Eq. 18	M	0.92%	N	N
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Terbium	7440-27-9	2.01E-08	24	EF	Eq. 18	M	0.92%	N	N
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Tellurium (except hydrogen telluride)	13494-80-9	1.41E-06	24	EF	Eq. 18	M	0.92%	N	N
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Thorium	7440-29-1	1.01E-06	24	EF	Eq. 18	M	0.92%	Y	N
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Titanium	7440-32-6	2.11E-04	24	EF	Eq. 18	M	0.92%	Y	N
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Thallium	7440-28-0	5.03E-07	24	EF	Eq. 18	M	0.92%	N	N
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Uranium and Uranium Compounds - U in PM10	7440-61-1	1.01E-06	8760	EF	Eq. 18	M	0.92%	Y	N
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Vanadium	7440-62-2	8.04E-06	24	EF	Eq. 18	M	0.92%	Y	N
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Tungsten	7440-33-7	1.88E-06	24	EF	Eq. 18	M	0.92%	N	N
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yttrium	7440-65-5	5.48E-07	24	EF	Eq. 18	M	0.92%	N	N
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Ytterbium	7440-64-4	5.53E-08	24	EF	Eq. 18	M	0.92%	N	N
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Zinc	7440-66-6	1.28E-04	24	EF	Eq. 18	M	0.92%	N	N
MGO	MGO	Stockpile - PAG (20 m avg.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Zirconium	7440-67-7	1.28E-04	24	EF	Eq. 18	M	0.92%	Y	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Suspended particulate matter	N/A-TSP	1.51E+00	24	EF	Eq. 18	M	6.74%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Silver	7440-22-4	7.77E-06	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Aluminum	7429-90-5	6.56E-02	24	EF	Eq. 18	M	17.37%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Arsenic and compounds	7440-38-2	1.31E-04	24	EF	Eq. 18	M	17.37%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Gold	7440-57-5	1.42E-06	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Boron	7440-42-8	5.21E-05	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Barium - total water soluble	7440-39-3	3.03E-04	24	EF	Eq. 18	M	17.37%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Beryllium and Beryllium Compounds	7440-41-7	1.89E-06	24	EF	Eq. 18	M	17.37%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Bismuth	7440-69-9	2.37E-05	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Calcium carbonate	471-34-1	4.90E-02	24	EF	Eq. 18	M	17.37%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Cadmium and Cadmium Compounds	7440-43-9	1.71E-05	24	EF	Eq. 18	M	17.37%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Cerium	7440-45-1	7.40E-05	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Cobalt	7440-48-4	4.17E-05	24	EF	Eq. 18	M	17.34%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Chromium Compounds (metallic, divalent and trivalent forms)	7440-47-3	3.46E-04	24	EF	Eq. 18	M	17.36%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Cesium	7440-46-2	6.92E-06	24	EF	Eq. 18	M	17.37%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Copper	7440-50-8	3.12E-04	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Iron (metallic)	7439-89-6	7.89E-02	24	EF	Eq. 18	M	17.37%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Gallium	7440-55-3	9.47E-06	24	EF	Eq. 18	M	17.37%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Germanium	7440-56-4	1.89E-07	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Hafnium	7440-58-6	4.74E-07	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Mercury (Hg)	7439-97-6	3.79E-06	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Indium	7440-74-6	3.79E-07	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Potassium	7440-09-7	1.83E-02	24	EF	Eq. 18	M	17.37%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Lanthanum	7439-91-0	4.37E-05	24	EF	Eq. 18	M	17.37%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Lithium (other than hydrides)	7439-93-2	7.47E-05	24	EF	Eq. 18	M	17.37%	N	N

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Source Summary Table - All Sources**

Source ID	Model ID	Source Description	Volumetric Flow Rate (Am³/s)	Gas Exit Temperature (°C)	Inner Diameter (m)	Height above Grade (m)	Height above Roof (m)	X-Coordinate (m)	Y-Coordinate (m)	Contaminant	CAS RN	Facility-Wide Emission Rate (g/s)	Averaging Period (hrs)	Emission Rate Estimation Technique	Sample Calculation	Data Quality	% of Emissions	Significant?	Included in Modelling?
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Lutetium	7439-94-3	1.89E-07	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Magnesium	7439-95-4	2.69E-02	24	EF	Eq. 18	M	17.37%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Manganese and Manganese Compounds	7439-96-5	1.53E-03	24	EF	Eq. 18	M	16.78%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Molybdenum	7439-98-7	1.14E-05	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Sodium	7440-23-5	3.03E-03	24	EF	Eq. 18	M	17.37%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Niobium	7440-03-1	2.37E-06	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Nickel and Nickel Compounds	7440-02-0	1.09E-04	8760	EF	Eq. 18	M	17.33%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Phosphorus	7723-14-0	7.58E-04	24	EF	Eq. 18	M	17.37%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Lead and Lead Compounds	7439-92-1	2.06E-04	24	EF	Eq. 18	M	17.37%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Lead and Lead Compounds	7439-92-1	2.06E-04	720	EF	Eq. 18	M	17.37%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Rubidium	7440-17-7	2.10E-05	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Rhenium	7440-15-5	4.74E-06	24	EF	Eq. 18	M	17.37%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Antimony	7440-36-0	1.04E-05	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Scandium	7440-20-2	1.71E-05	24	EF	Eq. 18	M	17.37%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Selenium	7782-49-2	1.61E-05	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Tin	7440-31-5	2.08E-05	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Strontium	7440-24-6	2.30E-04	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Tantalum	7440-25-7	9.47E-08	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Terbium	7440-27-9	3.79E-07	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Tellurium (except hydrogen telluride)	13494-80-9	2.65E-05	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Thorium	7440-29-1	1.89E-05	24	EF	Eq. 18	M	17.37%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Titanium	7440-32-6	3.98E-03	24	EF	Eq. 18	M	17.37%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Thallium	7440-28-0	9.47E-06	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Uranium and Uranium Compounds - U in PM10	7440-61-1	1.89E-05	8760	EF	Eq. 18	M	17.37%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Vanadium	7440-62-2	1.51E-04	24	EF	Eq. 18	M	17.37%	Y	Y
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Tungsten	7440-33-7	3.54E-05	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Yttrium	7440-65-5	1.03E-05	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Ytterbium	7440-64-4	1.04E-06	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Zinc	7440-66-6	2.42E-03	24	EF	Eq. 18	M	17.37%	N	N
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Zirconium	7440-67-7	2.42E-03	24	EF	Eq. 18	M	17.37%	Y	Y
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Suspended particulate matter	N/A-TSP	4.39E-01	24	EF	Eq. 18	M	1.96%	Y	N
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Silver	7440-22-4	2.26E-06	24	EF	Eq. 18	M	5.04%	N	N
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Aluminum	7429-90-5	1.91E-02	24	EF	Eq. 18	M	5.04%	Y	Y
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Arsenic and compounds	7440-38-2	3.81E-05	24	EF	Eq. 18	M	5.04%	Y	Y
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Gold	7440-57-5	4.13E-07	24	EF	Eq. 18	M	5.04%	N	N
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Boron	7440-42-8	1.51E-05	24	EF	Eq. 18	M	5.04%	N	N
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Barium - total water soluble	7440-39-3	8.80E-05	24	EF	Eq. 18	M	5.04%	Y	Y
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Beryllium and Beryllium Compounds	7440-41-7	5.50E-07	24	EF	Eq. 18	M	5.04%	Y	Y
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Bismuth	7440-69-9	6.88E-06	24	EF	Eq. 18	M	5.04%	N	N
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Calcium carbonate	471-34-1	1.42E-02	24	EF	Eq. 18	M	5.04%	Y	Y
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Cadmium and Cadmium Compounds	7440-43-9	4.95E-06	24	EF	Eq. 18	M	5.04%	Y	Y
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Cerium	7440-45-1	2.15E-05	24	EF	Eq. 18	M	5.04%	N	N
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Cobalt	7440-48-4	1.21E-05	24	EF	Eq. 18	M	5.04%	Y	Y
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chromium Compounds (metallic, divalent and trivalent forms)	7440-47-3	1.00E-04	24	EF	Eq. 18	M	5.04%	Y	Y



















**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Source Summary Table - All Sources**

Source ID	Model ID	Source Description	Stack Parameters							Emissions Data										Significant?	Included in Modelling?
			Volumetric Flow Rate (Am <sup>3</sup> /s)	Gas Exit Temperature (°C)	Inner Diameter (m)	Height above Grade (m)	Height above Roof (m)	X-Coordinate (m)	Y-Coordinate (m)	Contaminant	CAS RN	Facility-Wide Emission Rate (g/s)	Averaging Period (hrs)	Emission Rate Estimation Technique	Sample Calculation	Data Quality	% of Emissions				
LGO	LGO	Stockpile - OVB/HPAG w/ PAG Cap, then LG/MG	N/A	N/A	N/A	4	N/A	427210.00	5409428.00	Cesium	7440-46-2	4.11E-06	24	EF	Eq. 18	M	10.34%	Y	Y		
LGO	LGO	Stockpile - OVB/HPAG w/ PAG Cap, then LG/MG	N/A	N/A	N/A	4	N/A	427210.00	5409428.00	Iron (metallic)	7439-89-6	4.69E-02	24	EF	Eq. 18	M	10.34%	Y	Y		
LGO	LGO	Stockpile - OVB/HPAG w/ PAG Cap, then LG/MG	N/A	N/A	N/A	4	N/A	427210.00	5409428.00	Gallium	7440-55-3	5.64E-06	24	EF	Eq. 18	M	10.34%	Y	Y		
LGO	LGO	Stockpile - OVB/HPAG w/ PAG Cap, then LG/MG	N/A	N/A	N/A	4	N/A	427210.00	5409428.00	Potassium	7440-09-7	1.09E-02	24	EF	Eq. 18	M	10.34%	Y	Y		
LGO	LGO	Stockpile - OVB/HPAG w/ PAG Cap, then LG/MG	N/A	N/A	N/A	4	N/A	427210.00	5409428.00	Lanthanum	7439-91-0	2.60E-05	24	EF	Eq. 18	M	10.34%	Y	Y		
LGO	LGO	Stockpile - OVB/HPAG w/ PAG Cap, then LG/MG	N/A	N/A	N/A	4	N/A	427210.00	5409428.00	Magnesium	7439-95-4	1.60E-02	24	EF	Eq. 18	M	10.34%	Y	Y		
LGO	LGO	Stockpile - OVB/HPAG w/ PAG Cap, then LG/MG	N/A	N/A	N/A	4	N/A	427210.00	5409428.00	Manganese and Manganese Compounds	7439-96-5	9.07E-04	24	EF	Eq. 18	M	9.98%	Y	Y		
LGO	LGO	Stockpile - OVB/HPAG w/ PAG Cap, then LG/MG	N/A	N/A	N/A	4	N/A	427210.00	5409428.00	Sodium	7440-23-5	1.80E-03	24	EF	Eq. 18	M	10.34%	Y	Y		
LGO	LGO	Stockpile - OVB/HPAG w/ PAG Cap, then LG/MG	N/A	N/A	N/A	4	N/A	427210.00	5409428.00	Nickel and Nickel Compounds	7440-02-0	6.48E-05	8760	EF	Eq. 18	M	10.31%	Y	Y		
LGO	LGO	Stockpile - OVB/HPAG w/ PAG Cap, then LG/MG	N/A	N/A	N/A	4	N/A	427210.00	5409428.00	Phosphorus	7723-14-0	4.51E-04	24	EF	Eq. 18	M	10.34%	Y	Y		
LGO	LGO	Stockpile - OVB/HPAG w/ PAG Cap, then LG/MG	N/A	N/A	N/A	4	N/A	427210.00	5409428.00	Lead and Lead Compounds	7439-92-1	1.23E-04	24	EF	Eq. 18	M	10.34%	Y	Y		
LGO	LGO	Stockpile - OVB/HPAG w/ PAG Cap, then LG/MG	N/A	N/A	N/A	4	N/A	427210.00	5409428.00	Lead and Lead Compounds	7439-92-1	1.23E-04	720	EF	Eq. 18	M	10.34%	Y	Y		
LGO	LGO	Stockpile - OVB/HPAG w/ PAG Cap, then LG/MG	N/A	N/A	N/A	4	N/A	427210.00	5409428.00	Rhenium	7440-15-5	2.82E-06	24	EF	Eq. 18	M	10.34%	Y	Y		
LGO	LGO	Stockpile - OVB/HPAG w/ PAG Cap, then LG/MG	N/A	N/A	N/A	4	N/A	427210.00	5409428.00	Scandium	7440-20-2	1.01E-05	24	EF	Eq. 18	M	10.34%	Y	Y		
LGO	LGO	Stockpile - OVB/HPAG w/ PAG Cap, then LG/MG	N/A	N/A	N/A	4	N/A	427210.00	5409428.00	Thorium	7440-29-1	1.13E-05	24	EF	Eq. 18	M	10.34%	Y	Y		
LGO	LGO	Stockpile - OVB/HPAG w/ PAG Cap, then LG/MG	N/A	N/A	N/A	4	N/A	427210.00	5409428.00	Titanium	7440-32-6	2.37E-03	24	EF	Eq. 18	M	10.34%	Y	Y		
LGO	LGO	Stockpile - OVB/HPAG w/ PAG Cap, then LG/MG	N/A	N/A	N/A	4	N/A	427210.00	5409428.00	Uranium and Uranium Compounds - U in PM10	7440-61-1	1.13E-05	8760	EF	Eq. 18	M	10.34%	Y	Y		
LGO	LGO	Stockpile - OVB/HPAG w/ PAG Cap, then LG/MG	N/A	N/A	N/A	4	N/A	427210.00	5409428.00	Vanadium	7440-62-2	9.01E-05	24	EF	Eq. 18	M	10.34%	Y	Y		
LGO	LGO	Stockpile - OVB/HPAG w/ PAG Cap, then LG/MG	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Zirconium	7440-67-7	1.44E-03	24	EF	Eq. 18	M	10.34%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Suspended particulate matter	N/A-TSP	1.51E+00	24	EF	Eq. 18	M	6.74%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Aluminum	7429-90-5	6.56E-02	24	EF	Eq. 18	M	17.37%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Arsenic and compounds	7440-38-2	1.31E-04	24	EF	Eq. 18	M	17.37%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Barium - total water soluble	7440-39-3	3.03E-04	24	EF	Eq. 18	M	17.37%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Beryllium and Beryllium Compounds	7440-41-7	1.89E-06	24	EF	Eq. 18	M	17.37%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Calcium carbonate	471-34-1	4.90E-02	24	EF	Eq. 18	M	17.37%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Cadmium and Cadmium Compounds	7440-43-9	1.71E-05	24	EF	Eq. 18	M	17.37%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Cobalt	7440-48-4	4.17E-05	24	EF	Eq. 18	M	17.34%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Chromium Compounds (metallic, divalent and trivalent forms)	7440-47-3	3.46E-04	24	EF	Eq. 18	M	17.36%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Cesium	7440-46-2	6.92E-06	24	EF	Eq. 18	M	17.37%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Iron (metallic)	7439-89-6	7.89E-02	24	EF	Eq. 18	M	17.37%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Gallium	7440-55-3	9.47E-06	24	EF	Eq. 18	M	17.37%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Potassium	7440-09-7	1.83E-02	24	EF	Eq. 18	M	17.37%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Lanthanum	7439-91-0	4.37E-05	24	EF	Eq. 18	M	17.37%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Magnesium	7439-95-4	2.69E-02	24	EF	Eq. 18	M	17.37%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Manganese and Manganese Compounds	7439-96-5	1.53E-03	24	EF	Eq. 18	M	16.78%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Sodium	7440-23-5	3.03E-03	24	EF	Eq. 18	M	17.37%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Nickel and Nickel Compounds	7440-02-0	1.09E-04	8760	EF	Eq. 18	M	17.33%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Phosphorus	7723-14-0	7.58E-04	24	EF	Eq. 18	M	17.37%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Lead and Lead Compounds	7439-92-1	2.06E-04	24	EF	Eq. 18	M	17.37%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Lead and Lead Compounds	7439-92-1	2.06E-04	720	EF	Eq. 18	M	17.37%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Rhenium	7440-15-5	4.74E-06	24	EF	Eq. 18	M	17.37%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Scandium	7440-20-2	1.71E-05	24	EF	Eq. 18	M	17.37%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Thorium	7440-29-1	1.89E-05	24	EF	Eq. 18	M	17.37%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Titanium	7440-32-6	3.98E-03	24	EF	Eq. 18	M	17.37%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Uranium and Uranium Compounds - U in PM10	7440-61-1	1.89E-05	8760	EF	Eq. 18	M	17.37%	Y	Y		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Vanadium	7440-62-2	1.51E-04	24	EF	Eq. 18	M	17.37%	Y	Y		

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Source Summary Table - All Sources**

Source ID	Model ID	Source Description	Stack Parameters							Emissions Data										Significant?	Included in Modelling?
			Volumetric Flow Rate (Am <sup>3</sup> /s)	Gas Exit Temperature (°C)	Inner Diameter (m)	Height above Grade (m)	Height above Roof (m)	X-Coordinate (m)	Y-Coordinate (m)	Contaminant	CAS RN	Facility-Wide Emission Rate (g/s)	Averaging Period (hrs)	Emission Rate Estimation Technique	Sample Calculation	Data Quality	% of Emissions				
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	N/A	N/A	N/A	18	N/A	424349.58	5410746.42	Zirconium	7440-67-7	2.42E-03	24	EF	Eq. 18	M	17.37%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Aluminum	7429-90-5	1.91E-02	24	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Arsenic and compounds	7440-38-2	3.81E-05	24	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Barium - total water soluble	7440-39-3	8.80E-05	24	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Beryllium and Beryllium Compounds	7440-41-7	5.50E-07	24	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Calcium carbonate	471-34-1	1.42E-02	24	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Cadmium and Cadmium Compounds	7440-43-9	4.95E-06	24	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Cobalt	7440-48-4	1.21E-05	24	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chromium Compounds (metallic, divalent and trivalent forms)	7440-47-3	1.00E-04	24	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Cesium	7440-46-2	2.01E-06	24	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Iron (metallic)	7439-89-6	2.29E-02	24	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Gallium	7440-55-3	2.75E-06	24	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Potassium	7440-09-7	5.31E-03	24	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Lanthanum	7439-91-0	1.27E-05	24	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Magnesium	7439-95-4	7.81E-03	24	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Sodium	7440-23-5	8.80E-04	24	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Nickel and Nickel Compounds	7440-02-0	3.16E-05	8760	EF	Eq. 18	M	5.03%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Phosphorus	7723-14-0	2.20E-04	24	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Lead and Lead Compounds	7439-92-1	5.99E-05	24	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Lead and Lead Compounds	7439-92-1	5.99E-05	720	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Rhenium	7440-15-5	1.38E-06	24	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Scandium	7440-20-2	4.95E-06	24	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Thorium	7440-29-1	5.50E-06	24	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Titanium	7440-32-6	1.16E-03	24	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Uranium and Uranium Compounds - U in PM10	7440-61-1	5.50E-06	8760	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Vanadium	7440-62-2	4.40E-05	24	EF	Eq. 18	M	5.04%	Y	Y		
EMRS N	EMRS N	Stockpile - Mix of OVB & PAG, high OVB pct.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Zirconium	7440-67-7	7.01E-04	24	EF	Eq. 18	M	5.04%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Aluminum	7429-90-5	3.01E-02	24	EF	Eq. 18	M	7.97%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Arsenic and compounds	7440-38-2	6.02E-05	24	EF	Eq. 18	M	7.97%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Barium - total water soluble	7440-39-3	1.39E-04	24	EF	Eq. 18	M	7.97%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Beryllium and Beryllium Compounds	7440-41-7	8.69E-07	24	EF	Eq. 18	M	7.97%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Calcium carbonate	471-34-1	2.25E-02	24	EF	Eq. 18	M	7.97%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Cadmium and Cadmium Compounds	7440-43-9	7.82E-06	24	EF	Eq. 18	M	7.97%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Cobalt	7440-48-4	1.91E-05	24	EF	Eq. 18	M	7.95%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Chromium Compounds (metallic, divalent and trivalent forms)	7440-47-3	1.59E-04	24	EF	Eq. 18	M	7.96%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Cesium	7440-46-2	3.17E-06	24	EF	Eq. 18	M	7.97%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Iron (metallic)	7439-89-6	3.62E-02	24	EF	Eq. 18	M	7.97%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Gallium	7440-55-3	4.34E-06	24	EF	Eq. 18	M	7.97%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Potassium	7440-09-7	8.39E-03	24	EF	Eq. 18	M	7.97%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Lanthanum	7439-91-0	2.00E-05	24	EF	Eq. 18	M	7.97%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Magnesium	7439-95-4	1.23E-02	24	EF	Eq. 18	M	7.97%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Manganese and Manganese Compounds	7439-96-5	7.00E-04	24	EF	Eq. 18	M	7.69%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Sodium	7440-23-5	1.39E-03	24	EF	Eq. 18	M	7.97%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Nickel and Nickel Compounds	7440-02-0	5.00E-05	8760	EF	Eq. 18	M	7.95%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Phosphorus	7723-14-0	3.48E-04	24	EF	Eq. 18	M	7.97%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Lead and Lead Compounds	7439-92-1	9.45E-05	24	EF	Eq. 18	M	7.97%	Y	Y		

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Source Summary Table - All Sources**

Source ID	Model ID	Source Description	Stack Parameters							Emissions Data										Significant?	Included in Modelling?
			Volumetric Flow Rate (Am <sup>3</sup> /s)	Gas Exit Temperature (°C)	Inner Diameter (m)	Height above Grade (m)	Height above Roof (m)	X-Coordinate (m)	Y-Coordinate (m)	Contaminant	CAS RN	Facility-Wide Emission Rate (g/s)	Averaging Period (hrs)	Emission Rate Estimation Technique	Sample Calculation	Data Quality	% of Emissions				
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Lead and Lead Compounds	7439-92-1	9.45E-05	720	EF	Eq. 18	M	7.97%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Rhenium	7440-15-5	2.17E-06	24	EF	Eq. 18	M	7.97%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Scandium	7440-20-2	7.82E-06	24	EF	Eq. 18	M	7.97%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Thorium	7440-29-1	8.69E-06	24	EF	Eq. 18	M	7.97%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Titanium	7440-32-6	1.82E-03	24	EF	Eq. 18	M	7.97%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Uranium and Uranium Compounds - U in PM10	7440-61-1	8.69E-06	8760	EF	Eq. 18	M	7.97%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Vanadium	7440-62-2	6.95E-05	24	EF	Eq. 18	M	7.97%	Y	Y		
TMA	TMA	Stockpile - Tailings	N/A	N/A	N/A	1.6	N/A	420565.06	5412899.90	Zirconium	7440-67-7	1.11E-03	24	EF	Eq. 18	M	7.97%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Suspended particulate matter	N/A-TSP	2.34E+00	24	EF	Eq. 18	M	10.41%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Aluminum	7429-90-5	1.01E-01	24	EF	Eq. 18	M	26.85%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Arsenic and compounds	7440-38-2	2.03E-04	24	EF	Eq. 18	M	26.85%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Barium - total water soluble	7440-39-3	4.69E-04	24	EF	Eq. 18	M	26.85%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Beryllium and Beryllium Compounds	7440-41-7	2.93E-06	24	EF	Eq. 18	M	26.85%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Calcium carbonate	471-34-1	7.57E-02	24	EF	Eq. 18	M	26.85%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Cadmium and Cadmium Compounds	7440-43-9	2.64E-05	24	EF	Eq. 18	M	26.85%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Cobalt	7440-48-4	6.44E-05	24	EF	Eq. 18	M	26.81%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Chromium Compounds (metallic, divalent and trivalent forms)	7440-47-3	5.34E-04	24	EF	Eq. 18	M	26.83%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Cesium	7440-46-2	1.07E-05	24	EF	Eq. 18	M	26.85%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Iron (metallic)	7439-89-6	1.22E-01	24	EF	Eq. 18	M	26.85%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Gallium	7440-55-3	1.46E-05	24	EF	Eq. 18	M	26.85%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Potassium	7440-09-7	2.83E-02	24	EF	Eq. 18	M	26.85%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Lanthanum	7439-91-0	6.75E-05	24	EF	Eq. 18	M	26.85%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Magnesium	7439-95-4	4.16E-02	24	EF	Eq. 18	M	26.85%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Manganese and Manganese Compounds	7439-96-5	2.36E-03	24	EF	Eq. 18	M	25.93%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Sodium	7440-23-5	4.69E-03	24	EF	Eq. 18	M	26.85%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Nickel and Nickel Compounds	7440-02-0	1.68E-04	8760	EF	Eq. 18	M	26.78%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Phosphorus	7723-14-0	1.17E-03	24	EF	Eq. 18	M	26.85%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Lead and Lead Compounds	7439-92-1	3.19E-04	24	EF	Eq. 18	M	26.85%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Lead and Lead Compounds	7439-92-1	3.19E-04	720	EF	Eq. 18	M	26.85%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Rhenium	7440-15-5	7.32E-06	24	EF	Eq. 18	M	26.85%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Scandium	7440-20-2	2.64E-05	24	EF	Eq. 18	M	26.85%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Thorium	7440-29-1	2.93E-05	24	EF	Eq. 18	M	26.85%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Titanium	7440-32-6	6.15E-03	24	EF	Eq. 18	M	26.85%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Uranium and Uranium Compounds - U in PM10	7440-61-1	2.93E-05	8760	EF	Eq. 18	M	26.85%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Vanadium	7440-62-2	2.34E-04	24	EF	Eq. 18	M	26.85%	Y	Y		
PIT	PIT	Stockpile - Mix of OVB & NPAG	N/A	N/A	N/A	2	N/A	425279.15	5410021.38	Zirconium	7440-67-7	3.73E-03	24	EF	Eq. 18	M	26.85%	Y	Y		

**Screening-Out Contaminants/Sources that are Emitted in Negligible Amounts**

A negligibility assessment is completed for all contaminants from all significant sources.

**Rural Dispersion Factor ( $\mu\text{g}/\text{m}^3$  per g/s) = 10,000**

**Negligibility Screening Based on Emission Threshold: Contaminants with MECP POI Limits**

Contaminant	CAS	MECP POI Limit ( $\mu\text{g}/\text{m}^3$ )	Averaging Period (hours)	Dispersion Factor ( $\mu\text{g}/\text{m}^3$ per g/s)	Emission Rate (g/s)	Emission Threshold (g/s)	Contaminant Significant	Limiting Effect	Source	Category
Aluminum	7429-90-5	12	24	4,107	3.78E-01	1.46E-03	Y	Health	SL-JSL	B2
Ammonia	7664-41-7	100	24	4,107	7.59E-02	1.22E-02	Y	Health	Standard	B1
Antimony	7440-36-0	25	24	4,107	6.00E-05	3.04E-03	N	Health	Standard	B1
Arsenic and compounds	7440-38-2	0.3	24	4,107	7.56E-04	3.65E-05	Y	Health	Guideline	B1
Barium - total water soluble	7440-39-3	10	24	4,107	1.74E-03	1.22E-03	Y	Health	Guideline	B1
Beryllium and Beryllium Compounds	7440-41-7	0.01	24	4,107	1.09E-05	1.22E-06	Y	Health	Standard	B1
Bismuth	7440-69-9	2.5	24	4,107	1.36E-04	3.04E-04	N	Health	SL-JSL	B2
Boron	7440-42-8	120	24	4,107	3.00E-04	1.46E-02	N	Particulate	Standard	B1
Cadmium and Cadmium Compounds	7440-43-9	0.025	24	4,107	9.82E-05	3.04E-06	Y	Health	Standard	B1
Calcium carbonate	471-34-1	15	24	4,107	2.82E-01	1.83E-03	Y	Health & Particulate	SL-JSL	B2
Calcium chloride	10043-52-4	15	24	4,107	0.00E+00	1.83E-03	N	Health & Particulate	SL-JSL	B2
Calcium oxide	1305-78-8	10	24	4,107	1.50E-05	1.22E-03	N	Corrosion	Standard	B1
Carbon monoxide	630-08-0	6000	0.5	12,142	1.87E+01	2.47E-01	Y	Health	Standard	B1
Cerium	7440-45-1	4.5	24	4,107	4.26E-04	5.48E-04	N	Health	SL-JSL	B2
Chromium Compounds (metallic, divalent and trivalent forms)	7440-47-3	0.5	24	4,107	1.99E-03	6.09E-05	Y	Health	Standard	B1
Cobalt	7440-48-4	0.1	24	4,107	2.40E-04	1.22E-05	Y	Health	Guideline	B1
Copper	7440-50-8	50	24	4,107	1.80E-03	6.09E-03	N	Health	Standard	B1
Gold	7440-57-5	1.25	24	4,107	8.18E-06	1.52E-04	N	Health	SL-JSL	B2
Hafnium	7440-58-6	2.5	24	4,107	2.73E-06	3.04E-04	N	Health	SL-JSL	B2
Hydrogen chloride	7647-01-0	20	24	4,107	6.61E-05	2.43E-03	N	Health	Standard	B1
Hydrogen cyanide	74-90-8	8	24	4,107	2.29E-01	9.74E-04	Y	Health	Standard	B1
Indium	7440-74-6	0.5	24	4,107	2.18E-06	6.09E-05	N	Health	SL-JSL	B2
Iron (metallic)	7439-89-6	4	24	4,107	4.54E-01	4.87E-04	Y	Health & Soiling	Standard	B1
Lead and Lead Compounds	7439-92-1	0.5	24	4,107	1.19E-03	6.09E-05	Y	Health	Standard	B1
Lead and Lead Compounds	7439-92-1	0.2	720	1,585	1.19E-03	6.31E-05	Y	Health	Standard	B1
Lithium (other than hydrides)	7439-93-2	20	24	4,107	4.30E-04	2.43E-03	N	Health	Standard	B1
Magnesium	7439-95-4	72	24	4,107	1.55E-01	8.77E-03	Y	Health	SL-MD	B2
Manganese and Manganese Compounds	7439-96-5	0.4	24	4,107	9.09E-03	4.87E-05	Y	Health	Standard	B1
Mercury (Hg)	7439-97-6	2	24	4,107	2.18E-05	2.43E-04	N	Health	Standard	B1
Molybdenum	7439-98-7	120	24	4,107	6.54E-05	1.46E-02	N	Particulate	Guideline	B1
Nickel and Nickel Compounds	7440-02-0	0.04	8760	787	6.29E-04	2.54E-05	Y	Health	Standard	B1
Niobium	7440-03-1	2.5	24	4,107	1.36E-05	3.04E-04	N	Health	SL-JSL	B2
Nitrogen oxides	10102-44-0	400	1	10,000	8.75E+00	2.00E-02	Y	Health	Standard	B1
Nitrogen oxides	10102-44-0	200	24	4,107	3.56E+00	2.43E-02	Y	Health	Standard	B1
Phosphorus	7723-14-0	0.5	24	4,107	4.36E-03	6.09E-05	Y	Health	SL-MD	B2
Potassium	7440-09-7	10	24	4,107	1.05E-01	1.22E-03	Y	Health	SL-MD	B2
Rubidium	7440-17-7	1.25	24	4,107	1.21E-04	1.52E-04	N	Health	SL-JSL	B2
Selenium	7782-49-2	10	24	4,107	9.27E-05	1.22E-03	N	Health	Guideline	B1
Silica - respirable (<10 $\mu\text{m}$ diameter), quartz	14808-60-7	5	24	4,107	1.51E-01	6.09E-04	Y	Health	Guideline	B1

Emission Summary and Dispersion Modelling Report  
New Gold - Rainy River Mine

Contaminant	CAS	MECP POI Limit (µg/m <sup>3</sup> )	Averaging Period (hours)	Dispersion Factor (µg/m <sup>3</sup> per g/s)	Emission Rate (g/s)	Emission Threshold (g/s)	Contaminant Significant	Limiting Effect	Source	Category
Silver	7440-22-4	1	24	4,107	4.47E-05	1.22E-04	N	Health	Standard	B1
Sodium hydroxide	1310-73-2	10	24	4,107	1.07E-05	1.22E-03	N	Corrosion	Guideline	B1
Sodium metabisulfite	7681-57-4	60	24	4,107	4.42E-03	7.30E-03	N	Health	SL-JSL	B2
Strontium	7440-24-6	120	24	4,107	1.33E-03	1.46E-02	N	Particulate	Guideline	B1
Sulphur dioxide	7446-09-5	100	1	10,000	1.98E+00	5.00E-03	Y	Health & Vegetation	Standard	B1
Sulphur dioxide	7446-09-5	10	8760	787	1.48E+00	6.35E-03	Y	Health & Vegetation	Standard	B1
Suspended particulate matter	N/A-TSP	120	24	4,107	2.24E+01	1.46E-02	Y	Visibility	Standard	B1
Tantalum	7440-25-7	25	24	4,107	5.45E-07	3.04E-03	N	Health	SL-JSL	B2
Tellurium (except hydrogen telluride)	13494-80-9	10	24	4,107	1.53E-04	1.22E-03	N	Health	Standard	B1
Thallium	7440-28-0	0.5	24	4,107	5.45E-05	6.09E-05	N	Health	SL-JSL	B2
Tin	7440-31-5	10	24	4,107	1.20E-04	1.22E-03	N	Health	Standard	B1
Titanium	7440-32-6	120	24	4,107	2.29E-02	1.46E-02	Y	Particulate	Standard	B1
Tungsten	7440-33-7	5	24	4,107	2.04E-04	6.09E-04	N	Health	SL-JSL	B2
Uranium and Uranium Compounds - U in PM10	7440-61-1	0.03	8760	787	1.09E-04	1.91E-05	Y	Health	Standard	B1
Vanadium	7440-62-2	2	24	4,107	8.72E-04	2.43E-04	Y	Health	Standard	B1
Yttrium	7440-65-5	5	24	4,107	5.94E-05	6.09E-04	N	Health	SL-JSL	B2
Zinc	7440-66-6	120	24	4,107	1.39E-02	1.46E-02	N	Particulate	Standard	B1
Zirconium	7440-67-7	25	24	4,107	1.39E-02	3.04E-03	Y	Health	SL-JSL	B2
Acetone	67-64-1	11880	24	4,107	8.74E-10	1.45E+00	N	Health	Standard	B1
Ethyl Alcohol	64-17-5	19,000	1	10,000	0.00E+00	9.50E-01	N	Odour	Guideline	B1
Methanol	67-56-1	4000	24	4,107	8.78E-08	4.87E-01	N	Health	Standard	B1
Isopropyl alcohol	67-63-0	7300	24	4,107	8.91E-12	8.89E-01	N	Health	Standard	B1
Calcium Aluminate	12042-68-1	15	24	4,107	2.88E-11	1.83E-03	N	Health & Particulate	SL-JSL	B2
Alumina Oxide	1344-28-1	120	24	4,107	9.59E-13	1.46E-02	N	Particulate	Guideline	B1
Borax Anhydrous	1330-43-4	33	24	4,107	1.93E-11	4.02E-03	N	Health	SL-MD	B2
Potassium Hydroxide	1310-58-3	14	24	4,107	2.66E-12	1.70E-03	N	Corrosion	Guideline	B1
Potassium Carbonate	584-08-7	15	24	4,107	6.49E-29	1.83E-03	N	Health & Particulate	SL-JSL	B2
Potassium Borate	1332-77-0	125	24	4,107	2.00E-11	1.52E-02	N	Health	SL-MD	B2
Nitric Acid	7697-37-2	35	24	4,107	1.80E-09	4.26E-03	N	Corrosion	Standard	B1
Calcium nitrate	10124-37-5	15	24	4,107	1.29E-27	1.83E-03	N	Health & Particulate	SL-JSL	B2
Nitric Acid	7697-37-2	35	24	4,107	1.80E-09	4.26E-03	N	Corrosion	Standard	B1
Cupric Nitrate	3251-23-8	0.5	24	4,107	2.57E-24	6.09E-05	N	Health	SL-JSL	B2
Nitric Acid	7697-37-2	35	24	4,107	1.80E-09	4.26E-03	N	Corrosion	Standard	B1
Copper (II) Oxide	1317-38-0	0.5	24	4,107	0.00E+00	6.09E-05	N	Health	SL-JSL	B2
Kaolin	1332-58-7	10	24	4,107	0.00E+00	1.22E-03	N	Health	SL-JSL	B2
Dicopper Oxide	1317-39-1	0.5	24	4,107	0.00E+00	6.09E-05	N	Health	SL-JSL	B2
Cellulose	9004-34-6	120	24	4,107	0.00E+00	1.46E-02	N	Health	SL-JSL	B2
Glycine, N,N-bis[2-[bis(carboxymethyl)amino]ethyl]-	67-43-6	15	24	4,107	5.45E-25	1.83E-03	N	Health & Particulate	SL-JSL	B2
Ethylene Glycol Butyl Ether	111-76-2	2400	24	4,107	3.52E-12	2.92E-01	N	Health Odour	Guideline	B1
Potassium Hydroxide	1310-58-3	14	24	4,107	2.66E-12	1.70E-03	N	Corrosion	Guideline	B1
Sodium Silicate	1344-09-8	15	24	4,107	1.67E-11	1.83E-03	N	Health & Particulate	SL-JSL	B2
Continuous filament fiberglass	65997-17-3	50	24	4,107	1.27E-10	6.09E-03	N	Health & Particulate	SL-MD	B2
Polypropylene homopolymer	9003-07-0	120	24	4,107	9.28E-19	1.46E-02	N	Health & Particulate	SL-MD	B2



Emission Summary and Dispersion Modelling Report  
New Gold - Rainy River Mine

Contaminant	CAS	MECP POI Limit (µg/m <sup>3</sup> )	Averaging Period (hours)	Dispersion Factor (µg/m <sup>3</sup> per g/s)	Emission Rate (g/s)	Emission Threshold (g/s)	Contaminant Significant	Limiting Effect	Source	Category
Sodium Carbonate	497-19-8	15	24	4,107	4.66E-05	1.83E-03	N	Health & Particulate	SL-JSL	B2
Sodium Borate	1330-43-4	33	24	4,107	1.93E-11	4.02E-03	N	Health	SL-MD	B2
Silica	7631-86-9	5	24	4,107	7.15E-18	6.09E-04	N	Health	SL-MD	B2
Coal Fly ash	68131-74-8	7	24	4,107	0.00E+00	8.52E-04	N	Health	SL-PA	B2
Quartz	14808-60-7	5	24	4,107	2.77E-19	6.09E-04	N	Health	Guideline	B1
Gold	7440-57-5	1.25	24	4,107	8.18E-06	1.52E-04	N	Health	SL-JSL	B2
Hydrochloric Acid	7647-01-0	20	24	4,107	6.61E-05	2.43E-03	N	Health	Standard	B1
Glass, oxide, chemicals	65997-17-3	50	24	4,107	1.27E-10	6.09E-03	N	Health & Particulate	SL-MD	B2
Hydrochloric acid	7647-01-0	20	24	4,107	6.61E-05	2.43E-03	N	Health	Standard	B1
Hypophosphorous Acid	6303-21-5	7	24	4,107	9.80E-22	8.52E-04	N	Health	SL-MD	B2
Sodium hydroxide	1310-73-2	10	24	4,107	1.07E-05	1.22E-03	N	Corrosion	Guideline	B1
Tungsten	7440-33-7	5	24	4,107	2.04E-04	6.09E-04	N	Health	SL-JSL	B2
Nitric acid	7697-37-2	35	24	4,107	1.80E-09	4.26E-03	N	Corrosion	Standard	B1
Nitric Acid	7697-37-2	35	24	4,107	1.80E-09	4.26E-03	N	Corrosion	Standard	B1
2,4,6-Trinitophenol	88-89-1	0.5	24	4,107	1.48E-17	6.09E-05	N	Health	SL-JSL	B2
Potassium Iodide	7681-11-0	11	24	4,107	1.41E-28	1.34E-03	N	Health	SL-PA	B2
Potassium Nitrate	7757-79-1	120	24	4,107	9.82E-29	1.46E-02	N	Particulate	Guideline	B1
Nitric acid	7697-37-2	35	24	4,107	1.80E-09	4.26E-03	N	Corrosion	Standard	B1
Potassium nitrate	7757-79-1	120	24	4,107	9.82E-29	1.46E-02	N	Particulate	Guideline	B1
Silver Nitrate	7761-88-8	1.6	24	4,107	6.95E-24	1.95E-04	N	Health	SL-MD	B2
Nitric acid solution	7697-37-2	35	24	4,107	1.80E-09	4.26E-03	N	Corrosion	Standard	B1
Disodium tetraborate decahydrate	1303-96-4	33	24	4,107	0.00E+00	4.02E-03	N	Health	Guideline	B1
Sodium Carbonate	497-19-8	15	24	4,107	4.66E-05	1.83E-03	N	Health & Particulate	SL-JSL	B2
Sodium cyanide	143-33-9	120	24	4,107	7.93E-24	1.46E-02	N	Particulate	Guideline	B1
Sodium Hydroxide	1310-73-2	10	24	4,107	1.07E-05	1.22E-03	N	Corrosion	Guideline	B1
Sulfuric Acid	7664-93-9	5	24	4,107	1.21E-15	6.09E-04	N	Health	Standard	B1
Calcium Hydroxide quartz	1305-62-0	13.5	24	4,107	7.58E-05	1.64E-03	N	Corrosion	Standard	B1
Hydrotreated Light Distillate	64742-47-8	375	24	4,107	5.51E-07	4.57E-02	N	Health	SL-MD	B2
Sodium Chloride	7647-14-5	15	24	4,107	9.19E-06	1.83E-03	N	Health & Particulate	SL-JSL	B2
Ethoxylated C10-16 Alcohols	68002-97-1	102	24	4,107	9.19E-08	1.24E-02	N	Health	SL-PA	B2
Ethoxylated Sorbitan Monosterate	9005-67-8	120	24	4,107	9.19E-08	1.46E-02	N	Health & Particulate	SL-MD	B2
Sodium Carbonate	497-19-8	15	24	4,107	4.66E-05	1.83E-03	N	Health & Particulate	SL-JSL	B2
Iron	10028-22-5	0.5	24	4,107	3.82E-05	6.09E-05	N	Health	SL-JSL	B2
Glycerol	56-81-5	120	24	4,107	7.88E-05	1.46E-02	N	Health & Particulate	SL-MD	B2
Sodium Chloride	7647-14-5	15	24	4,107	9.19E-06	1.83E-03	N	Health & Particulate	SL-JSL	B2
Methanol	67-56-1	4000	24	4,107	8.78E-08	4.87E-01	N	Health	Standard	B1
Sodium Carbonate	497-19-8	15	24	4,107	4.66E-05	1.83E-03	N	Health & Particulate	SL-JSL	B2
diiron tris(sulphate)	10028-22-5	0.5	24	4,107	3.82E-05	6.09E-05	N	Health	SL-JSL	B2
Copper sulphate	7758-99-8	0.5	24	4,107	6.00E-03	6.09E-05	Y	Health	SL-JSL	B2

Contaminant	CAS	MECP POI Limit ( $\mu\text{g}/\text{m}^3$ )	Averaging Period (hours)	Dispersion Factor ( $\mu\text{g}/\text{m}^3$ per g/s)	Emission Rate (g/s)	Emission Threshold (g/s)	Contaminant Significant	Limiting Effect	Source	Category
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**Negligibility Screening Based on Emission Threshold: Contaminants without MECP POI Limits**

Contaminant	CAS	Deminimus Limit ( $\mu\text{g}/\text{m}^3$ )	Averaging Period (hours)	Dispersion Factor ( $\mu\text{g}/\text{m}^3$ per g/s)	Emission Rate (g/s)	Emission Threshold (g/s)	Contaminant Significant
Cesium	7440-46-2	0.1	24	4,107	3.98E-05	1.22E-05	Y
Gallium	7440-55-3	0.1	24	4,107	5.45E-05	1.22E-05	Y
Germanium	7440-56-4	0.1	24	4,107	1.09E-06	1.22E-05	N
Lanthanum	7439-91-0	0.1	24	4,107	2.51E-04	1.22E-05	Y
Lutetium	7439-94-3	0.1	24	4,107	1.09E-06	1.22E-05	N
Rhenium	7440-15-5	0.1	24	4,107	2.73E-05	1.22E-05	Y
Scandium	7440-20-2	0.1	24	4,107	9.82E-05	1.22E-05	Y
Sodium	7440-23-5	0.1	24	4,107	1.74E-02	1.22E-05	Y
Terbium	7440-27-9	0.1	24	4,107	2.18E-06	1.22E-05	N
Thorium	7440-29-1	0.1	24	4,107	1.09E-04	1.22E-05	Y
Ytterbium	7440-64-4	0.1	24	4,107	6.00E-06	1.22E-05	N
Bismuth nitrate pentahydrate	10035-06-0	0.1	24	4,107	1.37E-10	1.22E-05	N
Nitric acid, bismuth(3+) salt	10361-44-1	0.1	24	4,107	1.44E-10	1.22E-05	N
Calcium Phosphate	1306-06-5	0.1	24	4,107	1.72E-10	1.22E-05	N
Disodium EDTA dihydrate	6381-92-6	0.1	24	4,107	2.01E-28	1.22E-05	N
Bromphenol Blue, Sodium Salt	62625-28-9	0.1	24	4,107	2.00E-13	1.22E-05	N
Bromcresol Gree, Sodium Salt	62625-32-5	0.1	24	4,107	2.00E-13	1.22E-05	N
Refractories, Fibers, Aluminosilicate	142844-00-6	0.1	24	4,107	1.99E-10	1.22E-05	N
Lead Oxide	1317-36-8	0.1	24	4,107	7.78E-24	1.22E-05	N
Lead (II) acetate, trihydrate	6080-56-4	0.1	24	4,107	1.56E-54	1.22E-05	N
Lead acetate	301-04-2	0.1	24	4,107	1.64E-54	1.22E-05	N
Vermiculite	1318-00-0	0.1	24	4,107	2.67E-12	1.22E-05	N
Magnesium Perchlorate	10034-81-8	0.1	24	4,107	1.44E-10	1.22E-05	N
Platinum Silica	7440-06-4'	0.1	24	4,107	9.29E-42	1.22E-05	N
Phenolphthalein	77-09-8	0.1	24	4,107	2.29E-21	1.22E-05	N
Potassium Dichromate	7778-50-9	0.1	24	4,107	1.27E-31	1.22E-05	N
Rhodanine	141-84-4	0.1	24	4,107	3.86E-19	1.22E-05	N
Bone ash	68439-86-1	0.1	24	4,107	0.00E+00	1.22E-05	N
Potassium dihydrogenorthophosphate	7778-77-0	0.1	24	4,107	1.42E-06	1.22E-05	N

Contaminant	CAS	MECP POI Limit (ug/m <sup>3</sup> )	Averaging Period (hours)	Dispersion Factor (ug/m <sup>3</sup> per g/s)	Emission Rate (g/s)	Emission Threshold (g/s)	Contaminant Significant	Limiting Effect	Source	Category
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**Note:**

Contaminants with MECP POI Limits screened for significance using the "Emissions Threshold" analysis method as documented in section 7.1.2 of the MECP publication "Procedure for Preparing an Emission Summary and Dispersion Modeling Report" (PIBS # 3614e04.1, March 2018). Emission Thresholds for contaminants without MECP POI Limits are developed using de minimus POI concentrations (24-hour average basis) that are set out in Table B-2A: De minimus Concentrations for Contaminants Not Listed in the ministry ACB List that Can Be Considered Insignificant in a Specific Situation and Table B-2B: List of Contaminants Excluded from de minimus level of the ESDM Procedure Document. These de minimus concentrations are only applicable to contaminants that are not included in the ACB List.

If the facility released the contaminant in a non-negligible amount (i.e. contaminants in bold text), the contaminant was modelled and included in the SST and EST. The closest stack to property line was used to determine the dispersion factor. Closest stack to property line ~20 m

$$Emission\ Threshold = \frac{0.5 \times MECP\ POI\ Limit\ (ug/m^3)}{Dispersion\ Factor\ (ug/m^3\ per\ g/s\ emission)}$$

**Sample calculation**

Schedule 3 standard for TSP is 120 ug/m<sup>3</sup> (24-hour average)  
 Urban Dispersion factor for "up to 20m" is 8700 ug/m<sup>3</sup> per g/s  
 Dispersion factor converted to 24-hour average =  
 10,000 x (1/24)<sup>0.28</sup> = 4,107.15 ug/m<sup>3</sup> per g/s  
 Emission threshold for TSP =  
 0.5 x (120/4107.15) = 0.015 g/s

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Modelling Assessment Values**

This table lists assessment values for contaminants with annual air standards to use with modelling. See the MOECC Technical Bulletin for guidance.

Technical bulletin: [Using assessment values for contaminants with annual air standards](#)

<b>Contaminant</b>	<b>CASRN</b>	<b>POI Modelled Concentration (µg/m<sup>3</sup>)</b>	<b>Annual Standard (µg/m<sup>3</sup>)</b>	<b>Percentage of Annual Standard %</b>	<b>Annual Assessment Value (AAV) (µg/m<sup>3</sup>)</b>	<b>Percentage of AAV Concentration %</b>	<b>24-Hour POI Modelled Concentration (µg/m<sup>3</sup>)</b>	<b>URT* / Daily Assessment Value (DAV) (µg/m<sup>3</sup>)</b>	<b>Percentage of DAV/URT Concentration %</b>
Nickel and Nickel Compounds	7440-02-0	2.09E-04	0.04	0.5%	0.4	5.22E-04	3.60E-03	2	0.18%
Uranium and Uranium compounds	7440-61-1	3.63E-05	0.03	0.1%	0.15	0.02%	6.27E-04	1.5	0.04%

\*URT = Upper Risk Threshold

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Monitoring Assessment Values**

This table lists examples of assessment values for contaminants with annual air standards to use with monitoring. See the MOECC Technical Bulletin for guidance.

Technical bulletin: Using assessment values for contaminants with annual air standards

It should be noted that assessment values for monitoring are calculated by using the conversion-factor set out in subsection 17(3) of O. Reg. 419/05.

These values for monitoring could be based on any averaging period as the monitoring data available dictates the assessment value applied.

<b>Contaminant</b>	<b>CAS RN</b>	<b>24-Hour POI Concentration (µg/m<sup>3</sup>)</b>	<b>24-Hour Averaging Time (µg/m<sup>3</sup>)</b>	<b>Percentage of 24-Hour Assessment Concentration %</b>	<b>1-Hour POI Concentration (µg/m<sup>3</sup>)</b>	<b>1-Hour Averaging Time (µg/m<sup>3</sup>)</b>	<b>Percentage of 1-Hour Assessment Concentration %</b>
Nickel and Nickel Compounds	7440-02-0	3.60E-03	0.2	1.8%	2.63E-02	0.5	5.3%
Uranium and Uranium compounds	7440-61-1	6.27E-04	0.15	0.4%	4.58E-03	0.375	1.2%

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Table 4: Schedule 6 Upper Risk Threshold (URT)**

This table lists the URTs as set out in Schedule 6 of O. Reg. 419/05.

<b>Contaminant</b>	<b>CASRN</b>	<b>24hr URT (<math>\mu\text{g}/\text{m}^3</math>) unless otherwise noted</b>	<b>POI Modelled Concentration (<math>\mu\text{g}/\text{m}^3</math>)</b>	<b>Percentage of URT Concentration %</b>
Ammonia	7664-41-7	1,000	0.1418	0.01%
Cadmium (and Cadmium Compounds)	7440-43-9	0.25	0.0006	0.23%
Chromium compounds (metallic, divalent and trivalent forms)	7440-47-3	5	0.0114	0.23%
Hydrogen cyanide	74-90-8	80	0.7922	0.99%
Lead (and Lead compounds)	7439-92-1	2	0.0068	0.34%
Manganese and Manganese compounds	7439-96-5	4	0.0505	1.26%
Nickel and Nickel Compounds	7440-02-0	2	0.0036	0.18%
Sulphur dioxide (Effective date January 1, 2019)	7446-09-5	690	88.4575	12.82%
Uranium and uranium compounds	7440-61-1	2	0.0006	0.04%

<sup>1</sup> Sulphur dioxide's averaging period for URT is 1-hour

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Emission Summary Table - 2023**

Contaminant Name	CAS RN	Total Facility Emission Rate (g/s)	Air Dispersion Model Used	Maximum POI Concentration (µg/m <sup>3</sup> )	Averaging Period (hours)	Ministry POI Limit (µg/m <sup>3</sup> )	Limiting Effect	Regulation Source	Percentage of Ministry POI Limit
Aluminum	7429-90-5	3.39E-01	AERMOD v.22112	2.17	24	12	Health	SL-JSL	18.10%
Ammonia	7664-41-7	7.54E-02	AERMOD v.22112	0.14	24	100	Health	Standard	0.14%
Arsenic and compounds	7440-38-2	6.78E-04	AERMOD v.22112	0.00	24	0.3	Health	Guideline	1.45%
Barium - total water soluble	7440-39-3	1.56E-03	AERMOD v.22112	0.01	24	10	Health	Guideline	0.10%
Beryllium and Beryllium Compounds	7440-41-7	9.78E-06	AERMOD v.22112	0.000063	24	0.01	Health	Standard	0.63%
Cadmium and Cadmium Compounds	7440-43-9	8.80E-05	AERMOD v.22112	0.000564	24	0.025	Health	Standard	2.26%
Calcium carbonate	471-34-1	2.53E-01	AERMOD v.22112	1.62	24	15	Health & Particulate	SL-JSL	10.80%
Carbon monoxide	630-08-0	1.87E+01	AERMOD v.22112	1554.42	0.5	6000	Health	Standard	25.91%
Cesium	7440-46-2	3.57E-05	AERMOD v.22112	0.00	24	0.000231	NA	Max GLC <sup>1</sup>	<MAX GLC
Chromium compounds (metallic, divalent and trivalent forms)	7440-47-3	1.78E-03	AERMOD v.22112	0.01	24	0.5	Health	Standard	2.29%
Cobalt	7440-48-4	2.15E-04	AERMOD v.22112	0.00	24	0.1	Health	Guideline	1.38%
Copper sulphate	7758-99-8	6.00E-03	AERMOD v.22112	0.01	24	0.5	Health	SL-JSL	2.10%
Gallium	7440-55-3	4.89E-05	AERMOD v.22112	0.00	24	0.000316	NA	Max GLC <sup>1</sup>	<MAX GLC
Hydrogen cyanide	74-90-8	2.20E-01	AERMOD v.22112	0.79	24	8	Health	Standard	9.90%
Iron (metallic)	7439-89-6	4.07E-01	AERMOD v.22112	2.61	24	4	Health & Soiling	Standard	65.26%
Lanthanum	7439-91-0	2.25E-04	AERMOD v.22112	0.00	24	0.00146	NA	Max GLC <sup>1</sup>	<MAX GLC
Lead and Lead Compounds	7439-92-1	1.06E-03	AERMOD v.22112	0.01	24	0.5	Health	Standard	1.36%
Lead and Lead Compounds	7439-92-1	1.06E-03	AERMOD v.22112	0.00	720	0.2	Health	Standard	0.61%
Magnesium	7439-95-4	1.39E-01	AERMOD v.22112	0.89	24	72	Health	SL-MD	1.24%
Manganese and manganese compounds	7439-96-5	7.43E-03	AERMOD v.22112	0.05	24	0.4	Health	Standard	12.61%
Nickel and nickel compounds	7440-02-0	5.62E-04	AERMOD v.22112	0.00021	8760	0.04	Health	Standard	0.52%
Nitrogen oxides	10102-44-0	3.11E+00	AERMOD v.22112	6.18	24	200	Health	Standard	3.09%
Nitrogen oxides	10102-44-0	6.24E+00	AERMOD v.22112	171.15	1	400	Health	Standard	42.79%
Phosphorus	7723-14-0	3.91E-03	AERMOD v.22112	0.03	24	0.5	Health	SL-MD	5.01%

# Emission Summary and Dispersion Modelling Report

## New Gold - Rainy River Mine

### Emission Summary Table - 2023

Potassium	7440-09-7	9.44E-02	AERMOD v.22112	0.60	24	10	Health	SL-MD	6.05%
Rhenium	7440-15-5	2.44E-05	AERMOD v.22112	0.00	24	0.000158	NA	Max GLC <sup>1</sup>	<MAX GLC
Scandium	7440-20-2	8.80E-05	AERMOD v.22112	0.00	24	0.000569	NA	Max GLC <sup>1</sup>	<MAX GLC
Silica (<10 µm diameter)	14808-60-7	1.33E-01	AERMOD v.22112	0.69	24	5	Health	Guideline	13.87%
Sodium	7440-23-5	1.56E-02	AERMOD v.22112	0.10	24	0.101	NA	Max GLC <sup>1</sup>	<MAX GLC
Sulphur dioxide	7446-09-5	1.98E+00	AERMOD v.22112	88.46	1	100	Health & Vegetation	Standard	88.46%
Sulphur dioxide	7446-09-5	1.43E+00	AERMOD v.22112	0.24	8760	10	Health & Vegetation	Standard	2.43%
Suspended particulate matter	N/A-TSP	1.35E+01	AERMOD v.22112	91.58	24	120	Visibility	Standard	76.32%
Thorium	7440-29-1	9.78E-05	AERMOD v.22112	0.0006	24	0.000633	NA	Max GLC <sup>1</sup>	<MAX GLC
Titanium	7440-32-6	2.05E-02	AERMOD v.22112	0.13	24	120	Particulate	Standard	0.11%
Uranium and Uranium Compounds - U in PM10	7440-61-1	9.78E-05	AERMOD v.22112	0.00004	8760	0.03	Health	Standard	0.12%
Vanadium	7440-62-2	7.82E-04	AERMOD v.22112	0.01	24	2	Health	Standard	0.25%
Zinc	7440-66-6	0.00E+00	AERMOD v.22112	0.08	24	120	Particulate	Standard	0.07%
Zirconium	7440-67-7	1.25E-02	AERMOD v.22112	0.08	24	25	Health	SL-JSL	0.32%

<sup>1</sup> Note: Site specific Max GLC per 2021 submission to MECP



## **APPENDIX D. AIR DISPERSION MODELLING FILES**

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**Emission Summary and Dispersion Modelling Report  
New Gold - Rainy River Mine  
AERMOD Data**

Source ID	Model ID	Source Description	Stack Parameters		Contaminant Data			Model Results (µg/m <sup>3</sup> per g/s)					Modelled Concentrations (µg/m <sup>3</sup> )				
			Source Type	Contaminant	CAS RN	Facility-Wide Emission Rate (g/s)	Averaging Period (hrs)	1-Hour Unit Concentration	24-Hour Unit Concentration	0.5-hr Unit Concentration	30-Day Unit Concentration	Annual Unit Concentration	0.5-Hour POI Concentration	1-Hour POI Concentration	24-Hour POI Concentration	30-Day POI Concentration	Annual POI Concentration
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Calcium carbonate	471-34-1	4.90E-02	24		4.42						2.17E-01	0.00E+00	
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Cadmium and Cadmium Compounds	7440-43-9	1.71E-05	24		4.42						7.54E-05	0.00E+00	
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Cobalt	7440-48-4	4.17E-05	24		4.42						1.84E-04	0.00E+00	
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Chromium Compounds (metallic, divalent and trivalent forms)	7440-47-3	3.46E-04	24		4.42						1.53E-03	0.00E+00	
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Cesium	7440-46-2	6.92E-06	24		4.42						3.06E-05	0.00E+00	
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Iron (metallic)	7439-89-6	7.89E-02	24		4.42						3.49E-01	0.00E+00	
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Gallium	7440-55-3	9.47E-06	24		4.42						4.19E-05	0.00E+00	
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Potassium	7440-09-7	1.83E-02	24		4.42						8.09E-02	0.00E+00	
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Lanthanum	7439-91-0	4.37E-05	24		4.42						1.93E-04	0.00E+00	
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Magnesium	7439-95-4	2.69E-02	24		4.42						1.19E-01	0.00E+00	
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Manganese and Manganese Compounds	7439-96-5	1.53E-03	24		4.42						6.74E-03	0.00E+00	
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Sodium	7440-23-5	3.03E-03	24		4.42						1.34E-02	0.00E+00	
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Nickel and Nickel Compounds	7440-02-0	1.09E-04	8760	31.52	4.42			0.18	3.43E-03	4.82E-04	2.00E-05		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Phosphorus	7723-14-0	7.58E-04	24		4.42						3.35E-03	0.00E+00	
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Lead and Lead Compounds	7439-92-1	2.06E-04	24		4.42						9.12E-04	0.00E+00	
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Lead and Lead Compounds	7439-92-1	2.06E-04	720				0.78				1.60E-04	0.00E+00	
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Rhenium	7440-15-5	4.74E-06	24		4.42						2.09E-05	0.00E+00	
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Scandium	7440-20-2	1.71E-05	24		4.42						7.54E-05	0.00E+00	
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Thorium	7440-29-1	1.89E-05	24		4.42						8.38E-05	0.00E+00	
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Titanium	7440-32-6	3.98E-03	24		4.42						1.76E-02	0.00E+00	
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Uranium and Uranium Compounds - U in PM10	7440-61-1	1.89E-05	8760	31.52	4.42			0.18	5.97E-04	8.38E-05	3.48E-06		
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Vanadium	7440-62-2	1.51E-04	24		4.42						6.70E-04	0.00E+00	
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Zinc	7440-66-6	2.42E-03	24		4.42						1.07E-02	0.00E+00	
EMRS S	EMRS S	Stockpile - Mix of OVB & PAG, high OVB pct. (18 m avg.)	Area	Zirconium	7440-67-7	2.42E-03	24		4.42						1.07E-02	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Aluminum	7429-90-5	3.01E-02	24		6.61						1.99E-01	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Arsenic and compounds	7440-38-2	6.02E-05	24		6.61						3.98E-04	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Barium - total water soluble	7440-39-3	1.39E-04	24		6.61						9.19E-04	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Beryllium and Beryllium Compounds	7440-41-7	8.69E-07	24		6.61						5.75E-06	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Calcium carbonate	471-34-1	2.25E-02	24		6.61						1.49E-01	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Cadmium and Cadmium Compounds	7440-43-9	7.82E-06	24		6.61						5.17E-05	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Cobalt	7440-48-4	1.91E-05	24		6.61						1.26E-04	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Chromium Compounds (metallic, divalent and trivalent forms)	7440-47-3	1.59E-04	24		6.61						1.05E-03	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Cesium	7440-46-2	3.17E-06	24		6.61						2.10E-05	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Iron (metallic)	7439-89-6	3.62E-02	24		6.61						2.39E-01	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Gallium	7440-55-3	4.34E-06	24		6.61						2.87E-05	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Potassium	7440-09-7	8.39E-03	24		6.61						5.54E-02	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Lanthanum	7439-91-0	2.00E-05	24		6.61						1.32E-04	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Magnesium	7439-95-4	1.23E-02	24		6.61						8.16E-02	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Manganese and Manganese Compounds	7439-96-5	7.00E-04	24		6.61						4.62E-03	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Sodium	7440-23-5	1.39E-03	24		6.61						9.19E-03	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Nickel and Nickel Compounds	7440-02-0	5.00E-05	8760	16.75	6.61			0.90	8.37E-04	3.30E-04	4.47E-05		
TMA	TMA	Stockpile - Tailings	Area	Phosphorus	7723-14-0	3.48E-04	24		6.61						2.30E-03	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Lead and Lead Compounds	7439-92-1	9.45E-05	24		6.61						6.25E-04	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Lead and Lead Compounds	7439-92-1	9.45E-05	720				1.59				1.50E-04	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Rhenium	7440-15-5	2.17E-06	24		6.61						1.44E-05	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Scandium	7440-20-2	7.82E-06	24		6.61						5.17E-05	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Thorium	7440-29-1	8.69E-06	24		6.61						5.75E-05	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Titanium	7440-32-6	1.82E-03	24		6.61						1.21E-02	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Uranium and Uranium Compounds - U in PM10	7440-61-1	8.69E-06	8760	16.75	6.61			0.90	1.46E-04	5.75E-05	7.78E-06		
TMA	TMA	Stockpile - Tailings	Area	Vanadium	7440-62-2	6.95E-05	24		6.61						4.59E-04	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Zinc	7440-66-6	1.11E-03	24		6.61						7.33E-03	0.00E+00	
TMA	TMA	Stockpile - Tailings	Area	Zirconium	7440-67-7	1.11E-03	24		6.61						7.33E-03	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Suspended particulate matter	N/A-TSP	2.34E+00	24		5.89						1.38E+01	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Aluminum	7429-90-5	1.01E-01	24		5.89						5.98E-01	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Arsenic and compounds	7440-38-2	2.03E-04	24		5.89						1.20E-03	0.00E+00	

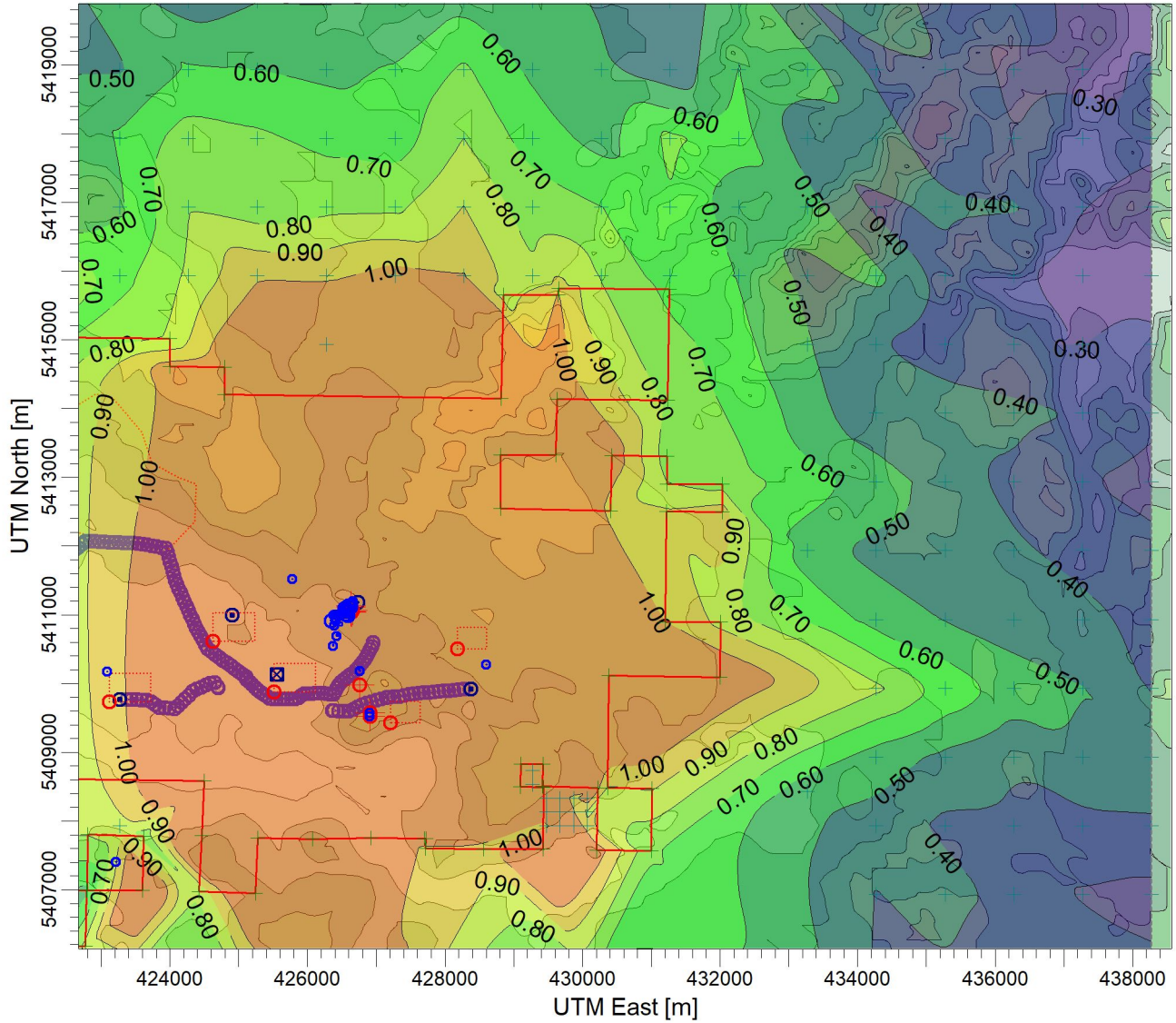
**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**AERMOD Data**

Source ID	Model ID	Source Description	Stack Parameters		Contaminant Data			Model Results (µg/m <sup>3</sup> per g/s)					Modelled Concentrations (µg/m <sup>3</sup> )				
			Source Type	Contaminant	CAS RN	Facility-Wide Emission Rate (g/s)	Averaging Period (hrs)	1-Hour Unit Concentration	24-Hour Unit Concentration	0.5-hr Unit Concentration	30-Day Unit Concentration	Annual Unit Concentration	0.5-Hour POI Concentration	1-Hour POI Concentration	24-Hour POI Concentration	30-Day POI Concentration	Annual POI Concentration
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Barium - total water soluble	7440-39-3	4.69E-04	24		5.89						2.76E-03	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Beryllium and Beryllium Compounds	7440-41-7	2.93E-06	24		5.89						1.73E-05	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Calcium carbonate	471-34-1	7.57E-02	24		5.89						4.46E-01	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Cadmium and Cadmium Compounds	7440-43-9	2.64E-05	24		5.89						1.55E-04	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Cobalt	7440-48-4	6.44E-05	24		5.89						3.80E-04	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Chromium Compounds (metallic, divalent and trivalent forms)	7440-47-3	5.34E-04	24		5.89						3.15E-03	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Cesium	7440-46-2	1.07E-05	24		5.89						6.30E-05	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Iron (metallic)	7439-89-6	1.22E-01	24		5.89						7.19E-01	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Gallium	7440-55-3	1.46E-05	24		5.89						8.63E-05	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Potassium	7440-09-7	2.83E-02	24		5.89						1.67E-01	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Lanthanum	7439-91-0	6.75E-05	24		5.89						3.98E-04	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Magnesium	7439-95-4	4.16E-02	24		5.89						2.45E-01	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Manganese and Manganese Compounds	7439-96-5	2.36E-03	24		5.89						1.39E-02	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Sodium	7440-23-5	4.69E-03	24		5.89						2.76E-02	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Nickel and Nickel Compounds	7440-02-0	1.68E-04	8760	51.03	5.89			0.28		8.59E-03	9.92E-04	4.68E-05	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Phosphorus	7723-14-0	1.17E-03	24		5.89						6.90E-03	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Lead and Lead Compounds	7439-92-1	3.19E-04	24		5.89						1.88E-03	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Lead and Lead Compounds	7439-92-1	3.19E-04	720				0.85					0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Rhenium	7440-15-5	7.32E-06	24		5.89						4.31E-05	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Scandium	7440-20-2	2.64E-05	24		5.89						1.55E-04	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Thorium	7440-29-1	2.93E-05	24		5.89						1.73E-04	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Titanium	7440-32-6	6.15E-03	24		5.89						3.62E-02	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Uranium and Uranium Compounds - U in PM10	7440-61-1	2.93E-05	8760	51.03	5.89			0.28		1.49E-03	1.73E-04	8.13E-06	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Vanadium	7440-62-2	2.34E-04	24		5.89						1.38E-03	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Zinc	7440-66-6	3.73E-03	24		5.89						2.20E-02	0.00E+00	
PIT	PIT	Stockpile - Mix of OVB & NPAG	Area	Zirconium	7440-67-7	3.73E-03	24		5.89						2.20E-02	0.00E+00	

**Notes:**  
EF Emission Factor  
MB Mass Balance  
EC Engineering Calculation  
H Highest Quality  
AA Above Average  
A Average  
M Marginal/Uncertain

PROJECT TITLE:

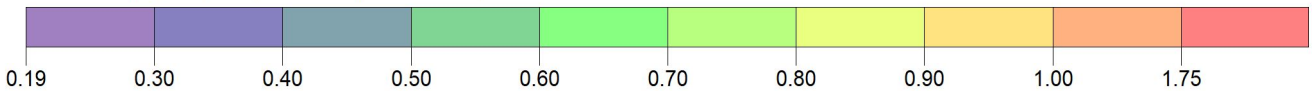
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: DC6

ug/m<sup>3</sup>

Max: 1.75 [ug/m<sup>3</sup>] at (428808.13, 5412548.18)



COMMENTS:

DC6 - 24hr

SOURCES:

**34**

COMPANY NAME:

**Trinity Consultants**

RECEPTORS:

**1871**

MODELER:

OUTPUT TYPE:

**Concentration**

SCALE:

1:100,000

0



MAX:

**1.75 ug/m<sup>3</sup>**

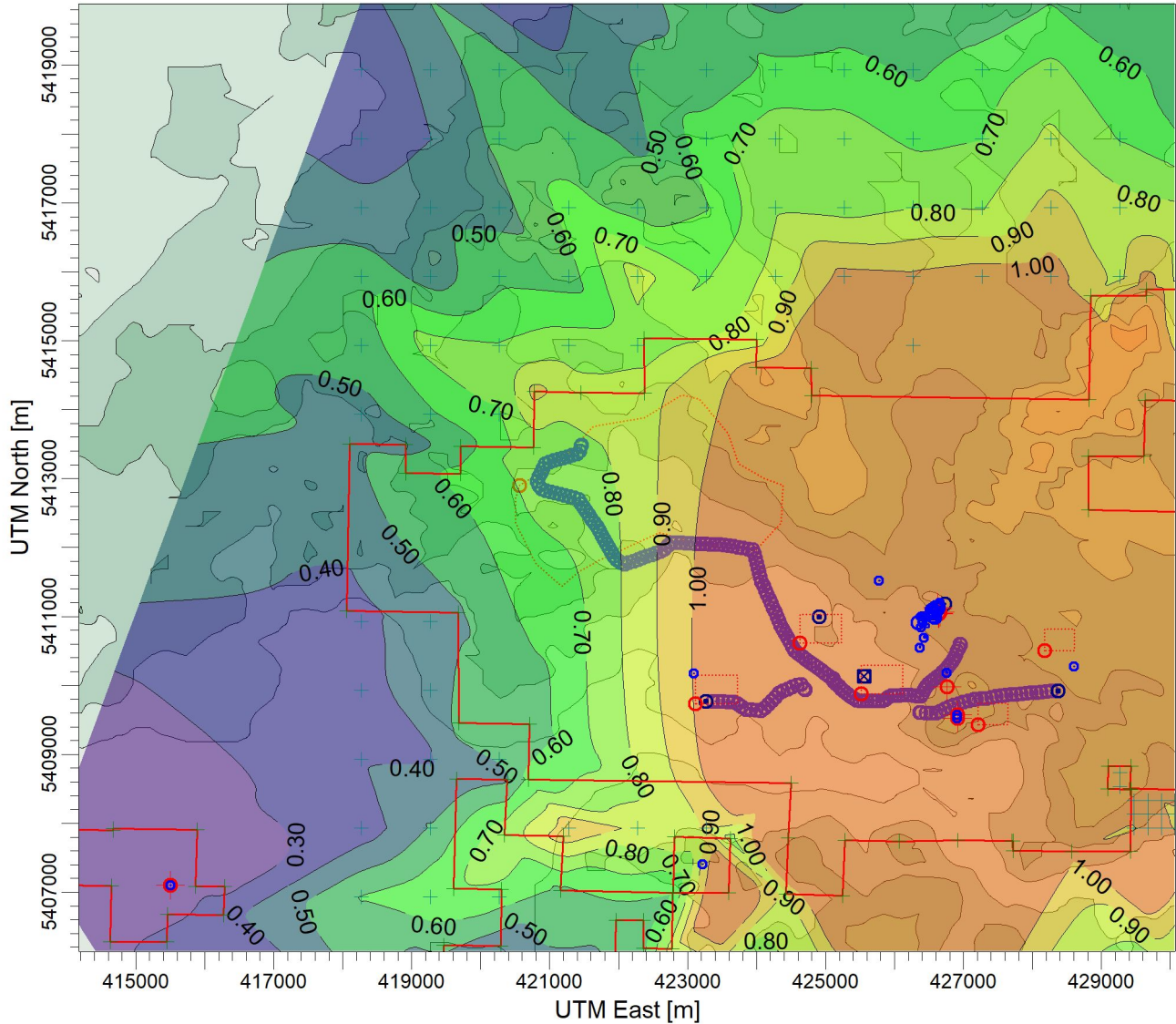
DATE:

**3/22/2024**

PROJECT NO.:

PROJECT TITLE:

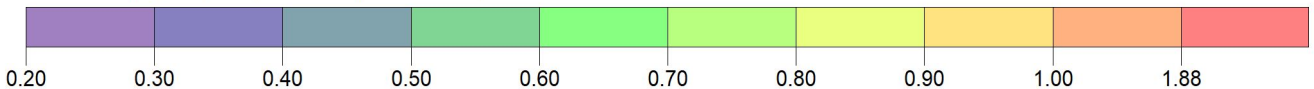
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: EF5

ug/m<sup>3</sup>

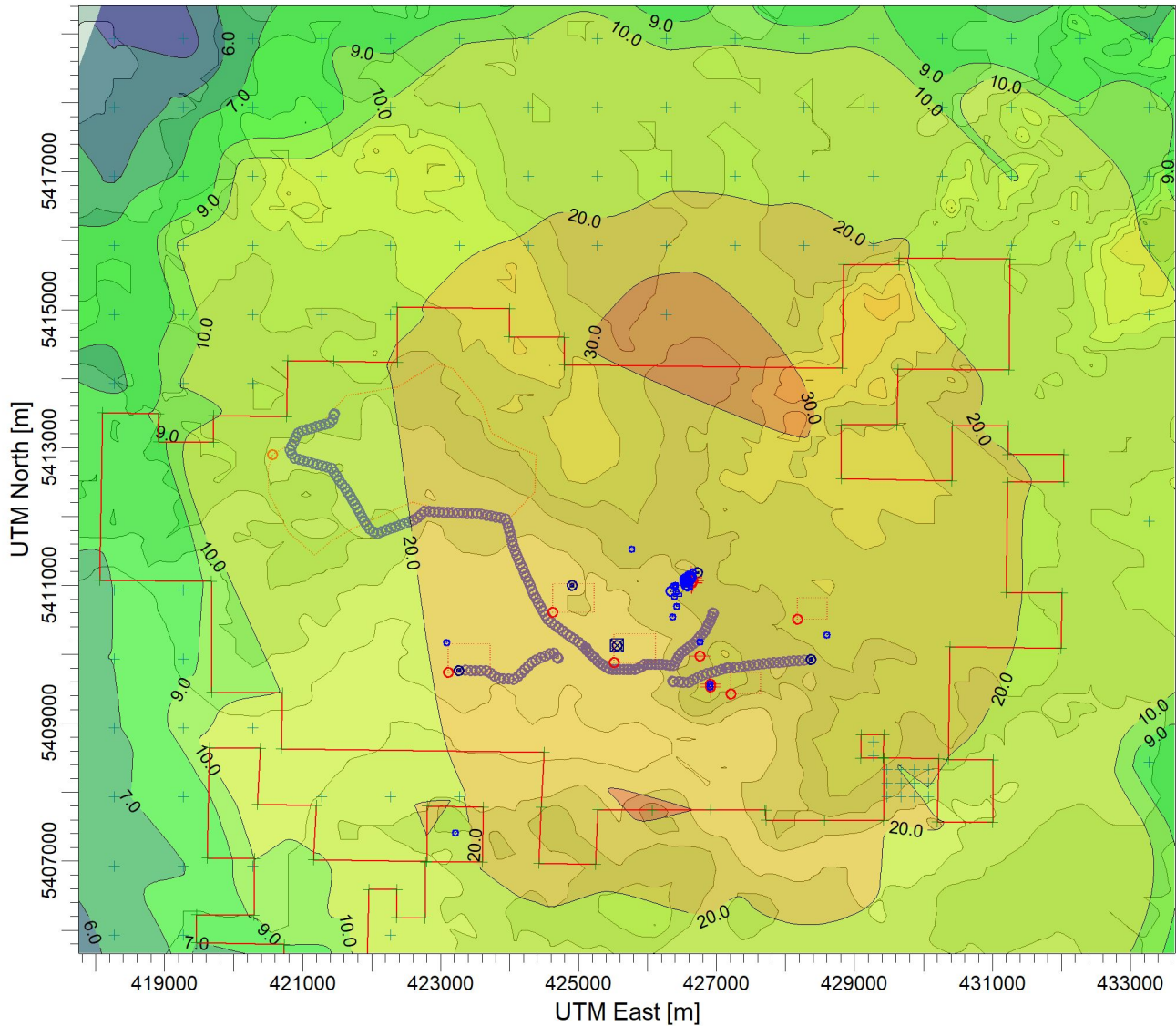
Max: 1.88 [ug/m<sup>3</sup>] at (428808.13, 5412548.18)



COMMENTS: EF5 - 24hr	SOURCES: <b>34</b>	COMPANY NAME: <b>Trinity Consultants</b>	
	RECEPTORS: <b>1871</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: 1:100,000	
	MAX: <b>1.88 ug/m<sup>3</sup></b>	DATE: <b>3/22/2024</b>	PROJECT NO.:

PROJECT TITLE:

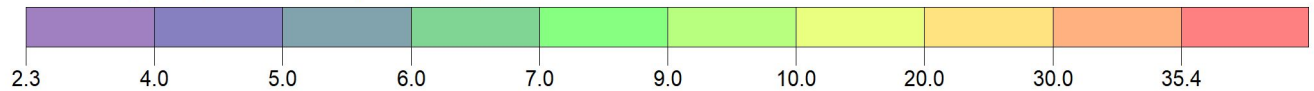
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: HCND1

ug/m<sup>3</sup>

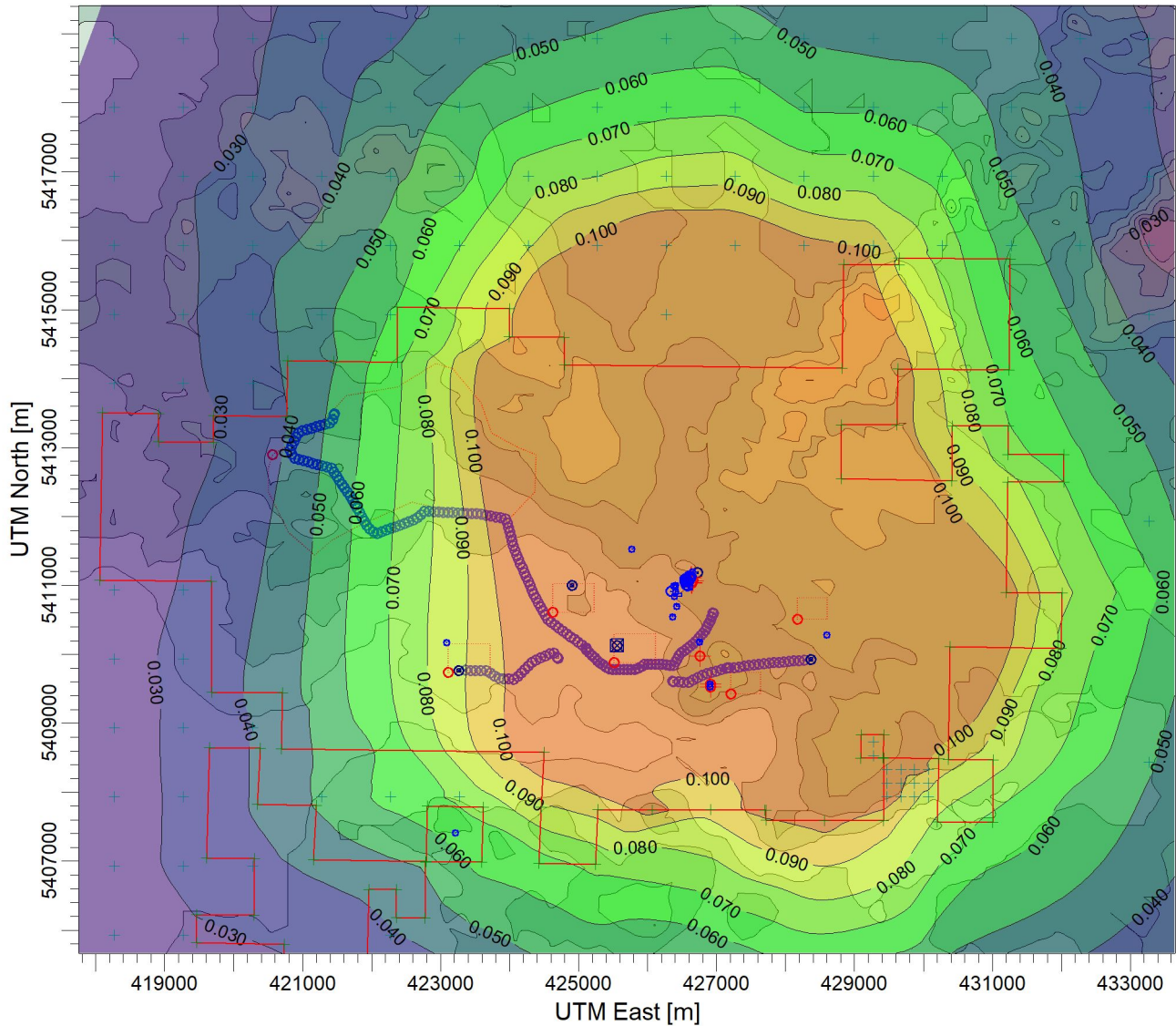
Max: 35.4 [ug/m<sup>3</sup>] at (426272.00, 5414932.00)



COMMENTS:  HCND1 - 1hr	SOURCES:  <b>34</b>	COMPANY NAME:  <b>Trinity Consultants</b>	
	RECEPTORS:  <b>1871</b>	MODELER:	
	OUTPUT TYPE:  <b>Concentration</b>	SCALE: <b>1:100,000</b>	
	MAX:  <b>35.4 ug/m<sup>3</sup></b>	DATE: <b>3/22/2024</b>	PROJECT NO.:

PROJECT TITLE:

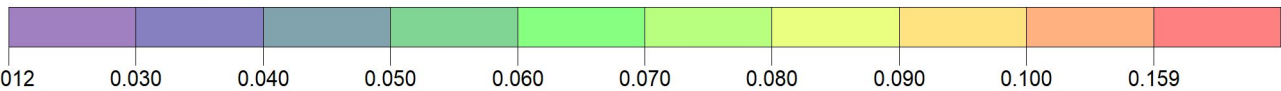
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: HCND1

ug/m<sup>3</sup>

Max: 0.159 [ug/m<sup>3</sup>] at (426272.00, 5414932.00)

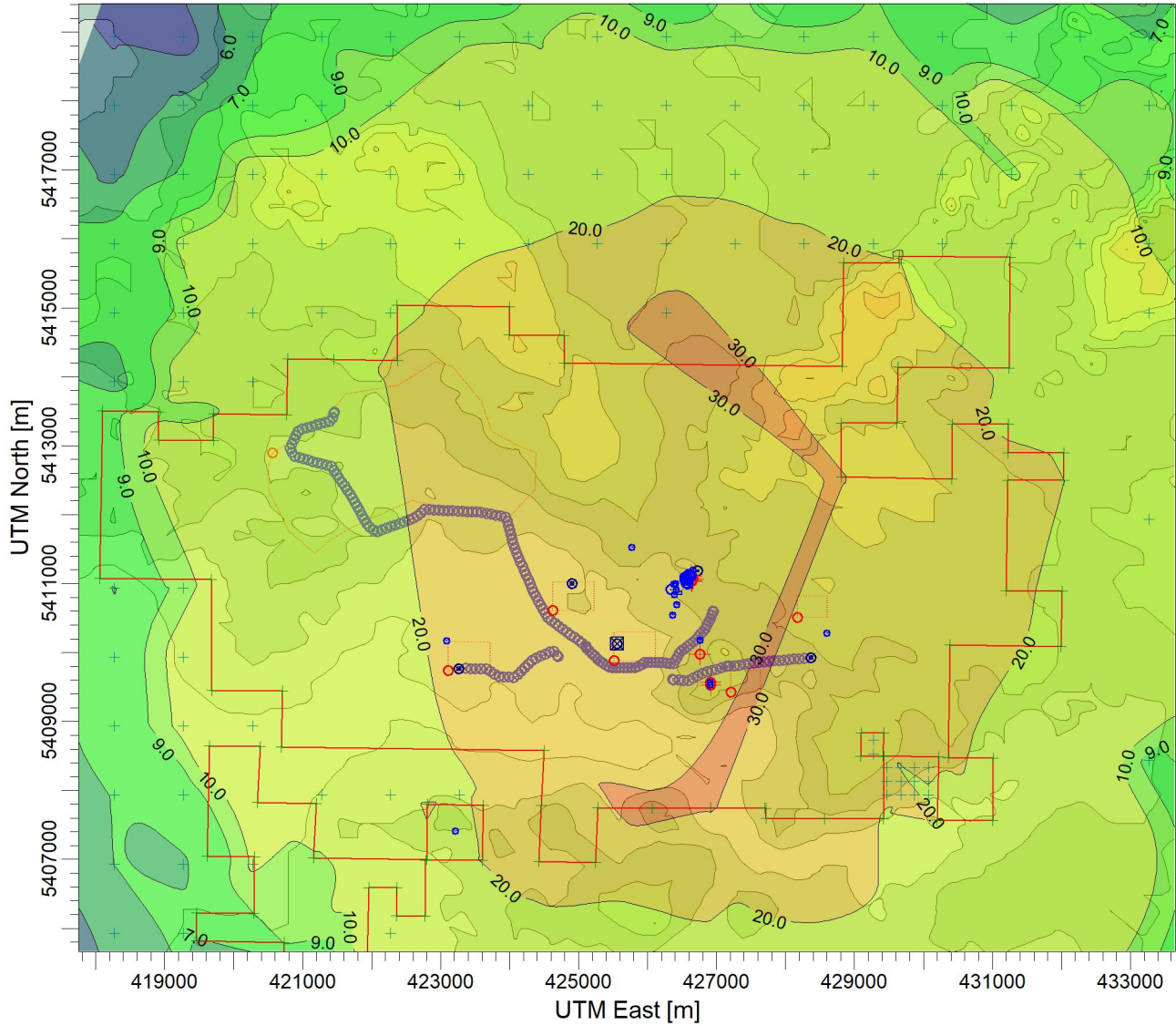


COMMENTS: <b>HCND1 - Annual</b>	SOURCES: <b>34</b>	COMPANY NAME: <b>Trinity Consultants</b>	
	RECEPTORS: <b>1871</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: <b>1:100,000</b>	
	MAX: <b>0.159 ug/m<sup>3</sup></b>	DATE: <b>3/22/2024</b>	PROJECT NO.:



PROJECT TITLE:

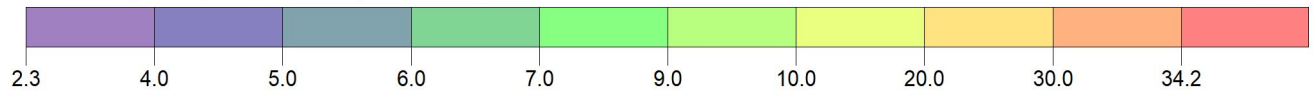
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: HCND2

ug/m<sup>3</sup>

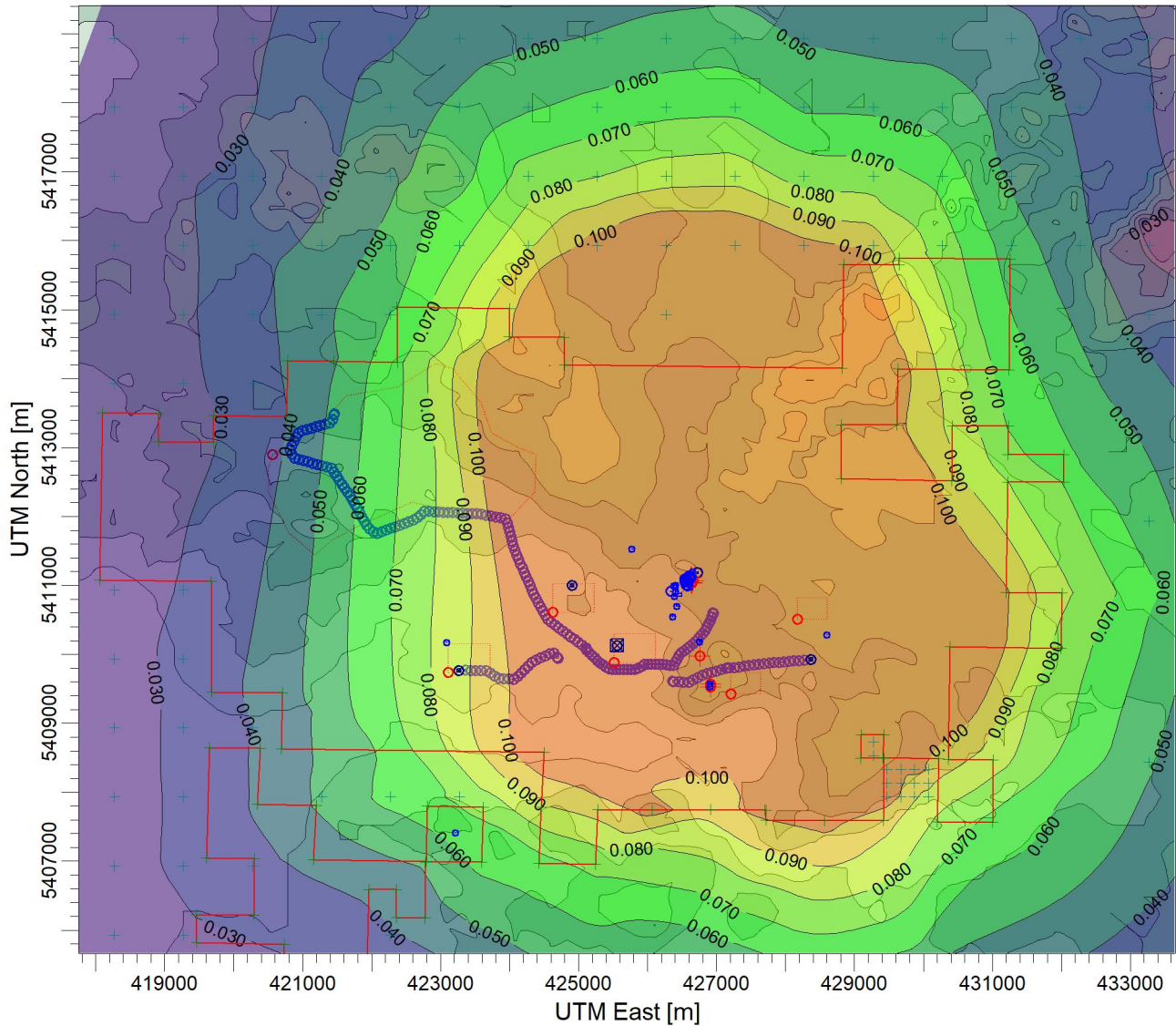
Max: 34.2 [ug/m<sup>3</sup>] at (426068.33, 5407739.80)



COMMENTS:  HCND2 - 1hr	SOURCES:  <b>34</b>	COMPANY NAME:  <b>Trinity Consultants</b>	
	RECEPTORS:  <b>1871</b>	MODELER:	
	OUTPUT TYPE:  <b>Concentration</b>	SCALE: <b>1:100,000</b>	
	MAX:  <b>34.2 ug/m<sup>3</sup></b>	DATE: <b>3/22/2024</b>	PROJECT NO.:

PROJECT TITLE:

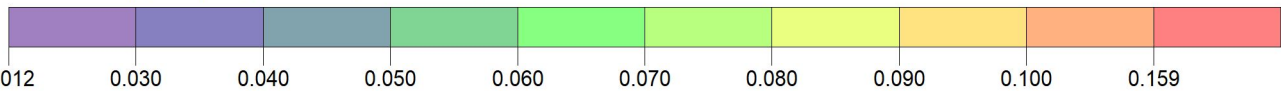
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: HCND2

ug/m<sup>3</sup>

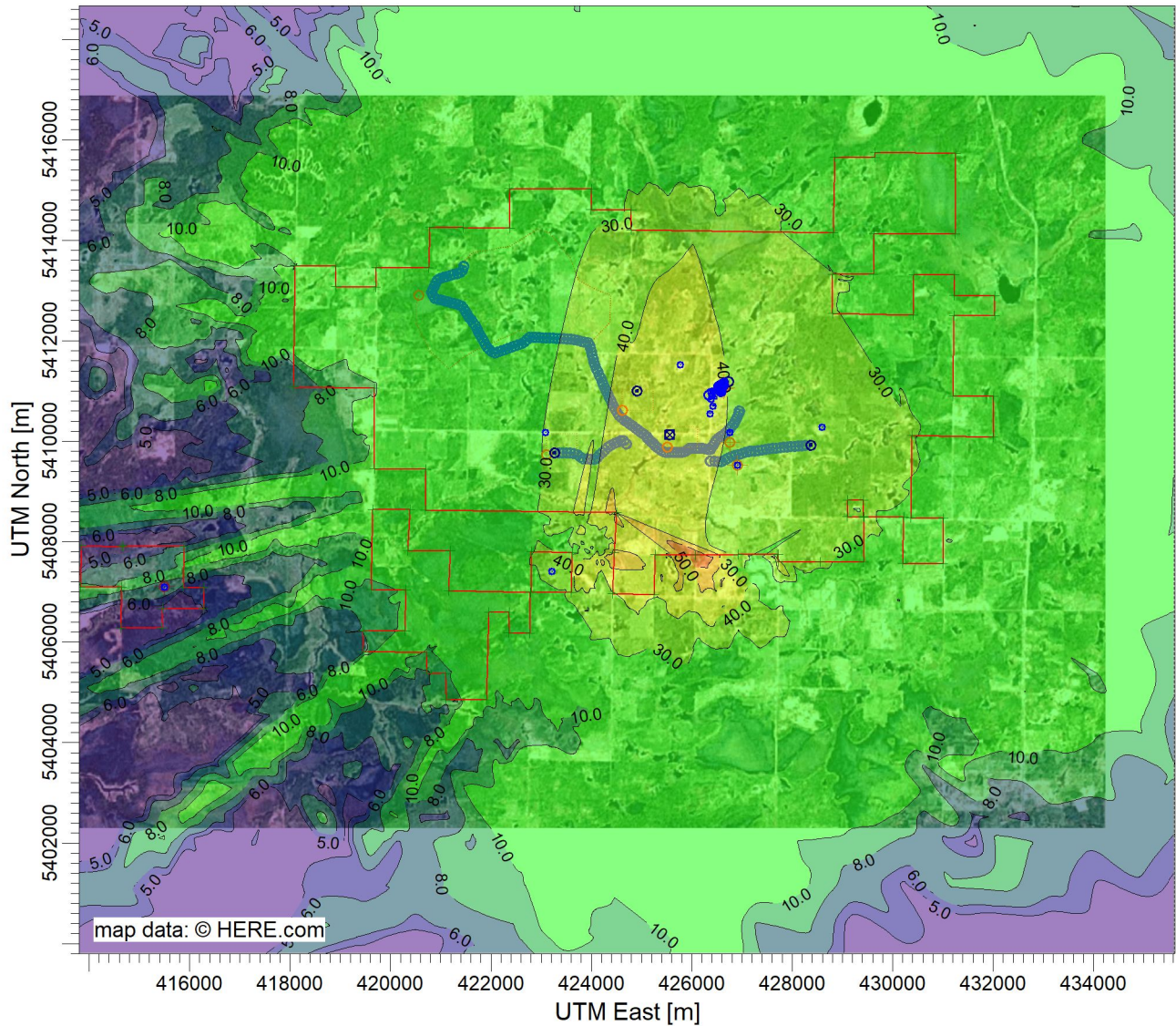
Max: 0.159 [ug/m<sup>3</sup>] at (426272.00, 5414932.00)



COMMENTS: HCND2 - Annual	SOURCES: <b>34</b>	COMPANY NAME: <b>Trinity Consultants</b>	
	RECEPTORS: <b>1871</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: 1:100,000	
	MAX: <b>0.159 ug/m<sup>3</sup></b>	DATE: <b>3/22/2024</b>	PROJECT NO.:

PROJECT TITLE:

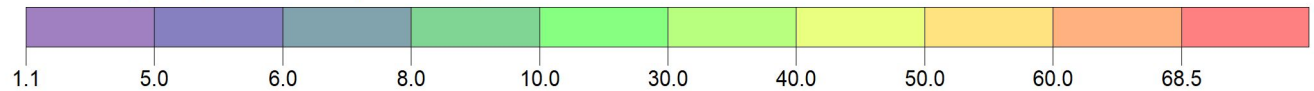
**New Gold Rainy River Mine  
ESDM Update**




PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: BLAST

ug/m<sup>3</sup>

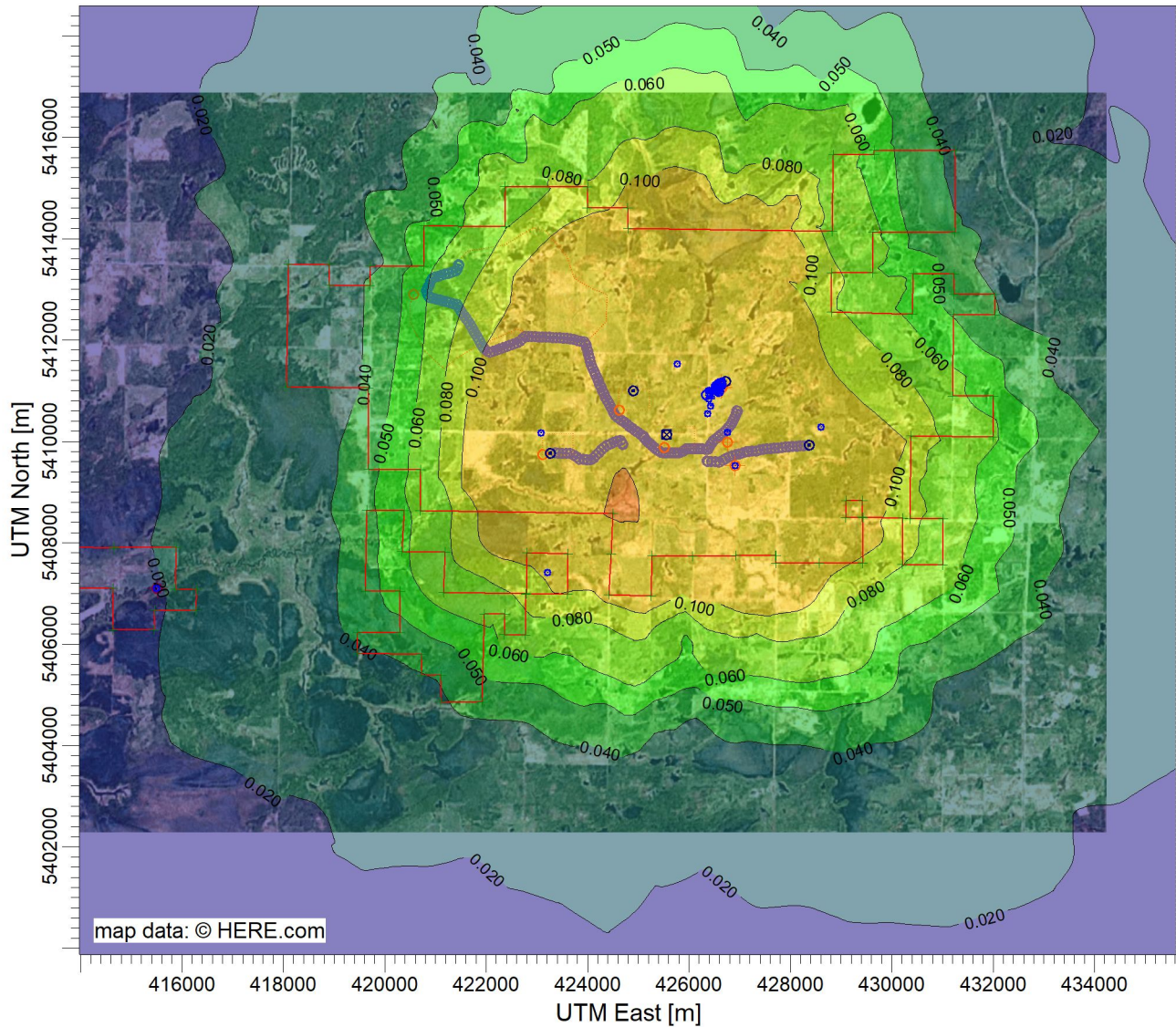
Max: 68.5 [ug/m<sup>3</sup>] at (426068.33, 5407739.80)



COMMENTS: Blast 1 hr	SOURCES: <b>30</b>	COMPANY NAME: <b>Trinity Consultants</b>	
	RECEPTORS: <b>8294</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: 1:137,243	
	MAX:NO.: 227201.0080		
	<b>68.5 ug/m<sup>3</sup></b>	PROJECT	

PROJECT TITLE:

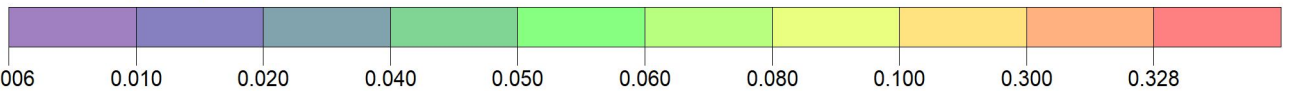
**New Gold Rainy River Mine  
ESDM Update**




PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: BLAST

ug/m<sup>3</sup>

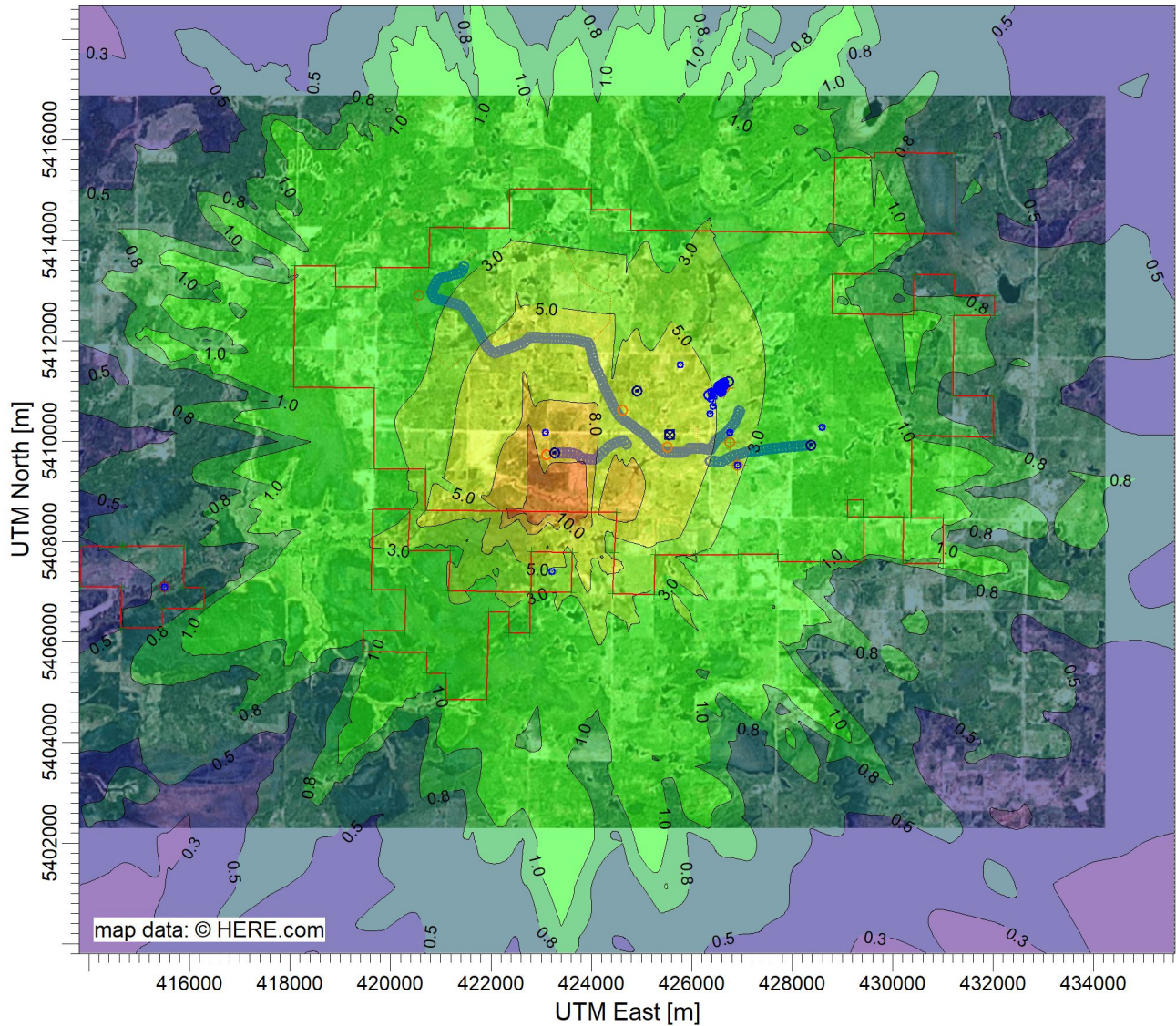
Max: 0.328 [ug/m<sup>3</sup>] at (424498.55, 5408579.22)



COMMENTS: Blast Annual	SOURCES: <b>30</b>	COMPANY NAME: <b>Trinity Consultants</b>	
	RECEPTORS: <b>8294</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: 1:136,154	
NO.: 227201.0080	MAX: <b>0.328 ug/m<sup>3</sup></b>		
		PROJECT	

PROJECT TITLE:

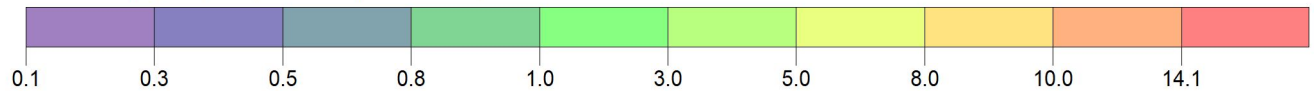
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: UNL\_NPAG

ug/m<sup>3</sup>

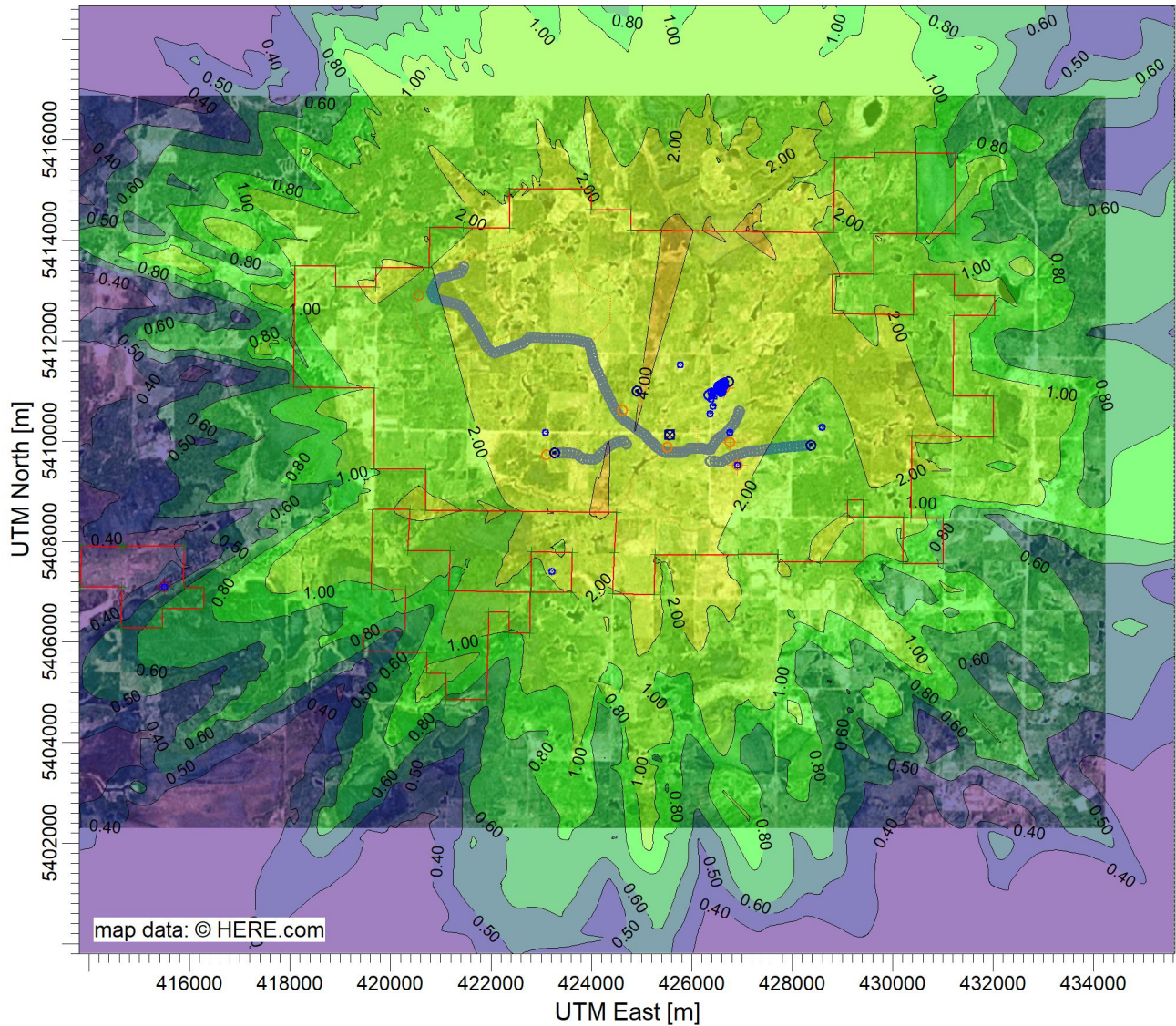
Max: 14.1 [ug/m<sup>3</sup>] at (422928.00, 5408593.00)



COMMENTS: Unload NPAG 24hrs	SOURCES: <b>30</b>	COMPANY NAME: <b>Trinity Consultants</b>	
	RECEPTORS: <b>8294</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: 1:137,243 0  5 km	
	MAXNO.: 227201.0080 <b>14.1 ug/m<sup>3</sup></b>		PROJECT

PROJECT TITLE:

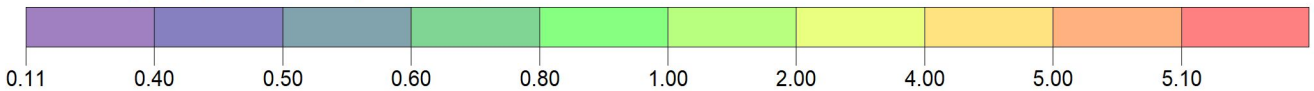
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: UNL\_OB

ug/m<sup>3</sup>

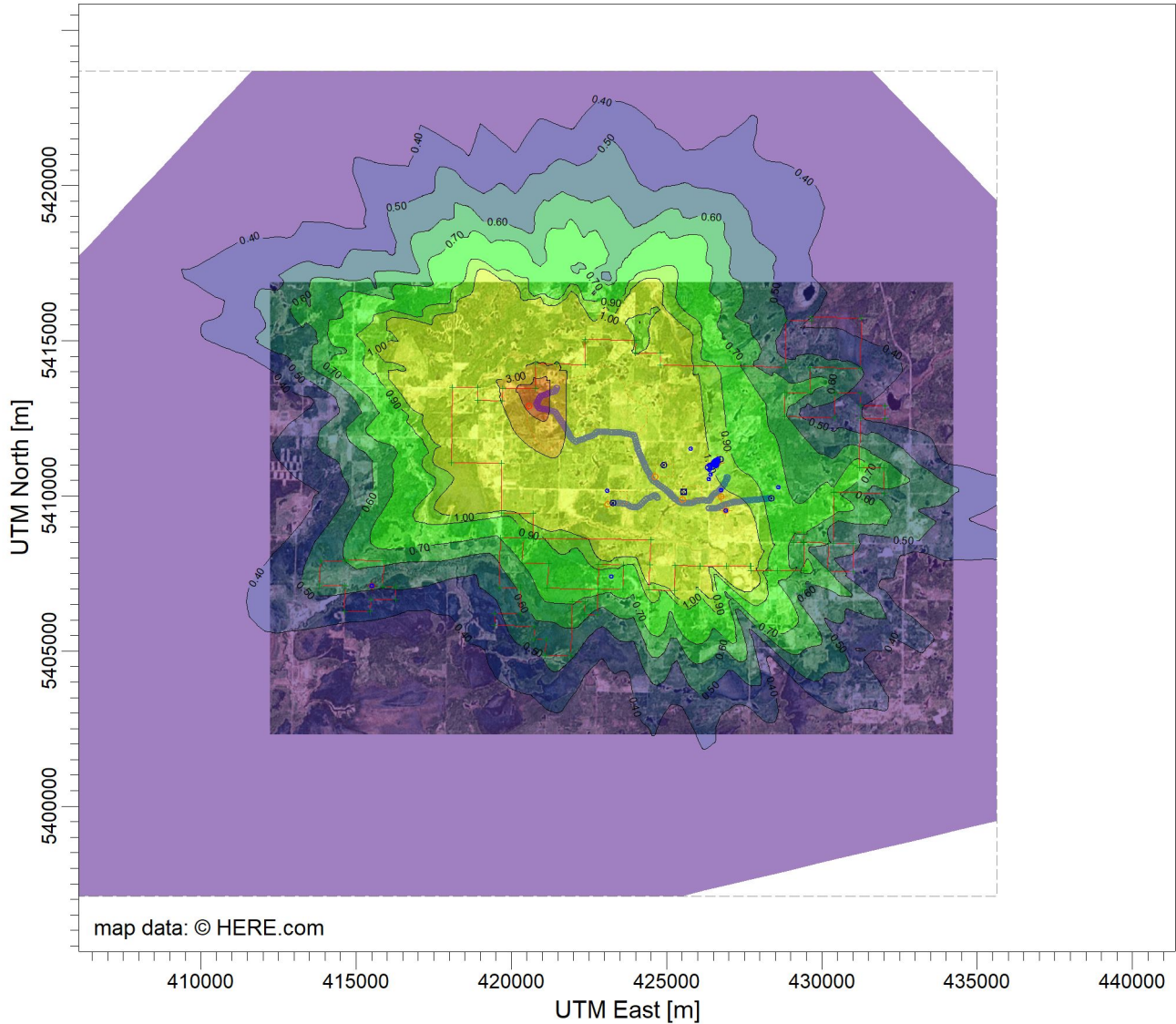
Max: 5.10 [ug/m<sup>3</sup>] at (427130.00, 5414223.00)



<p>COMMENTS:</p> <p>Unload OB 24hrs</p>	<p>SOURCES:</p> <p><b>30</b></p>	<p>COMPANY NAME:</p> <p><b>Trinity Consultants</b></p>	
	<p>RECEPTORS:</p> <p><b>8294</b></p>	<p>MODELER:</p>	
	<p>OUTPUT TYPE:</p> <p><b>Concentration</b></p>	<p>SCALE:</p> <p>1:137,243</p>	
	<p>MAXNO.:</p> <p>227201.0080</p> <p><b>5.10 ug/m<sup>3</sup></b></p>	<p>PROJECT</p>	

PROJECT TITLE:

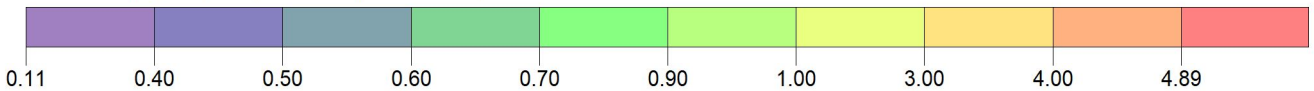
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: CONST\_HR

ug/m<sup>3</sup>

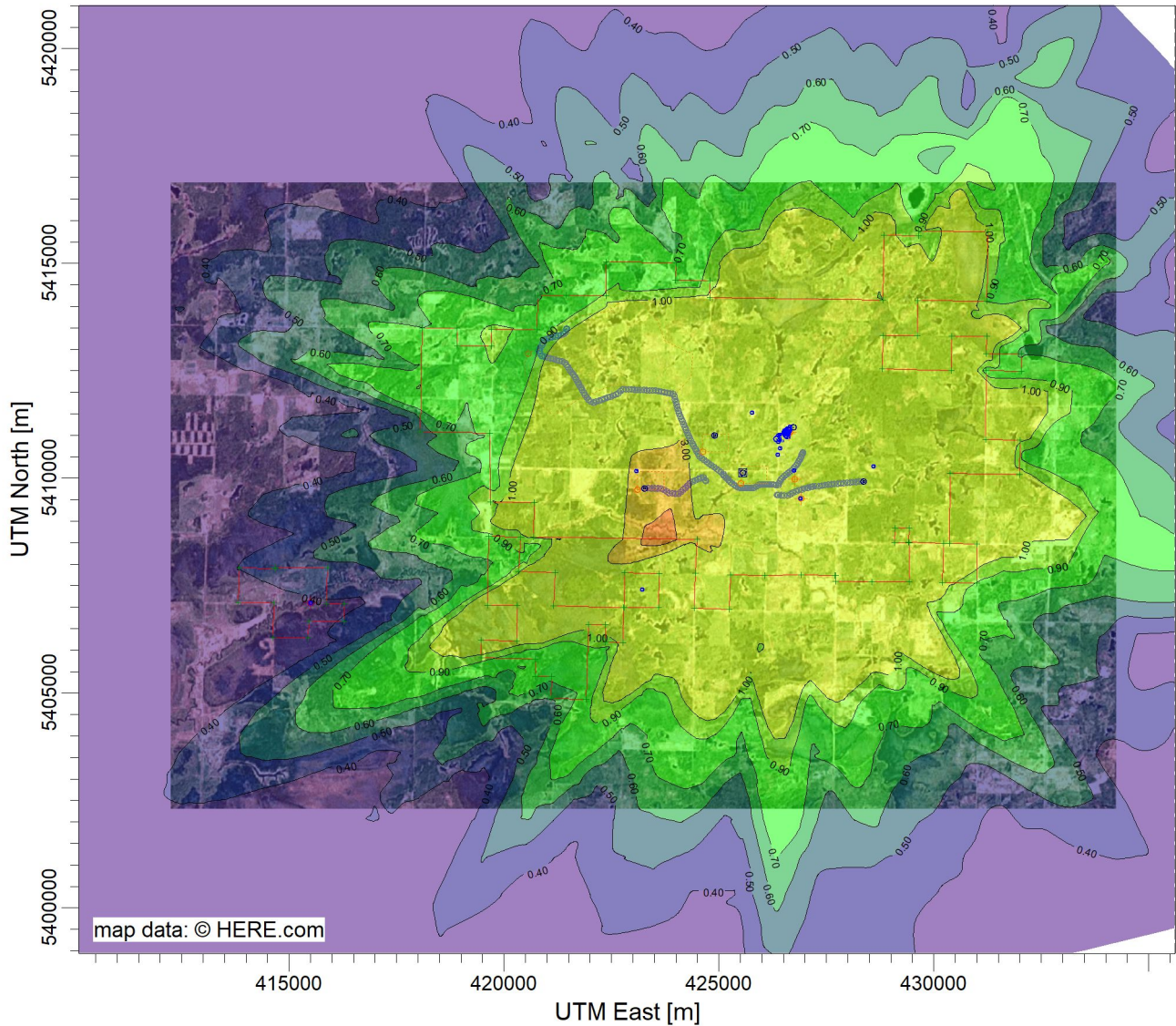
Max: 4.89 [ug/m<sup>3</sup>] at (420766.99, 5413450.09)



COMMENTS:  CONST_HR - 24hr	SOURCES:  <b>30</b>	COMPANY NAME:  <b>Trinity Consultants</b>	
	RECEPTORS:  <b>8294</b>	MODELER:	
	OUTPUT TYPE:  <b>Concentration</b>	SCALE:  1:221,915	
	MAX:  <b>4.89 ug/m<sup>3</sup></b>	DATE:  <b>3/22/2024</b>	PROJECT NO.:

PROJECT TITLE:

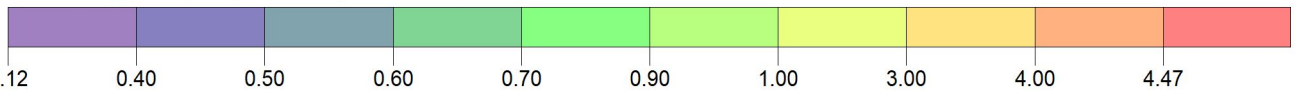
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: INPITHR

ug/m<sup>3</sup>

Max: 4.47 [ug/m<sup>3</sup>] at (423610.78, 5408569.00)

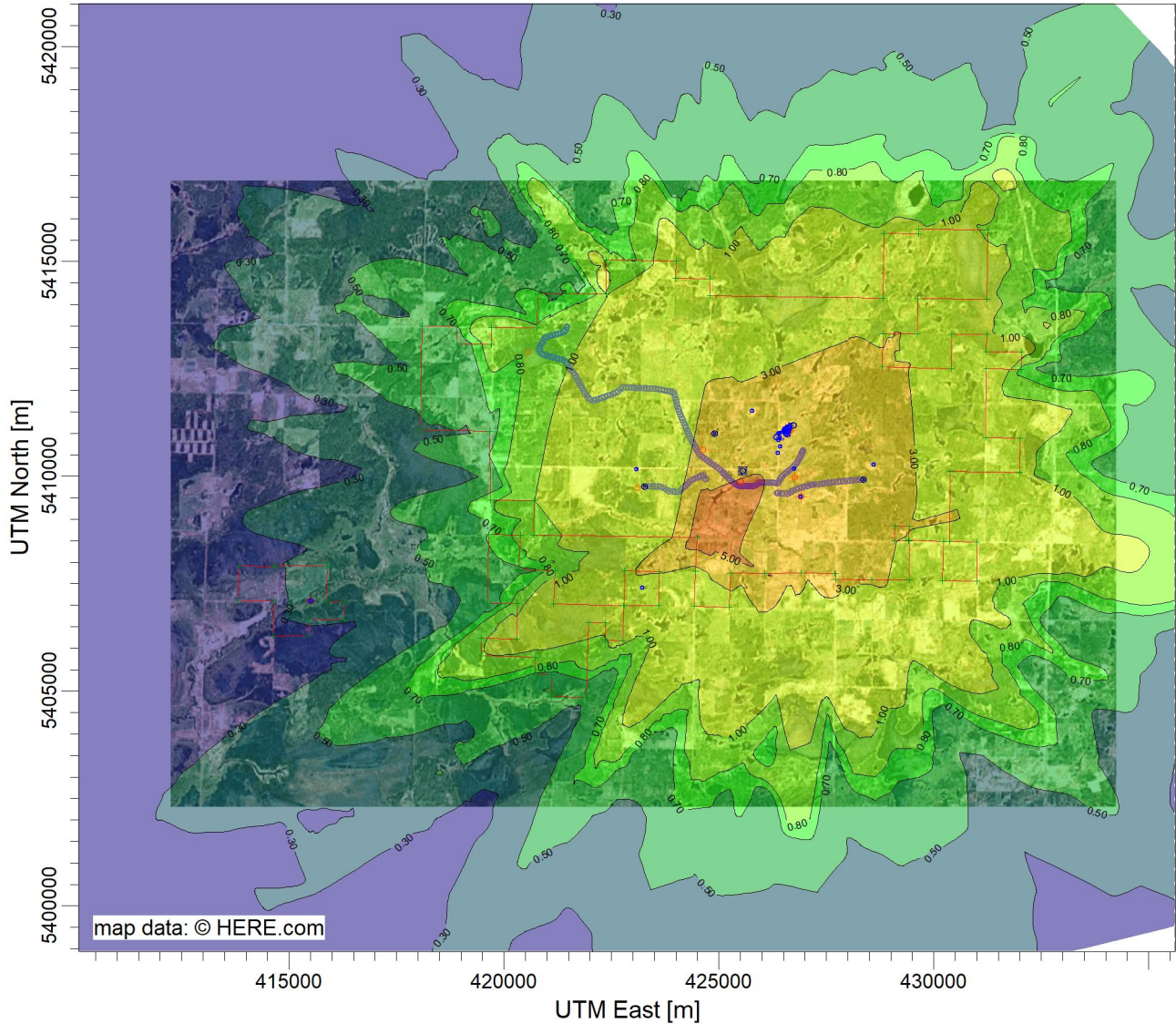


COMMENTS:  INPIT_HR - 24hr	SOURCES:  <b>30</b>	COMPANY NAME:  <b>Trinity Consultants</b>	
	RECEPTORS:  <b>8294</b>	MODELER:	
	OUTPUT TYPE:  <b>Concentration</b>	SCALE:  1:160,332	
	MAX:  <b>4.47 ug/m<sup>3</sup></b>	DATE:  <b>3/22/2024</b>	PROJECT NO.:



PROJECT TITLE:

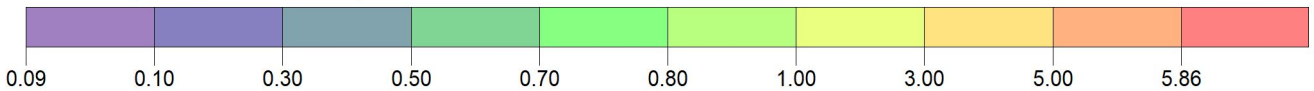
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: LG&PAG\_H

ug/m<sup>3</sup>

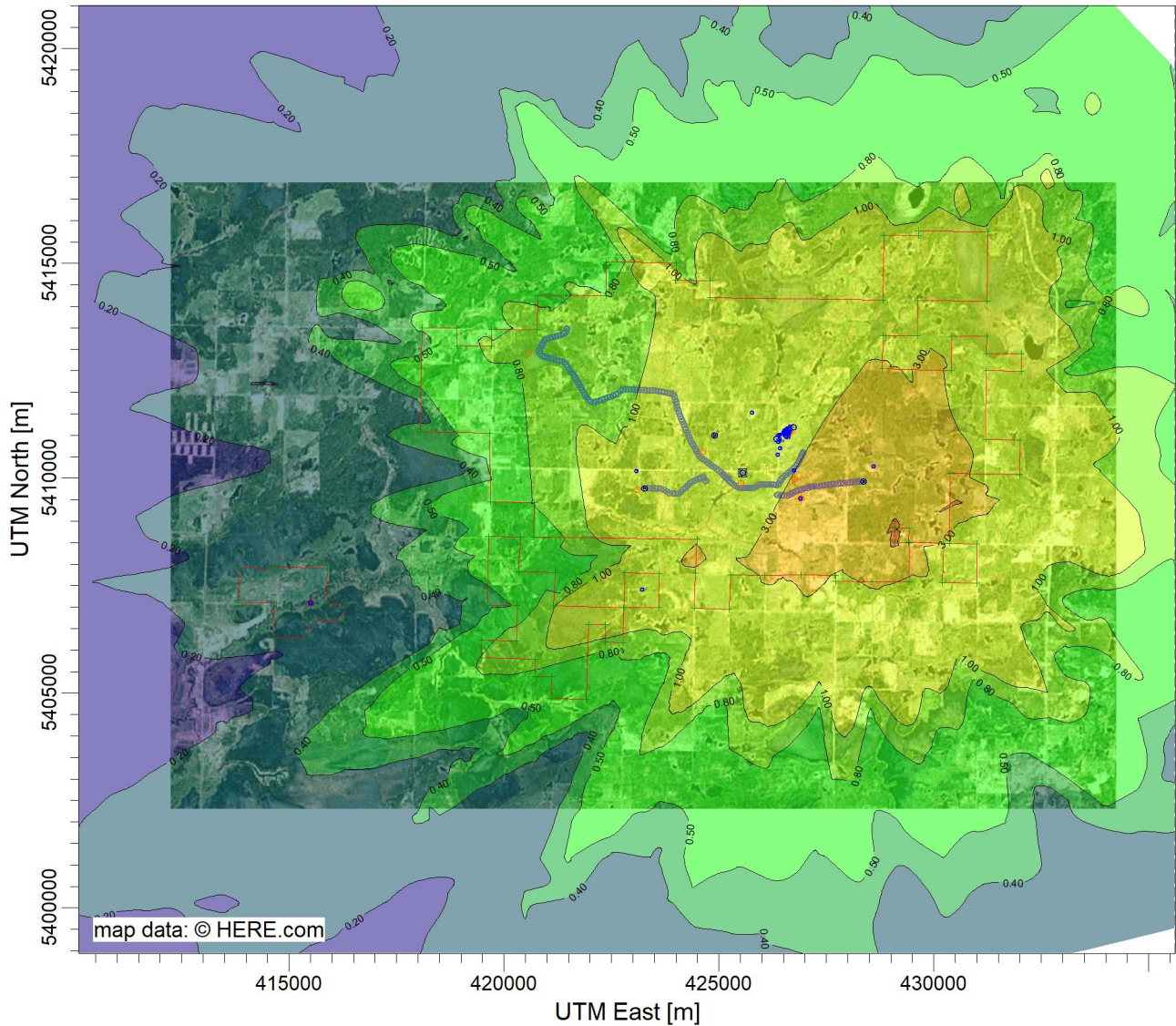
Max: 5.86 [ug/m<sup>3</sup>] at (424498.55, 5408579.22)



COMMENTS:  LG&PAG_HR - 24hr	SOURCES:  <b>30</b>	COMPANY NAME:  <b>Trinity Consultants</b>	
	RECEPTORS:  <b>8294</b>	MODELER:	
	OUTPUT TYPE:  <b>Concentration</b>	SCALE:  1:160,332	
	MAX:  <b>5.86 ug/m<sup>3</sup></b>	DATE:  <b>3/22/2024</b>	PROJECT NO.:

PROJECT TITLE:

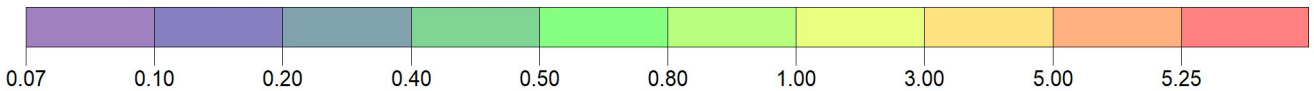
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: PAG\_HR

ug/m<sup>3</sup>

Max: 5.25 [ug/m<sup>3</sup>] at (429130.00, 5408623.00)



COMMENTS:

PAG\_HR - 24hr

SOURCES:

**30**

COMPANY NAME:

**Trinity Consultants**

RECEPTORS:

**8294**

MODELER:

OUTPUT TYPE:

**Concentration**

SCALE:

1:160,332



MAX:

**5.25 ug/m<sup>3</sup>**

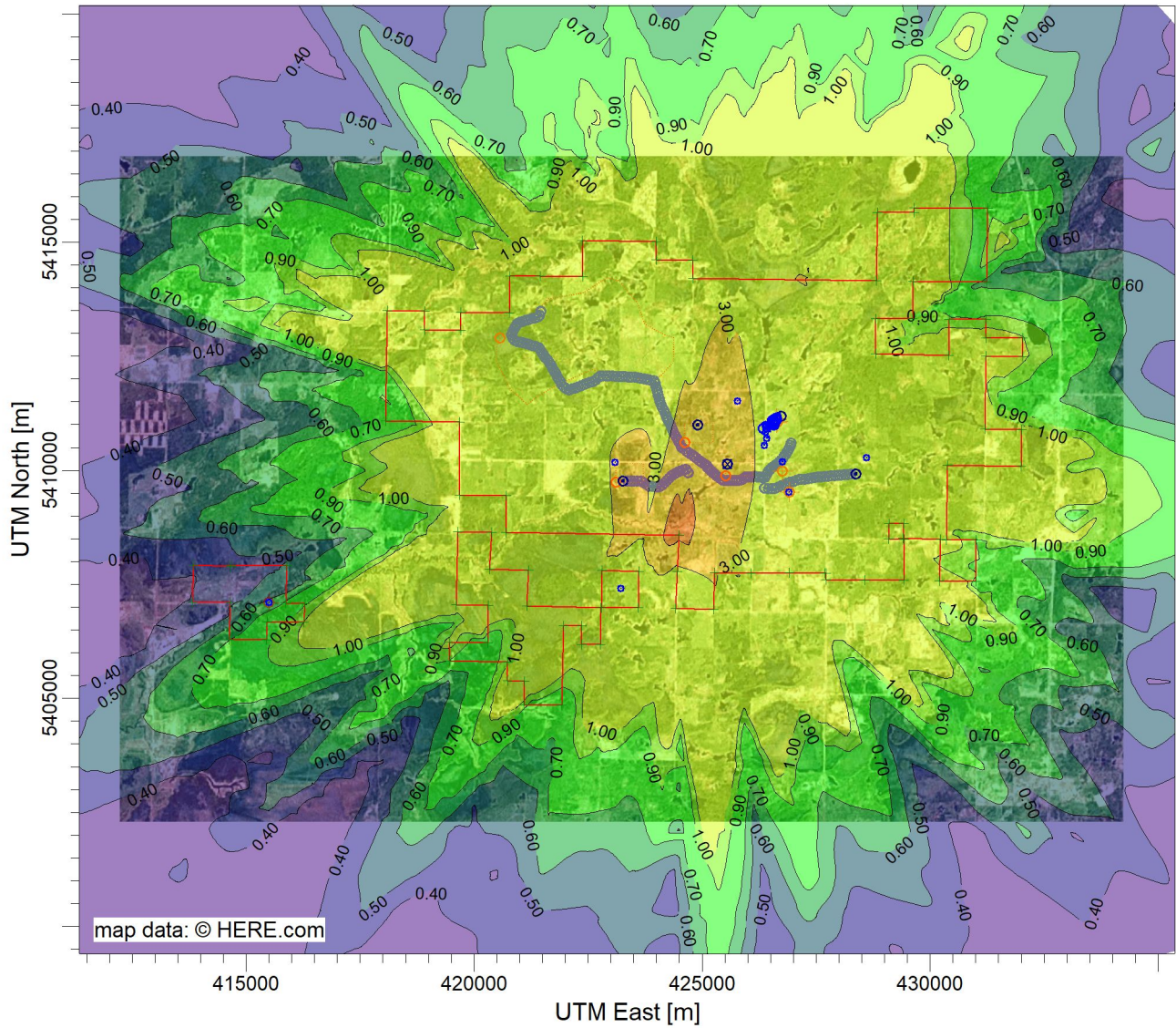
DATE:

**3/22/2024**

PROJECT NO.:

PROJECT TITLE:

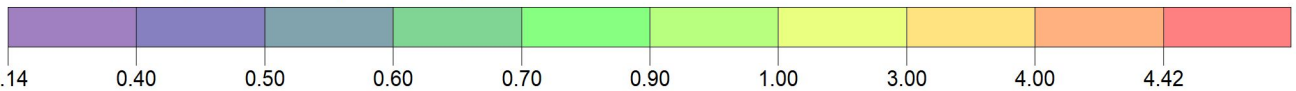
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: EMRSS

ug/m<sup>3</sup>

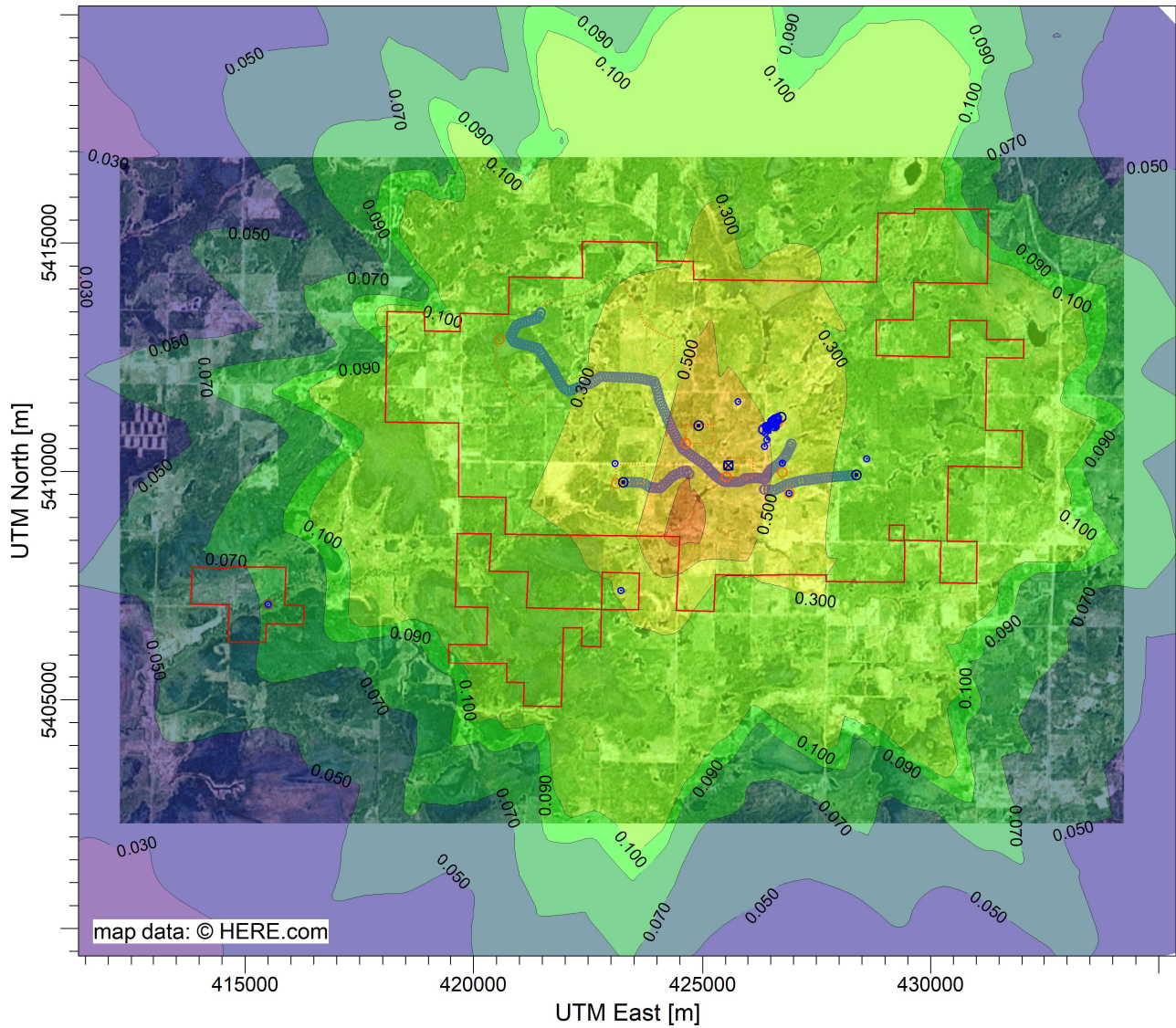
Max: 4.42 [ug/m<sup>3</sup>] at (424380.00, 5408573.00)



COMMENTS: EMRS 24 hrs	SOURCES: <b>30</b>	COMPANY NAME: <b>Trinity Consultants</b>	
	RECEPTORS: <b>8294</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: 1:151,142	
	MAX: <b>4.42 ug/m<sup>3</sup></b>		

PROJECT TITLE:

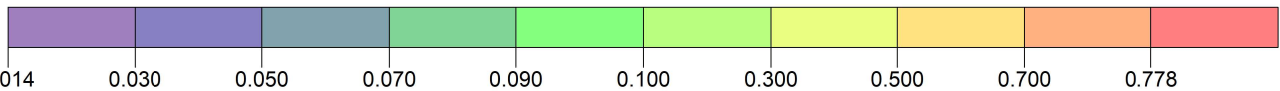
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH MONTH VALUES FOR SOURCE GROUP: EMRSS

ug/m<sup>3</sup>

Max: 0.778 [ug/m<sup>3</sup>] at (424498.55, 5408579.22)



COMMENTS:

EMRSS 30 day

SOURCES:

**30**

COMPANY NAME:

**Trinity Consultants**

RECEPTORS:

**8294**

MODELER:

OUTPUT TYPE:

**Concentration**

SCALE:

1:151,073

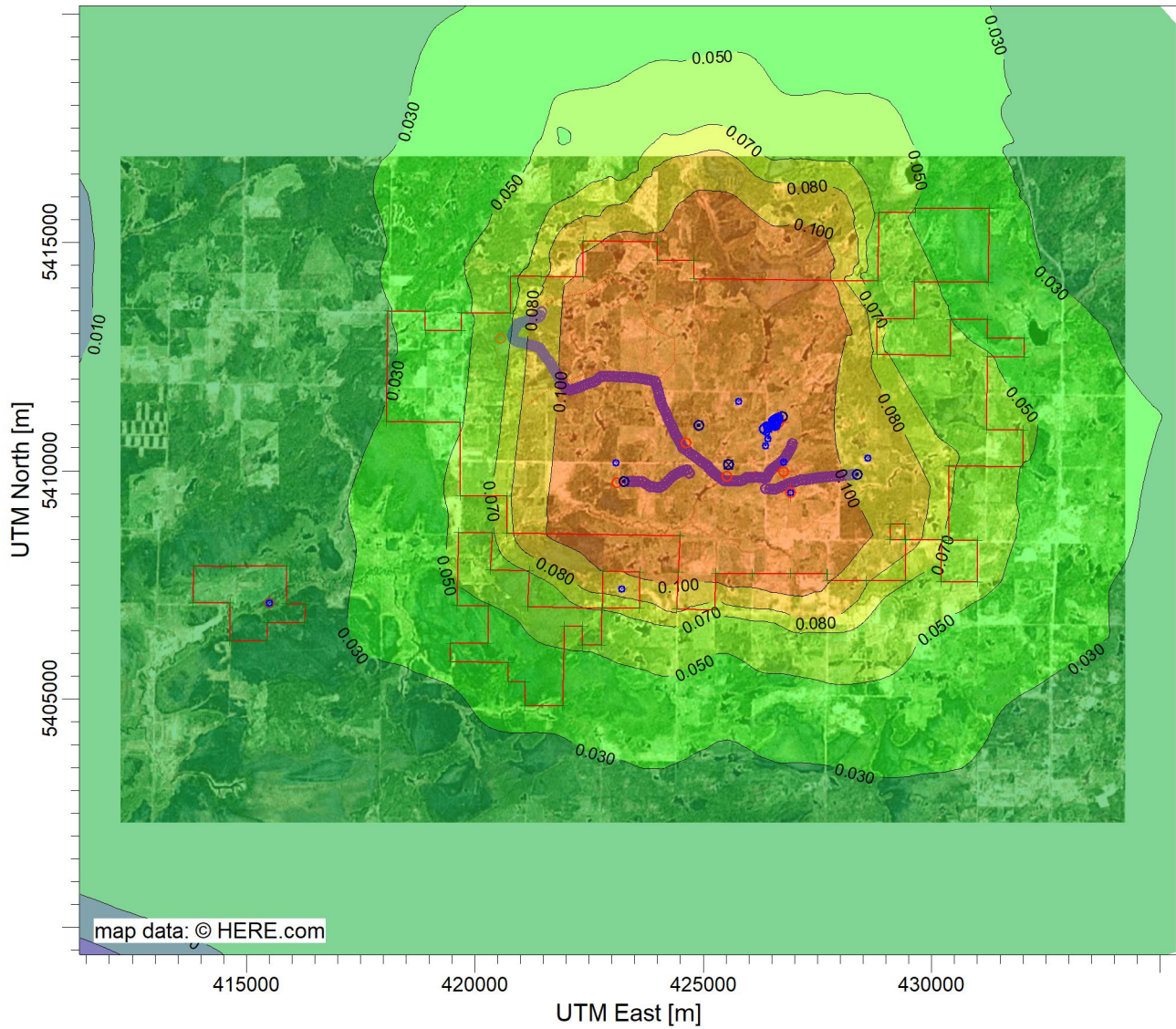
0 5 km

MAX:

**0.778 ug/m<sup>3</sup>**

PROJECT TITLE:

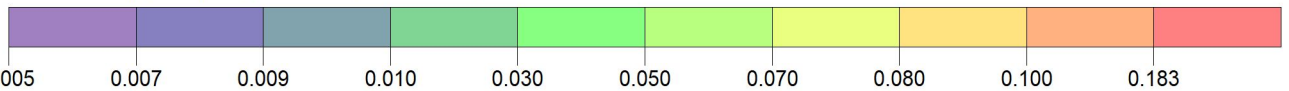
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: EMRSS

ug/m<sup>3</sup>

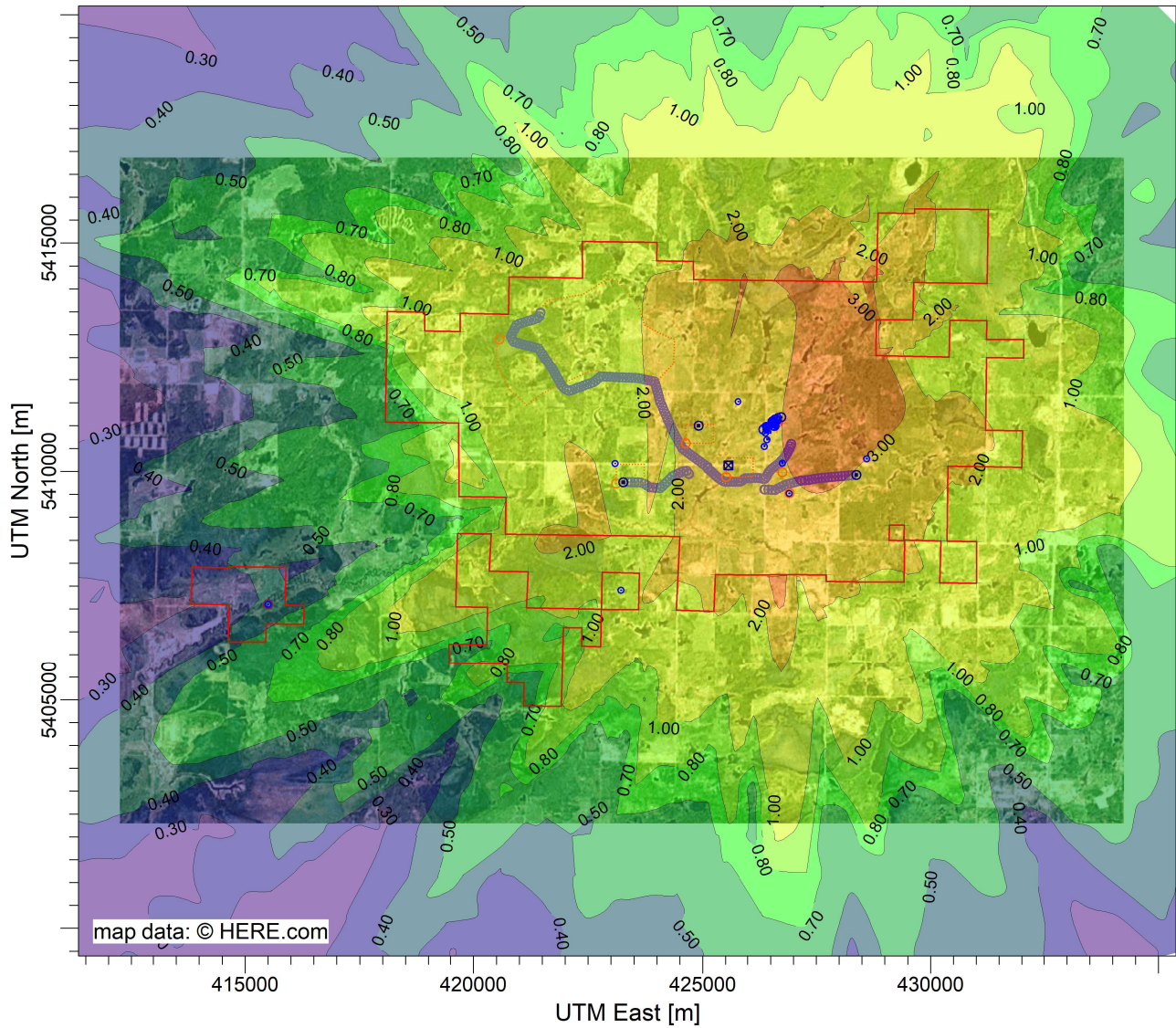
Max: 0.183 [ug/m<sup>3</sup>] at (424930.00, 5414223.00)



COMMENTS: EMRSS Annual	SOURCES: <b>30</b>	COMPANY NAME: <b>Trinity Consultants</b>	
	RECEPTORS: <b>8294</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: 1:151,114	
	MAX: <b>0.183 ug/m<sup>3</sup></b>		

PROJECT TITLE:

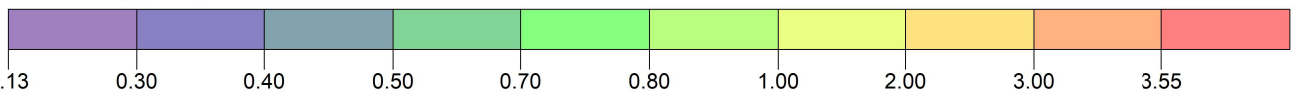
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: LEACH1

ug/m<sup>3</sup>

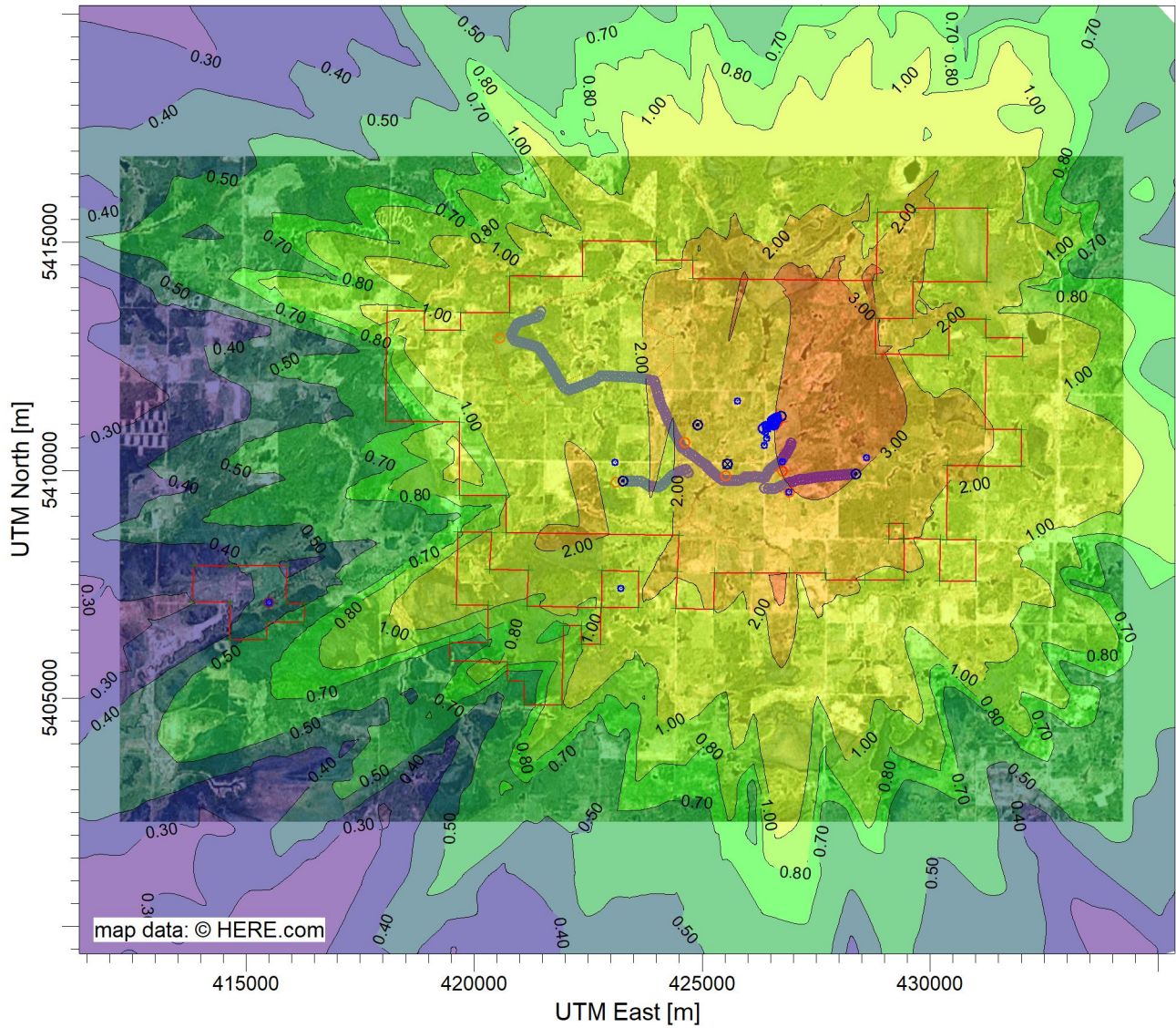
Max: 3.55 [ug/m<sup>3</sup>] at (428808.13, 5412548.18)



<p>COMMENTS:</p> <p>Leach 1 24hrs</p>	<p>SOURCES:</p> <p><b>30</b></p>	<p>COMPANY NAME:</p> <p><b>Trinity Consultants</b></p>	
	<p>RECEPTORS:</p> <p><b>8294</b></p>	<p>MODELER:</p>	
	<p>OUTPUT TYPE:</p> <p><b>Concentration</b></p>	<p>SCALE:</p> <p>1:151,102</p>	
	<p>MAX:</p> <p><b>3.55 ug/m<sup>3</sup></b></p>	<p>PROJECT NO.:</p>	

PROJECT TITLE:

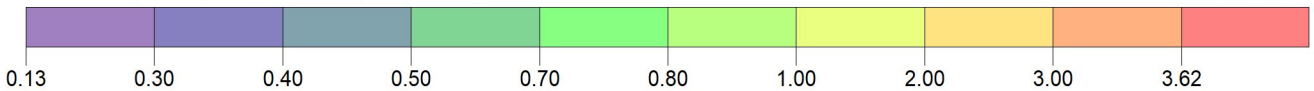
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: LEACH2

ug/m<sup>3</sup>

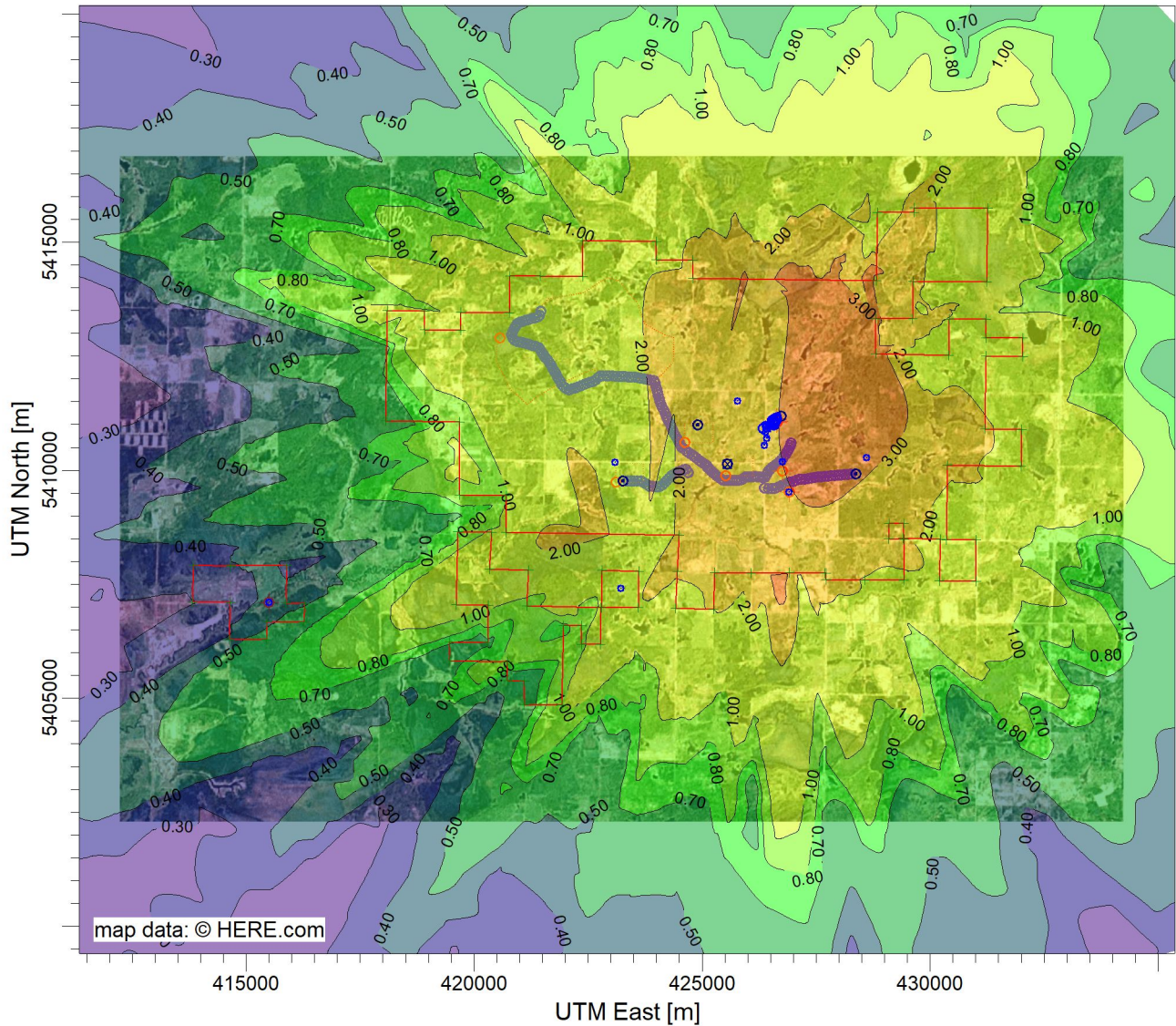
Max: 3.62 [ug/m<sup>3</sup>] at (428808.13, 5412548.18)



<p>COMMENTS:</p> <p>Leach 2 24hrs</p>	<p>SOURCES:</p> <p><b>30</b></p>	<p>COMPANY NAME:</p> <p><b>Trinity Consultants</b></p>	
	<p>RECEPTORS:</p> <p><b>8294</b></p>	<p>MODELER:</p>	
	<p>OUTPUT TYPE:</p> <p><b>Concentration</b></p>	<p>SCALE:</p> <p>1:151,142</p>	
	<p>MAX:</p> <p><b>3.62 ug/m<sup>3</sup></b></p>		

PROJECT TITLE:

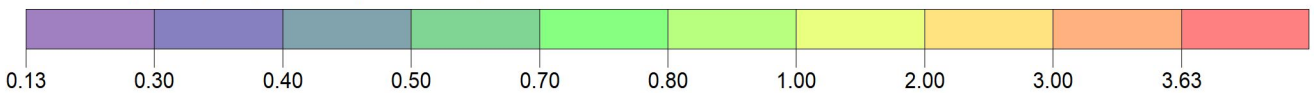
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: LEACH3

ug/m<sup>3</sup>

Max: 3.63 [ug/m<sup>3</sup>] at (428808.13, 5412548.18)

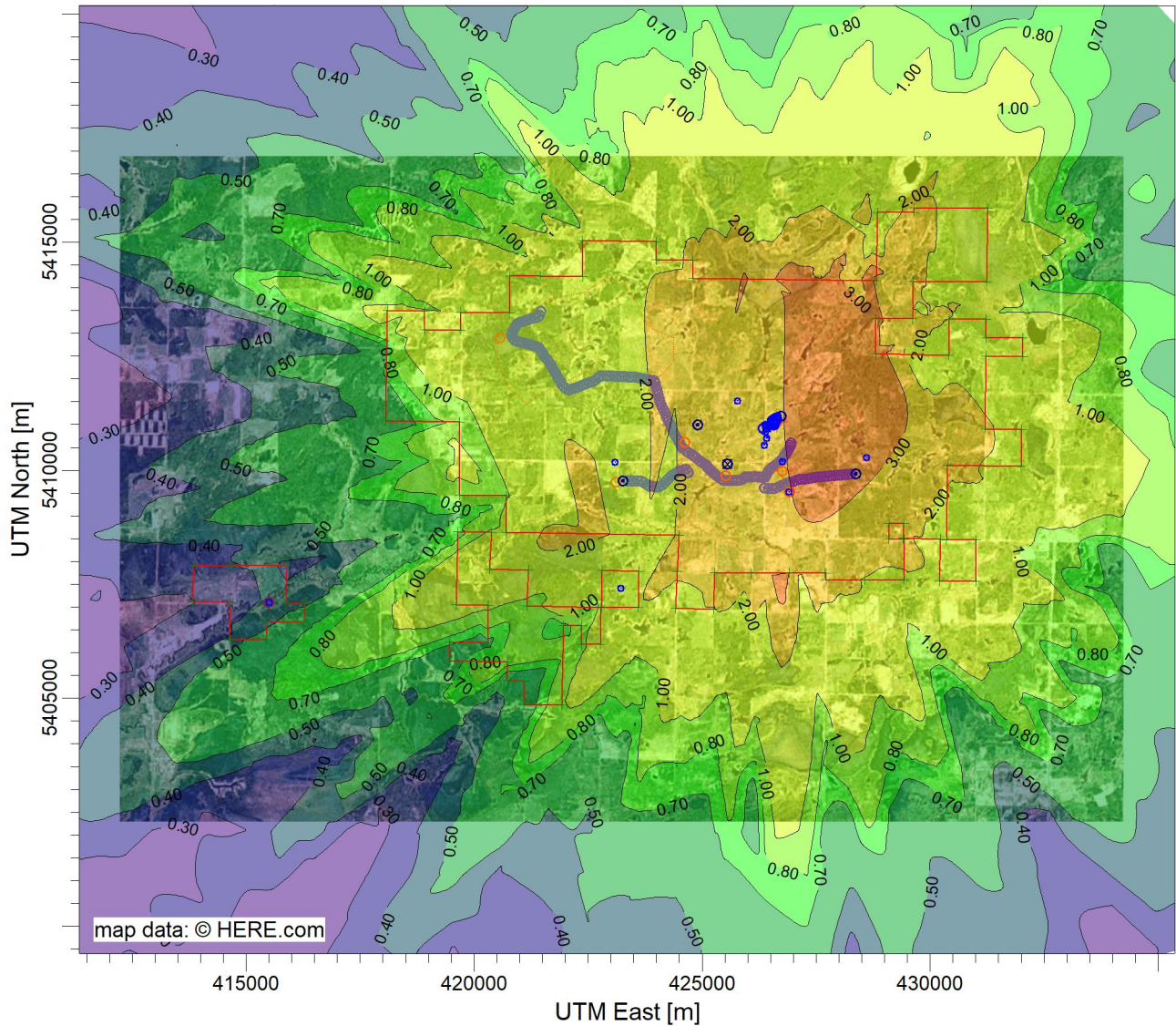


COMMENTS: Leach 3 24hrs	SOURCES: <b>30</b>	COMPANY NAME: <b>Trinity Consultants</b>	
	RECEPTORS: <b>8294</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: 1:151,142	
	MAX: <b>3.63 ug/m<sup>3</sup></b>		



PROJECT TITLE:

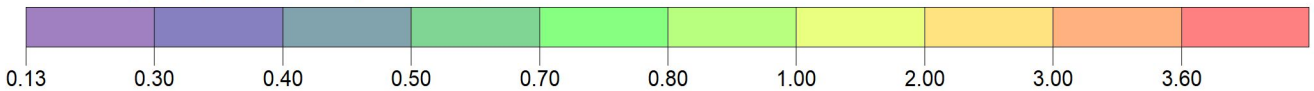
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: LEACH4

ug/m<sup>3</sup>

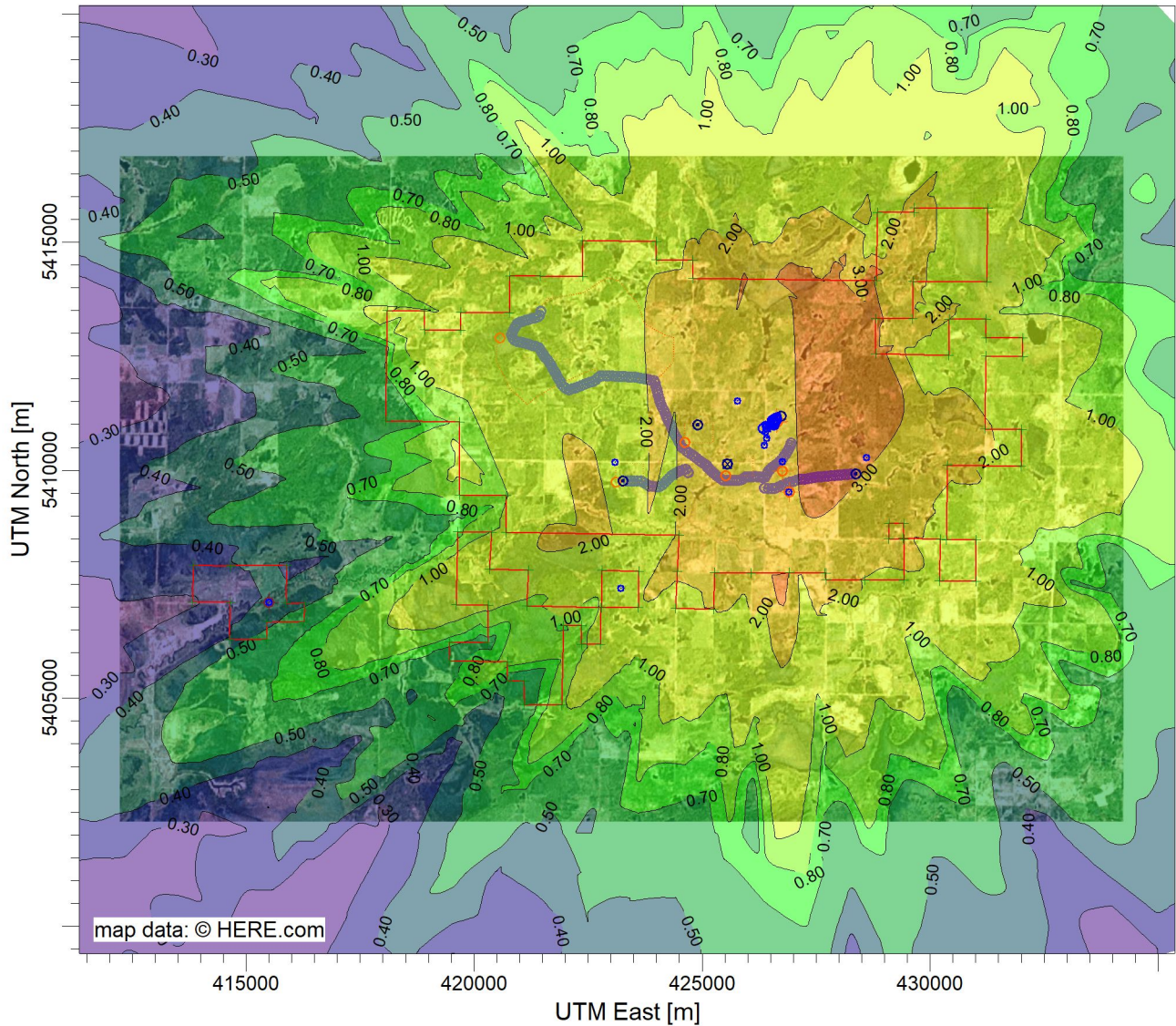
Max: 3.60 [ug/m<sup>3</sup>] at (428808.13, 5412548.18)



<p>COMMENTS:</p> <p>Leach 4 24hrs</p>	<p>SOURCES:</p> <p><b>30</b></p>	<p>COMPANY NAME:</p> <p><b>Trinity Consultants</b></p>		
	<p>RECEPTORS:</p> <p><b>8294</b></p>	<p>MODELER:</p>		
	<p>OUTPUT TYPE:</p> <p><b>Concentration</b></p>	<p>SCALE:</p> <p>1:151,142</p>		
	<p>MAX:</p> <p><b>3.60 ug/m<sup>3</sup></b></p>			

PROJECT TITLE:

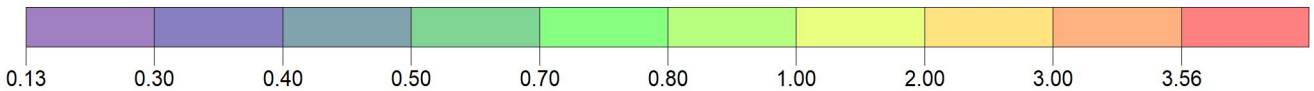
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: LEACH5

ug/m<sup>3</sup>

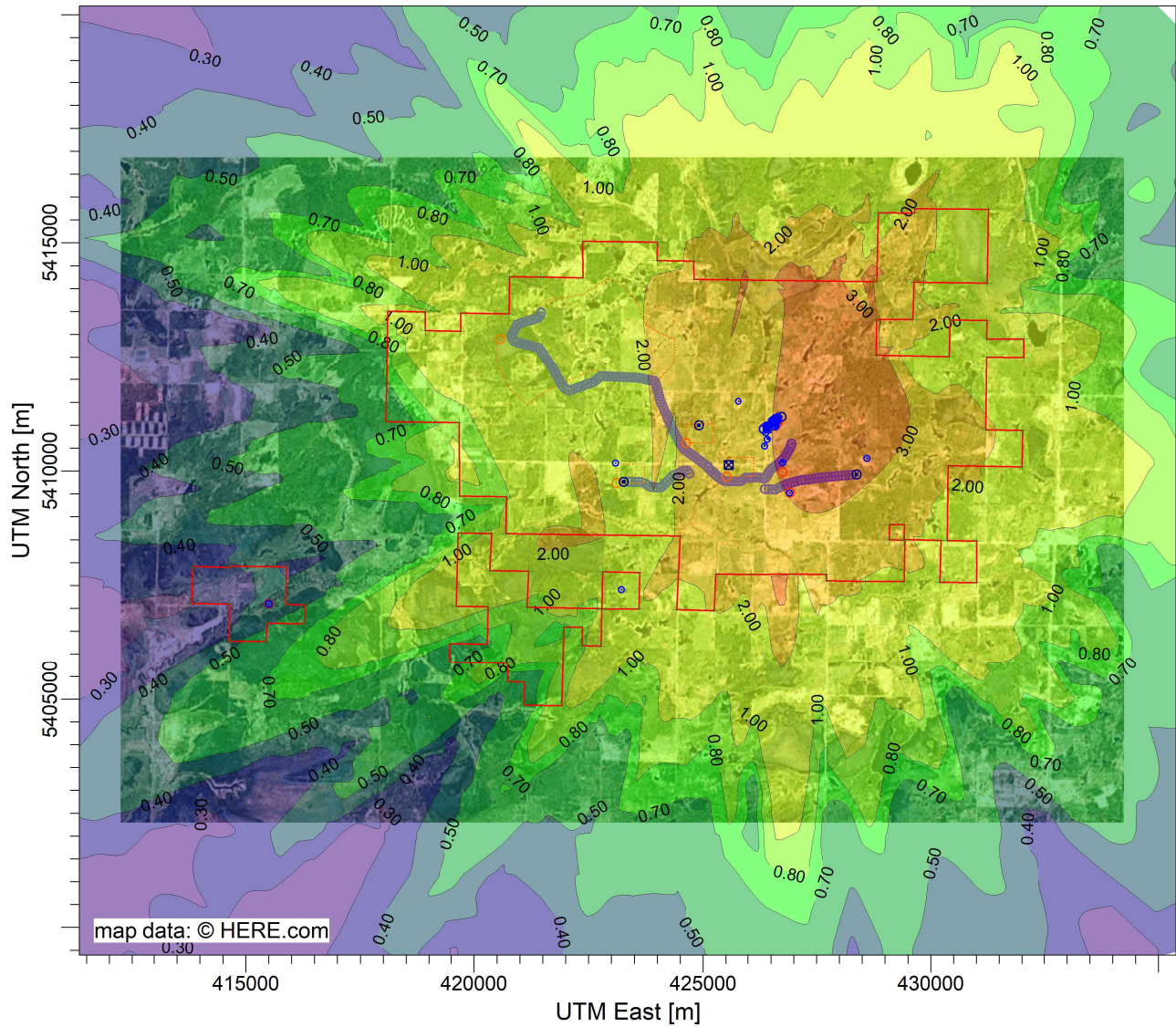
Max: 3.56 [ug/m<sup>3</sup>] at (426928.00, 5414193.00)



<p>COMMENTS:</p> <p>Leach 5 24hrs</p>	<p>SOURCES:</p> <p><b>30</b></p>	<p>COMPANY NAME:</p> <p><b>Trinity Consultants</b></p>	
	<p>RECEPTORS:</p> <p><b>8294</b></p>	<p>MODELER:</p>	
	<p>OUTPUT TYPE:</p> <p><b>Concentration</b></p>	<p>SCALE:</p> <p>1:151,142</p>	
	<p>MAX:</p> <p><b>3.56 ug/m<sup>3</sup></b></p>		

PROJECT TITLE:

**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: LEACH6

ug/m<sup>3</sup>

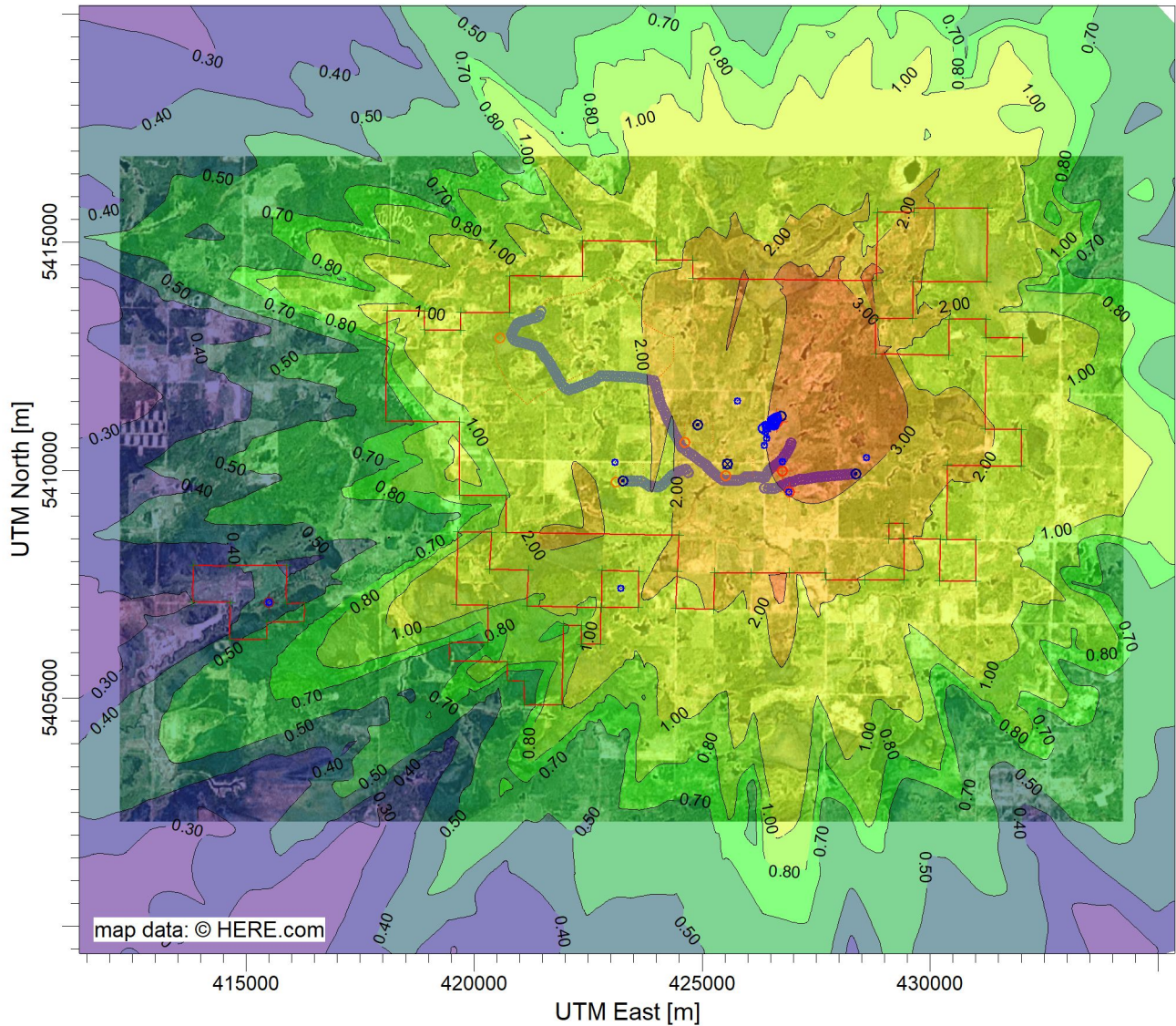
Max: 3.69 [ug/m<sup>3</sup>] at (428808.13, 5412548.18)



<p>COMMENTS:</p> <p>Leach 6 24hrs</p>	<p>SOURCES:</p> <p><b>30</b></p>	<p>COMPANY NAME:</p> <p><b>Trinity Consultants</b></p>	
	<p>RECEPTORS:</p> <p><b>8294</b></p>	<p>MODELER:</p>	
	<p>OUTPUT TYPE:</p> <p><b>Concentration</b></p>	<p>SCALE:</p> <p>1:151,102</p>	
	<p>MAX:</p> <p><b>3.69 ug/m<sup>3</sup></b></p>		

PROJECT TITLE:

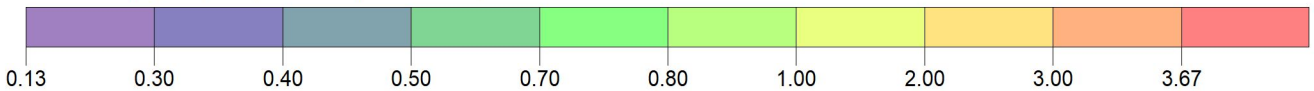
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: LEACH7

ug/m<sup>3</sup>

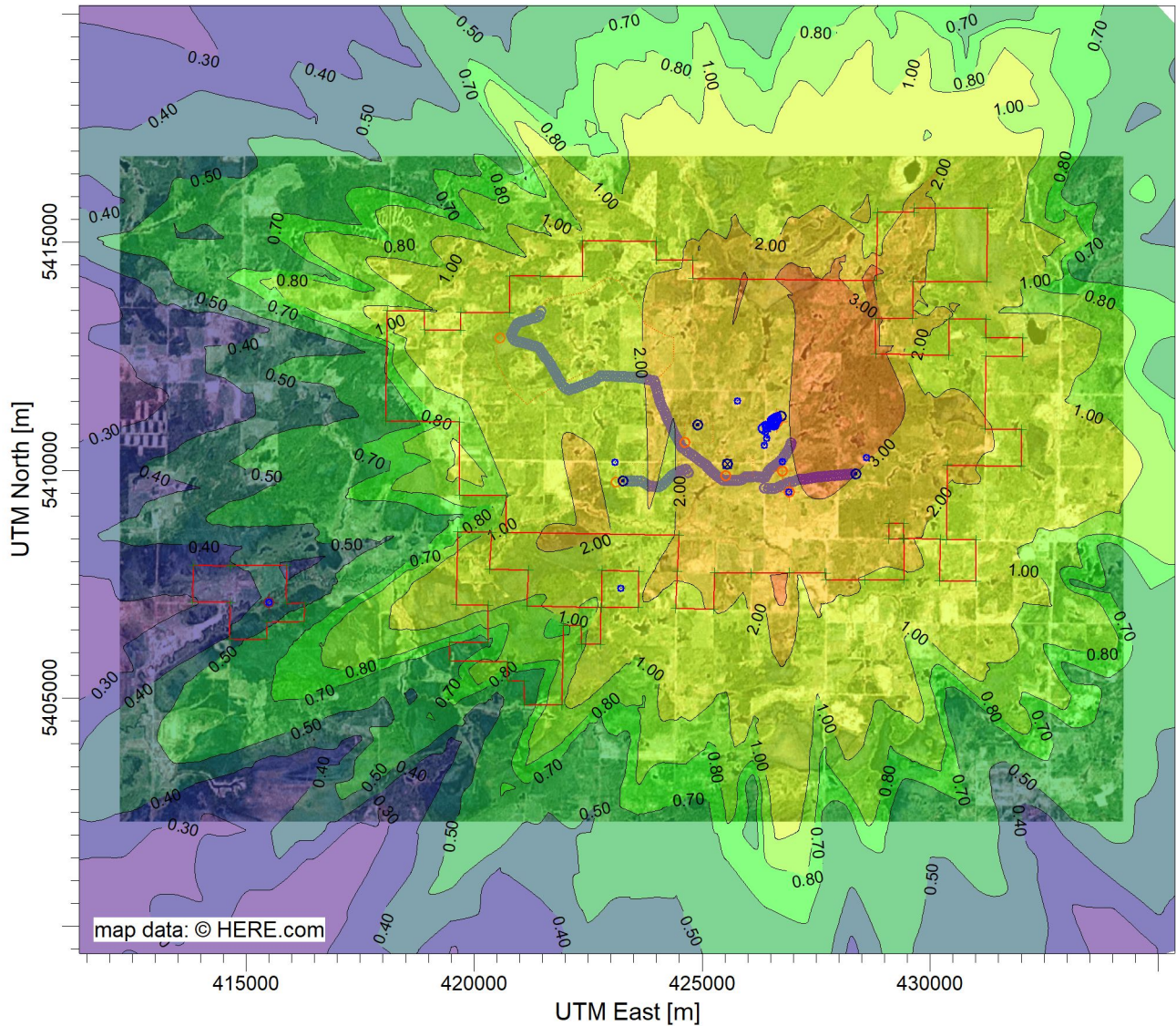
Max: 3.67 [ug/m<sup>3</sup>] at (428808.13, 5412548.18)



COMMENTS: Leach 7 24hrs	SOURCES: <b>30</b>	COMPANY NAME: <b>Trinity Consultants</b>	
	RECEPTORS: <b>8294</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: 1:151,142 0  5 km	
	MAX: <b>3.67 ug/m<sup>3</sup></b>		

PROJECT TITLE:

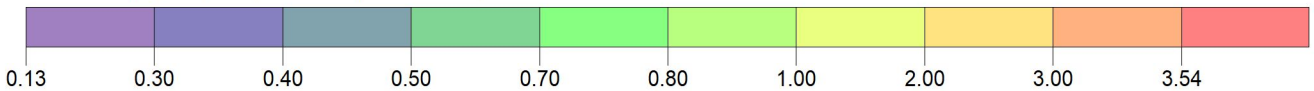
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: LEACH8

ug/m<sup>3</sup>

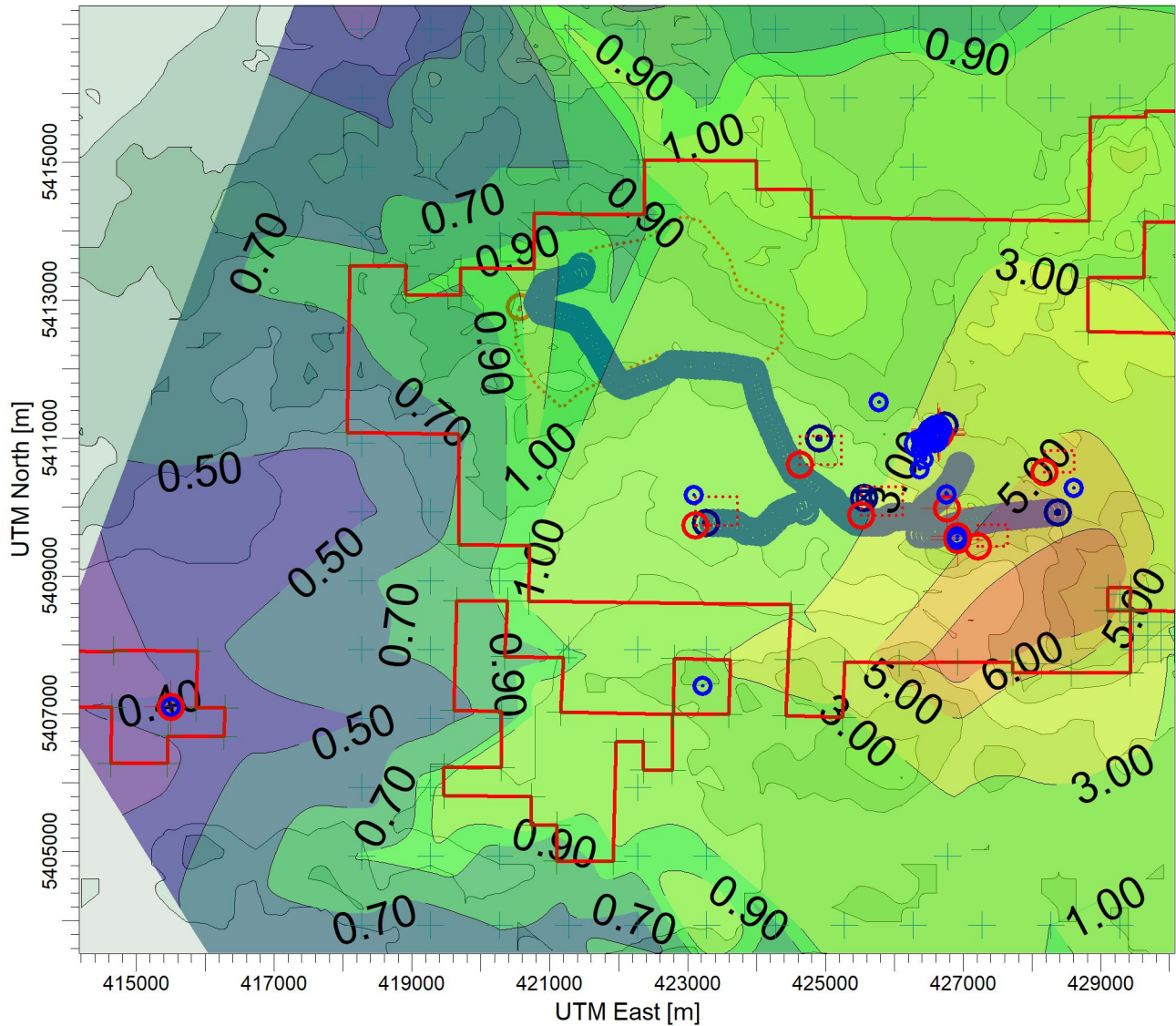
Max: 3.54 [ug/m<sup>3</sup>] at (426928.00, 5414193.00)



COMMENTS: Leach 8 24hrs	SOURCES: <b>30</b>	COMPANY NAME: <b>Trinity Consultants</b>	
	RECEPTORS: <b>8294</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: 1:151,142 0  5 km	
	MAX: <b>3.54 ug/m<sup>3</sup></b>		

PROJECT TITLE:

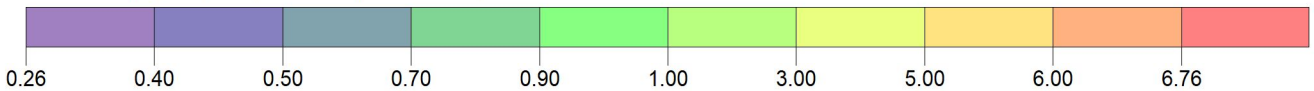
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

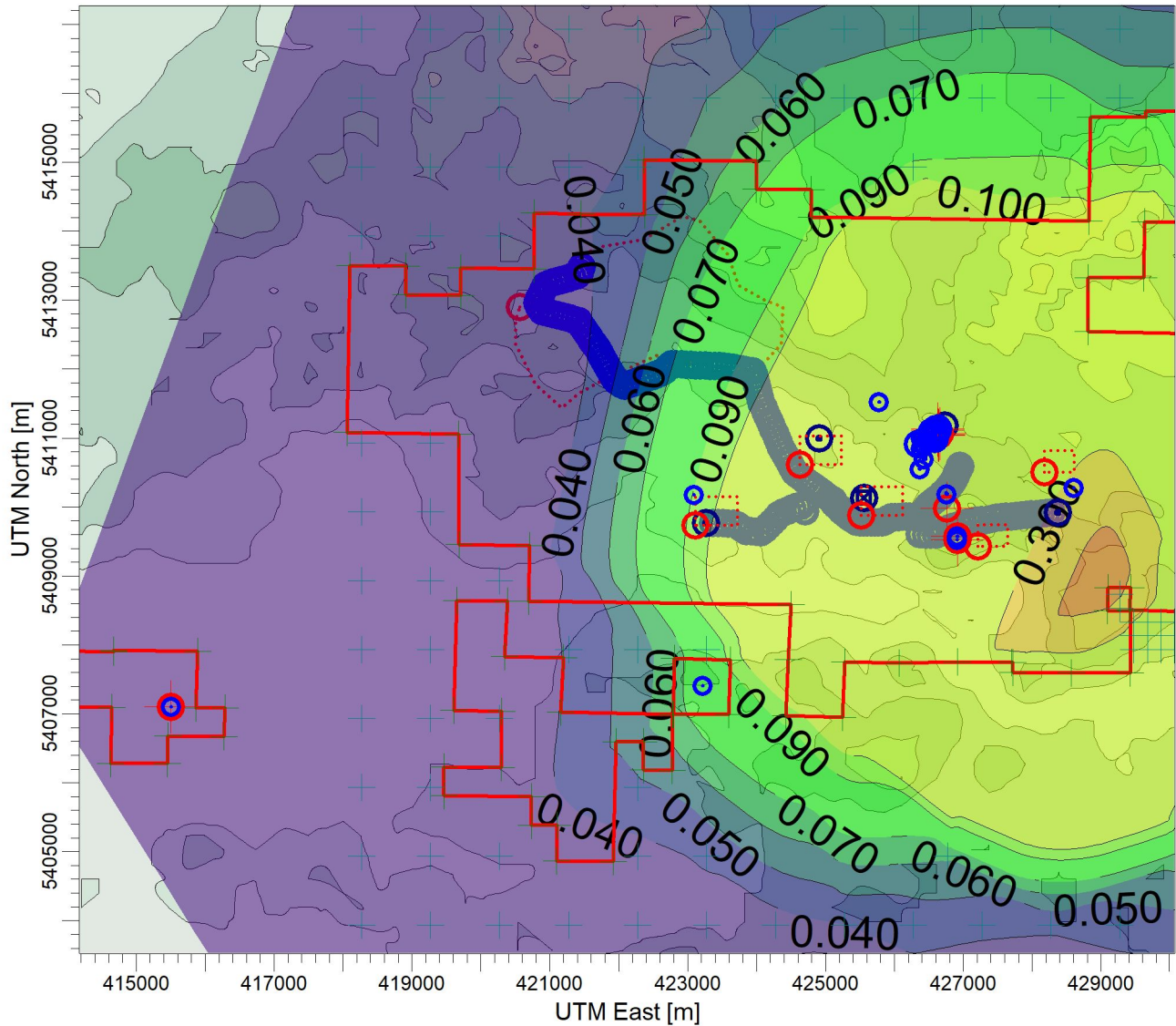
Max: 6.76 [ug/m<sup>3</sup>] at (429101.68, 5408830.13)



COMMENTS: LGO 24 hrs	SOURCES: <b>34</b>	COMPANY NAME: <b>Trinity Consultants</b>	
	RECEPTORS: <b>1871</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: 1:100,000	
	NO.: 227201.0080 <b>6.76 ug/m<sup>3</sup></b>		PROJECT

PROJECT TITLE:

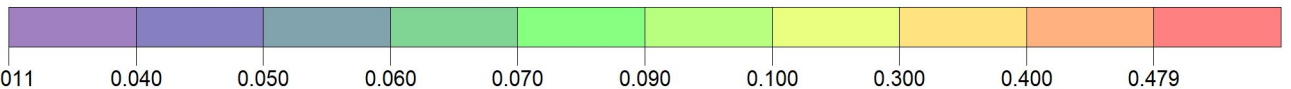
**New Gold Rainy River Mine  
ESDM Update**




PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

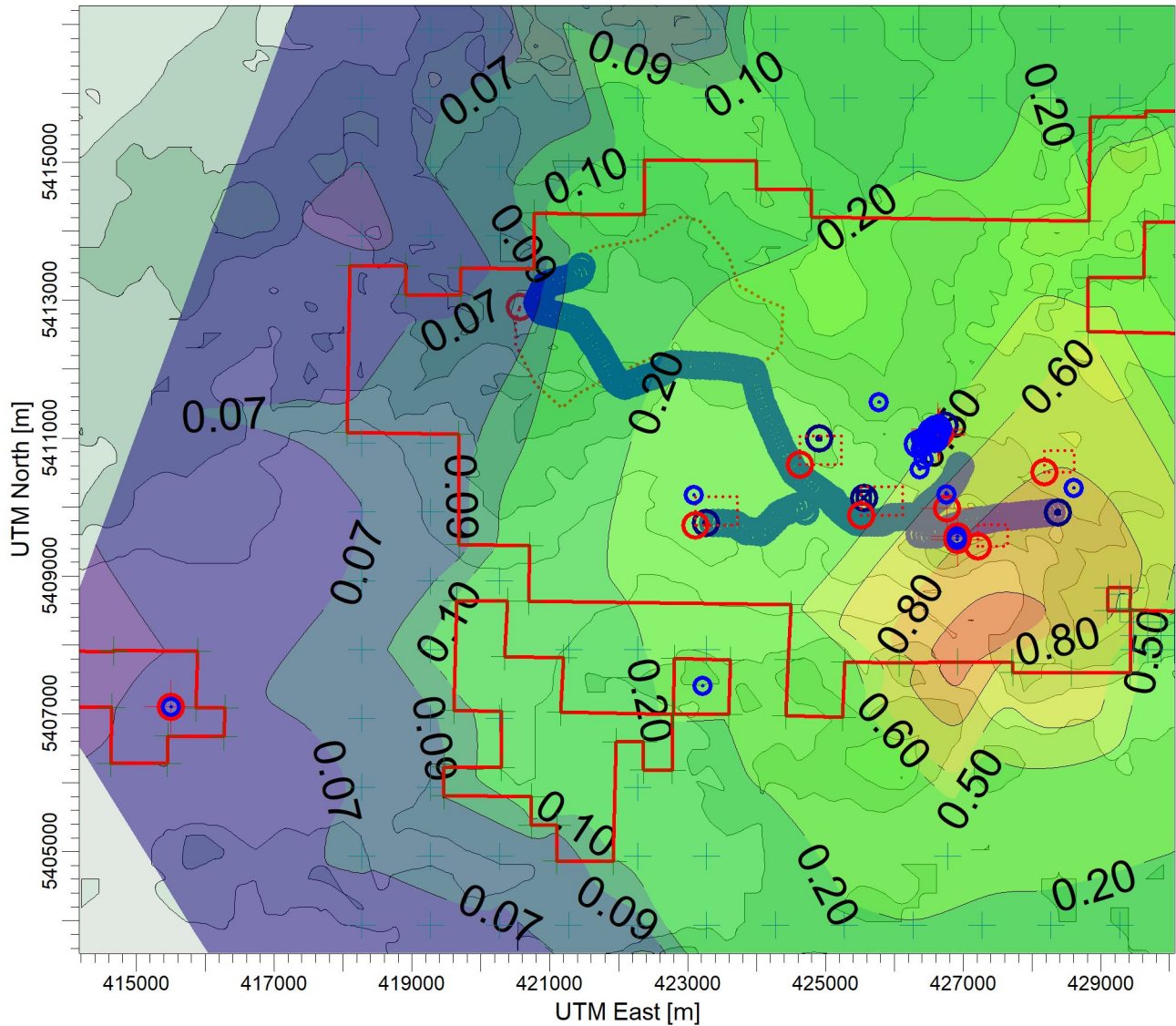
Max: 0.479 [ug/m<sup>3</sup>] at (429101.68, 5408830.13)



COMMENTS: LGO Annual	SOURCES: <b>34</b>	COMPANY NAME: <b>Trinity Consultants</b>	
	RECEPTORS: <b>1871</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: 1:100,000	
	MAX: NO.: 227201.0080 <b>0.479 ug/m<sup>3</sup></b>	0  4 km	PROJECT

PROJECT TITLE:

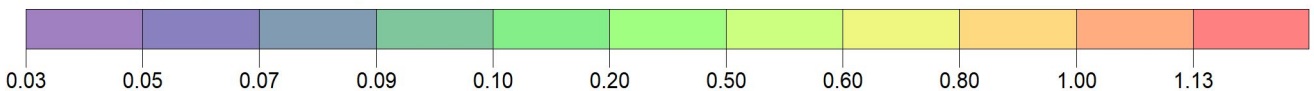
**New Gold Rainy River Mine  
ESDM Update**




PLOT FILE OF HIGH 1ST HIGH MONTH VALUES FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

Max: 1.13 [ug/m<sup>3</sup>] at (426917.17, 5407750.31)

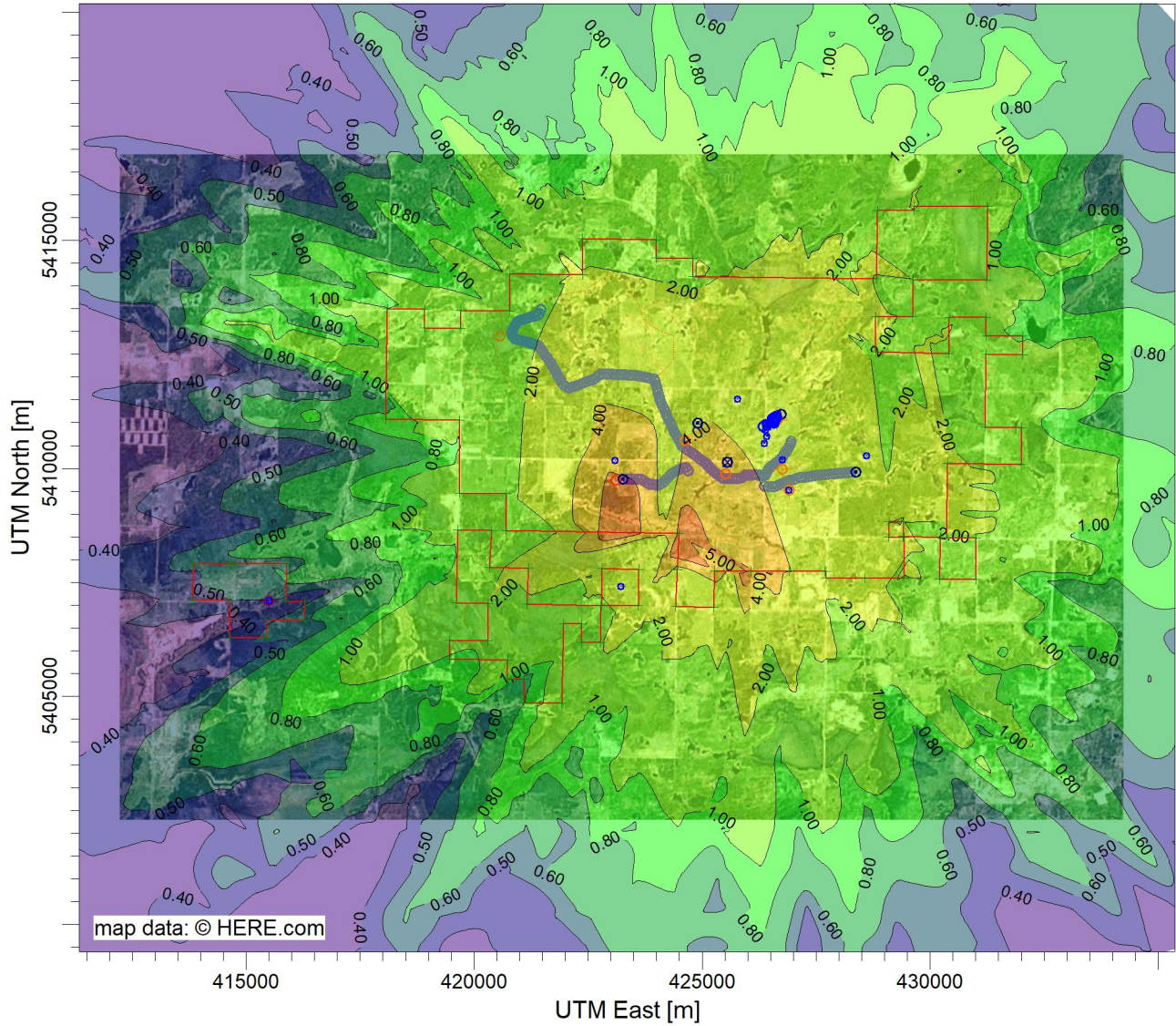


COMMENTS: LGO Monthly	SOURCES: <b>34</b>	COMPANY NAME: <b>Trinity Consultants</b>	
	RECEPTORS: <b>1871</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: 1:100,000	
	MAX: NO.: 227201.0080 <b>1.13 ug/m<sup>3</sup></b>	0  4 km	PROJECT



PROJECT TITLE:

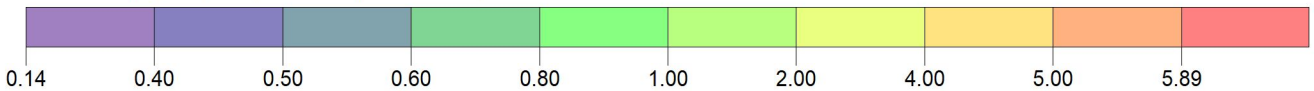
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: PIT

ug/m<sup>3</sup>

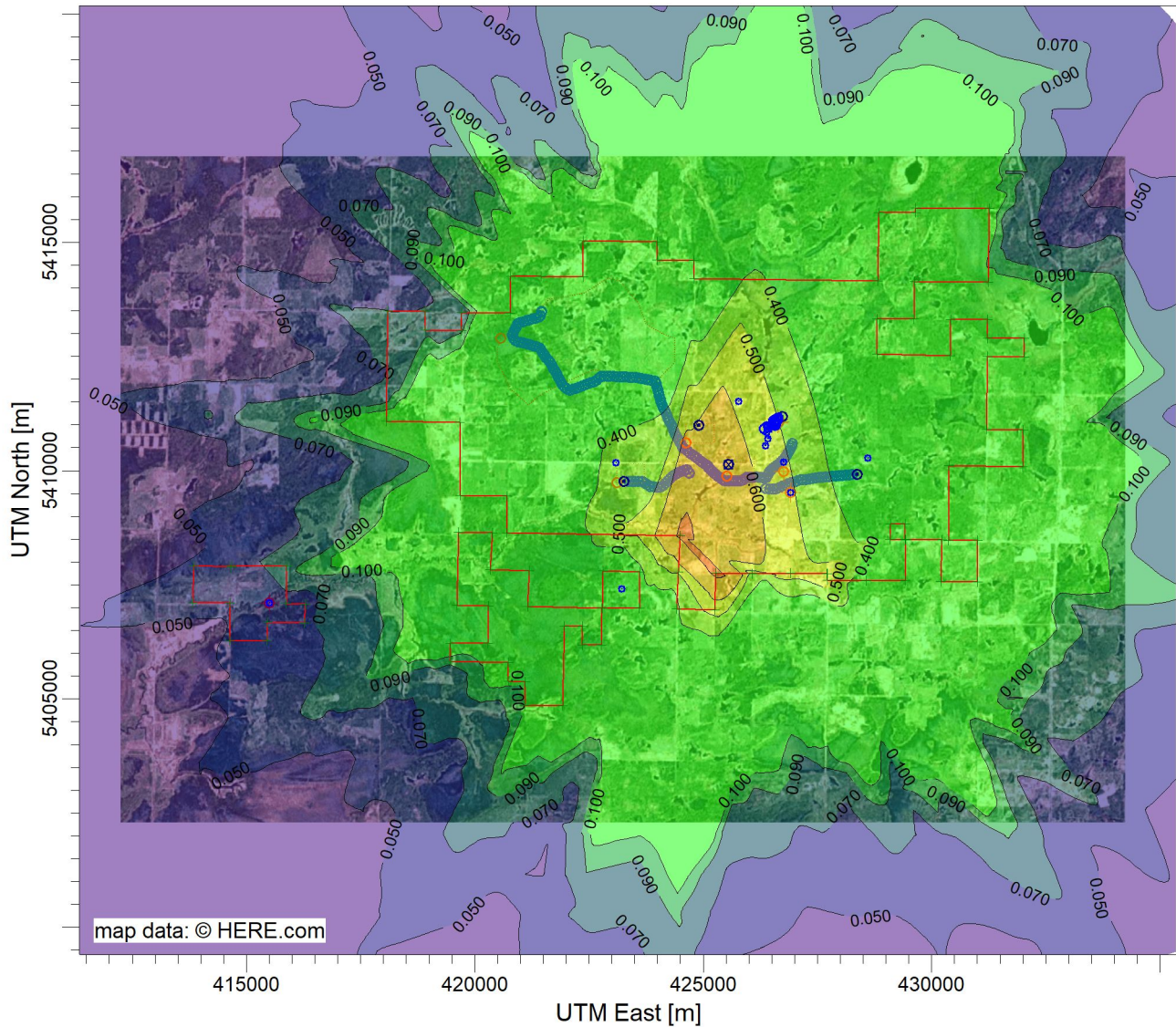
Max: 5.89 [ug/m<sup>3</sup>] at (423128.00, 5408593.00)



COMMENTS: Pit 24 hrs	SOURCES: <b>30</b>	COMPANY NAME: <b>Trinity Consultants</b>	
	RECEPTORS: <b>8294</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: 1:151,142	
	MAX: <b>5.89 ug/m<sup>3</sup></b>		

PROJECT TITLE:

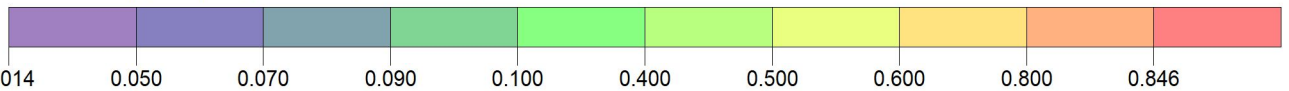
### New Gold Rainy River Mine ESDM Update



PLOT FILE OF HIGH 1ST HIGH MONTH VALUES FOR SOURCE GROUP: PIT

ug/m<sup>3</sup>

Max: 0.846 [ug/m<sup>3</sup>] at (425275.95, 5407751.60)



COMMENTS:

Pit 30 Day

SOURCES:

**30**

COMPANY NAME:

**Trinity Consultants**

RECEPTORS:

**8294**

MODELER:

OUTPUT TYPE:

**Concentration**

SCALE:

1:151,114

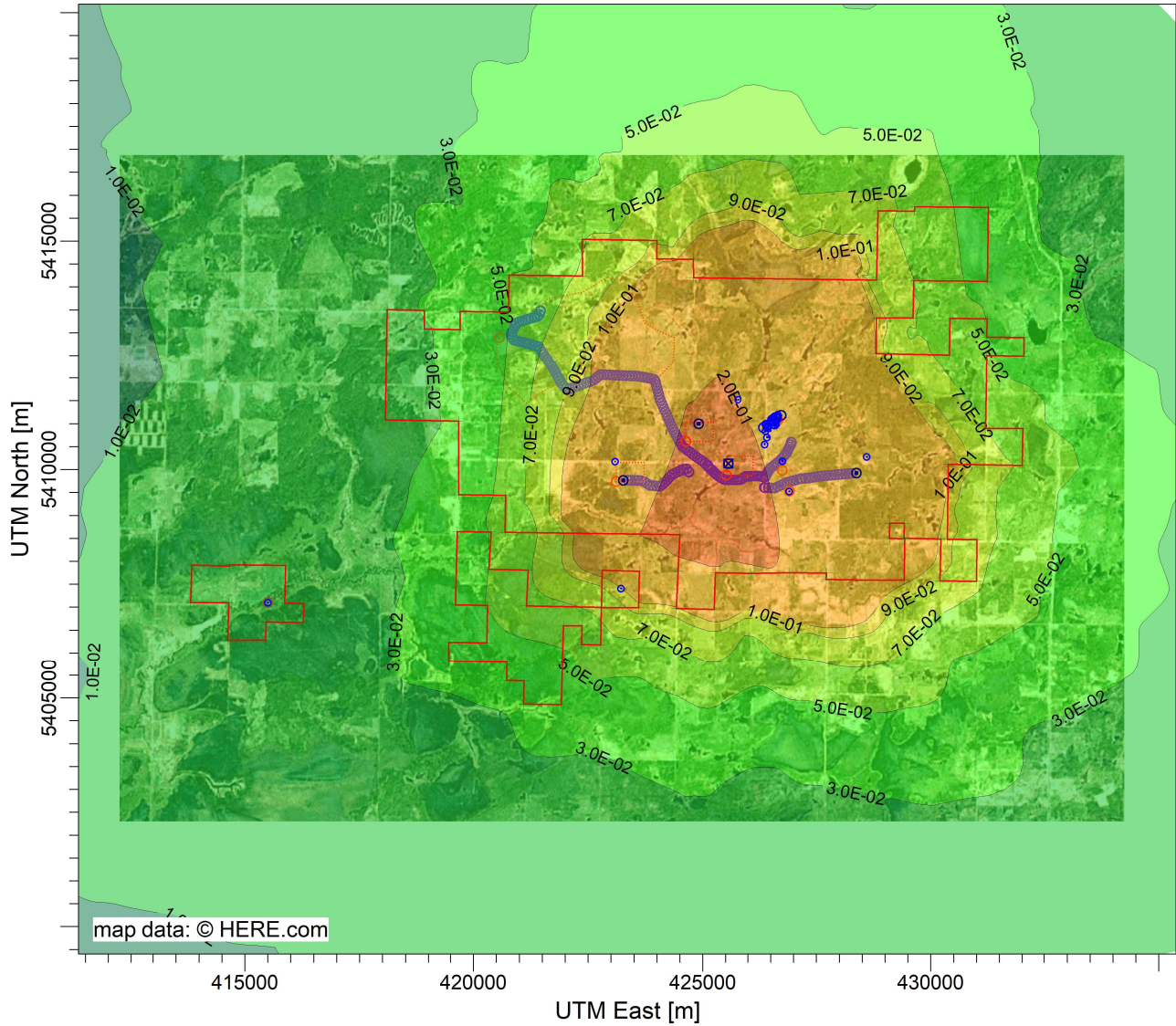
0 5 km

MAX:

**0.846 ug/m<sup>3</sup>**

PROJECT TITLE:

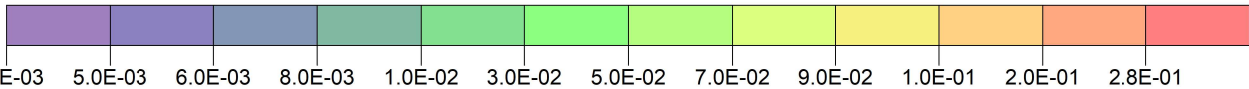
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: PIT

ug/m<sup>3</sup>

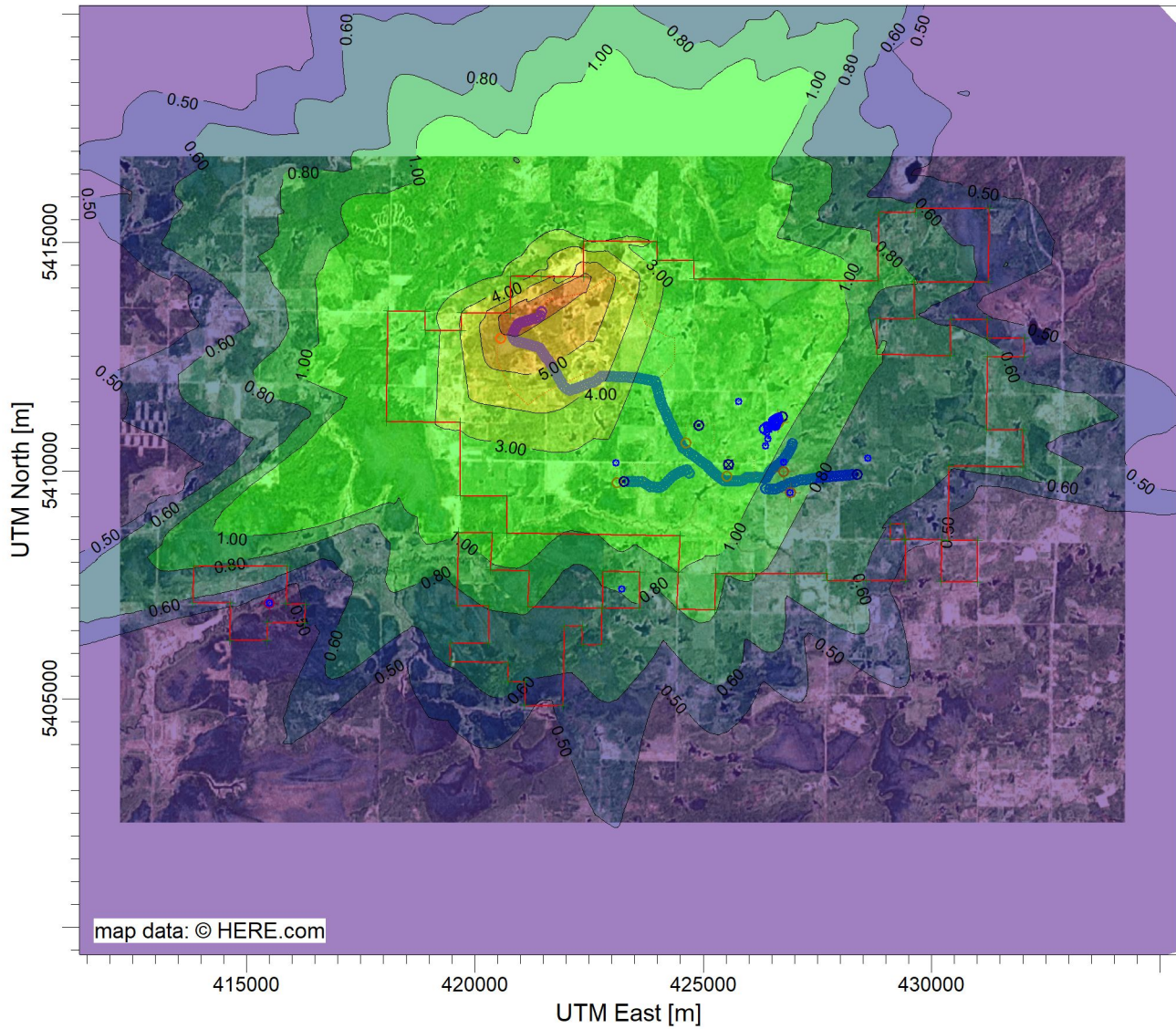
Max: 2.8E-01 [ug/m<sup>3</sup>] at (424498.55, 5408579.22)



COMMENTS: Pit Annual	SOURCES: <b>30</b>	COMPANY NAME: <b>Trinity Consultants</b>	
	RECEPTORS: <b>8294</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: 1:151,015	
	MAX: <b>2.8E-01 ug/m<sup>3</sup></b>		

PROJECT TITLE:

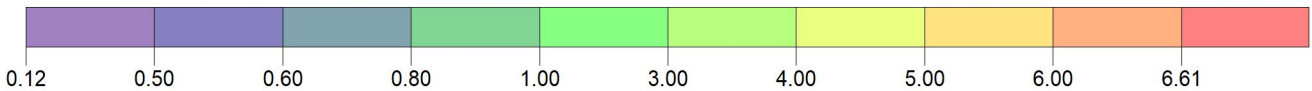
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: TMA

ug/m<sup>3</sup>

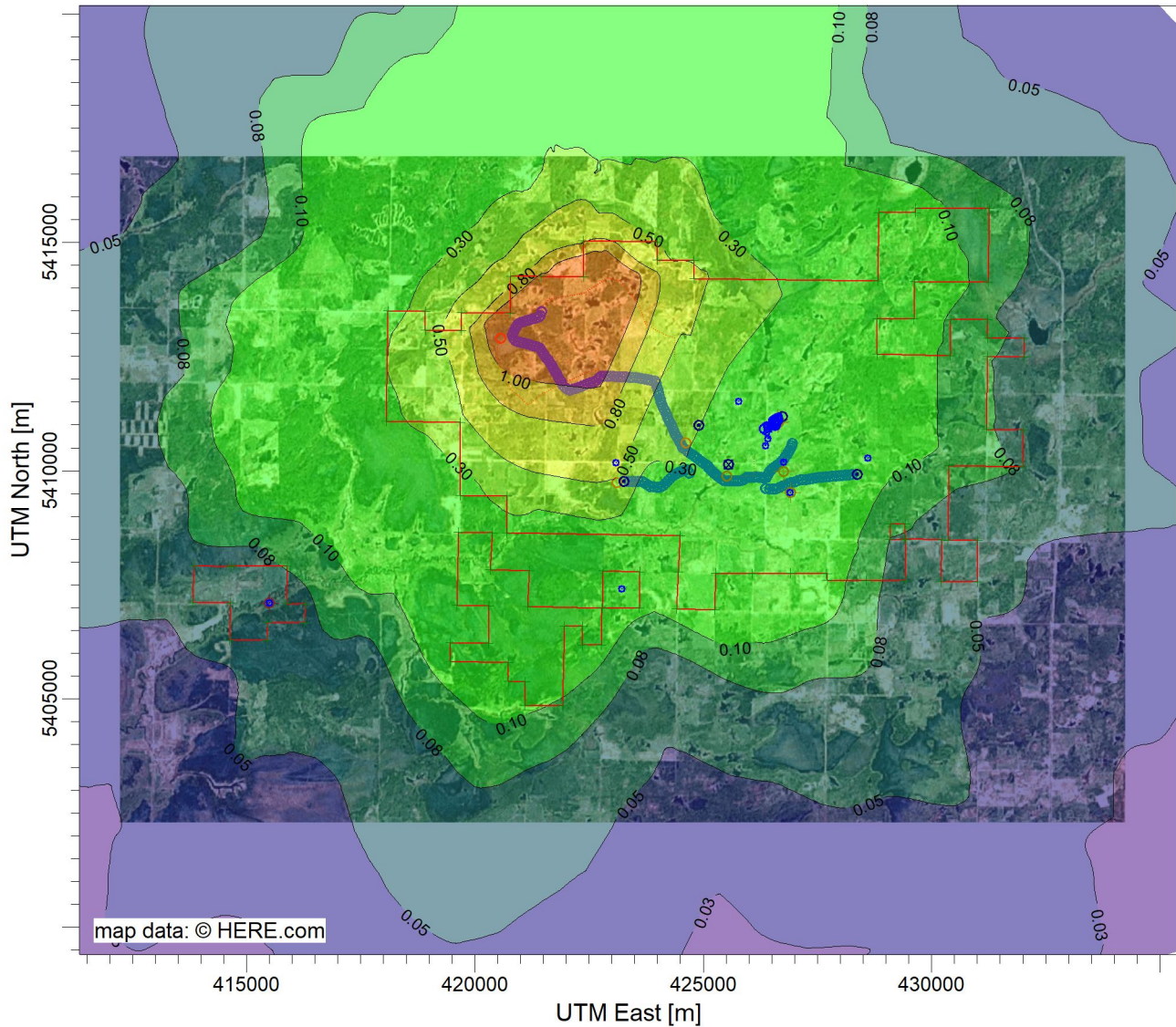
Max: 6.61 [ug/m<sup>3</sup>] at (420766.99, 5413450.09)



COMMENTS:  TMA 24 hrs	SOURCES:  <b>30</b>	COMPANY NAME:  <b>Trinity Consultants</b>	
	RECEPTORS:  <b>8294</b>	MODELER:	
	OUTPUT TYPE:  <b>Concentration</b>	SCALE:  1:151,142	
	MAX:  <b>6.61 ug/m<sup>3</sup></b>		

PROJECT TITLE:

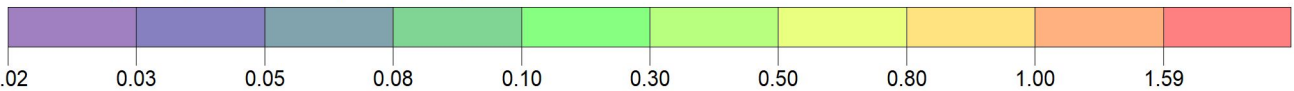
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH MONTH VALUES FOR SOURCE GROUP: TMA

ug/m<sup>3</sup>

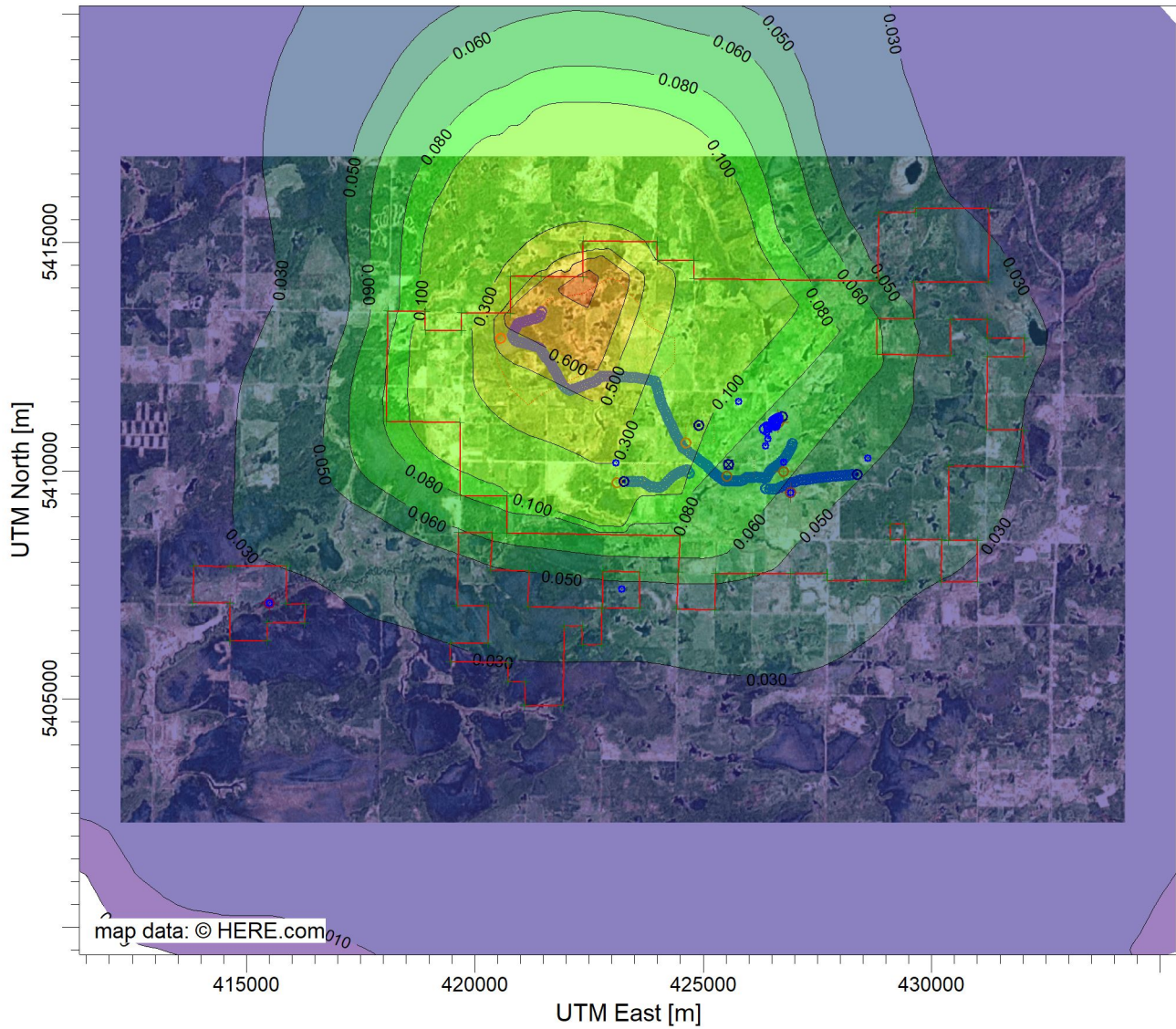
Max: 1.59 [ug/m<sup>3</sup>] at (422376.63, 5414238.38)



COMMENTS: TMA 30 day	SOURCES: <b>30</b>	COMPANY NAME: <b>Trinity Consultants</b>	
	RECEPTORS: <b>8294</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: 1:151,142	
	MAX: <b>1.59 ug/m<sup>3</sup></b>		

PROJECT TITLE:

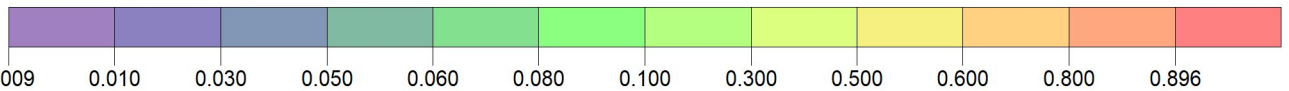
### New Gold Rainy River Mine ESDM Update



PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: TMA

ug/m<sup>3</sup>

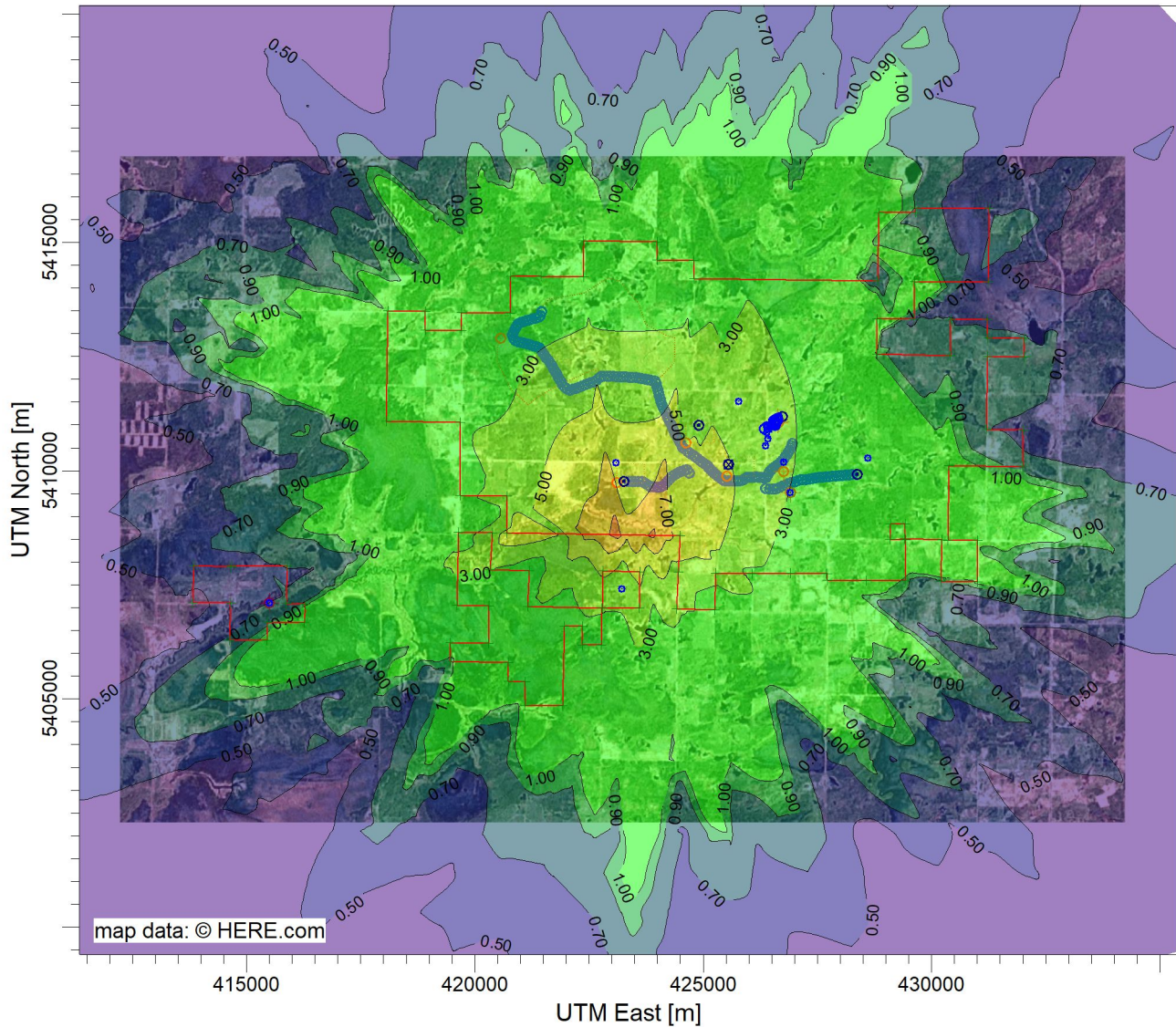
Max: 0.896 [ug/m<sup>3</sup>] at (422376.63, 5414238.38)



COMMENTS:  TMA Annual	SOURCES:  <b>30</b>	COMPANY NAME:  <b>Trinity Consultants</b>
	RECEPTORS:  <b>8294</b>	MODELER:
	OUTPUT TYPE:  <b>Concentration</b>	SCALE: <b>1:151,114</b>  0  5 km
	MAX:  <b>0.896 ug/m<sup>3</sup></b>	

PROJECT TITLE:

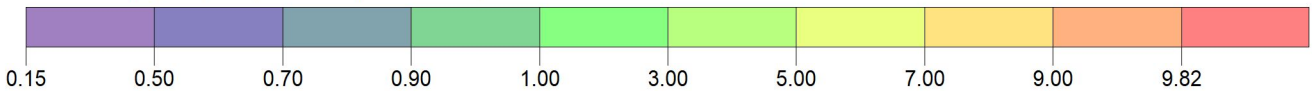
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: WMRS

ug/m<sup>3</sup>

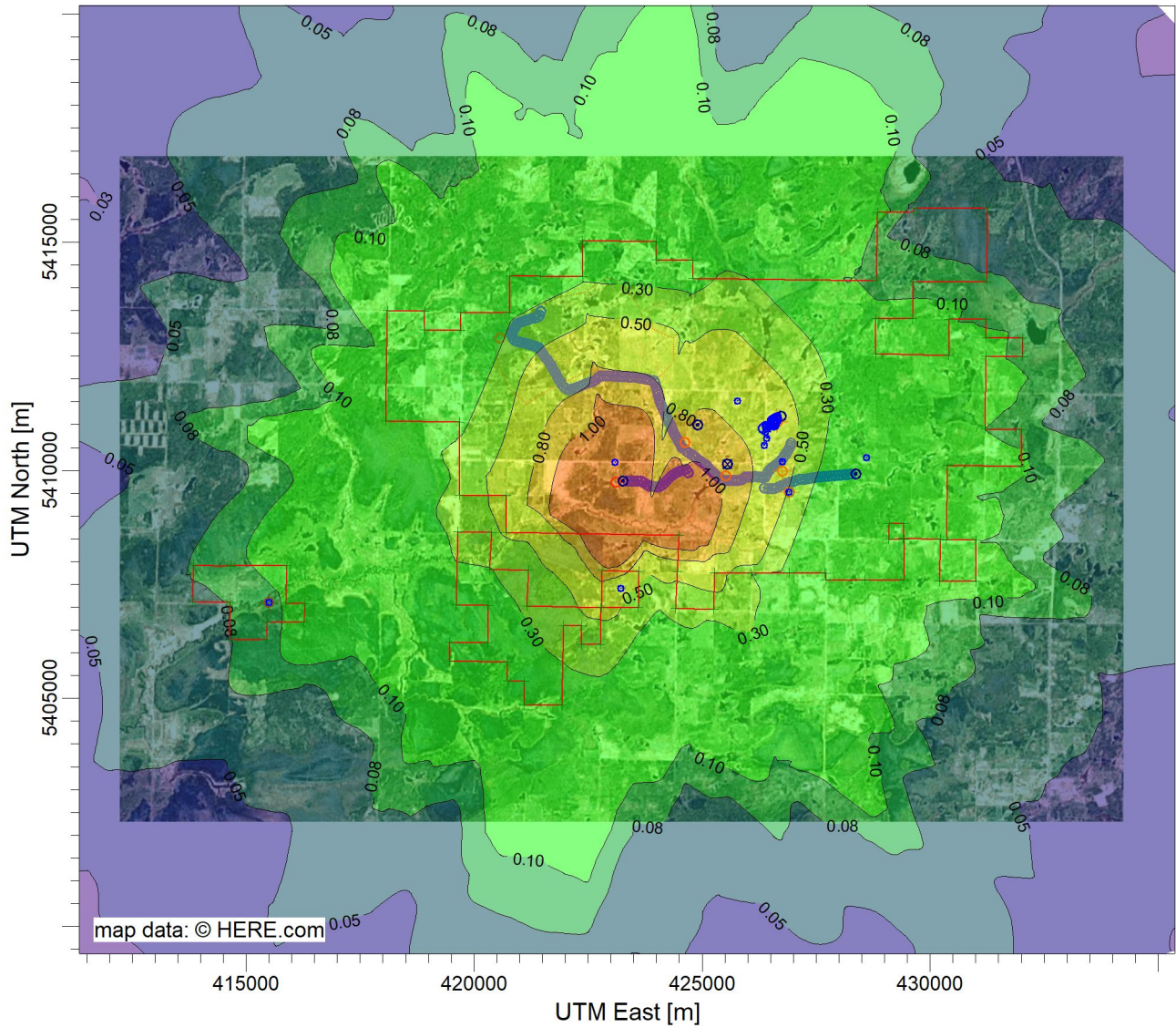
Max: 9.82 [ug/m<sup>3</sup>] at (423128.00, 5408593.00)



<p>COMMENTS:</p> <p>WMRS 24 hrs</p>	<p>SOURCES:</p> <p><b>30</b></p>	<p>COMPANY NAME:</p> <p><b>Trinity Consultants</b></p>		
	<p>RECEPTORS:</p> <p><b>8294</b></p>	<p>MODELER:</p>		
	<p>OUTPUT TYPE:</p> <p><b>Concentration</b></p>	<p>SCALE:</p> <p>1:151,142</p>		
	<p>MAX:</p> <p><b>9.82 ug/m<sup>3</sup></b></p>			

PROJECT TITLE:

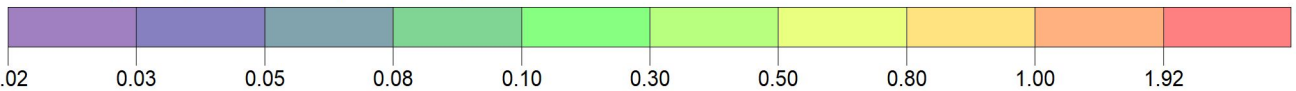
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH MONTH VALUES FOR SOURCE GROUP: WMRS

ug/m<sup>3</sup>

Max: 1.92 [ug/m<sup>3</sup>] at (423128.00, 5408593.00)

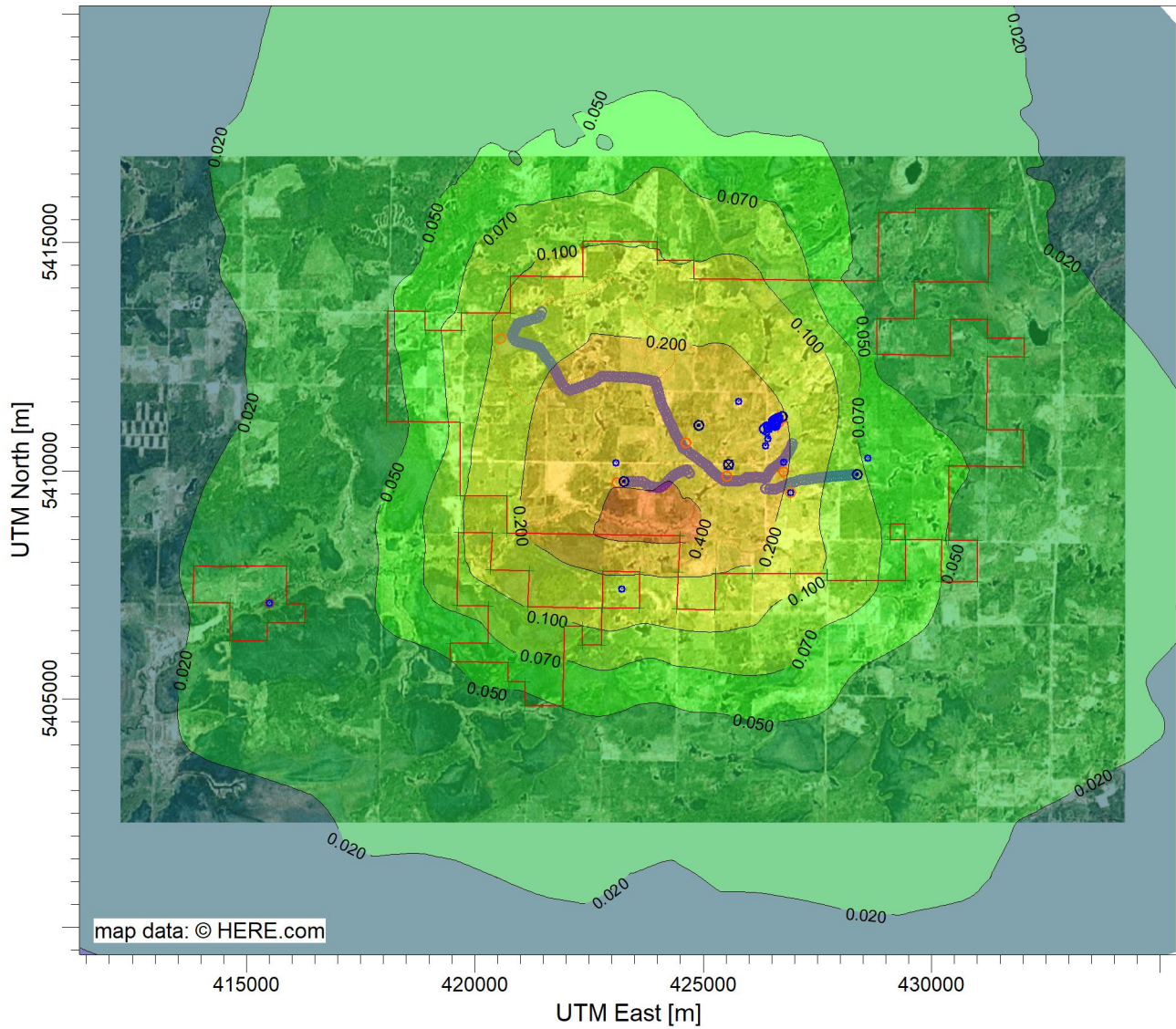


<p>COMMENTS:</p> <p>WMRS 30 day</p>	<p>SOURCES:</p> <p><b>30</b></p>	<p>COMPANY NAME:</p> <p><b>Trinity Consultants</b></p>	
	<p>RECEPTORS:</p> <p><b>8294</b></p>	<p>MODELER:</p>	
	<p>OUTPUT TYPE:</p> <p><b>Concentration</b></p>	<p>SCALE:</p> <p>1:151,142</p>	
	<p>MAX:</p> <p><b>1.92 ug/m<sup>3</sup></b></p>		



PROJECT TITLE:

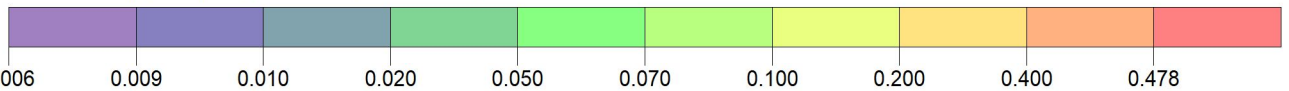
### New Gold Rainy River Mine ESDM Update



PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: WMRS

ug/m<sup>3</sup>

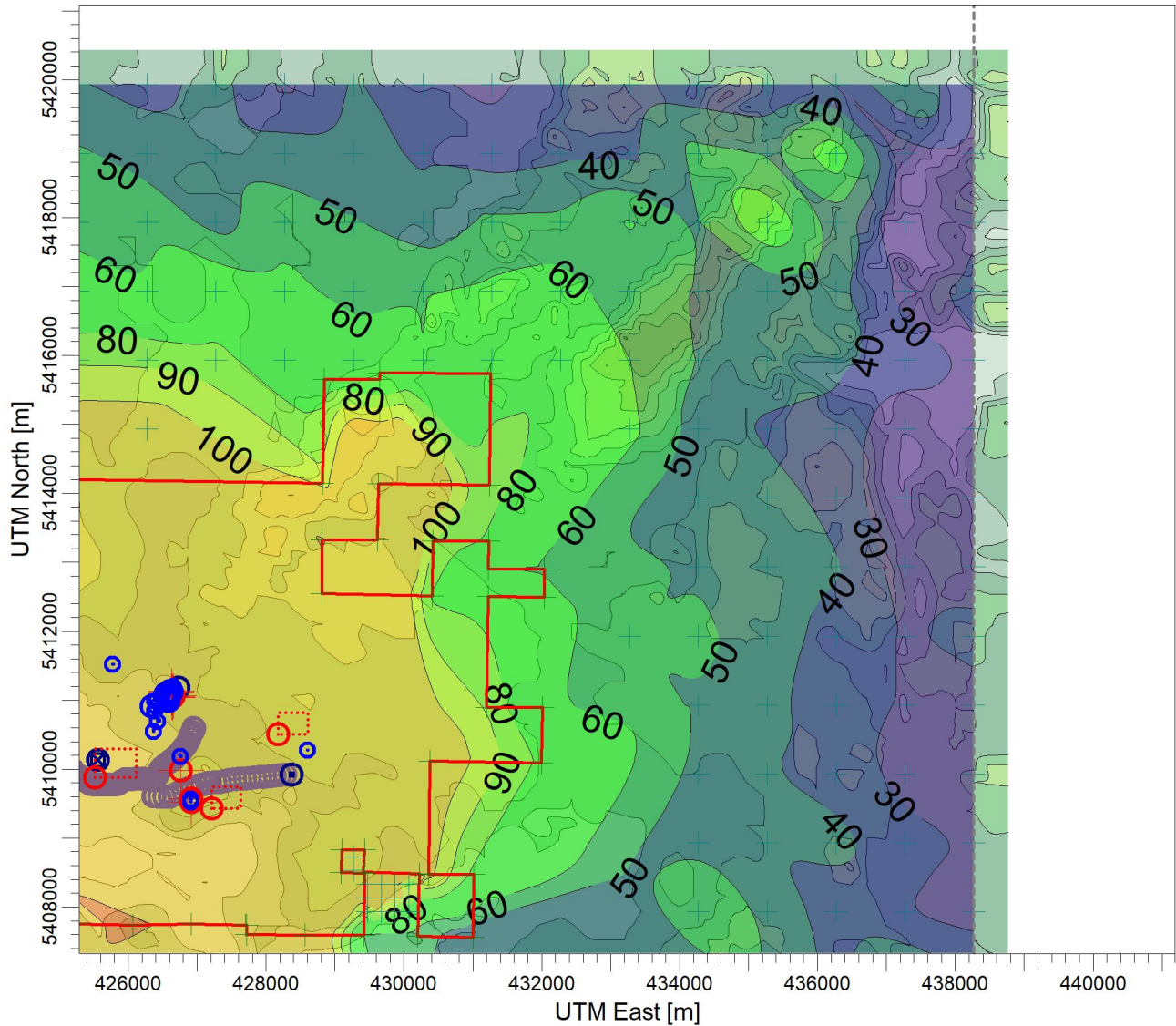
Max: 0.478 [ug/m<sup>3</sup>] at (424091.53, 5408569.00)



COMMENTS: WMRS Annual	SOURCES: <b>30</b>	COMPANY NAME: <b>Trinity Consultants</b>	
	RECEPTORS: <b>8294</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: 1:151,114	
	MAX: <b>0.478 ug/m<sup>3</sup></b>	0  5 km	

PROJECT TITLE:

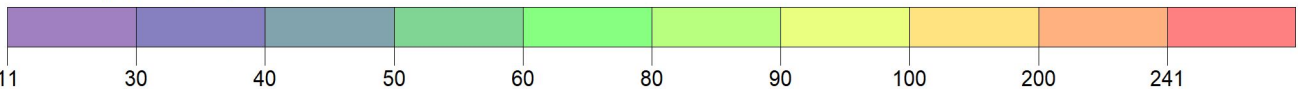
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

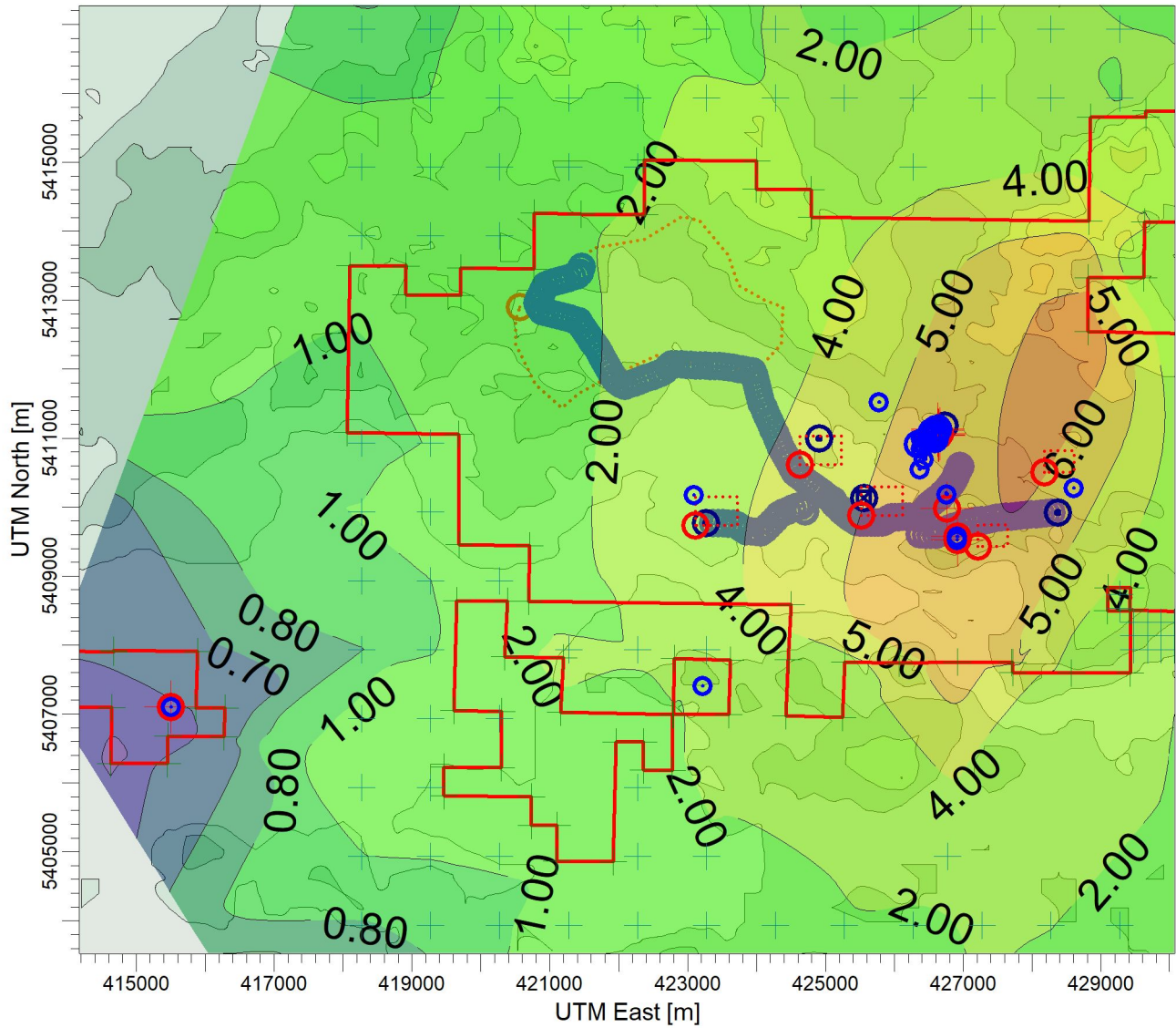
Max: 241 [ug/m<sup>3</sup>] at (426068.33, 5407739.80)



COMMENTS: NOx 1 hr	SOURCES: <b>34</b>	COMPANY NAME: <b>Trinity Consultants</b>	
	RECEPTORS: <b>1871</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: 1:100,000	
	MAXNO.: <b>241 ug/m<sup>3</sup></b>	227201.0080	PROJECT

PROJECT TITLE:

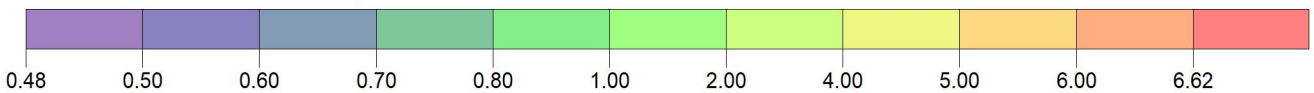
**New Gold Rainy River Mine  
ESDM Update**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

Max: 6.62 [ug/m<sup>3</sup>] at (428808.13, 5412548.18)



<p>COMMENTS:</p> <p>NOx 24hrs</p>	<p>SOURCES:</p> <p><b>34</b></p>	<p>COMPANY NAME:</p> <p><b>Trinity Consultants</b></p>	
	<p>RECEPTORS:</p> <p><b>1871</b></p>	<p>MODELER:</p>	
	<p>OUTPUT TYPE:</p> <p><b>Concentration</b></p>	<p>SCALE:</p> <p>1:100,000</p>	
	<p>MAX:NO.:</p> <p>227201.0080</p>	<p>PROJECT</p>	
<p><b>6.62 ug/m<sup>3</sup></b></p>			

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole   Averagin	Source Gr	Num Year	Net ID	Max	0.15949
429472	5408332	0.10822	380	380	0 ANNUAL	HCND1	5			
429472	5408132	0.10799	376	376	0 ANNUAL	HCND1	5			
429472	5407932	0.10573	370.75	370.75	0 ANNUAL	HCND1	5			
429672	5408332	0.1028	377	377	0 ANNUAL	HCND1	5			
429672	5408132	0.10163	373	373	0 ANNUAL	HCND1	5			
429672	5407932	0.09965	367.86	367.86	0 ANNUAL	HCND1	5			
429872	5408332	0.10303	373.02	373.02	0 ANNUAL	HCND1	5			
429872	5408132	0.09616	368.5	368.5	0 ANNUAL	HCND1	5			
429872	5407932	0.0917	361.71	361.71	0 ANNUAL	HCND1	5			
430072	5408332	0.10033	370.65	370.65	0 ANNUAL	HCND1	5			
430072	5408132	0.09405	366.53	366.53	0 ANNUAL	HCND1	5			
430072	5407932	0.08616	360.08	360.08	0 ANNUAL	HCND1	5			
429272	5408732	0.12039	387	387	0 ANNUAL	HCND1	5			
429272	5408532	0.11642	385	385	0 ANNUAL	HCND1	5			
426272	5414932	0.15949	387	387	0 ANNUAL	HCND1	5			
433272	5414932	0.03577	394	411	0 ANNUAL	HCND1	5			
433272	5411932	0.05406	385	385	0 ANNUAL	HCND1	5			
433272	5408432	0.05094	367	367	0 ANNUAL	HCND1	5			
433272	5404932	0.02895	388	388	0 ANNUAL	HCND1	5			
430272	5404932	0.04229	368	368	0 ANNUAL	HCND1	5			
426772	5404932	0.03899	369	369	0 ANNUAL	HCND1	5			
423272	5404932	0.03394	358	358	0 ANNUAL	HCND1	5			
423272	5407932	0.07208	355.19	355.19	0 ANNUAL	HCND1	5			
423272	5415932	0.06957	399	399	0 ANNUAL	HCND1	5			
423272	5416932	0.0561	403.27	403.27	0 ANNUAL	HCND1	5			
423272	5417932	0.05209	379	379	0 ANNUAL	HCND1	5			
423272	5418932	0.04525	379	379	0 ANNUAL	HCND1	5			
423272	5419932	0.03869	372	372	0 ANNUAL	HCND1	5			
424272	5415932	0.08902	387.8	387.8	0 ANNUAL	HCND1	5			
424272	5416932	0.07486	373	373	0 ANNUAL	HCND1	5			
424272	5417932	0.05923	380	380	0 ANNUAL	HCND1	5			
424272	5418932	0.04838	373.82	373.82	0 ANNUAL	HCND1	5			
424272	5419932	0.03986	379	379	0 ANNUAL	HCND1	5			
425272	5415932	0.10489	379.39	379.39	0 ANNUAL	HCND1	5			
425272	5416932	0.08001	375	375	0 ANNUAL	HCND1	5			
425272	5417932	0.06332	373	373	0 ANNUAL	HCND1	5			
425272	5418932	0.05093	380	380	0 ANNUAL	HCND1	5			
425272	5419932	0.0426	375	375	0 ANNUAL	HCND1	5			
426272	5415932	0.11593	379	379	0 ANNUAL	HCND1	5			
426272	5416932	0.08551	380	380	0 ANNUAL	HCND1	5			
426272	5417932	0.0669	376.3	376.3	0 ANNUAL	HCND1	5			
426272	5418932	0.05389	373	373	0 ANNUAL	HCND1	5			
426272	5419932	0.04436	369.47	369.47	0 ANNUAL	HCND1	5			
427272	5415932	0.11478	385	385	0 ANNUAL	HCND1	5			
427272	5416932	0.08692	381.6	381.6	0 ANNUAL	HCND1	5			
427272	5417932	0.06818	379	379	0 ANNUAL	HCND1	5			
427272	5418932	0.05498	374.11	374.11	0 ANNUAL	HCND1	5			
427272	5419932	0.04521	382.03	382.03	0 ANNUAL	HCND1	5			
428272	5415932	0.10338	376	376	0 ANNUAL	HCND1	5			
428272	5416932	0.07522	378.06	378.06	0 ANNUAL	HCND1	5			
428272	5417932	0.05877	380	380	0 ANNUAL	HCND1	5			
428272	5418932	0.04898	375	375	0 ANNUAL	HCND1	5			
428272	5419932	0.04122	362.92	362.92	0 ANNUAL	HCND1	5			

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
429272	5415932	0.09839	375.97	375.97	0 ANNUAL	HCND1		5	
429272	5416932	0.07518	373	373	0 ANNUAL	HCND1		5	
429272	5417932	0.05865	378.26	378.26	0 ANNUAL	HCND1		5	
429272	5418932	0.04699	377.04	377.04	0 ANNUAL	HCND1		5	
429272	5419932	0.03817	380	380	0 ANNUAL	HCND1		5	
430272	5415932	0.07519	378	400	0 ANNUAL	HCND1		5	
430272	5416932	0.06676	379.06	389	0 ANNUAL	HCND1		5	
430272	5417932	0.05646	370	370	0 ANNUAL	HCND1		5	
430272	5418932	0.04644	371	371	0 ANNUAL	HCND1		5	
430272	5419932	0.03854	369	369	0 ANNUAL	HCND1		5	
431272	5415932	0.0553	377	377	0 ANNUAL	HCND1		5	
431272	5416932	0.04834	401.29	401.29	0 ANNUAL	HCND1		5	
431272	5417932	0.04737	386.43	392	0 ANNUAL	HCND1		5	
431272	5418932	0.04286	367	367	0 ANNUAL	HCND1		5	
431272	5419932	0.03713	363	363	0 ANNUAL	HCND1		5	
432272	5415932	0.04238	383.19	383.19	0 ANNUAL	HCND1		5	
432272	5416932	0.04026	381.02	400	0 ANNUAL	HCND1		5	
432272	5417932	0.03843	379.99	379.99	0 ANNUAL	HCND1		5	
432272	5418932	0.03589	383.35	386	0 ANNUAL	HCND1		5	
432272	5419932	0.03347	375.1	412	0 ANNUAL	HCND1		5	
433272	5415932	0.02831	418.42	418.42	0 ANNUAL	HCND1		5	
433272	5416932	0.03243	378.66	433	0 ANNUAL	HCND1		5	
433272	5417932	0.0304	390.47	390.47	0 ANNUAL	HCND1		5	
433272	5418932	0.0299	378	378	0 ANNUAL	HCND1		5	
433272	5419932	0.02702	402	402	0 ANNUAL	HCND1		5	
434272	5415932	0.02894	389.22	421	0 ANNUAL	HCND1		5	
434272	5416932	0.0219	422	422	0 ANNUAL	HCND1		5	
434272	5417932	0.02556	382.42	423	0 ANNUAL	HCND1		5	
434272	5418932	0.02372	399.16	399.16	0 ANNUAL	HCND1		5	
434272	5419932	0.02405	376	412	0 ANNUAL	HCND1		5	
435272	5415932	0.02421	388.82	412	0 ANNUAL	HCND1		5	
435272	5416932	0.02346	382	382	0 ANNUAL	HCND1		5	
435272	5417932	0.02007	407.47	407.47	0 ANNUAL	HCND1		5	
435272	5418932	0.02053	393.3	393.3	0 ANNUAL	HCND1		5	
435272	5419932	0.02048	373.48	413	0 ANNUAL	HCND1		5	
436272	5415932	0.02064	389.81	401	0 ANNUAL	HCND1		5	
436272	5416932	0.02019	391.84	391.84	0 ANNUAL	HCND1		5	
436272	5417932	0.01835	400.01	400.01	0 ANNUAL	HCND1		5	
436272	5418932	0.01795	387.9	387.9	0 ANNUAL	HCND1		5	
436272	5419932	0.01753	377.51	388	0 ANNUAL	HCND1		5	
437272	5415932	0.01875	354	354	0 ANNUAL	HCND1		5	
437272	5416932	0.0183	369.34	369.34	0 ANNUAL	HCND1		5	
437272	5417932	0.01739	359.22	359.22	0 ANNUAL	HCND1		5	
437272	5418932	0.01621	376.38	376.38	0 ANNUAL	HCND1		5	
437272	5419932	0.01538	383.1	390	0 ANNUAL	HCND1		5	
438272	5415932	0.01675	354	354	0 ANNUAL	HCND1		5	
438272	5416932	0.01573	378.99	378.99	0 ANNUAL	HCND1		5	
438272	5417932	0.01541	377.48	381	0 ANNUAL	HCND1		5	
438272	5418932	0.01469	380.16	389	0 ANNUAL	HCND1		5	
438272	5419932	0.01405	372.4	394	0 ANNUAL	HCND1		5	
434272	5414932	0.03097	376.5	376.5	0 ANNUAL	HCND1		5	
434272	5413932	0.03416	379.78	379.78	0 ANNUAL	HCND1		5	
434272	5412932	0.04015	380	380	0 ANNUAL	HCND1		5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole   Averagin	Source Gr	Num Year	Net ID
434272	5411932	0.04369	389	389	0 ANNUAL	HCND1	5	
434272	5410932	0.04672	384.8	384.8	0 ANNUAL	HCND1	5	
434272	5409932	0.04376	380	380	0 ANNUAL	HCND1	5	
434272	5408932	0.04302	374	374	0 ANNUAL	HCND1	5	
434272	5407932	0.04014	378	378	0 ANNUAL	HCND1	5	
434272	5406932	0.03653	390	390	0 ANNUAL	HCND1	5	
434272	5405932	0.03061	389.07	389.07	0 ANNUAL	HCND1	5	
434272	5404932	0.02591	396	396	0 ANNUAL	HCND1	5	
434272	5403932	0.02412	372	372	0 ANNUAL	HCND1	5	
434272	5402932	0.02195	377.6	377.6	0 ANNUAL	HCND1	5	
434272	5401932	0.0203	367.57	367.57	0 ANNUAL	HCND1	5	
434272	5400932	0.01814	370.03	370.03	0 ANNUAL	HCND1	5	
434272	5399932	0.01591	361.08	361.08	0 ANNUAL	HCND1	5	
435272	5414932	0.02621	377.01	377.01	0 ANNUAL	HCND1	5	
435272	5413932	0.02877	391	391	0 ANNUAL	HCND1	5	
435272	5412932	0.03313	388	388	0 ANNUAL	HCND1	5	
435272	5411932	0.03658	388.36	388.36	0 ANNUAL	HCND1	5	
435272	5410932	0.0385	385	385	0 ANNUAL	HCND1	5	
435272	5409932	0.0359	383	383	0 ANNUAL	HCND1	5	
435272	5408932	0.03533	380	380	0 ANNUAL	HCND1	5	
435272	5407932	0.03292	386.15	386.15	0 ANNUAL	HCND1	5	
435272	5406932	0.03205	391.39	391.39	0 ANNUAL	HCND1	5	
435272	5405932	0.02771	395	395	0 ANNUAL	HCND1	5	
435272	5404932	0.02405	389.45	389.45	0 ANNUAL	HCND1	5	
435272	5403932	0.02137	378.59	378.59	0 ANNUAL	HCND1	5	
435272	5402932	0.01968	371	371	0 ANNUAL	HCND1	5	
435272	5401932	0.01834	367	367	0 ANNUAL	HCND1	5	
435272	5400932	0.01693	361	361	0 ANNUAL	HCND1	5	
435272	5399932	0.01537	361	361	0 ANNUAL	HCND1	5	
436272	5414932	0.02189	395.5	395.5	0 ANNUAL	HCND1	5	
436272	5413932	0.02489	403	403	0 ANNUAL	HCND1	5	
436272	5412932	0.02785	391	391	0 ANNUAL	HCND1	5	
436272	5411932	0.03154	378	378	0 ANNUAL	HCND1	5	
436272	5410932	0.03248	383	383	0 ANNUAL	HCND1	5	
436272	5409932	0.02995	388.85	401	0 ANNUAL	HCND1	5	
436272	5408932	0.02894	393.51	393.51	0 ANNUAL	HCND1	5	
436272	5407932	0.0286	381.28	381.28	0 ANNUAL	HCND1	5	
436272	5406932	0.02739	383	383	0 ANNUAL	HCND1	5	
436272	5405932	0.02569	387.2	387.2	0 ANNUAL	HCND1	5	
436272	5404932	0.02229	387.75	387.75	0 ANNUAL	HCND1	5	
436272	5403932	0.02003	374.42	374.42	0 ANNUAL	HCND1	5	
436272	5402932	0.01768	376	376	0 ANNUAL	HCND1	5	
436272	5401932	0.01642	368	368	0 ANNUAL	HCND1	5	
436272	5400932	0.0155	370	370	0 ANNUAL	HCND1	5	
436272	5399932	0.01441	357.67	357.67	0 ANNUAL	HCND1	5	
437272	5414932	0.02065	361.94	361.94	0 ANNUAL	HCND1	5	
437272	5413932	0.02319	360	403	0 ANNUAL	HCND1	5	
437272	5412932	0.02494	369.93	402	0 ANNUAL	HCND1	5	
437272	5411932	0.02735	369.31	369.31	0 ANNUAL	HCND1	5	
437272	5410932	0.028	370.89	370.89	0 ANNUAL	HCND1	5	
437272	5409932	0.02645	370.33	370.33	0 ANNUAL	HCND1	5	
437272	5408932	0.0256	374.64	374.64	0 ANNUAL	HCND1	5	
437272	5407932	0.02504	377	377	0 ANNUAL	HCND1	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole   Averagin	Source Gr	Num Year	Net ID
437272	5406932	0.02351	381	381	0 ANNUAL	HCND1	5	
437272	5405932	0.02312	386	386	0 ANNUAL	HCND1	5	
437272	5404932	0.02076	385.46	385.46	0 ANNUAL	HCND1	5	
437272	5403932	0.01851	378	378	0 ANNUAL	HCND1	5	
437272	5402932	0.01656	377	377	0 ANNUAL	HCND1	5	
437272	5401932	0.0151	369	369	0 ANNUAL	HCND1	5	
437272	5400932	0.01398	367.59	367.59	0 ANNUAL	HCND1	5	
437272	5399932	0.01324	363	363	0 ANNUAL	HCND1	5	
438272	5414932	0.01867	365.14	390	0 ANNUAL	HCND1	5	
438272	5413932	0.02059	362.96	390	0 ANNUAL	HCND1	5	
438272	5412932	0.02181	368	368	0 ANNUAL	HCND1	5	
438272	5411932	0.02348	390	390	0 ANNUAL	HCND1	5	
438272	5410932	0.02416	380	380	0 ANNUAL	HCND1	5	
438272	5409932	0.02242	384.32	395	0 ANNUAL	HCND1	5	
438272	5408932	0.02208	377	377	0 ANNUAL	HCND1	5	
438272	5407932	0.02193	377.75	377.75	0 ANNUAL	HCND1	5	
438272	5406932	0.02075	379	379	0 ANNUAL	HCND1	5	
438272	5405932	0.02029	380.9	380.9	0 ANNUAL	HCND1	5	
438272	5404932	0.01929	377.65	377.65	0 ANNUAL	HCND1	5	
438272	5403932	0.01747	373	373	0 ANNUAL	HCND1	5	
438272	5402932	0.01577	371	371	0 ANNUAL	HCND1	5	
438272	5401932	0.0142	368	368	0 ANNUAL	HCND1	5	
438272	5400932	0.01292	367	367	0 ANNUAL	HCND1	5	
438272	5399932	0.01207	365.37	365.37	0 ANNUAL	HCND1	5	
433272	5403932	0.02721	380	380	0 ANNUAL	HCND1	5	
433272	5402932	0.02468	364.52	364.52	0 ANNUAL	HCND1	5	
433272	5401932	0.02157	372.72	372.72	0 ANNUAL	HCND1	5	
433272	5400932	0.01865	362	362	0 ANNUAL	HCND1	5	
433272	5399932	0.01636	361	361	0 ANNUAL	HCND1	5	
432272	5403932	0.03063	381	381	0 ANNUAL	HCND1	5	
432272	5402932	0.02615	363.86	363.86	0 ANNUAL	HCND1	5	
432272	5401932	0.02191	380	380	0 ANNUAL	HCND1	5	
432272	5400932	0.01917	368.3	368.3	0 ANNUAL	HCND1	5	
432272	5399932	0.01645	366.49	366.49	0 ANNUAL	HCND1	5	
431272	5403932	0.03274	368	368	0 ANNUAL	HCND1	5	
431272	5402932	0.02681	360	360	0 ANNUAL	HCND1	5	
431272	5401932	0.02221	357.8	357.8	0 ANNUAL	HCND1	5	
431272	5400932	0.01881	366	366	0 ANNUAL	HCND1	5	
431272	5399932	0.01588	353	353	0 ANNUAL	HCND1	5	
430272	5403932	0.03321	370	370	0 ANNUAL	HCND1	5	
430272	5402932	0.02654	369	369	0 ANNUAL	HCND1	5	
430272	5401932	0.02162	357.1	357.1	0 ANNUAL	HCND1	5	
430272	5400932	0.01837	361.15	361.15	0 ANNUAL	HCND1	5	
430272	5399932	0.01576	357	357	0 ANNUAL	HCND1	5	
429272	5403932	0.03216	370	370	0 ANNUAL	HCND1	5	
429272	5402932	0.02601	367	367	0 ANNUAL	HCND1	5	
429272	5401932	0.02161	363	363	0 ANNUAL	HCND1	5	
429272	5400932	0.01829	358	358	0 ANNUAL	HCND1	5	
429272	5399932	0.01586	360.27	360.27	0 ANNUAL	HCND1	5	
428272	5403932	0.03202	369	369	0 ANNUAL	HCND1	5	
428272	5402932	0.0259	371.15	371.15	0 ANNUAL	HCND1	5	
428272	5401932	0.02131	368	368	0 ANNUAL	HCND1	5	
428272	5400932	0.01795	368.87	368.87	0 ANNUAL	HCND1	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
428272	5399932	0.01527	363	363	0	ANNUAL	HCND1	5	
427272	5403932	0.02995	365	365	0	ANNUAL	HCND1	5	
427272	5402932	0.02457	372	372	0	ANNUAL	HCND1	5	
427272	5401932	0.01959	378	378	0	ANNUAL	HCND1	5	
427272	5400932	0.01747	370	370	0	ANNUAL	HCND1	5	
427272	5399932	0.01495	359	359	0	ANNUAL	HCND1	5	
426272	5403932	0.03206	369	369	0	ANNUAL	HCND1	5	
426272	5402932	0.02406	391.8	391.8	0	ANNUAL	HCND1	5	
426272	5401932	0.02127	375	375	0	ANNUAL	HCND1	5	
426272	5400932	0.01842	371	371	0	ANNUAL	HCND1	5	
426272	5399932	0.01583	367	367	0	ANNUAL	HCND1	5	
425272	5403932	0.03258	369	369	0	ANNUAL	HCND1	5	
425272	5402932	0.02692	371.54	371.54	0	ANNUAL	HCND1	5	
425272	5401932	0.02213	379	379	0	ANNUAL	HCND1	5	
425272	5400932	0.01913	374	374	0	ANNUAL	HCND1	5	
425272	5399932	0.01662	373	373	0	ANNUAL	HCND1	5	
424272	5403932	0.03008	361	361	0	ANNUAL	HCND1	5	
424272	5402932	0.02506	373.05	373.05	0	ANNUAL	HCND1	5	
424272	5401932	0.02076	378.56	378.56	0	ANNUAL	HCND1	5	
424272	5400932	0.01801	378	378	0	ANNUAL	HCND1	5	
424272	5399932	0.01623	372	372	0	ANNUAL	HCND1	5	
423272	5403932	0.02731	359	359	0	ANNUAL	HCND1	5	
423272	5402932	0.02279	378	378	0	ANNUAL	HCND1	5	
423272	5401932	0.01999	375	375	0	ANNUAL	HCND1	5	
423272	5400932	0.01706	379	379	0	ANNUAL	HCND1	5	
423272	5399932	0.01531	373	373	0	ANNUAL	HCND1	5	
422272	5403932	0.02665	357	357	0	ANNUAL	HCND1	5	
422272	5402932	0.02213	372	372	0	ANNUAL	HCND1	5	
422272	5401932	0.01857	373	373	0	ANNUAL	HCND1	5	
422272	5400932	0.01647	369	369	0	ANNUAL	HCND1	5	
422272	5399932	0.0147	366.91	366.91	0	ANNUAL	HCND1	5	
421272	5403932	0.02572	360	360	0	ANNUAL	HCND1	5	
421272	5402932	0.02176	360	360	0	ANNUAL	HCND1	5	
421272	5401932	0.01834	365	365	0	ANNUAL	HCND1	5	
421272	5400932	0.01564	366	366	0	ANNUAL	HCND1	5	
421272	5399932	0.0136	360	360	0	ANNUAL	HCND1	5	
420272	5403932	0.02227	358.25	358.25	0	ANNUAL	HCND1	5	
420272	5402932	0.0203	355	355	0	ANNUAL	HCND1	5	
420272	5401932	0.01803	360	360	0	ANNUAL	HCND1	5	
420272	5400932	0.01555	362	362	0	ANNUAL	HCND1	5	
420272	5399932	0.01341	358	358	0	ANNUAL	HCND1	5	
419272	5403932	0.02007	357.88	357.88	0	ANNUAL	HCND1	5	
419272	5402932	0.01784	357	357	0	ANNUAL	HCND1	5	
419272	5401932	0.01661	356	356	0	ANNUAL	HCND1	5	
419272	5400932	0.01517	360	360	0	ANNUAL	HCND1	5	
419272	5399932	0.01339	361	361	0	ANNUAL	HCND1	5	
418272	5403932	0.01869	349.47	349.47	0	ANNUAL	HCND1	5	
418272	5402932	0.01643	360	360	0	ANNUAL	HCND1	5	
418272	5401932	0.01465	353	353	0	ANNUAL	HCND1	5	
418272	5400932	0.01389	358	358	0	ANNUAL	HCND1	5	
418272	5399932	0.01296	362	362	0	ANNUAL	HCND1	5	
422272	5404932	0.03312	358.2	358.2	0	ANNUAL	HCND1	5	
422272	5405932	0.03911	359	359	0	ANNUAL	HCND1	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole   Averagin	Source Gr	Num Year	Net ID
422272	5407932	0.0631	357	357	0 ANNUAL	HCND1	5	
422272	5414932	0.06057	383.84	383.84	0 ANNUAL	HCND1	5	
422272	5415932	0.05313	389	389	0 ANNUAL	HCND1	5	
422272	5416932	0.04771	399	399	0 ANNUAL	HCND1	5	
422272	5417932	0.04516	381.74	381.74	0 ANNUAL	HCND1	5	
422272	5418932	0.03883	376.48	376.48	0 ANNUAL	HCND1	5	
422272	5419932	0.03429	364.17	364.17	0 ANNUAL	HCND1	5	
421272	5407932	0.05224	350	350	0 ANNUAL	HCND1	5	
421272	5414932	0.04837	378	378	0 ANNUAL	HCND1	5	
421272	5415932	0.04213	392.15	392.15	0 ANNUAL	HCND1	5	
421272	5416932	0.03788	396	396	0 ANNUAL	HCND1	5	
421272	5417932	0.03631	388.43	388.43	0 ANNUAL	HCND1	5	
421272	5418932	0.03447	382	382	0 ANNUAL	HCND1	5	
421272	5419932	0.03083	369	369	0 ANNUAL	HCND1	5	
420272	5404932	0.02506	350.89	350.89	0 ANNUAL	HCND1	5	
420272	5406932	0.03721	347	347	0 ANNUAL	HCND1	5	
420272	5408932	0.04	348.58	348.58	0 ANNUAL	HCND1	5	
420272	5413932	0.03518	380	380	0 ANNUAL	HCND1	5	
420272	5414932	0.03582	379	379	0 ANNUAL	HCND1	5	
420272	5415932	0.0366	381	381	0 ANNUAL	HCND1	5	
420272	5416932	0.03207	387.24	387.24	0 ANNUAL	HCND1	5	
420272	5417932	0.02969	386.6	386.6	0 ANNUAL	HCND1	5	
420272	5418932	0.02867	375	375	0 ANNUAL	HCND1	5	
420272	5419932	0.0271	368	368	0 ANNUAL	HCND1	5	
419272	5404932	0.02323	347	347	0 ANNUAL	HCND1	5	
419272	5405932	0.02815	351	351	0 ANNUAL	HCND1	5	
419272	5406932	0.03195	347	347	0 ANNUAL	HCND1	5	
419272	5407932	0.03185	342	342	0 ANNUAL	HCND1	5	
419272	5408932	0.03193	347	347	0 ANNUAL	HCND1	5	
419272	5409932	0.03253	351	351	0 ANNUAL	HCND1	5	
419272	5410932	0.03073	354	354	0 ANNUAL	HCND1	5	
419272	5413932	0.02787	370	370	0 ANNUAL	HCND1	5	
419272	5414932	0.02862	382	382	0 ANNUAL	HCND1	5	
419272	5415932	0.02822	385.17	385.17	0 ANNUAL	HCND1	5	
419272	5416932	0.02894	372	372	0 ANNUAL	HCND1	5	
419272	5417932	0.02606	367.49	367.49	0 ANNUAL	HCND1	5	
419272	5418932	0.02421	365	365	0 ANNUAL	HCND1	5	
419272	5419932	0.02309	370	370	0 ANNUAL	HCND1	5	
418272	5404932	0.02192	352	352	0 ANNUAL	HCND1	5	
418272	5405932	0.0252	343.78	343.78	0 ANNUAL	HCND1	5	
418272	5406932	0.02632	342	342	0 ANNUAL	HCND1	5	
418272	5407932	0.02583	341	341	0 ANNUAL	HCND1	5	
418272	5408932	0.0263	344	344	0 ANNUAL	HCND1	5	
418272	5409932	0.02607	345	345	0 ANNUAL	HCND1	5	
418272	5410932	0.0249	348	348	0 ANNUAL	HCND1	5	
418272	5413932	0.02251	369.17	369.17	0 ANNUAL	HCND1	5	
418272	5414932	0.02326	376.9	376.9	0 ANNUAL	HCND1	5	
418272	5415932	0.0232	378	378	0 ANNUAL	HCND1	5	
418272	5416932	0.02396	364	364	0 ANNUAL	HCND1	5	
418272	5417932	0.02301	361	361	0 ANNUAL	HCND1	5	
418272	5418932	0.02092	359.7	359.7	0 ANNUAL	HCND1	5	
418272	5419932	0.01988	371.14	371.14	0 ANNUAL	HCND1	5	
415463	5406675	0.01659	342	342	0 ANNUAL	HCND1	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
415451	5406279	0.01676	345	345	0	ANNUAL	HCND1	5	
414628	5406278	0.01485	341	341	0	ANNUAL	HCND1	5	
414648	5407097	0.01457	340	340	0	ANNUAL	HCND1	5	
413820	5407101	0.0132	344.14	344.14	0	ANNUAL	HCND1	5	
413844	5407916	0.01368	343	343	0	ANNUAL	HCND1	5	
414669	5407897	0.01498	343	343	0	ANNUAL	HCND1	5	
414668	5407921	0.015	343	343	0	ANNUAL	HCND1	5	
415890	5407908	0.01738	341	341	0	ANNUAL	HCND1	5	
415869	5407086	0.01742	341	341	0	ANNUAL	HCND1	5	
416287	5407081	0.01864	342	342	0	ANNUAL	HCND1	5	
416272	5406666	0.01882	344	344	0	ANNUAL	HCND1	5	
421918	5404856	0.03135	353.05	353.05	0	ANNUAL	HCND1	5	
421094	5404865	0.02735	350	350	0	ANNUAL	HCND1	5	
421106	5405379	0.02915	350	350	0	ANNUAL	HCND1	5	
420730	5405382	0.02843	355	355	0	ANNUAL	HCND1	5	
420730	5405796	0.03088	353	353	0	ANNUAL	HCND1	5	
419463	5405818	0.02799	353	353	0	ANNUAL	HCND1	5	
419463	5406226	0.03019	350	350	0	ANNUAL	HCND1	5	
420291	5406220	0.03215	350	350	0	ANNUAL	HCND1	5	
420304	5407038	0.03814	347.43	347.43	0	ANNUAL	HCND1	5	
419611	5407048	0.03419	347	347	0	ANNUAL	HCND1	5	
419649	5408646	0.03453	347	347	0	ANNUAL	HCND1	5	
420388	5408637	0.04165	346.92	346.92	0	ANNUAL	HCND1	5	
420340	5407829	0.04108	344	344	0	ANNUAL	HCND1	5	
421196	5407811	0.05078	350.16	350.16	0	ANNUAL	HCND1	5	
421156	5407025	0.04218	352	352	0	ANNUAL	HCND1	5	
422795	5406994	0.05166	359	359	0	ANNUAL	HCND1	5	
422806	5407802	0.06582	359	359	0	ANNUAL	HCND1	5	
423617	5407779	0.07275	358.09	358.09	0	ANNUAL	HCND1	5	
423599	5406990	0.0628	365.72	365.72	0	ANNUAL	HCND1	5	
422786	5406989	0.0515	359	359	0	ANNUAL	HCND1	5	
422771	5406177	0.04498	358	358	0	ANNUAL	HCND1	5	
422357	5406187	0.04154	359	359	0	ANNUAL	HCND1	5	
422363	5406591	0.04361	357	357	0	ANNUAL	HCND1	5	
421964	5406591	0.04158	356	356	0	ANNUAL	HCND1	5	
420767	5413450	0.03961	375	375	0	ANNUAL	HCND1	5	
420780	5414261	0.04139	377	377	0	ANNUAL	HCND1	5	
421449	5414252	0.04921	379.78	379.78	0	ANNUAL	HCND1	5	
422377	5414238	0.0684	379	379	0	ANNUAL	HCND1	5	
422370	5415036	0.06013	387.39	387.39	0	ANNUAL	HCND1	5	
424000	5415015	0.09862	397.45	397.45	0	ANNUAL	HCND1	5	
423997	5414610	0.0981	400.01	400.01	0	ANNUAL	HCND1	5	
424792	5414601	0.13736	388	388	0	ANNUAL	HCND1	5	
424798	5414204	0.1506	389	389	0	ANNUAL	HCND1	5	
428817	5414150	0.13253	404	404	0	ANNUAL	HCND1	5	
428848	5415656	0.11062	376	421	0	ANNUAL	HCND1	5	
429649	5415650	0.0881	394.89	394.89	0	ANNUAL	HCND1	5	
429650	5415747	0.08967	388.58	388.58	0	ANNUAL	HCND1	5	
431259	5415735	0.0564	378.13	378.13	0	ANNUAL	HCND1	5	
431239	5414122	0.06528	376.02	376.02	0	ANNUAL	HCND1	5	
429628	5414138	0.10523	385.78	385.78	0	ANNUAL	HCND1	5	
429614	5413326	0.1044	389.97	389.97	0	ANNUAL	HCND1	5	
428809	5413327	0.15142	390	390	0	ANNUAL	HCND1	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole   Averagin	Source Gr	Num Year	Net ID
428808	5412548	0.15644	393.59	393.59	0 ANNUAL	HCND1	5	
430407	5412512	0.09527	389	389	0 ANNUAL	HCND1	5	
430422	5413312	0.08829	379.63	379.63	0 ANNUAL	HCND1	5	
431230	5413308	0.07043	376	376	0 ANNUAL	HCND1	5	
431224	5412901	0.07466	379	379	0 ANNUAL	HCND1	5	
432035	5412899	0.06288	375.4	375.4	0 ANNUAL	HCND1	5	
432035	5412495	0.07005	374	374	0 ANNUAL	HCND1	5	
431223	5412502	0.08279	381	381	0 ANNUAL	HCND1	5	
431202	5410899	0.10496	382	382	0 ANNUAL	HCND1	5	
432010	5410893	0.08247	373.96	373.96	0 ANNUAL	HCND1	5	
431997	5410087	0.07708	378.53	378.53	0 ANNUAL	HCND1	5	
430381	5410114	0.12937	381	381	0 ANNUAL	HCND1	5	
430361	5408478	0.09381	377.79	377.79	0 ANNUAL	HCND1	5	
431008	5408470	0.08486	368.82	368.82	0 ANNUAL	HCND1	5	
431004	5407564	0.06669	359	359	0 ANNUAL	HCND1	5	
430203	5407573	0.07861	361	361	0 ANNUAL	HCND1	5	
430222	5408485	0.0967	378.03	378.03	0 ANNUAL	HCND1	5	
429414	5408504	0.11187	382.51	382.51	0 ANNUAL	HCND1	5	
429425	5408830	0.12559	383	383	0 ANNUAL	HCND1	5	
429102	5408830	0.12851	389	389	0 ANNUAL	HCND1	5	
429093	5408498	0.12535	387	387	0 ANNUAL	HCND1	5	
429431	5408490	0.11133	382	382	0 ANNUAL	HCND1	5	
429422	5407591	0.09453	359	359	0 ANNUAL	HCND1	5	
428564	5407591	0.10354	368.54	368.54	0 ANNUAL	HCND1	5	
427718	5407601	0.09924	366.38	366.38	0 ANNUAL	HCND1	5	
427720	5407741	0.10646	366.75	366.75	0 ANNUAL	HCND1	5	
427700	5407741	0.10599	366	366	0 ANNUAL	HCND1	5	
426917	5407750	0.09264	351.89	351.89	0 ANNUAL	HCND1	5	
426068	5407740	0.10337	379.31	379.31	0 ANNUAL	HCND1	5	
425276	5407752	0.0932	361	361	0 ANNUAL	HCND1	5	
425245	5406949	0.07223	370	370	0 ANNUAL	HCND1	5	
424422	5406973	0.06625	365	365	0 ANNUAL	HCND1	5	
424461	5407786	0.08864	368.75	378	0 ANNUAL	HCND1	5	
424499	5408579	0.1105	348	348	0 ANNUAL	HCND1	5	
420692	5408632	0.04453	343.53	343.53	0 ANNUAL	HCND1	5	
420705	5409438	0.04583	353	353	0 ANNUAL	HCND1	5	
419681	5409454	0.0359	351.75	351.75	0 ANNUAL	HCND1	5	
419677	5411057	0.03348	357.98	357.98	0 ANNUAL	HCND1	5	
418061	5411078	0.02374	349	349	0 ANNUAL	HCND1	5	
418099	5413503	0.02193	366	366	0 ANNUAL	HCND1	5	
418914	5413492	0.02572	369.53	369.53	0 ANNUAL	HCND1	5	
418914	5413081	0.02577	372.14	372.14	0 ANNUAL	HCND1	5	
419710	5413071	0.02958	380	380	0 ANNUAL	HCND1	5	
419711	5413468	0.02941	378	378	0 ANNUAL	HCND1	5	

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole (Averagin	Source Gi	Num Year	Net ID
429472	5408332	0.10752	380	380	0 ANNUAL	HCND2	5	
429472	5408132	0.10718	376	376	0 ANNUAL	HCND2	5	
429472	5407932	0.10522	370.75	370.75	0 ANNUAL	HCND2	5	
429672	5408332	0.10247	377	377	0 ANNUAL	HCND2	5	
429672	5408132	0.10115	373	373	0 ANNUAL	HCND2	5	
429672	5407932	0.09916	367.86	367.86	0 ANNUAL	HCND2	5	
429872	5408332	0.10278	373.02	373.02	0 ANNUAL	HCND2	5	
429872	5408132	0.09588	368.5	368.5	0 ANNUAL	HCND2	5	
429872	5407932	0.09122	361.71	361.71	0 ANNUAL	HCND2	5	
430072	5408332	0.0996	370.65	370.65	0 ANNUAL	HCND2	5	
430072	5408132	0.0939	366.53	366.53	0 ANNUAL	HCND2	5	
430072	5407932	0.08596	360.08	360.08	0 ANNUAL	HCND2	5	
429272	5408732	0.11967	387	387	0 ANNUAL	HCND2	5	
429272	5408532	0.11544	385	385	0 ANNUAL	HCND2	5	
426272	5414932	0.15875	387	387	0 ANNUAL	HCND2	5	
433272	5414932	0.03571	394	411	0 ANNUAL	HCND2	5	
433272	5411932	0.05384	385	385	0 ANNUAL	HCND2	5	
433272	5408432	0.05095	367	367	0 ANNUAL	HCND2	5	
433272	5404932	0.02901	388	388	0 ANNUAL	HCND2	5	
430272	5404932	0.04242	368	368	0 ANNUAL	HCND2	5	
426772	5404932	0.03914	369	369	0 ANNUAL	HCND2	5	
423272	5404932	0.03405	358	358	0 ANNUAL	HCND2	5	
423272	5407932	0.07198	355.19	355.19	0 ANNUAL	HCND2	5	
423272	5415932	0.06931	399	399	0 ANNUAL	HCND2	5	
423272	5416932	0.05594	403.27	403.27	0 ANNUAL	HCND2	5	
423272	5417932	0.05197	379	379	0 ANNUAL	HCND2	5	
423272	5418932	0.04514	379	379	0 ANNUAL	HCND2	5	
423272	5419932	0.0386	372	372	0 ANNUAL	HCND2	5	
424272	5415932	0.08856	387.8	387.8	0 ANNUAL	HCND2	5	
424272	5416932	0.07446	373	373	0 ANNUAL	HCND2	5	
424272	5417932	0.05901	380	380	0 ANNUAL	HCND2	5	
424272	5418932	0.04824	373.82	373.82	0 ANNUAL	HCND2	5	
424272	5419932	0.03976	379	379	0 ANNUAL	HCND2	5	
425272	5415932	0.10432	379.39	379.39	0 ANNUAL	HCND2	5	
425272	5416932	0.07975	375	375	0 ANNUAL	HCND2	5	
425272	5417932	0.06313	373	373	0 ANNUAL	HCND2	5	
425272	5418932	0.05079	380	380	0 ANNUAL	HCND2	5	
425272	5419932	0.0425	375	375	0 ANNUAL	HCND2	5	
426272	5415932	0.11545	379	379	0 ANNUAL	HCND2	5	
426272	5416932	0.08525	380	380	0 ANNUAL	HCND2	5	
426272	5417932	0.06669	376.3	376.3	0 ANNUAL	HCND2	5	
426272	5418932	0.05374	373	373	0 ANNUAL	HCND2	5	
426272	5419932	0.04423	369.47	369.47	0 ANNUAL	HCND2	5	
427272	5415932	0.11426	385	385	0 ANNUAL	HCND2	5	
427272	5416932	0.08662	381.6	381.6	0 ANNUAL	HCND2	5	
427272	5417932	0.06796	379	379	0 ANNUAL	HCND2	5	
427272	5418932	0.05481	374.11	374.11	0 ANNUAL	HCND2	5	

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole (Averagin	Source Gi	Num Year	Net ID
427272	5419932	0.0451	382.03	382.03	0 ANNUAL	HCND2	5	
428272	5415932	0.10266	376	376	0 ANNUAL	HCND2	5	
428272	5416932	0.07499	378.06	378.06	0 ANNUAL	HCND2	5	
428272	5417932	0.05861	380	380	0 ANNUAL	HCND2	5	
428272	5418932	0.04886	375	375	0 ANNUAL	HCND2	5	
428272	5419932	0.04111	362.92	362.92	0 ANNUAL	HCND2	5	
429272	5415932	0.09758	375.97	375.97	0 ANNUAL	HCND2	5	
429272	5416932	0.07486	373	373	0 ANNUAL	HCND2	5	
429272	5417932	0.05843	378.26	378.26	0 ANNUAL	HCND2	5	
429272	5418932	0.04684	377.04	377.04	0 ANNUAL	HCND2	5	
429272	5419932	0.03806	380	380	0 ANNUAL	HCND2	5	
430272	5415932	0.07508	378	400	0 ANNUAL	HCND2	5	
430272	5416932	0.06654	379.06	389	0 ANNUAL	HCND2	5	
430272	5417932	0.05627	370	370	0 ANNUAL	HCND2	5	
430272	5418932	0.04629	371	371	0 ANNUAL	HCND2	5	
430272	5419932	0.03843	369	369	0 ANNUAL	HCND2	5	
431272	5415932	0.05521	377	377	0 ANNUAL	HCND2	5	
431272	5416932	0.04831	401.29	401.29	0 ANNUAL	HCND2	5	
431272	5417932	0.0473	386.43	392	0 ANNUAL	HCND2	5	
431272	5418932	0.04277	367	367	0 ANNUAL	HCND2	5	
431272	5419932	0.03703	363	363	0 ANNUAL	HCND2	5	
432272	5415932	0.04234	383.19	383.19	0 ANNUAL	HCND2	5	
432272	5416932	0.04024	381.02	400	0 ANNUAL	HCND2	5	
432272	5417932	0.0384	379.99	379.99	0 ANNUAL	HCND2	5	
432272	5418932	0.03586	383.35	386	0 ANNUAL	HCND2	5	
432272	5419932	0.03343	375.1	412	0 ANNUAL	HCND2	5	
433272	5415932	0.02827	418.42	418.42	0 ANNUAL	HCND2	5	
433272	5416932	0.03241	378.66	433	0 ANNUAL	HCND2	5	
433272	5417932	0.0304	390.47	390.47	0 ANNUAL	HCND2	5	
433272	5418932	0.02988	378	378	0 ANNUAL	HCND2	5	
433272	5419932	0.02702	402	402	0 ANNUAL	HCND2	5	
434272	5415932	0.02892	389.22	421	0 ANNUAL	HCND2	5	
434272	5416932	0.02192	422	422	0 ANNUAL	HCND2	5	
434272	5417932	0.02555	382.42	423	0 ANNUAL	HCND2	5	
434272	5418932	0.02373	399.16	399.16	0 ANNUAL	HCND2	5	
434272	5419932	0.02403	376	412	0 ANNUAL	HCND2	5	
435272	5415932	0.02421	388.82	412	0 ANNUAL	HCND2	5	
435272	5416932	0.02343	382	382	0 ANNUAL	HCND2	5	
435272	5417932	0.02009	407.47	407.47	0 ANNUAL	HCND2	5	
435272	5418932	0.02052	393.3	393.3	0 ANNUAL	HCND2	5	
435272	5419932	0.02049	373.48	413	0 ANNUAL	HCND2	5	
436272	5415932	0.02064	389.81	401	0 ANNUAL	HCND2	5	
436272	5416932	0.02019	391.84	391.84	0 ANNUAL	HCND2	5	
436272	5417932	0.01833	400.01	400.01	0 ANNUAL	HCND2	5	
436272	5418932	0.01795	387.9	387.9	0 ANNUAL	HCND2	5	
436272	5419932	0.01752	377.51	388	0 ANNUAL	HCND2	5	
437272	5415932	0.01872	354	354	0 ANNUAL	HCND2	5	

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole (Averagin	Source Gi	Num Year	Net ID
437272	5416932	0.01828	369.34	369.34	0 ANNUAL	HCND2	5	
437272	5417932	0.01737	359.22	359.22	0 ANNUAL	HCND2	5	
437272	5418932	0.0162	376.38	376.38	0 ANNUAL	HCND2	5	
437272	5419932	0.01537	383.1	390	0 ANNUAL	HCND2	5	
438272	5415932	0.01673	354	354	0 ANNUAL	HCND2	5	
438272	5416932	0.01573	378.99	378.99	0 ANNUAL	HCND2	5	
438272	5417932	0.01541	377.48	381	0 ANNUAL	HCND2	5	
438272	5418932	0.01468	380.16	389	0 ANNUAL	HCND2	5	
438272	5419932	0.01406	372.4	394	0 ANNUAL	HCND2	5	
434272	5414932	0.03096	376.5	376.5	0 ANNUAL	HCND2	5	
434272	5413932	0.0341	379.78	379.78	0 ANNUAL	HCND2	5	
434272	5412932	0.04019	380	380	0 ANNUAL	HCND2	5	
434272	5411932	0.04369	389	389	0 ANNUAL	HCND2	5	
434272	5410932	0.04693	384.8	384.8	0 ANNUAL	HCND2	5	
434272	5409932	0.04389	380	380	0 ANNUAL	HCND2	5	
434272	5408932	0.04315	374	374	0 ANNUAL	HCND2	5	
434272	5407932	0.04016	378	378	0 ANNUAL	HCND2	5	
434272	5406932	0.03663	390	390	0 ANNUAL	HCND2	5	
434272	5405932	0.0307	389.07	389.07	0 ANNUAL	HCND2	5	
434272	5404932	0.02598	396	396	0 ANNUAL	HCND2	5	
434272	5403932	0.02415	372	372	0 ANNUAL	HCND2	5	
434272	5402932	0.02198	377.6	377.6	0 ANNUAL	HCND2	5	
434272	5401932	0.02033	367.57	367.57	0 ANNUAL	HCND2	5	
434272	5400932	0.01817	370.03	370.03	0 ANNUAL	HCND2	5	
434272	5399932	0.01594	361.08	361.08	0 ANNUAL	HCND2	5	
435272	5414932	0.02619	377.01	377.01	0 ANNUAL	HCND2	5	
435272	5413932	0.02867	391	391	0 ANNUAL	HCND2	5	
435272	5412932	0.03314	388	388	0 ANNUAL	HCND2	5	
435272	5411932	0.03657	388.36	388.36	0 ANNUAL	HCND2	5	
435272	5410932	0.03859	385	385	0 ANNUAL	HCND2	5	
435272	5409932	0.03599	383	383	0 ANNUAL	HCND2	5	
435272	5408932	0.03537	380	380	0 ANNUAL	HCND2	5	
435272	5407932	0.03296	386.15	386.15	0 ANNUAL	HCND2	5	
435272	5406932	0.03208	391.39	391.39	0 ANNUAL	HCND2	5	
435272	5405932	0.02778	395	395	0 ANNUAL	HCND2	5	
435272	5404932	0.02411	389.45	389.45	0 ANNUAL	HCND2	5	
435272	5403932	0.02142	378.59	378.59	0 ANNUAL	HCND2	5	
435272	5402932	0.0197	371	371	0 ANNUAL	HCND2	5	
435272	5401932	0.01835	367	367	0 ANNUAL	HCND2	5	
435272	5400932	0.01695	361	361	0 ANNUAL	HCND2	5	
435272	5399932	0.01539	361	361	0 ANNUAL	HCND2	5	
436272	5414932	0.02188	395.5	395.5	0 ANNUAL	HCND2	5	
436272	5413932	0.02482	403	403	0 ANNUAL	HCND2	5	
436272	5412932	0.02785	391	391	0 ANNUAL	HCND2	5	
436272	5411932	0.0315	378	378	0 ANNUAL	HCND2	5	
436272	5410932	0.03253	383	383	0 ANNUAL	HCND2	5	
436272	5409932	0.02998	388.85	401	0 ANNUAL	HCND2	5	

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole (Averagin	Source Gi	Num Year	Net ID
436272	5408932	0.02894	393.51	393.51	0 ANNUAL	HCND2	5	
436272	5407932	0.02864	381.28	381.28	0 ANNUAL	HCND2	5	
436272	5406932	0.0274	383	383	0 ANNUAL	HCND2	5	
436272	5405932	0.02574	387.2	387.2	0 ANNUAL	HCND2	5	
436272	5404932	0.02235	387.75	387.75	0 ANNUAL	HCND2	5	
436272	5403932	0.02008	374.42	374.42	0 ANNUAL	HCND2	5	
436272	5402932	0.01772	376	376	0 ANNUAL	HCND2	5	
436272	5401932	0.01643	368	368	0 ANNUAL	HCND2	5	
436272	5400932	0.01551	370	370	0 ANNUAL	HCND2	5	
436272	5399932	0.01442	357.67	357.67	0 ANNUAL	HCND2	5	
437272	5414932	0.02061	361.94	361.94	0 ANNUAL	HCND2	5	
437272	5413932	0.02316	360	403	0 ANNUAL	HCND2	5	
437272	5412932	0.02491	369.93	402	0 ANNUAL	HCND2	5	
437272	5411932	0.02732	369.31	369.31	0 ANNUAL	HCND2	5	
437272	5410932	0.02803	370.89	370.89	0 ANNUAL	HCND2	5	
437272	5409932	0.02647	370.33	370.33	0 ANNUAL	HCND2	5	
437272	5408932	0.02562	374.64	374.64	0 ANNUAL	HCND2	5	
437272	5407932	0.02507	377	377	0 ANNUAL	HCND2	5	
437272	5406932	0.02353	381	381	0 ANNUAL	HCND2	5	
437272	5405932	0.02314	386	386	0 ANNUAL	HCND2	5	
437272	5404932	0.0208	385.46	385.46	0 ANNUAL	HCND2	5	
437272	5403932	0.01855	378	378	0 ANNUAL	HCND2	5	
437272	5402932	0.01659	377	377	0 ANNUAL	HCND2	5	
437272	5401932	0.01512	369	369	0 ANNUAL	HCND2	5	
437272	5400932	0.01399	367.59	367.59	0 ANNUAL	HCND2	5	
437272	5399932	0.01325	363	363	0 ANNUAL	HCND2	5	
438272	5414932	0.01864	365.14	390	0 ANNUAL	HCND2	5	
438272	5413932	0.02056	362.96	390	0 ANNUAL	HCND2	5	
438272	5412932	0.02179	368	368	0 ANNUAL	HCND2	5	
438272	5411932	0.02345	390	390	0 ANNUAL	HCND2	5	
438272	5410932	0.02419	380	380	0 ANNUAL	HCND2	5	
438272	5409932	0.02243	384.32	395	0 ANNUAL	HCND2	5	
438272	5408932	0.02209	377	377	0 ANNUAL	HCND2	5	
438272	5407932	0.02195	377.75	377.75	0 ANNUAL	HCND2	5	
438272	5406932	0.02078	379	379	0 ANNUAL	HCND2	5	
438272	5405932	0.0203	380.9	380.9	0 ANNUAL	HCND2	5	
438272	5404932	0.01932	377.65	377.65	0 ANNUAL	HCND2	5	
438272	5403932	0.01751	373	373	0 ANNUAL	HCND2	5	
438272	5402932	0.01579	371	371	0 ANNUAL	HCND2	5	
438272	5401932	0.01422	368	368	0 ANNUAL	HCND2	5	
438272	5400932	0.01293	367	367	0 ANNUAL	HCND2	5	
438272	5399932	0.01208	365.37	365.37	0 ANNUAL	HCND2	5	
433272	5403932	0.02725	380	380	0 ANNUAL	HCND2	5	
433272	5402932	0.02472	364.52	364.52	0 ANNUAL	HCND2	5	
433272	5401932	0.02163	372.72	372.72	0 ANNUAL	HCND2	5	
433272	5400932	0.01869	362	362	0 ANNUAL	HCND2	5	
433272	5399932	0.01638	361	361	0 ANNUAL	HCND2	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gi	Num Year	Net ID
432272	5403932	0.03071	381	381	0 ANNUAL	HCND2	5	
432272	5402932	0.02621	363.86	363.86	0 ANNUAL	HCND2	5	
432272	5401932	0.02197	380	380	0 ANNUAL	HCND2	5	
432272	5400932	0.01921	368.3	368.3	0 ANNUAL	HCND2	5	
432272	5399932	0.01649	366.49	366.49	0 ANNUAL	HCND2	5	
431272	5403932	0.03283	368	368	0 ANNUAL	HCND2	5	
431272	5402932	0.02688	360	360	0 ANNUAL	HCND2	5	
431272	5401932	0.02226	357.8	357.8	0 ANNUAL	HCND2	5	
431272	5400932	0.01886	366	366	0 ANNUAL	HCND2	5	
431272	5399932	0.01592	353	353	0 ANNUAL	HCND2	5	
430272	5403932	0.03332	370	370	0 ANNUAL	HCND2	5	
430272	5402932	0.02662	369	369	0 ANNUAL	HCND2	5	
430272	5401932	0.02167	357.1	357.1	0 ANNUAL	HCND2	5	
430272	5400932	0.01841	361.15	361.15	0 ANNUAL	HCND2	5	
430272	5399932	0.01579	357	357	0 ANNUAL	HCND2	5	
429272	5403932	0.03226	370	370	0 ANNUAL	HCND2	5	
429272	5402932	0.02608	367	367	0 ANNUAL	HCND2	5	
429272	5401932	0.02166	363	363	0 ANNUAL	HCND2	5	
429272	5400932	0.01833	358	358	0 ANNUAL	HCND2	5	
429272	5399932	0.01589	360.27	360.27	0 ANNUAL	HCND2	5	
428272	5403932	0.03212	369	369	0 ANNUAL	HCND2	5	
428272	5402932	0.02597	371.15	371.15	0 ANNUAL	HCND2	5	
428272	5401932	0.02136	368	368	0 ANNUAL	HCND2	5	
428272	5400932	0.01799	368.87	368.87	0 ANNUAL	HCND2	5	
428272	5399932	0.0153	363	363	0 ANNUAL	HCND2	5	
427272	5403932	0.03005	365	365	0 ANNUAL	HCND2	5	
427272	5402932	0.02464	372	372	0 ANNUAL	HCND2	5	
427272	5401932	0.01965	378	378	0 ANNUAL	HCND2	5	
427272	5400932	0.0175	370	370	0 ANNUAL	HCND2	5	
427272	5399932	0.01498	359	359	0 ANNUAL	HCND2	5	
426272	5403932	0.03216	369	369	0 ANNUAL	HCND2	5	
426272	5402932	0.02415	391.8	391.8	0 ANNUAL	HCND2	5	
426272	5401932	0.02134	375	375	0 ANNUAL	HCND2	5	
426272	5400932	0.01846	371	371	0 ANNUAL	HCND2	5	
426272	5399932	0.01586	367	367	0 ANNUAL	HCND2	5	
425272	5403932	0.03268	369	369	0 ANNUAL	HCND2	5	
425272	5402932	0.02699	371.54	371.54	0 ANNUAL	HCND2	5	
425272	5401932	0.02219	379	379	0 ANNUAL	HCND2	5	
425272	5400932	0.01919	374	374	0 ANNUAL	HCND2	5	
425272	5399932	0.01667	373	373	0 ANNUAL	HCND2	5	
424272	5403932	0.03015	361	361	0 ANNUAL	HCND2	5	
424272	5402932	0.02516	373.05	373.05	0 ANNUAL	HCND2	5	
424272	5401932	0.02082	378.56	378.56	0 ANNUAL	HCND2	5	
424272	5400932	0.01806	378	378	0 ANNUAL	HCND2	5	
424272	5399932	0.01626	372	372	0 ANNUAL	HCND2	5	
423272	5403932	0.02738	359	359	0 ANNUAL	HCND2	5	
423272	5402932	0.02286	378	378	0 ANNUAL	HCND2	5	



Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole (Averagin	Source Gi	Num Year	Net ID
423272	5401932	0.02005	375	375	0 ANNUAL	HCND2	5	
423272	5400932	0.01711	379	379	0 ANNUAL	HCND2	5	
423272	5399932	0.01536	373	373	0 ANNUAL	HCND2	5	
422272	5403932	0.02672	357	357	0 ANNUAL	HCND2	5	
422272	5402932	0.0222	372	372	0 ANNUAL	HCND2	5	
422272	5401932	0.01864	373	373	0 ANNUAL	HCND2	5	
422272	5400932	0.01649	369	369	0 ANNUAL	HCND2	5	
422272	5399932	0.01472	366.91	366.91	0 ANNUAL	HCND2	5	
421272	5403932	0.02576	360	360	0 ANNUAL	HCND2	5	
421272	5402932	0.02181	360	360	0 ANNUAL	HCND2	5	
421272	5401932	0.01839	365	365	0 ANNUAL	HCND2	5	
421272	5400932	0.01567	366	366	0 ANNUAL	HCND2	5	
421272	5399932	0.01362	360	360	0 ANNUAL	HCND2	5	
420272	5403932	0.02229	358.25	358.25	0 ANNUAL	HCND2	5	
420272	5402932	0.02033	355	355	0 ANNUAL	HCND2	5	
420272	5401932	0.01806	360	360	0 ANNUAL	HCND2	5	
420272	5400932	0.01558	362	362	0 ANNUAL	HCND2	5	
420272	5399932	0.01343	358	358	0 ANNUAL	HCND2	5	
419272	5403932	0.02011	357.88	357.88	0 ANNUAL	HCND2	5	
419272	5402932	0.01786	357	357	0 ANNUAL	HCND2	5	
419272	5401932	0.01663	356	356	0 ANNUAL	HCND2	5	
419272	5400932	0.01519	360	360	0 ANNUAL	HCND2	5	
419272	5399932	0.01341	361	361	0 ANNUAL	HCND2	5	
418272	5403932	0.01873	349.47	349.47	0 ANNUAL	HCND2	5	
418272	5402932	0.01646	360	360	0 ANNUAL	HCND2	5	
418272	5401932	0.01467	353	353	0 ANNUAL	HCND2	5	
418272	5400932	0.0139	358	358	0 ANNUAL	HCND2	5	
418272	5399932	0.01297	362	362	0 ANNUAL	HCND2	5	
422272	5404932	0.0332	358.2	358.2	0 ANNUAL	HCND2	5	
422272	5405932	0.03909	359	359	0 ANNUAL	HCND2	5	
422272	5407932	0.06294	357	357	0 ANNUAL	HCND2	5	
422272	5414932	0.06021	383.84	383.84	0 ANNUAL	HCND2	5	
422272	5415932	0.05307	389	389	0 ANNUAL	HCND2	5	
422272	5416932	0.04771	399	399	0 ANNUAL	HCND2	5	
422272	5417932	0.04506	381.74	381.74	0 ANNUAL	HCND2	5	
422272	5418932	0.03876	376.48	376.48	0 ANNUAL	HCND2	5	
422272	5419932	0.03423	364.17	364.17	0 ANNUAL	HCND2	5	
421272	5407932	0.0523	350	350	0 ANNUAL	HCND2	5	
421272	5414932	0.0483	378	378	0 ANNUAL	HCND2	5	
421272	5415932	0.04202	392.15	392.15	0 ANNUAL	HCND2	5	
421272	5416932	0.03788	396	396	0 ANNUAL	HCND2	5	
421272	5417932	0.03629	388.43	388.43	0 ANNUAL	HCND2	5	
421272	5418932	0.03442	382	382	0 ANNUAL	HCND2	5	
421272	5419932	0.03077	369	369	0 ANNUAL	HCND2	5	
420272	5404932	0.02511	350.89	350.89	0 ANNUAL	HCND2	5	
420272	5406932	0.03729	347	347	0 ANNUAL	HCND2	5	
420272	5408932	0.03993	348.58	348.58	0 ANNUAL	HCND2	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gi	Num Year	Net ID
420272	5413932	0.03521	380	380	0 ANNUAL	HCND2	5	
420272	5414932	0.0358	379	379	0 ANNUAL	HCND2	5	
420272	5415932	0.03656	381	381	0 ANNUAL	HCND2	5	
420272	5416932	0.03202	387.24	387.24	0 ANNUAL	HCND2	5	
420272	5417932	0.02969	386.6	386.6	0 ANNUAL	HCND2	5	
420272	5418932	0.02865	375	375	0 ANNUAL	HCND2	5	
420272	5419932	0.02707	368	368	0 ANNUAL	HCND2	5	
419272	5404932	0.02327	347	347	0 ANNUAL	HCND2	5	
419272	5405932	0.02821	351	351	0 ANNUAL	HCND2	5	
419272	5406932	0.03196	347	347	0 ANNUAL	HCND2	5	
419272	5407932	0.03183	342	342	0 ANNUAL	HCND2	5	
419272	5408932	0.03183	347	347	0 ANNUAL	HCND2	5	
419272	5409932	0.03271	351	351	0 ANNUAL	HCND2	5	
419272	5410932	0.03076	354	354	0 ANNUAL	HCND2	5	
419272	5413932	0.02788	370	370	0 ANNUAL	HCND2	5	
419272	5414932	0.02858	382	382	0 ANNUAL	HCND2	5	
419272	5415932	0.02826	385.17	385.17	0 ANNUAL	HCND2	5	
419272	5416932	0.0289	372	372	0 ANNUAL	HCND2	5	
419272	5417932	0.02602	367.49	367.49	0 ANNUAL	HCND2	5	
419272	5418932	0.02418	365	365	0 ANNUAL	HCND2	5	
419272	5419932	0.02307	370	370	0 ANNUAL	HCND2	5	
418272	5404932	0.02197	352	352	0 ANNUAL	HCND2	5	
418272	5405932	0.02524	343.78	343.78	0 ANNUAL	HCND2	5	
418272	5406932	0.02632	342	342	0 ANNUAL	HCND2	5	
418272	5407932	0.02583	341	341	0 ANNUAL	HCND2	5	
418272	5408932	0.02639	344	344	0 ANNUAL	HCND2	5	
418272	5409932	0.02607	345	345	0 ANNUAL	HCND2	5	
418272	5410932	0.02486	348	348	0 ANNUAL	HCND2	5	
418272	5413932	0.02249	369.17	369.17	0 ANNUAL	HCND2	5	
418272	5414932	0.02329	376.9	376.9	0 ANNUAL	HCND2	5	
418272	5415932	0.02321	378	378	0 ANNUAL	HCND2	5	
418272	5416932	0.02396	364	364	0 ANNUAL	HCND2	5	
418272	5417932	0.02298	361	361	0 ANNUAL	HCND2	5	
418272	5418932	0.02089	359.7	359.7	0 ANNUAL	HCND2	5	
418272	5419932	0.01987	371.14	371.14	0 ANNUAL	HCND2	5	
415463	5406675	0.01658	342	342	0 ANNUAL	HCND2	5	
415451	5406279	0.01675	345	345	0 ANNUAL	HCND2	5	
414628	5406278	0.01484	341	341	0 ANNUAL	HCND2	5	
414648	5407097	0.01456	340	340	0 ANNUAL	HCND2	5	
413820	5407101	0.0132	344.14	344.14	0 ANNUAL	HCND2	5	
413844	5407916	0.01369	343	343	0 ANNUAL	HCND2	5	
414669	5407897	0.01499	343	343	0 ANNUAL	HCND2	5	
414668	5407921	0.01501	343	343	0 ANNUAL	HCND2	5	
415890	5407908	0.01739	341	341	0 ANNUAL	HCND2	5	
415869	5407086	0.01741	341	341	0 ANNUAL	HCND2	5	
416287	5407081	0.01863	342	342	0 ANNUAL	HCND2	5	
416272	5406666	0.01881	344	344	0 ANNUAL	HCND2	5	

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole (Averagin	Source Gi	Num Year	Net ID
421918	5404856	0.03139	353.05	353.05	0 ANNUAL	HCND2	5	
421094	5404865	0.02738	350	350	0 ANNUAL	HCND2	5	
421106	5405379	0.0292	350	350	0 ANNUAL	HCND2	5	
420730	5405382	0.02849	355	355	0 ANNUAL	HCND2	5	
420730	5405796	0.03094	353	353	0 ANNUAL	HCND2	5	
419463	5405818	0.02806	353	353	0 ANNUAL	HCND2	5	
419463	5406226	0.03025	350	350	0 ANNUAL	HCND2	5	
420291	5406220	0.03223	350	350	0 ANNUAL	HCND2	5	
420304	5407038	0.03823	347.43	347.43	0 ANNUAL	HCND2	5	
419611	5407048	0.03421	347	347	0 ANNUAL	HCND2	5	
419649	5408646	0.03456	347	347	0 ANNUAL	HCND2	5	
420388	5408637	0.04183	346.92	346.92	0 ANNUAL	HCND2	5	
420340	5407829	0.04106	344	344	0 ANNUAL	HCND2	5	
421196	5407811	0.05092	350.16	350.16	0 ANNUAL	HCND2	5	
421156	5407025	0.04226	352	352	0 ANNUAL	HCND2	5	
422795	5406994	0.05162	359	359	0 ANNUAL	HCND2	5	
422806	5407802	0.06562	359	359	0 ANNUAL	HCND2	5	
423617	5407779	0.0724	358.09	358.09	0 ANNUAL	HCND2	5	
423599	5406990	0.06263	365.72	365.72	0 ANNUAL	HCND2	5	
422786	5406989	0.05146	359	359	0 ANNUAL	HCND2	5	
422771	5406177	0.04492	358	358	0 ANNUAL	HCND2	5	
422357	5406187	0.04154	359	359	0 ANNUAL	HCND2	5	
422363	5406591	0.04362	357	357	0 ANNUAL	HCND2	5	
421964	5406591	0.04167	356	356	0 ANNUAL	HCND2	5	
420767	5413450	0.0397	375	375	0 ANNUAL	HCND2	5	
420780	5414261	0.04126	377	377	0 ANNUAL	HCND2	5	
421449	5414252	0.04904	379.78	379.78	0 ANNUAL	HCND2	5	
422377	5414238	0.06793	379	379	0 ANNUAL	HCND2	5	
422370	5415036	0.05991	387.39	387.39	0 ANNUAL	HCND2	5	
424000	5415015	0.09751	397.45	397.45	0 ANNUAL	HCND2	5	
423997	5414610	0.09802	400.01	400.01	0 ANNUAL	HCND2	5	
424792	5414601	0.13565	388	388	0 ANNUAL	HCND2	5	
424798	5414204	0.14787	389	389	0 ANNUAL	HCND2	5	
428817	5414150	0.13052	404	404	0 ANNUAL	HCND2	5	
428848	5415656	0.10972	376	421	0 ANNUAL	HCND2	5	
429649	5415650	0.08756	394.89	394.89	0 ANNUAL	HCND2	5	
429650	5415747	0.08915	388.58	388.58	0 ANNUAL	HCND2	5	
431259	5415735	0.0563	378.13	378.13	0 ANNUAL	HCND2	5	
431239	5414122	0.06465	376.02	376.02	0 ANNUAL	HCND2	5	
429628	5414138	0.10424	385.78	385.78	0 ANNUAL	HCND2	5	
429614	5413326	0.10213	389.97	389.97	0 ANNUAL	HCND2	5	
428809	5413327	0.14826	390	390	0 ANNUAL	HCND2	5	
428808	5412548	0.15125	393.59	393.59	0 ANNUAL	HCND2	5	
430407	5412512	0.09316	389	389	0 ANNUAL	HCND2	5	
430422	5413312	0.08747	379.63	379.63	0 ANNUAL	HCND2	5	
431230	5413308	0.06946	376	376	0 ANNUAL	HCND2	5	
431224	5412901	0.07371	379	379	0 ANNUAL	HCND2	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
432035	5412899	0.06178	375.4	375.4	0 ANNUAL	HCND2	5	
432035	5412495	0.06967	374	374	0 ANNUAL	HCND2	5	
431223	5412502	0.08005	381	381	0 ANNUAL	HCND2	5	
431202	5410899	0.10115	382	382	0 ANNUAL	HCND2	5	
432010	5410893	0.08251	373.96	373.96	0 ANNUAL	HCND2	5	
431997	5410087	0.07628	378.53	378.53	0 ANNUAL	HCND2	5	
430381	5410114	0.12482	381	381	0 ANNUAL	HCND2	5	
430361	5408478	0.09417	377.79	377.79	0 ANNUAL	HCND2	5	
431008	5408470	0.08498	368.82	368.82	0 ANNUAL	HCND2	5	
431004	5407564	0.06682	359	359	0 ANNUAL	HCND2	5	
430203	5407573	0.07833	361	361	0 ANNUAL	HCND2	5	
430222	5408485	0.09627	378.03	378.03	0 ANNUAL	HCND2	5	
429414	5408504	0.11131	382.51	382.51	0 ANNUAL	HCND2	5	
429425	5408830	0.12384	383	383	0 ANNUAL	HCND2	5	
429102	5408830	0.12768	389	389	0 ANNUAL	HCND2	5	
429093	5408498	0.12425	387	387	0 ANNUAL	HCND2	5	
429431	5408490	0.11081	382	382	0 ANNUAL	HCND2	5	
429422	5407591	0.09407	359	359	0 ANNUAL	HCND2	5	
428564	5407591	0.10361	368.54	368.54	0 ANNUAL	HCND2	5	
427718	5407601	0.09987	366.38	366.38	0 ANNUAL	HCND2	5	
427720	5407741	0.10726	366.75	366.75	0 ANNUAL	HCND2	5	
427700	5407741	0.10677	366	366	0 ANNUAL	HCND2	5	
426917	5407750	0.09313	351.89	351.89	0 ANNUAL	HCND2	5	
426068	5407740	0.10424	379.31	379.31	0 ANNUAL	HCND2	5	
425276	5407752	0.09371	361	361	0 ANNUAL	HCND2	5	
425245	5406949	0.07254	370	370	0 ANNUAL	HCND2	5	
424422	5406973	0.06644	365	365	0 ANNUAL	HCND2	5	
424461	5407786	0.08896	368.75	378	0 ANNUAL	HCND2	5	
424499	5408579	0.10904	348	348	0 ANNUAL	HCND2	5	
420692	5408632	0.04463	343.53	343.53	0 ANNUAL	HCND2	5	
420705	5409438	0.04544	353	353	0 ANNUAL	HCND2	5	
419681	5409454	0.03641	351.75	351.75	0 ANNUAL	HCND2	5	
419677	5411057	0.03338	357.98	357.98	0 ANNUAL	HCND2	5	
418061	5411078	0.0237	349	349	0 ANNUAL	HCND2	5	
418099	5413503	0.02195	366	366	0 ANNUAL	HCND2	5	
418914	5413492	0.0257	369.53	369.53	0 ANNUAL	HCND2	5	
418914	5413081	0.02579	372.14	372.14	0 ANNUAL	HCND2	5	
419710	5413071	0.02958	380	380	0 ANNUAL	HCND2	5	
419711	5413468	0.02937	378	378	0 ANNUAL	HCND2	5	

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	415889	5407356	0.0766	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415889	5407406	0.07661	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415889	5407456	0.0766	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415889	5407506	0.07661	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415889	5407556	0.07661	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415889	5407606	0.07663	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415939	5407356	0.07728	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415939	5407406	0.07728	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415939	5407456	0.07728	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415939	5407506	0.07728	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415939	5407556	0.07729	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415939	5407606	0.0773	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415989	5407356	0.07796	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415989	5407406	0.07796	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415989	5407456	0.07796	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415989	5407506	0.07796	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415989	5407556	0.07797	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415989	5407606	0.07798	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415739	5406656	0.07506	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415739	5406606	0.07528	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415789	5406656	0.07582	343.4	343.4	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415789	5406606	0.07596	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415839	5406656	0.07662	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415839	5406606	0.07666	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415889	5407306	0.0766	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415889	5407256	0.07668	340.39	340.39	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415889	5407206	0.07679	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415889	5407156	0.07678	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415889	5407106	0.07675	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415889	5406656	0.07719	343.32	343.32	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415889	5406606	0.07734	343.86	343.86	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415939	5407306	0.07727	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415939	5407256	0.07748	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415939	5407206	0.07746	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415939	5407156	0.07744	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415939	5407106	0.07742	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415939	5406656	0.07784	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415939	5406606	0.07788	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415989	5407306	0.07802	340.32	340.32	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415989	5407256	0.07816	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415989	5407206	0.07814	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415989	5407156	0.07812	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415989	5407106	0.07818	341.38	341.38	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415989	5406656	0.07856	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415989	5406606	0.07861	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415689	5406656	0.0744	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415689	5406606	0.07461	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415639	5406656	0.07375	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415639	5406606	0.07395	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415589	5406656	0.07311	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415589	5406606	0.07324	343.6	343.6	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415539	5406656	0.07249	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415539	5406606	0.07249	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415489	5406656	0.07187	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415489	5406606	0.07187	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414989	5408006	0.07037	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414989	5408106	0.07173	344.02	344.02	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415089	5408006	0.07117	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415089	5408106	0.07261	344.63	344.63	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415189	5408006	0.07201	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415189	5408106	0.07332	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415289	5408006	0.07288	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr

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Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	415289	5408106	0.07416	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415389	5408006	0.07361	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415389	5408106	0.07503	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415489	5408006	0.07455	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415489	5408106	0.07594	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415589	5408006	0.07554	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415589	5408106	0.07688	343.95	343.95	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415689	5408006	0.07651	342.7	342.7	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415689	5408106	0.07769	343.02	343.02	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415789	5408006	0.07745	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415789	5408106	0.0787	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415889	5407706	0.07695	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415889	5407806	0.07721	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415889	5408006	0.07857	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415889	5408106	0.07978	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415989	5407706	0.07807	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415989	5407806	0.07828	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415989	5407906	0.07889	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415989	5408006	0.07963	341.44	341.44	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415989	5408106	0.08068	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5407706	0.07944	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5407806	0.07961	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5407906	0.0801	340.64	340.64	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5408006	0.08076	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5408106	0.08185	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416189	5407706	0.08085	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416189	5407806	0.08099	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416189	5407906	0.08129	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416189	5408006	0.08204	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416189	5408106	0.08307	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416289	5407706	0.08232	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416289	5407806	0.08243	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416289	5407906	0.08268	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416289	5408006	0.08338	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416289	5408106	0.08421	341.4	341.4	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416389	5407706	0.08384	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416389	5407806	0.08392	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416389	5407906	0.08413	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416389	5408006	0.08454	340.05	340.05	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416389	5408106	0.08544	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416489	5407706	0.0854	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416489	5407806	0.08546	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416489	5407906	0.08563	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416489	5408006	0.08598	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416489	5408106	0.08672	340.58	340.58	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5407606	0.07938	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5407506	0.07936	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5407406	0.07936	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5407306	0.07957	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5407206	0.07953	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5407106	0.07971	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5406606	0.08031	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5406506	0.08061	344.9	344.9	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5406406	0.08073	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5406306	0.08075	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5406206	0.08084	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5406106	0.08054	346.07	346.07	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416189	5407606	0.08081	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416189	5407506	0.0808	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416189	5407406	0.081	340.88	340.88	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416189	5407306	0.081	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416189	5407206	0.08096	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	416189	5407106	0.08115	342	342	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416189	5406606	0.08192	344.4	344.4	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416189	5406506	0.08216	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416189	5406406	0.08226	345.2	345.2	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416189	5406306	0.08236	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416189	5406206	0.08228	346.79	346.79	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416189	5406106	0.08184	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416289	5407606	0.08228	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416289	5407506	0.08228	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416289	5407406	0.08246	340.81	340.81	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416289	5407306	0.08247	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416289	5407206	0.08253	341.41	341.41	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416289	5407106	0.08264	342	342	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416289	5407006	0.08286	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416289	5406906	0.08289	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416289	5406806	0.08319	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416289	5406706	0.0833	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416289	5406606	0.08363	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416289	5406506	0.08371	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416289	5406406	0.08391	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416289	5406306	0.08375	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416289	5406206	0.08356	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416289	5406106	0.08287	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416389	5407606	0.08381	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416389	5407506	0.08379	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416389	5407406	0.08403	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416389	5407306	0.08399	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416389	5407206	0.0842	342	342	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416389	5407106	0.08418	342	342	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416389	5407006	0.08443	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416389	5406906	0.08448	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416389	5406806	0.08481	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416389	5406706	0.08492	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416389	5406606	0.08524	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416389	5406506	0.08527	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416389	5406406	0.08517	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416389	5406306	0.08504	345.75	345.75	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416389	5406206	0.08452	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416389	5406106	0.0836	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416489	5407606	0.08537	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416489	5407506	0.08536	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416489	5407406	0.08559	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416489	5407306	0.08556	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416489	5407206	0.08578	342	342	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416489	5407106	0.08578	342	342	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416489	5407006	0.08606	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416489	5406906	0.08613	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416489	5406806	0.08647	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416489	5406706	0.08658	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416489	5406606	0.08664	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416489	5406506	0.0866	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416489	5406406	0.08639	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416489	5406306	0.08593	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416489	5406206	0.08526	344.51	344.51	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	416489	5406106	0.08418	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415989	5406506	0.07894	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415989	5406406	0.07906	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415989	5406306	0.07934	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415989	5406206	0.07932	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415989	5406106	0.07933	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415889	5406506	0.07748	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415889	5406406	0.0777	344.45	344.45	0	MONTH	EMRSS	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	415889	5406306	0.07787	344.72	344.72	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415889	5406206	0.07797	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415889	5406106	0.0779	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415789	5406506	0.07606	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415789	5406406	0.07638	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415789	5406306	0.07662	345.63	345.63	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415789	5406206	0.07679	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415789	5406106	0.0768	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415689	5406506	0.0747	344.06	344.06	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415689	5406406	0.07499	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415689	5406306	0.07513	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415689	5406206	0.07543	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415689	5406106	0.0755	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415589	5406506	0.07336	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415589	5406406	0.07347	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415589	5406306	0.07378	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415589	5406206	0.07408	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415589	5406106	0.0742	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415489	5406506	0.07198	343.44	343.44	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415489	5406406	0.07216	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415489	5406306	0.07245	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415489	5406206	0.0726	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415489	5406106	0.07287	345.84	345.84	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415389	5406206	0.07131	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415389	5406106	0.07146	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415289	5406206	0.06989	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415289	5406106	0.0702	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415189	5406206	0.06867	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415189	5406106	0.06891	344.65	344.65	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415089	5406206	0.06749	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415089	5406106	0.06773	344.72	344.72	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414989	5406206	0.06635	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414989	5406106	0.06646	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414889	5406206	0.0651	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414889	5406106	0.06518	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414789	5406206	0.06389	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414789	5406106	0.06396	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414689	5406206	0.06273	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414689	5406106	0.06291	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414589	5406506	0.06178	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414589	5406406	0.06184	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414589	5406306	0.06178	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414589	5406206	0.06185	341.73	341.73	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414589	5406106	0.06191	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5406506	0.06088	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5406406	0.06093	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5406306	0.06085	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5406206	0.06092	341.8	341.8	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5406106	0.06094	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414889	5408006	0.0696	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414889	5408106	0.07096	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414789	5408006	0.06872	343.11	343.11	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414789	5408106	0.07021	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414689	5408006	0.06799	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414689	5408106	0.06962	344	344	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	414589	5406606	0.06186	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414589	5406706	0.06193	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414589	5406806	0.06196	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414589	5406906	0.06195	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414589	5407006	0.06192	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414589	5407906	0.06597	342.66	342.66	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414589	5408006	0.06729	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	414589	5408106	0.0695	344	344	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	414489	5406606	0.06095	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5406706	0.06101	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5406806	0.06102	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5406906	0.061	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5407006	0.06096	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5407906	0.06534	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5408006	0.06661	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5408106	0.06932	344	344	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	414489	5408306	0.07342	345	345	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	414489	5408506	0.07325	346	346	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	414489	5408706	0.07241	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5408906	0.0715	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5409106	0.06995	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414689	5408306	0.07484	345	345	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	414689	5408506	0.07568	345.63	345.63	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	414689	5408706	0.0746	346.26	346.26	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414689	5408906	0.07398	347.9	347.9	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414689	5409106	0.07248	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414889	5408306	0.07604	345	345	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	414889	5408506	0.07814	346	346	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	414889	5408706	0.07707	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414889	5408906	0.07643	347.03	347.03	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414889	5409106	0.07499	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415089	5408306	0.07699	345	345	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	415089	5408506	0.08037	346	346	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	415089	5408706	0.07946	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415089	5408906	0.07927	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415089	5409106	0.07793	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415289	5408306	0.07767	345	345	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	415289	5408506	0.0824	346	346	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	415289	5408706	0.0819	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415289	5408906	0.08204	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415289	5409106	0.08085	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415489	5408306	0.07908	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415489	5408506	0.08419	346	346	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	415489	5408706	0.0849	347	347	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	415489	5408906	0.08491	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415489	5409106	0.08392	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415689	5408306	0.08078	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415689	5408506	0.08573	346	346	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	415689	5408706	0.08791	347	347	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	415689	5408906	0.08796	348.55	348.55	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415689	5409106	0.08731	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415889	5408306	0.08256	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415889	5408506	0.08643	344	344	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	415889	5408706	0.09074	347	347	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	415889	5408906	0.09107	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415889	5409106	0.09066	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5408306	0.08467	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5408506	0.0878	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5408706	0.09278	345	345	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	416089	5408906	0.09396	347.97	347.97	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5409106	0.09416	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416289	5408306	0.08672	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416289	5408506	0.09009	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416289	5408706	0.09412	342	342	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	416289	5408906	0.09688	346.94	346.94	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416289	5409106	0.09779	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416489	5408306	0.08919	341.92	341.92	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416489	5408506	0.09276	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416489	5408706	0.09711	345.23	345.23	0 MONTH	EMRSS	1ST		12/31/2000 24 hr

Discrete FX	Y	Concetr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	416489	5408906	0.10037	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416489	5409106	0.10156	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416689	5408306	0.09244	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416689	5408506	0.09605	345.73	345.73	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416689	5408706	0.10023	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416689	5408906	0.10368	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416689	5409106	0.1052	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416889	5408306	0.09545	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416889	5408506	0.09867	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416889	5408706	0.10266	345.23	345.23	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416889	5408906	0.10651	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416889	5409106	0.10864	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417089	5408306	0.09816	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417089	5408506	0.10081	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417089	5408706	0.10502	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417089	5408906	0.10914	343.45	343.45	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417089	5409106	0.11209	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417289	5408306	0.10179	342.14	342.14	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417289	5408506	0.10452	343.33	343.33	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417289	5408706	0.10855	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417289	5408906	0.11318	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417289	5409106	0.11627	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5408306	0.10602	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5408506	0.10837	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5408706	0.11202	344.08	344.08	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5408906	0.11686	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5409106	0.12093	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416689	5408106	0.09027	342.72	342.72	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416689	5407906	0.08909	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416689	5407706	0.08866	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416689	5407506	0.08863	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416689	5407306	0.08882	340.88	340.88	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416689	5407106	0.08889	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416689	5406906	0.08934	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416689	5406706	0.0897	342.88	342.88	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416689	5406506	0.08945	343.3	343.3	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416689	5406306	0.08818	344.04	344.04	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416689	5406106	0.08526	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416689	5405906	0.08039	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416689	5405706	0.0738	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416689	5405506	0.0662	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416689	5405306	0.0627	349	349	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	416689	5405106	0.05917	350	350	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	416889	5408106	0.09362	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416889	5407906	0.09254	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416889	5407706	0.09215	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416889	5407506	0.09211	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416889	5407306	0.09211	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416889	5407106	0.09251	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416889	5406906	0.09297	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416889	5406706	0.09313	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416889	5406506	0.0924	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416889	5406306	0.09011	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416889	5406106	0.08556	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416889	5405906	0.07927	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416889	5405706	0.07158	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416889	5405506	0.06599	348	348	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	416889	5405306	0.0626	349.09	349.09	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	416889	5405106	0.05992	350.12	350.12	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	417089	5408106	0.09691	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417089	5407906	0.09624	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417089	5407706	0.09585	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	417089	5407506	0.09584	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417089	5407306	0.0959	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417089	5407106	0.09637	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417089	5406906	0.09672	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417089	5406706	0.09641	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417089	5406506	0.09474	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417089	5406306	0.09107	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417089	5406106	0.08519	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417089	5405906	0.07753	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417089	5405706	0.06958	347.89	347.89	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	417089	5405506	0.06633	349	349	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	417089	5405306	0.06296	350	350	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	417089	5405106	0.06145	351.14	351.14	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	417289	5408106	0.10044	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417289	5407906	0.09986	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417289	5407706	0.09982	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417289	5407506	0.09984	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417289	5407306	0.10029	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417289	5407106	0.10074	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417289	5406906	0.10077	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417289	5406706	0.09946	343.3	343.3	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417289	5406506	0.09641	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417289	5406306	0.09111	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417289	5406106	0.08367	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417289	5405906	0.07492	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417289	5405706	0.07011	348	348	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	417289	5405506	0.06618	349	349	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	417289	5405306	0.06441	350	350	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	417289	5405106	0.06341	353	353	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	417489	5408106	0.10495	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5407906	0.10444	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5407706	0.10407	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5407506	0.10415	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5407306	0.10465	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5407106	0.10493	341.99	341.99	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5406906	0.10403	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5406706	0.10178	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5406506	0.09719	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5406306	0.09015	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5406106	0.08131	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5405906	0.07408	347	347	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	417489	5405706	0.06992	348	348	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	417489	5405506	0.06754	348.07	348.07	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	417489	5405306	0.06622	349.95	349.95	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	417489	5405106	0.06548	352.34	352.34	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	416489	5405906	0.08068	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416489	5405706	0.07535	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416489	5405506	0.06886	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416489	5405306	0.06224	349	349	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	416489	5405106	0.05968	350.98	350.98	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	416289	5405906	0.08037	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416289	5405706	0.07596	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416289	5405506	0.07044	347.84	347.84	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416289	5405306	0.06399	351.47	351.47	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416289	5405106	0.06031	359.11	359.11	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	416089	5405906	0.07937	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5405706	0.07634	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5405506	0.07152	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5405306	0.06598	350.6	350.6	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416089	5405106	0.05966	361	361	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415889	5405906	0.07733	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415889	5405706	0.07568	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	415889	5405506	0.07217	348	348	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415889	5405306	0.06815	356.47	356.47	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415889	5405106	0.06212	360	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415689	5405906	0.07544	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415689	5405706	0.07446	348	348	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415689	5405506	0.0721	348.64	348.64	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415689	5405306	0.06862	352.29	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415689	5405106	0.06384	357.88	357.88	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415489	5405906	0.07315	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415489	5405706	0.07279	348	348	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415489	5405506	0.07124	348	348	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415489	5405306	0.06861	350	350	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415489	5405106	0.06473	353.88	353.88	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415289	5405906	0.07061	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415289	5405706	0.07068	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415289	5405506	0.06998	348	348	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415289	5405306	0.06814	349	349	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415289	5405106	0.06496	350	350	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415089	5405906	0.06819	345.76	345.76	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415089	5405706	0.06839	345.96	345.96	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415089	5405506	0.06809	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415089	5405306	0.06697	346.52	346.52	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	415089	5405106	0.06472	347.49	347.49	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414889	5405906	0.06547	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414889	5405706	0.06592	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414889	5405506	0.0661	344.98	344.98	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414889	5405306	0.06564	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414889	5405106	0.06408	346.01	346.01	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414689	5405906	0.06327	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414689	5405706	0.06374	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414689	5405506	0.06411	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414689	5405306	0.06409	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414689	5405106	0.06331	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414489	5405906	0.0612	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414489	5405706	0.06162	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414489	5405506	0.06208	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414489	5405306	0.06233	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414489	5405106	0.06206	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414289	5405906	0.05926	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414289	5405706	0.0596	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414289	5405506	0.06008	345.13	345.13	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414289	5405306	0.06056	346.78	346.78	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414289	5405106	0.06066	348	348	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414089	5405906	0.05733	342.01	342.01	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414089	5405706	0.0577	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414089	5405506	0.05811	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414089	5405306	0.05867	346.91	346.91	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414089	5405106	0.05899	348	348	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413889	5405906	0.05566	342	342	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413889	5405706	0.05581	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413889	5405506	0.05625	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413889	5405306	0.0567	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413889	5405106	0.05703	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413689	5405906	0.05399	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413689	5405706	0.05405	342	342	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413689	5405506	0.0544	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413689	5405306	0.0547	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413689	5405106	0.05497	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413489	5405906	0.05253	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413489	5405706	0.05242	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413489	5405506	0.05265	342.87	342.87	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413489	5405306	0.05279	342	342	0	MONTH	EMRSS	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	413489	5405106	0.05304	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414289	5406106	0.0591	342	342	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414289	5406306	0.05909	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414289	5406506	0.05913	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414289	5406706	0.05922	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414289	5406906	0.0593	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414289	5407906	0.06404	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414289	5408106	0.06878	344	344	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	414289	5408306	0.07181	345	345	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	414289	5408506	0.07065	346	346	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	414289	5408706	0.07017	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414289	5408906	0.06917	348.63	348.63	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414289	5409106	0.06766	350	350	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414089	5406106	0.05726	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414089	5406306	0.0573	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414089	5406506	0.05746	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414089	5406706	0.05752	340.21	340.21	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414089	5406906	0.05753	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414089	5408106	0.06803	344	344	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	414089	5408306	0.07003	345	345	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	414089	5408506	0.06828	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414089	5408706	0.06798	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414089	5408906	0.06679	348	348	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	414089	5409106	0.06527	349	349	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413889	5406106	0.05566	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413889	5406306	0.05573	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413889	5406506	0.05598	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413889	5406706	0.05608	342	342	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413889	5406906	0.05609	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413889	5408106	0.06708	344	344	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	413889	5408306	0.06812	345	345	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	413889	5408506	0.06638	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413889	5408706	0.06585	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413889	5408906	0.06457	348	348	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413889	5409106	0.06309	349	349	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413689	5406106	0.05404	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413689	5406306	0.05422	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413689	5406506	0.05442	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413689	5406706	0.05457	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413689	5406906	0.05467	344.89	344.89	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413689	5407106	0.05483	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413689	5407306	0.05536	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413689	5407506	0.0565	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413689	5407706	0.05832	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413689	5407906	0.06235	343	343	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	413689	5408106	0.06595	344	344	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	413689	5408306	0.06609	345	345	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	413689	5408506	0.06461	346.97	346.97	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413689	5408706	0.0639	348	348	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413689	5408906	0.06248	348.18	348.18	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413689	5409106	0.06131	351.83	351.83	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413489	5406106	0.05262	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413489	5406306	0.05277	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413489	5406506	0.05278	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413489	5406706	0.05286	341.66	341.66	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413489	5406906	0.05312	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413489	5407106	0.05346	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413489	5407306	0.05424	348	348	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413489	5407506	0.05553	346.62	346.62	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413489	5407706	0.05739	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	413489	5407906	0.06209	344.06	344.06	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	413489	5408106	0.06465	344	344	0	MONTH	EMRSS	1ST	12/31/2000 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON)
PINEGEN	413489	5408306	0.06397	345	345	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	413489	5408506	0.06265	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	413489	5408706	0.06189	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	413489	5408906	0.06054	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	413489	5409106	0.05907	361.75	361.75	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	413489	5409606	0.05695	358	358	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	413489	5410106	0.05247	357	357	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	413489	5410606	0.04696	355	355	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	413489	5411106	0.04909	356	356	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	413489	5411606	0.0595	357	357	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	413489	5412106	0.0642	356	356	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	413989	5409606	0.06137	361	361	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	413989	5410106	0.0569	359	359	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	413989	5410606	0.05092	357	357	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	413989	5411106	0.05108	363.64	363.64	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	413989	5411606	0.06491	363	363	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	413989	5412106	0.06871	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5409606	0.06685	357.99	357.99	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5410106	0.06161	362.35	362.35	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5410606	0.05538	359	359	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5411106	0.05788	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5411606	0.07063	361	361	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5412106	0.07393	363	363	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414989	5409606	0.07232	352.32	352.32	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414989	5410106	0.06733	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414989	5410606	0.05944	361	361	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414989	5411106	0.061	364	364	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414989	5411606	0.07814	368	368	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414989	5412106	0.07899	366	366	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415489	5409606	0.07921	352	352	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415489	5410106	0.07345	355	355	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415489	5410606	0.06465	361.86	361.86	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415489	5411106	0.066	366.4	366.4	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415489	5411606	0.08607	370	370	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415489	5412106	0.08372	370	370	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415989	5409606	0.08747	353	353	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415989	5410106	0.0806	353.31	353.31	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415989	5410606	0.07234	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415989	5411106	0.07558	362	362	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415989	5411606	0.09259	360.33	360.33	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415989	5412106	0.08807	367.9	367.9	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416489	5409606	0.09681	352	352	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416489	5410106	0.08927	354	354	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416489	5410606	0.07983	353.47	353.47	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416489	5411106	0.08035	368.67	369	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416489	5411606	0.10152	359.36	359.36	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416489	5412106	0.09297	360.18	360.18	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416989	5409606	0.10734	349.41	349.41	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416989	5410106	0.09875	351	351	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416989	5410606	0.08794	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416989	5411106	0.09555	355.37	355.37	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416989	5411606	0.11258	361.02	361.02	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416989	5412106	0.09862	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5409606	0.1196	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5410106	0.10949	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5410606	0.09811	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5411106	0.10589	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5411606	0.12603	365.28	365.28	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5412106	0.10186	369.67	369.67	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417989	5409606	0.13392	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417989	5410106	0.12318	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417989	5410606	0.11017	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	417989	5411106	0.11969	349	349	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	417989	5411606	0.13669	357.92	357.92	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	417989	5412106	0.10874	366	366	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	418489	5409606	0.15148	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	418489	5410106	0.14025	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	418489	5410606	0.12507	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	418989	5409606	0.17379	348	348	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	418989	5410106	0.16309	349	349	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	418989	5410606	0.14521	351	351	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	419489	5409606	0.20007	351.16	351.16	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	419489	5410106	0.19402	355.27	355.27	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	419489	5410606	0.171	356	356	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	417989	5409106	0.13151	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	417989	5408606	0.11994	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	417989	5408106	0.1165	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	417989	5407606	0.11669	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	417989	5407106	0.11475	342	342	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	417989	5406606	0.09883	342	342	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	417989	5406106	0.07826	343.99	343.99	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	417989	5405606	0.07345	348	348	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	417989	5405106	0.07155	354	354	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	417989	5404606	0.06721	359.29	359.29	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	417989	5404106	0.06035	353.81	353.81	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	417989	5403606	0.05598	345	345	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	417989	5403106	0.05844	356.37	356.37	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	417989	5402606	0.06166	354	354	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	417989	5402106	0.06261	352.54	352.54	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	418489	5409106	0.14463	344.89	344.89	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	418489	5408606	0.13364	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	418489	5408106	0.131	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	418489	5407606	0.13108	342	342	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	418489	5407106	0.12054	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	418489	5406606	0.09193	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	418489	5406106	0.08369	346	346	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	418489	5405606	0.0795	343	343	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	418489	5405106	0.07483	345.29	345.29	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	418489	5404606	0.06805	349	349	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	418489	5404106	0.06487	356.33	356.33	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	418489	5403606	0.06523	345.46	345.46	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	418489	5403106	0.07011	358.05	358.05	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	418489	5402606	0.07078	363.83	370	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	418489	5402106	0.06395	358	358	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	418989	5409106	0.16096	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	418989	5408606	0.15132	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	418989	5408106	0.14929	342	342	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	418989	5407606	0.14422	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	418989	5407106	0.11834	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	418989	5406606	0.0975	347	347	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	418989	5406106	0.09194	347	347	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	418989	5405606	0.08681	350.74	350.74	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	418989	5405106	0.07774	347	347	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	418989	5404606	0.07398	352	352	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	418989	5404106	0.07637	355.19	355.19	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	418989	5403606	0.07955	358	358	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	418989	5403106	0.07669	356	356	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	418989	5402606	0.06795	357	357	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	418989	5402106	0.06247	361.55	371	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	419489	5409106	0.18093	348	348	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	419489	5408606	0.17408	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	419489	5408106	0.16936	342	342	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	419489	5407606	0.14887	343.15	343.15	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
PINEGEN	419489	5407106	0.11513	346	346	0	MONTH	EMRSS	1ST	1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON)
PINEGEN	419489	5405606	0.10726	348.32	348.32	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	419489	5405606	0.09148	354	354	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	419489	5405106	0.08532	349	349	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	419489	5404606	0.08779	351	351	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	419489	5404106	0.08991	354	354	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	419489	5403606	0.08412	355	355	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	419489	5403106	0.07307	355	355	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	419489	5402606	0.06906	355	355	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	419489	5402106	0.06248	355	355	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	419989	5409106	0.20848	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	419989	5406606	0.11799	348	348	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	419989	5405606	0.10204	357	357	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	419989	5405106	0.10276	351.23	351.23	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	419989	5404606	0.10102	348	348	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	419989	5404106	0.0913	351.63	351.63	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	419989	5403606	0.08268	352	352	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	419989	5403106	0.07598	353	353	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	419989	5402606	0.06715	356	356	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	419989	5402106	0.05849	358.53	358.53	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	420489	5409106	0.24418	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	420489	5408606	0.23375	345.95	345.95	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	420489	5408106	0.18863	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	420489	5405606	0.12292	356	356	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	420489	5405106	0.11727	354.81	354.81	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	420489	5404606	0.09959	349	349	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	420489	5404106	0.0949	358	358	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	420489	5403606	0.08404	360	360	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	420489	5403106	0.07243	357.19	357.19	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	420489	5402606	0.06377	357	357	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	420489	5402106	0.05906	360	360	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	417489	5404606	0.06395	360	360	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	417489	5404106	0.05886	349	349	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	417489	5403606	0.05328	350	350	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	417489	5403106	0.04972	345	345	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	417489	5402606	0.05111	349	349	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	417489	5402106	0.05488	355	355	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	416989	5404606	0.05885	356.24	356.24	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	416989	5404106	0.05646	347.17	347.17	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	416989	5403606	0.05237	346	346	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	416989	5403106	0.04737	346	346	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	416989	5402606	0.04511	345	345	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
PINEGEN	416989	5402106	0.04539	347	347	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	416489	5404606	0.05406	350.43	350.43	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	416489	5404106	0.05258	348	348	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	416489	5403606	0.051	348	348	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	416489	5403106	0.0472	347	347	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	416489	5402606	0.04259	345	345	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	416489	5402106	0.04126	346	346	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
PINEGEN	415989	5404606	0.05275	358.85	358.85	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	415989	5404106	0.0489	353.53	353.53	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	415989	5403606	0.04786	348.94	348.94	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	415989	5403106	0.0462	347	347	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	415989	5402606	0.04258	344.77	344.77	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	415989	5402106	0.03853	344	344	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	415489	5404606	0.05212	350.18	350.18	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	415489	5404106	0.04599	349.74	349.74	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	415489	5403606	0.04418	348	348	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	415489	5403106	0.04365	347	347	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	415489	5402606	0.04199	345	345	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	415489	5402106	0.03864	343	343	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	414989	5404606	0.05465	348.54	348.54	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414989	5404106	0.04647	349	349	0 MONTH	EMRSS	1ST		12/31/2000 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	414989	5403606	0.04143	347	347	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	414989	5403106	0.04034	345	345	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	414989	5402606	0.03995	344	344	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	414989	5402106	0.03829	342	342	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	414489	5404606	0.05718	349.15	349.15	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5404106	0.04625	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5403606	0.04131	347	347	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	414489	5403106	0.03756	342.37	342.37	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	414489	5402606	0.03707	342	342	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	414489	5402106	0.03671	341	341	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	413989	5404606	0.05686	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	413989	5404106	0.0499	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	413989	5403606	0.04118	346.63	346.63	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	413989	5403106	0.03638	341	341	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	413989	5402606	0.03444	340	340	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	413989	5402106	0.03442	343	343	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	413489	5404606	0.05334	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	413489	5404106	0.05094	347.02	347.02	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	413489	5403606	0.04269	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	413489	5403106	0.03694	340	340	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	413489	5402606	0.03285	341	341	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	413489	5402106	0.03208	344.46	344.46	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	412989	5404606	0.04977	339	339	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412989	5404106	0.04926	339	339	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412989	5403606	0.04455	338.18	338.18	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412989	5403106	0.03635	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412989	5402606	0.03379	344	344	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	412989	5402106	0.03041	346	346	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	412489	5404606	0.04608	338	338	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412489	5404106	0.04684	338.86	338.86	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412489	5403606	0.04526	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412489	5403106	0.03959	343.96	343.96	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412489	5402606	0.03382	348	348	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	412489	5402106	0.03078	348	348	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	411989	5404606	0.04291	339	339	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411989	5404106	0.04365	337	337	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411989	5403606	0.04386	339	339	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411989	5403106	0.04102	342.3	342.3	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411989	5402606	0.03484	351	351	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411989	5402106	0.03118	349	349	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	411489	5404606	0.04022	340.02	340.02	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411489	5404106	0.04046	335	335	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411489	5403606	0.04158	339	339	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411489	5403106	0.04095	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411489	5402606	0.03696	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411489	5402106	0.03042	348	348	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	410989	5404606	0.0379	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410989	5404106	0.03782	336	336	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410989	5403606	0.0389	339	339	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410989	5403106	0.03954	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410989	5402606	0.03777	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410989	5402106	0.03261	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410489	5404606	0.03601	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410489	5404106	0.03544	335	335	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410489	5403606	0.03618	337.41	337.41	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410489	5403106	0.03759	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410489	5402606	0.03732	348.05	348.05	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410489	5402106	0.03428	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412989	5405106	0.04899	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412989	5405606	0.04875	339	339	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412989	5406106	0.04955	342.28	342.28	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412989	5406606	0.04992	348.53	367	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	412989	5407106	0.05066	353	353	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412989	5407606	0.05477	348	348	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	412989	5408106	0.06111	346	346	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	412989	5408606	0.05783	347.82	347.82	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412989	5409106	0.0553	359	359	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412989	5409606	0.05279	361	361	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412989	5410106	0.04872	359	359	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412989	5410606	0.04355	355	355	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412989	5411106	0.04526	354	354	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412989	5411606	0.05487	356	356	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412989	5412106	0.0605	359	359	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412489	5405106	0.04563	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412489	5405606	0.04602	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412489	5406106	0.04667	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412489	5406606	0.04656	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412489	5407106	0.0477	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412489	5407606	0.05462	348	348	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	412489	5408106	0.05693	348	348	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	412489	5408606	0.05376	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412489	5409106	0.05112	355	355	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412489	5409606	0.04925	358.02	358.02	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412489	5410106	0.04518	356.55	356.55	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412489	5410606	0.04037	352	352	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412489	5411106	0.04193	354	354	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412489	5411606	0.0509	358.99	358.99	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412489	5412106	0.05704	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411989	5405106	0.04299	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411989	5405606	0.04349	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411989	5406106	0.04358	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411989	5406606	0.04339	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411989	5407106	0.04547	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411989	5407606	0.05348	347	347	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	411989	5408106	0.0523	349	349	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	411989	5408606	0.04995	351.14	351.14	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411989	5409106	0.04763	355	355	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411989	5409606	0.04566	351	351	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411989	5410106	0.04183	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411989	5410606	0.03757	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411989	5411106	0.03906	356	356	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411989	5411606	0.04712	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411989	5412106	0.05342	358.84	358.84	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411489	5405106	0.04061	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411489	5405606	0.04119	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411489	5406106	0.04105	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411489	5406606	0.04115	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411489	5407106	0.04389	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411489	5407606	0.05176	348	348	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	411489	5408106	0.04889	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411489	5408606	0.04647	352	352	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411489	5409106	0.04428	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411489	5409606	0.04273	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411489	5410106	0.0391	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411489	5410606	0.03509	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411489	5411106	0.03633	353.73	353.73	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411489	5411606	0.04382	358	358	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411489	5412106	0.05006	355	355	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410989	5405106	0.03851	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410989	5405606	0.03884	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410989	5406106	0.03853	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410989	5406606	0.03915	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410989	5407106	0.04425	349	349	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	410989	5407606	0.0495	350	350	0 MONTH	EMRSS	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	410989	5408106	0.04586	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410989	5408606	0.04327	351	351	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410989	5409106	0.04146	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410989	5409606	0.04013	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410989	5410106	0.03664	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410989	5410606	0.03285	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410989	5411106	0.03391	353	353	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410989	5411606	0.04067	354	354	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410989	5412106	0.04686	350.65	350.65	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410489	5405106	0.03657	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410489	5405606	0.0366	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410489	5406106	0.03625	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410489	5406606	0.03754	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410489	5407106	0.04413	348	348	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	410489	5407606	0.04656	349	349	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	410489	5408106	0.04292	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410489	5408606	0.0403	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410489	5409106	0.03893	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410489	5409606	0.03757	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410489	5410106	0.03427	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410489	5410606	0.03089	347.45	347.45	0 MONTH	EMRSS	1ST		9/30/1996 24 hr
PINEGEN	410489	5411106	0.03168	349.99	349.99	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410489	5411606	0.03752	344.49	344.49	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410489	5412106	0.04402	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410489	5413106	0.03805	353.38	353.38	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410489	5414106	0.02693	361.45	361.45	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	410489	5415106	0.02964	361	361	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	410489	5416106	0.03327	366	366	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	410489	5417106	0.02987	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	411489	5413106	0.03997	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411489	5414106	0.02918	357	357	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	411489	5415106	0.03491	354.84	354.84	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	411489	5416106	0.03725	358	358	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	411489	5417106	0.02821	365	365	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	412489	5413106	0.04243	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	412489	5414106	0.03489	358.08	358.08	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	412489	5415106	0.04074	348.91	348.91	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	412489	5416106	0.03867	350	350	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	412489	5417106	0.02717	354	354	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	413489	5413106	0.04529	359.42	359.42	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	413489	5414106	0.04146	365.93	365.93	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	413489	5415106	0.04791	354.21	354.21	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	413489	5416106	0.03761	350	350	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	413489	5417106	0.03262	352	352	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5413106	0.04649	370	370	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5414106	0.05049	368.83	368.83	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	414489	5415106	0.05364	365.71	365.71	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	414489	5416106	0.03635	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	414489	5417106	0.04331	351	351	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415489	5413106	0.05125	369.94	369.94	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415489	5414106	0.06016	379	379	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	415489	5415106	0.0527	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	415489	5416106	0.04553	362.74	362.74	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	415489	5417106	0.05758	355.43	355.43	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416489	5413106	0.06491	364	364	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	416489	5414106	0.06986	388.13	388.13	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	416489	5415106	0.05067	368	368	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416489	5416106	0.06496	361	361	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	416489	5417106	0.06947	361.66	361.66	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5413106	0.08595	364.93	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	417489	5414106	0.08076	367	367	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	417489	5415106	0.06594	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	417489	5416106	0.08478	369	369	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	417489	5417106	0.07697	369.28	369.28	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	418489	5414106	0.07957	369	369	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	418489	5415106	0.10197	379.99	379.99	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	418489	5416106	0.09893	372	372	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	418489	5417106	0.08035	364.25	364.25	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	419489	5413106	0.12855	379.3	379.3	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	419489	5414106	0.12186	372	372	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	419489	5415106	0.12702	380.64	380.64	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	419489	5416106	0.09541	388	388	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	419489	5417106	0.09884	377.72	377.72	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
PINEGEN	420489	5414106	0.1778	379.98	379.98	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	420489	5415106	0.13869	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	420489	5416106	0.12814	388.43	388.43	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
PINEGEN	420489	5417106	0.09302	391.83	391.83	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
PINEGEN	421489	5415106	0.1869	380.87	380.87	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
PINEGEN	421489	5416106	0.1176	390.79	398	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
PINEGEN	421489	5417106	0.09741	391.78	391.78	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
PINEGEN	422489	5415106	0.17511	387.48	387.48	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
PINEGEN	422489	5416106	0.15045	392	392	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
PINEGEN	422489	5417106	0.13333	400.18	400.18	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
PINEGEN	423489	5415106	0.23559	394.52	394.52	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
PINEGEN	423489	5416106	0.1693	394	394	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
PINEGEN	423489	5417106	0.1327	389	389	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
PINEGEN	424489	5415106	0.24493	393.34	393.34	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
PINEGEN	424489	5416106	0.21227	384	384	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
PINEGEN	424489	5417106	0.1779	377	377	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
PINEGEN	425489	5415106	0.35585	378	378	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
PINEGEN	425489	5416106	0.28159	377.78	377.78	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
PINEGEN	425489	5417106	0.22554	377.38	377.38	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
PINEGEN	421489	5408106	0.22116	351	351	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	421489	5407106	0.18616	358	358	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	421489	5404106	0.09384	359	359	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	421489	5403106	0.08975	364	364	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	421489	5402106	0.08922	365	365	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	421489	5401106	0.07964	369.45	369.45	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	421489	5400106	0.06879	362	362	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	421489	5399106	0.05975	359	359	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	421489	5398106	0.05005	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	421489	5397106	0.04519	365	365	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	422489	5408106	0.31488	356	356	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	422489	5407106	0.23696	358.1	358.1	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	422489	5406106	0.17163	360	360	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	422489	5405106	0.15719	360	360	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	422489	5404106	0.14077	357	357	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	422489	5403106	0.11237	374.96	374.96	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	422489	5402106	0.09189	372	372	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	422489	5401106	0.07809	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	422489	5400106	0.06893	368.12	368.12	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	422489	5399106	0.06243	363.71	363.71	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	422489	5398106	0.05638	369	369	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	422489	5397106	0.05155	366.36	366.36	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	423489	5408106	0.42191	354	354	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	423489	5406106	0.25526	361	361	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	423489	5405106	0.19325	359	359	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	423489	5404106	0.15311	358	358	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	423489	5403106	0.12346	376	376	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	423489	5402106	0.106	376	376	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	423489	5401106	0.09095	378	378	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	423489	5400106	0.0788	375.48	375.48	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	423489	5399106	0.06826	367	367	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	423489	5398106	0.05932	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	423489	5397106	0.05152	362.4	362.4	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	424489	5406106	0.2576	369.19	369.19	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	424489	5405106	0.18549	368.07	368.07	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	424489	5404106	0.14123	361.08	366	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	424489	5403106	0.10437	377.23	377.23	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	424489	5402106	0.08297	378	378	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	424489	5401106	0.06826	376	376	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	424489	5400106	0.05744	373.06	373.06	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	424489	5399106	0.04916	370	370	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	424489	5398106	0.04303	365	365	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	424489	5397106	0.03859	357	357	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	425489	5407106	0.2236	366.67	366.67	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	425489	5406106	0.15197	378.68	378.68	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	425489	5405106	0.1287	362	362	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	425489	5404106	0.09903	370	370	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	425489	5403106	0.08124	370	370	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	425489	5402106	0.06588	377.99	377.99	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	425489	5401106	0.05689	375	375	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	425489	5400106	0.05005	370	370	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	425489	5399106	0.04402	368	368	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	425489	5398106	0.04053	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	425489	5397106	0.03602	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	420489	5401106	0.05834	364	364	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	420489	5400106	0.06065	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	420489	5399106	0.05783	357	357	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	420489	5398106	0.05244	361	361	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	420489	5397106	0.04665	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	419489	5401106	0.04813	358	358	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	419489	5400106	0.04035	361.28	361.28	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	419489	5399106	0.04184	355	355	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	419489	5398106	0.04386	359.29	359.29	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	419489	5397106	0.04415	370.8	370.8	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	418489	5401106	0.05358	362.6	362.6	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	418489	5400106	0.04342	363	363	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	418489	5399106	0.0342	354	354	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	418489	5398106	0.03043	354.91	354.91	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	418489	5397106	0.03046	364.03	364.03	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	417489	5401106	0.05486	351	351	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	417489	5400106	0.04441	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	417489	5399106	0.03937	350	350	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	417489	5398106	0.03167	349	349	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	417489	5397106	0.0257	354	354	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	416489	5401106	0.04348	348.07	348.07	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	416489	5400106	0.0472	354.16	354.16	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	416489	5399106	0.03995	347	347	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	416489	5398106	0.03477	350	350	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	416489	5397106	0.03	351	351	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	415489	5401106	0.03498	347	347	0	MONTH	EMRSS	1ST	4/30/1996 24 hr
PINEGEN	415489	5400106	0.03541	347	347	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	415489	5399106	0.03973	348	348	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	415489	5398106	0.03691	346	346	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	415489	5397106	0.03005	349.43	349.43	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
PINEGEN	414489	5401106	0.03251	344.99	344.99	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	414489	5400106	0.03006	345	345	0	MONTH	EMRSS	1ST	4/30/1996 24 hr
PINEGEN	414489	5399106	0.02944	348.68	348.68	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	414489	5398106	0.03384	350	350	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	414489	5397106	0.03367	348	348	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	413489	5401106	0.03189	350	350	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	413489	5400106	0.0278	348.95	348.95	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
PINEGEN	413489	5399106	0.02616	342	342	0	MONTH	EMRSS	1ST	4/30/1996 24 hr
PINEGEN	413489	5398106	0.0253	343	343	0	MONTH	EMRSS	1ST	4/30/1996 24 hr
PINEGEN	413489	5397106	0.02865	346	346	0	MONTH	EMRSS	1ST	1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	412489	5401106	0.028	345.75	345.75	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	412489	5400106	0.02762	347	347	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	412489	5399106	0.024	350	350	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	412489	5398106	0.02297	336.36	336.36	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
PINEGEN	412489	5397106	0.02273	352	352	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
PINEGEN	411489	5401106	0.025	341.01	341.01	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	411489	5400106	0.02464	340	340	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	411489	5399106	0.02404	339.84	339.84	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	411489	5398106	0.0207	338	338	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	411489	5397106	0.02052	337	337	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
PINEGEN	410489	5401106	0.02585	336	336	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	410489	5400106	0.02163	333	333	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	410489	5399106	0.02188	333	333	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	410489	5398106	0.0211	333	333	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	410489	5397106	0.01821	336	336	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	409489	5401106	0.02674	331.92	331.92	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	409489	5400106	0.02208	332	332	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	409489	5399106	0.01921	330	330	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	409489	5398106	0.01968	331	331	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	409489	5397106	0.01877	332	332	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	408489	5401106	0.02916	339	339	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	408489	5400106	0.02161	332.35	332.35	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	408489	5399106	0.01892	336	336	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	408489	5398106	0.0174	330	330	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	408489	5397106	0.01787	332	332	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	407489	5401106	0.02782	335.77	335.77	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	407489	5400106	0.02447	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	407489	5399106	0.0196	341.44	341.44	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	407489	5398106	0.01587	330	330	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	407489	5397106	0.01592	330	330	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	406489	5401106	0.02508	338	338	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	406489	5400106	0.02516	338	338	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	406489	5399106	0.01973	334	334	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	406489	5398106	0.01709	330	330	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	406489	5397106	0.01431	330	330	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
PINEGEN	405489	5401106	0.02234	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	405489	5400106	0.02367	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	405489	5399106	0.02174	332	332	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	405489	5398106	0.01659	330	330	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	405489	5397106	0.015	330	330	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	409489	5402106	0.03332	336	336	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	409489	5403106	0.03233	335	335	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	409489	5404106	0.03199	336.7	336.7	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	409489	5405106	0.03289	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	409489	5406106	0.03272	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	409489	5407106	0.0421	344.53	344.53	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	409489	5408106	0.03729	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	409489	5409106	0.03464	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	409489	5410106	0.03016	340.89	340.89	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	409489	5411106	0.02792	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	409489	5412106	0.03933	355.12	355.12	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	409489	5413106	0.03624	359.32	359.32	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	409489	5414106	0.02562	355	355	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	409489	5415106	0.02546	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	409489	5416106	0.029	361.39	361.39	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	409489	5417106	0.02957	361.64	361.64	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	408489	5402106	0.02981	330	330	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	408489	5403106	0.02857	333	333	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	408489	5404106	0.02923	335	335	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	408489	5405106	0.02935	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	408489	5406106	0.03031	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	408489	5407106	0.03845	342	342	0 MONTH	EMRSS	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	408489	5408106	0.03276	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	408489	5409106	0.03113	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	408489	5410106	0.02702	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	408489	5411106	0.02474	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	408489	5412106	0.03498	354.96	354.96	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	408489	5413106	0.03419	354	354	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	408489	5414106	0.0244	357	357	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	408489	5415106	0.02192	358	358	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	408489	5416106	0.02547	359.51	359.51	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	408489	5417106	0.02714	349	349	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	407489	5402106	0.02635	331	331	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	407489	5403106	0.02585	330	330	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	407489	5404106	0.02672	332	332	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	407489	5405106	0.02613	334	334	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	407489	5406106	0.02994	334	334	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	407489	5407106	0.03397	341	341	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	407489	5408106	0.02924	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	407489	5409106	0.02838	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	407489	5410106	0.02441	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	407489	5411106	0.02245	351	351	0 MONTH	EMRSS	1ST		9/30/1996 24 hr
PINEGEN	407489	5412106	0.03129	358	358	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	407489	5413106	0.03242	359.74	359.74	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	407489	5414106	0.02229	368	368	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	407489	5415106	0.019	358.6	358.6	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	407489	5416106	0.02191	366	366	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	407489	5417106	0.02431	346	346	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	406489	5402106	0.02382	338	338	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	406489	5403106	0.024	331	331	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	406489	5404106	0.0244	332.01	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	406489	5405106	0.02398	338	338	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	406489	5406106	0.03069	341	341	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	406489	5407106	0.02954	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	406489	5408106	0.02643	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	406489	5409106	0.02597	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	406489	5410106	0.02218	356	356	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	406489	5411106	0.02094	361	361	0 MONTH	EMRSS	1ST		9/30/1996 24 hr
PINEGEN	406489	5412106	0.02807	364	364	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	406489	5413106	0.03072	361	361	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	406489	5414106	0.02256	358.62	358.62	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	406489	5415106	0.01768	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	406489	5416106	0.01945	350	350	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	406489	5417106	0.02142	342	342	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	405489	5402106	0.02185	339	339	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	405489	5403106	0.02249	334	334	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	405489	5404106	0.0222	334	334	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	405489	5405106	0.0224	338.46	338.46	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	405489	5406106	0.02993	341	341	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
PINEGEN	405489	5407106	0.02654	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	405489	5408106	0.02395	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	405489	5409106	0.02366	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	405489	5410106	0.02009	353	353	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	405489	5411106	0.01956	362.66	362.66	0 MONTH	EMRSS	1ST		9/30/1996 24 hr
PINEGEN	405489	5412106	0.02506	366	366	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	405489	5413106	0.02871	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	405489	5414106	0.02176	351.67	351.67	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	405489	5415106	0.01677	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
PINEGEN	405489	5416106	0.01713	349	349	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
PINEGEN	405489	5417106	0.01908	343	343	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	420878	5414263	0.19207	376	376	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420878	5414283	0.19093	376	376	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420878	5414303	0.18977	376	376	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420878	5414323	0.18885	375.78	375.78	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420878	5414343	0.18819	375.31	375.31	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420878	5414363	0.18732	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420878	5414383	0.18609	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420878	5414403	0.18485	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420878	5414423	0.18361	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420878	5414443	0.18235	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420898	5414263	0.19253	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420898	5414283	0.19136	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420898	5414303	0.19017	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420898	5414323	0.1898	375.29	375.29	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420898	5414343	0.1889	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420898	5414363	0.18766	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420898	5414383	0.18641	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420898	5414403	0.18514	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420898	5414423	0.18388	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420898	5414443	0.18261	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420918	5414263	0.19313	375.87	375.87	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420918	5414283	0.19293	375.03	375.03	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420918	5414303	0.19168	375.05	375.05	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420918	5414323	0.19047	375.02	375.02	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420918	5414343	0.18924	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420918	5414363	0.18798	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420918	5414383	0.1867	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420918	5414403	0.18543	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420918	5414423	0.18414	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420918	5414443	0.18286	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420938	5414263	0.1946	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420938	5414283	0.19336	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420938	5414303	0.19211	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420938	5414323	0.19084	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420938	5414343	0.18957	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420938	5414363	0.18828	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420938	5414383	0.187	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420938	5414403	0.18569	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420938	5414423	0.1844	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420938	5414443	0.1831	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420958	5414263	0.19502	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420958	5414283	0.19375	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420958	5414303	0.19247	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420958	5414323	0.19118	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420958	5414343	0.18988	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420958	5414363	0.18858	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420958	5414383	0.18727	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420958	5414403	0.18596	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420958	5414423	0.18464	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420958	5414443	0.18333	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420978	5414263	0.19541	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420978	5414283	0.19412	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420978	5414303	0.19282	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420978	5414323	0.1915	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420978	5414343	0.19019	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420978	5414363	0.18886	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420978	5414383	0.18754	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420978	5414403	0.1862	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420978	5414423	0.18488	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420978	5414443	0.18354	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420998	5414263	0.19606	374.77	374.77	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420998	5414283	0.1947	374.8	374.8	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420998	5414303	0.19317	374.98	374.98	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420998	5414323	0.19181	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420998	5414343	0.19047	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420998	5414363	0.18914	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr



Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420998	5414383	0.18778	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420998	5414403	0.18645	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420998	5414423	0.1851	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420998	5414443	0.18376	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421018	5414263	0.1973	374	374	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421018	5414283	0.19593	374.03	374.03	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421018	5414303	0.19409	374.46	374.46	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421018	5414323	0.19223	374.9	374.9	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421018	5414343	0.19076	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421018	5414363	0.18939	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421018	5414383	0.18804	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421018	5414403	0.18667	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421018	5414423	0.18532	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421018	5414443	0.18397	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421038	5414263	0.19747	374.17	374.17	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421038	5414283	0.19535	374.82	374.82	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421038	5414303	0.19399	374.81	374.81	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421038	5414323	0.19244	374.96	374.96	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421038	5414343	0.19102	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421038	5414363	0.18965	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421038	5414383	0.18827	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421038	5414403	0.1869	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421038	5414423	0.18553	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421038	5414443	0.18417	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421058	5414263	0.19683	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421058	5414283	0.19545	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421058	5414303	0.19406	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421058	5414323	0.19267	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421058	5414343	0.19128	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421058	5414363	0.18988	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421058	5414383	0.1885	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421058	5414403	0.1871	375.01	375.01	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421058	5414423	0.18573	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421058	5414443	0.18436	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421078	5414263	0.19715	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421078	5414283	0.19574	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421078	5414303	0.19434	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421078	5414323	0.19293	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421078	5414343	0.19122	375.26	375.26	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421078	5414363	0.18969	375.37	375.37	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421078	5414383	0.18831	375.35	375.35	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421078	5414403	0.18674	375.51	375.51	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421078	5414423	0.1848	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421078	5414443	0.18344	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421098	5414263	0.19722	375.19	375.19	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421098	5414283	0.19511	375.75	375.75	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421098	5414303	0.19372	375.73	375.73	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421098	5414323	0.19233	375.71	375.71	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421098	5414343	0.19068	375.91	375.91	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421098	5414363	0.18916	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421098	5414383	0.18777	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421098	5414403	0.18638	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421098	5414423	0.185	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421098	5414443	0.18363	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421118	5414263	0.1965	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421118	5414283	0.19506	376.01	376.01	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421118	5414303	0.19359	376.04	376.04	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421118	5414323	0.19219	376.02	376.02	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421118	5414343	0.19078	376.01	376.01	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421118	5414363	0.18938	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421118	5414383	0.18747	376.42	376.42	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421118	5414403	0.18544	376.95	376.95	0	MONTH	EMRSS	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON)
TMA	421118	5414423	0.18409	376.93	376.93	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421118	5414443	0.18275	376.91	376.91	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421138	5414263	0.19627	376.39	376.39	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421138	5414283	0.19475	376.45	376.45	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421138	5414303	0.1926	377	377	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421138	5414323	0.19118	377	377	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421138	5414343	0.18976	377	377	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421138	5414363	0.18836	377	377	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421138	5414383	0.18681	377.12	377.12	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421138	5414403	0.18525	377.26	377.26	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421138	5414423	0.1839	377.24	377.24	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421138	5414443	0.18256	377.22	377.22	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421158	5414263	0.19572	377	377	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421158	5414283	0.19428	377	377	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421158	5414303	0.19284	377	377	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421158	5414323	0.19066	377.56	377.56	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421158	5414343	0.18917	377.62	377.62	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421158	5414363	0.18778	377.61	377.61	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421158	5414383	0.18617	377.78	377.78	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421158	5414403	0.1845	378	378	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421158	5414423	0.18313	378	378	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421158	5414443	0.18179	378	378	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421178	5414263	0.19556	377.3	377.3	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421178	5414283	0.19316	377.99	377.99	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421178	5414303	0.19176	377.97	377.97	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421178	5414323	0.19031	377.99	377.99	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421178	5414343	0.18887	378	378	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421178	5414363	0.18747	378	378	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421178	5414383	0.18552	378.42	378.42	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421178	5414403	0.18354	378.88	378.88	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421178	5414423	0.18222	378.86	378.86	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421178	5414443	0.18088	378.84	378.84	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421198	5414263	0.19483	378	378	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421198	5414283	0.19338	378	378	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421198	5414303	0.19193	378.01	378.01	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421198	5414323	0.19019	378.23	378.23	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421198	5414343	0.18796	378.82	378.82	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421198	5414363	0.18631	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421198	5414383	0.18494	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421198	5414403	0.18349	379.06	379.06	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421198	5414423	0.18198	379.17	379.17	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421198	5414443	0.18068	379.15	379.15	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421218	5414263	0.19479	378.2	378.2	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421218	5414283	0.19274	378.61	378.61	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421218	5414303	0.19132	378.6	378.6	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421218	5414323	0.18938	378.96	378.96	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421218	5414343	0.18791	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421218	5414363	0.18651	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421218	5414383	0.18479	379.25	379.25	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421218	5414403	0.18284	379.68	379.68	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421218	5414423	0.18109	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421218	5414443	0.17974	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421238	5414263	0.19391	378.96	378.96	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421238	5414283	0.1924	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421238	5414303	0.19096	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421238	5414323	0.18953	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421238	5414343	0.18811	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421238	5414363	0.18597	379.54	379.54	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421238	5414383	0.18409	379.91	379.91	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421238	5414403	0.18261	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421238	5414423	0.18102	380.18	380.18	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421238	5414443	0.17904	380.69	380.69	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source G	Rank	Net ID	Date (DATE(CON
TMA	421258	5414263	0.19408	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421258	5414283	0.19255	379.05	379.05	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421258	5414303	0.1908	379.26	379.26	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421258	5414323	0.18841	379.94	379.94	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421258	5414343	0.18692	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421258	5414363	0.18553	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421258	5414383	0.18406	380.07	380.07	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421258	5414403	0.18218	380.45	380.45	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421258	5414423	0.18012	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421258	5414443	0.1788	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421278	5414263	0.1943	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421278	5414283	0.19253	379.21	379.21	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421278	5414303	0.18995	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421278	5414323	0.18852	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421278	5414343	0.18712	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421278	5414363	0.1853	380.31	380.31	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421278	5414383	0.18333	380.74	380.74	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421278	5414403	0.18163	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421278	5414423	0.18015	381.1	381.1	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421278	5414443	0.17851	381.34	381.34	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421298	5414263	0.19406	379.31	379.31	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421298	5414283	0.19177	379.88	379.88	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421298	5414303	0.19015	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421298	5414323	0.18872	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421298	5414343	0.1873	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421298	5414363	0.18497	380.68	380.68	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421298	5414383	0.18316	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421298	5414403	0.18139	381.3	381.3	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421298	5414423	0.17939	381.79	381.79	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421298	5414443	0.17785	381.96	381.96	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421318	5414263	0.19417	379.38	379.38	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421318	5414283	0.1918	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421318	5414303	0.19035	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421318	5414323	0.18891	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421318	5414343	0.18633	380.83	380.83	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421318	5414363	0.1847	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421318	5414383	0.18256	381.56	381.56	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421318	5414403	0.18057	382.02	382.02	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421318	5414423	0.17924	382.02	382.02	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421318	5414443	0.17793	382	382	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421338	5414263	0.19436	379.39	379.39	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421338	5414283	0.192	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421338	5414303	0.19053	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421338	5414323	0.18909	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421338	5414343	0.18649	380.84	380.84	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421338	5414363	0.1845	381.27	381.27	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421338	5414383	0.18248	381.73	381.73	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421338	5414403	0.18017	382.43	382.43	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421338	5414423	0.17804	383	383	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421338	5414443	0.17673	383	383	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421358	5414263	0.19455	379.4	379.4	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421358	5414283	0.19218	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421358	5414303	0.19058	380.1	380.1	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421358	5414323	0.18824	380.73	380.73	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421358	5414343	0.18649	380.96	380.96	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421358	5414363	0.18403	381.72	381.72	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421358	5414383	0.18172	382.39	382.39	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421358	5414403	0.17977	382.81	382.81	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421358	5414423	0.1779	383.2	383.2	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421358	5414443	0.17598	383.62	383.62	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421378	5414263	0.19471	379.41	379.41	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421378	5414283	0.19237	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON)
TMA	421378	5414303	0.19088	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421378	5414323	0.18941	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421378	5414343	0.18677	380.87	380.87	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421378	5414363	0.18416	381.73	381.73	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421378	5414383	0.18157	382.59	382.59	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421378	5414403	0.17902	383.44	383.44	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421378	5414423	0.17692	383.97	383.97	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421378	5414443	0.17556	384	384	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421398	5414263	0.19513	379.25	379.25	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421398	5414283	0.19292	379.72	379.72	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421398	5414303	0.19104	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421398	5414323	0.18954	380.01	380.01	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421398	5414343	0.18688	380.88	380.88	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421398	5414363	0.18428	381.74	381.74	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421398	5414383	0.18167	382.61	382.61	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421398	5414403	0.1789	383.6	383.6	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421398	5414423	0.17627	384.5	384.5	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421398	5414443	0.17415	385.05	385.05	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421418	5414263	0.19563	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421418	5414283	0.19368	379.3	379.3	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421418	5414303	0.19118	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421418	5414323	0.18964	380.03	380.03	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421418	5414343	0.187	380.89	380.89	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421418	5414363	0.18437	381.75	381.75	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421418	5414383	0.18123	382.99	382.99	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421418	5414403	0.17804	384.27	384.27	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421418	5414423	0.17533	385.2	385.2	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421418	5414443	0.17336	385.64	385.64	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421438	5414263	0.19514	379.46	379.46	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421438	5414283	0.19283	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421438	5414303	0.19131	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421438	5414323	0.18973	380.04	380.04	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421438	5414343	0.18707	380.9	380.9	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421438	5414363	0.18346	382.48	382.48	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421438	5414383	0.18047	383.6	383.6	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421438	5414403	0.17715	384.93	384.93	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421438	5414423	0.17386	386.23	386.23	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421438	5414443	0.17159	386.86	386.86	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421458	5414263	0.1945	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421458	5414283	0.19296	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421458	5414303	0.19115	380.19	380.19	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421458	5414323	0.18846	381.05	381.05	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421458	5414343	0.18579	381.91	381.91	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421458	5414363	0.18285	382.97	382.97	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421458	5414383	0.17942	384.36	384.36	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421458	5414403	0.17619	385.61	385.61	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421458	5414423	0.17342	386.55	386.55	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421458	5414443	0.17077	387.4	387.4	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421478	5414263	0.19463	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421478	5414283	0.19277	380.21	380.21	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421478	5414303	0.19039	380.81	380.81	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421478	5414323	0.18772	381.65	381.65	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421478	5414343	0.18503	382.5	382.5	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421478	5414363	0.18186	383.7	383.7	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421478	5414383	0.17853	385	385	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421478	5414403	0.17521	386.28	386.28	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421478	5414423	0.17215	387.38	387.38	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421478	5414443	0.16946	388.24	388.24	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421498	5414263	0.19339	380.95	380.95	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421498	5414283	0.19136	381.28	381.28	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421498	5414303	0.18891	381.93	381.93	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421498	5414323	0.18709	382.14	382.14	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421498	5414343	0.18326	383.76	384	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421498	5414363	0.18049	384.66	384.66	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421498	5414383	0.17763	385.61	385.61	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421498	5414403	0.17416	386.96	386.96	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421498	5414423	0.17084	388.2	388.2	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421498	5414443	0.16814	389.04	389.04	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421518	5414263	0.19269	381.5	381.5	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421518	5414283	0.19029	382.09	382.09	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421518	5414303	0.18822	382.45	382.45	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421518	5414323	0.18548	383.29	383.29	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421518	5414343	0.18274	384.14	384.14	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421518	5414363	0.18001	384.98	384.98	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421518	5414383	0.17641	386.4	386.4	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421518	5414403	0.17322	387.54	387.54	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421518	5414423	0.17046	388.4	388.4	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421518	5414443	0.16768	389.27	389.27	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421538	5414263	0.19235	381.79	381.79	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421538	5414283	0.18993	382.37	382.37	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421538	5414303	0.18711	383.24	383.24	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421538	5414323	0.18431	384.1	384.1	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421538	5414343	0.18151	384.96	384.96	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421538	5414363	0.1787	385.83	385.83	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421538	5414383	0.17592	386.69	386.69	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421538	5414403	0.17312	387.55	387.55	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421538	5414423	0.17032	388.42	388.42	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421538	5414443	0.1677	389.17	389.17	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421558	5414263	0.19141	382.46	382.46	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421558	5414283	0.18917	382.91	382.91	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421558	5414303	0.1871	383.25	383.25	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421558	5414323	0.18427	384.11	384.11	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421558	5414343	0.18144	384.98	384.98	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421558	5414363	0.17862	385.84	385.84	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421558	5414383	0.1758	386.7	386.7	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421558	5414403	0.17297	387.57	387.57	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421558	5414423	0.17062	388.12	388.12	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421558	5414443	0.16853	388.5	388.5	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421578	5414263	0.19134	382.53	382.53	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421578	5414283	0.18844	383.4	383.4	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421578	5414303	0.18596	384	384	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421578	5414323	0.1842	384.12	384.12	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421578	5414343	0.18134	384.99	384.99	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421578	5414363	0.17849	385.85	385.85	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421578	5414383	0.17572	386.66	386.66	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421578	5414403	0.17368	386.98	386.98	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421578	5414423	0.17146	387.42	387.42	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421578	5414443	0.16906	387.98	387.98	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421598	5414263	0.19129	382.55	382.55	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421598	5414283	0.18839	383.41	383.41	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421598	5414303	0.1859	384	384	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421598	5414323	0.18407	384.14	384.14	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421598	5414343	0.18119	385	385	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421598	5414363	0.17884	385.51	385.51	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421598	5414383	0.17666	385.89	385.89	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421598	5414403	0.17434	386.37	386.37	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421598	5414423	0.17231	386.65	386.65	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421598	5414443	0.17314	386.77	386.77	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421618	5414263	0.19123	382.56	382.56	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421618	5414283	0.1883	383.42	383.42	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421618	5414303	0.18579	384	384	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421618	5414323	0.18391	384.15	384.15	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421618	5414343	0.18102	385	385	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421618	5414363	0.17935	385	385	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421618	5414383	0.17735	385.23	385.23	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421618	5414403	0.17528	385.73	385.73	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421618	5414423	0.17617	386	386	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421618	5414443	0.17731	386.12	386.12	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421638	5414263	0.19111	382.57	382.57	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421638	5414283	0.18878	383	383	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421638	5414303	0.18664	383.3	383.3	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421638	5414323	0.18393	384	384	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421638	5414343	0.18218	384.02	384.02	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421638	5414363	0.17926	384.87	384.87	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421638	5414383	0.17824	385	385	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421638	5414403	0.17961	385.01	385.01	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421638	5414423	0.18092	385.03	385.03	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421638	5414443	0.18222	385.05	385.05	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421658	5414263	0.19096	382.58	382.58	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421658	5414283	0.1886	383	383	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421658	5414303	0.18658	383.19	383.19	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421658	5414323	0.18409	383.7	383.7	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421658	5414343	0.1819	384	384	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421658	5414363	0.18171	384	384	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421658	5414383	0.18309	384	384	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421658	5414403	0.18442	384	384	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421658	5414423	0.18576	384	384	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421658	5414443	0.18703	384	384	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421678	5414263	0.19075	382.59	382.59	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421678	5414283	0.18837	383	383	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421678	5414303	0.18656	383	383	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421678	5414323	0.18465	383.06	383.06	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421678	5414343	0.18461	383.34	383.34	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421678	5414363	0.18594	383.36	383.36	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421678	5414383	0.18725	383.38	383.38	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421678	5414403	0.18854	383.4	383.4	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421678	5414423	0.18979	383.41	383.41	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421678	5414443	0.19101	383.43	383.43	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421698	5414263	0.19048	382.61	382.61	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421698	5414283	0.18808	383	383	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421698	5414303	0.18622	383	383	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421698	5414323	0.18698	383	383	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421698	5414343	0.18835	383	383	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421698	5414363	0.18969	383	383	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421698	5414383	0.19101	383	383	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421698	5414403	0.19228	383	383	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421698	5414423	0.19353	383	383	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421698	5414443	0.19523	382.67	382.67	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421718	5414263	0.18997	382.75	382.75	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421718	5414283	0.18773	383	383	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421718	5414303	0.1888	383	383	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421718	5414323	0.19017	383	383	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421718	5414343	0.19152	383	383	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421718	5414363	0.19284	383	383	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421718	5414383	0.19444	382.81	382.81	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421718	5414403	0.19572	382.78	382.78	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421718	5414423	0.19754	382.38	382.38	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421718	5414443	0.19926	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421738	5414263	0.18926	383	383	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421738	5414283	0.19064	383	383	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421738	5414303	0.19202	383	383	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421738	5414323	0.19338	383	383	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421738	5414343	0.19469	383	383	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421738	5414363	0.19598	383	383	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421738	5414383	0.19856	382.19	382.19	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421738	5414403	0.20003	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421738	5414423	0.20113	382	382	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421738	5414443	0.20247	381.8	381.8	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421758	5414263	0.19075	383.97	383.97	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421758	5414283	0.19218	383.95	383.95	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421758	5414303	0.1942	383.59	383.59	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421758	5414323	0.19658	383	383	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421758	5414343	0.19786	383	383	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421758	5414363	0.19909	383	383	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421758	5414383	0.20164	382.18	382.18	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421758	5414403	0.20303	382	382	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421758	5414423	0.20477	381.55	381.55	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421758	5414443	0.20637	381.12	381.12	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421778	5414263	0.19344	384.28	384.28	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421778	5414283	0.19485	384.26	384.26	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421778	5414303	0.1964	384.15	384.15	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421778	5414323	0.19832	383.81	383.81	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421778	5414343	0.20068	383.18	383.18	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421778	5414363	0.20216	383.01	383.01	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421778	5414383	0.20446	382.3	382.3	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421778	5414403	0.20591	382.04	382.04	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421778	5414423	0.2078	381.44	381.44	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421778	5414443	0.20932	381	381	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421798	5414263	0.19417	385.59	385.59	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421798	5414283	0.19616	385.27	385.27	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421798	5414303	0.19834	384.82	384.82	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421798	5414323	0.20041	384.39	384.39	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421798	5414343	0.20243	383.94	383.94	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421798	5414363	0.20433	383.5	383.5	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421798	5414383	0.20612	383.07	383.07	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421798	5414403	0.20837	382.29	382.29	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421798	5414423	0.2102	381.68	381.68	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421798	5414443	0.21164	381.24	381.24	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421818	5414263	0.196	386.29	386.29	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421818	5414283	0.19807	385.93	385.93	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421818	5414303	0.20017	385.51	385.51	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421818	5414323	0.20244	384.96	384.96	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421818	5414343	0.20404	384.71	384.71	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421818	5414363	0.2064	384	384	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421818	5414383	0.20888	383.14	383.14	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421818	5414403	0.21026	382.83	382.83	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421818	5414423	0.21188	382.31	382.31	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421818	5414443	0.21374	381.55	381.55	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421838	5414263	0.19733	387.2	387.2	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421838	5414283	0.19863	387.19	387.19	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421838	5414303	0.20078	386.75	386.75	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421838	5414323	0.20371	385.87	385.87	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421838	5414343	0.20626	385.11	385.11	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421838	5414363	0.20745	384.99	384.99	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421838	5414383	0.20992	384.13	384.13	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421838	5414403	0.21223	383.26	383.26	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421838	5414423	0.21432	382.4	382.4	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421838	5414443	0.21623	381.54	381.54	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421858	5414263	0.19764	388.51	388.51	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421858	5414283	0.19954	388.21	388.21	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421858	5414303	0.20163	387.78	387.78	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421858	5414323	0.20402	387.17	387.17	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421858	5414343	0.20683	386.28	386.28	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421858	5414363	0.20946	385.4	385.4	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421858	5414383	0.2119	384.52	384.52	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421858	5414403	0.21415	383.64	383.64	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421858	5414423	0.2162	382.76	382.76	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421858	5414443	0.21807	381.87	381.87	0 MONTH	EMRSS	1ST		1/31/2000 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421878	5414263	0.19775	389.82	389.82	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5414283	0.20028	389.23	389.23	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5414303	0.20315	388.44	388.44	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5414323	0.20578	387.69	387.69	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5414343	0.20823	386.96	386.96	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5414363	0.20955	386.7	386.7	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5414383	0.21199	385.82	385.82	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5414403	0.21523	384.41	384.41	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5414423	0.21749	383.38	383.38	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5414443	0.21925	382.51	382.51	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421898	5414263	0.20026	390.04	390.04	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421898	5414283	0.20144	390	390	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421898	5414303	0.20349	389.55	389.55	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421898	5414323	0.20631	388.71	388.71	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421898	5414343	0.20894	387.88	387.88	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421898	5414363	0.2115	387	387	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421898	5414383	0.21388	386.11	386.11	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421898	5414403	0.21603	385.23	385.23	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421898	5414423	0.21798	384.35	384.35	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421898	5414443	0.21971	383.47	383.47	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421918	5414263	0.2019	390.59	390.59	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421918	5414283	0.2039	390.17	390.17	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421918	5414303	0.20586	389.72	389.72	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421918	5414323	0.20773	389.26	389.26	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421918	5414343	0.20927	388.88	388.88	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421918	5414363	0.21116	388.29	388.29	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421918	5414383	0.21351	387.41	387.41	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421918	5414403	0.21566	386.53	386.53	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421918	5414423	0.21795	385.46	385.46	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421918	5414443	0.22049	384.12	384.12	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421938	5414263	0.20376	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421938	5414283	0.20504	390.84	390.84	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421938	5414303	0.20697	390.37	390.37	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421938	5414323	0.20877	389.9	389.9	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421938	5414343	0.21018	389.54	389.54	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421938	5414363	0.21201	388.93	388.93	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421938	5414383	0.21426	388.07	388.07	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421938	5414403	0.2163	387.2	387.2	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421938	5414423	0.21864	386.08	386.08	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421938	5414443	0.22051	385.06	385.06	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421958	5414263	0.20652	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421958	5414283	0.20729	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421958	5414303	0.20796	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421958	5414323	0.20852	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421958	5414343	0.20952	390.77	390.77	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421958	5414363	0.21195	389.89	389.89	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421958	5414383	0.21418	389	389	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421958	5414403	0.2162	388.12	388.12	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421958	5414423	0.21799	387.24	387.24	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421958	5414443	0.22029	385.88	388	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5414263	0.20917	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5414283	0.20982	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5414303	0.21036	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5414323	0.21077	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5414343	0.21108	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5414363	0.21147	390.91	390.91	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5414383	0.21362	390.04	390.04	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5414403	0.21505	389.38	389.38	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5414423	0.21707	388.39	388.39	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5414443	0.21963	387.02	387.02	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421998	5414263	0.21205	390.86	390.86	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421998	5414283	0.21221	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421998	5414303	0.21261	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421998	5414323	0.21288	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421998	5414343	0.21304	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421998	5414363	0.21316	390.96	390.96	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421998	5414383	0.21398	390.58	390.58	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421998	5414403	0.21493	390.09	390.09	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421998	5414423	0.21711	388.98	388.98	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421998	5414443	0.21949	387.67	387.67	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422018	5414263	0.21459	390.8	390.8	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422018	5414283	0.21446	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422018	5414303	0.21471	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422018	5414323	0.21483	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422018	5414343	0.21483	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422018	5414363	0.2147	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422018	5414383	0.21446	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422018	5414403	0.21609	390.16	390.16	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422018	5414423	0.21761	389.29	389.29	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422018	5414443	0.22012	387.86	387.86	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422038	5414263	0.21887	390	390	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422038	5414283	0.21737	390.68	390.68	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422038	5414303	0.21665	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422038	5414323	0.21662	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422038	5414343	0.21646	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422038	5414363	0.21617	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422038	5414383	0.21576	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422038	5414403	0.21694	390.29	390.29	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422038	5414423	0.21828	389.43	389.43	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422038	5414443	0.2205	387.96	390	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422058	5414243	0.22089	389.96	389.96	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422058	5414263	0.22097	390	390	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422058	5414283	0.22032	390.28	390.28	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422058	5414303	0.21905	390.75	390.75	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422058	5414323	0.21823	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422058	5414343	0.21791	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422058	5414363	0.21746	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422058	5414383	0.21689	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422058	5414403	0.21618	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422058	5414423	0.21713	390.27	390.27	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422058	5414443	0.21955	388.81	388.81	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5414243	0.22524	389.07	389.07	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5414263	0.22329	389.85	389.85	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5414283	0.22279	390	390	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5414303	0.22237	390.07	390.07	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5414323	0.2209	390.51	390.51	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5414343	0.21917	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5414363	0.21856	391	391	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5414383	0.21784	390.99	390.99	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5414403	0.21865	390.31	390.31	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5414423	0.21825	390.06	390.06	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5414443	0.22009	388.79	388.79	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422098	5414243	0.22799	388.74	388.74	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422098	5414263	0.22726	388.97	388.97	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422098	5414283	0.22547	389.57	389.57	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422098	5414303	0.22417	389.92	389.92	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422098	5414323	0.22343	390	390	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422098	5414343	0.22211	390.26	390.26	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422098	5414363	0.22018	390.72	390.72	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422098	5414383	0.22103	390	390	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422098	5414403	0.21999	390	390	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422098	5414423	0.22064	389.24	389.24	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422098	5414443	0.22132	388.38	388.38	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422118	5414243	0.23291	387.45	387.45	0	MONTH	EMRSS	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422118	5414263	0.23042	388.33	388.33	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422118	5414283	0.22955	388.49	388.49	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422118	5414303	0.22747	389.09	389.09	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422118	5414323	0.22568	389.52	389.52	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422118	5414343	0.22479	389.54	389.54	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422118	5414363	0.22376	389.56	389.56	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422118	5414383	0.22263	389.58	389.58	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422118	5414403	0.22137	389.6	389.6	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422118	5414423	0.22181	388.85	388.85	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422118	5414443	0.2223	388	388	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422138	5414243	0.23556	387	387	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422138	5414263	0.23469	387.14	387.14	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422138	5414283	0.23249	387.78	387.78	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422138	5414303	0.23088	388.12	388.12	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422138	5414323	0.22887	388.58	388.58	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422138	5414343	0.22681	389	389	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422138	5414363	0.22567	389	389	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422138	5414383	0.2245	388.96	388.96	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422138	5414403	0.22455	388.35	388.35	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422138	5414423	0.2237	388.07	388.07	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422138	5414443	0.22368	387.36	387.36	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422158	5414243	0.23964	385.84	385.84	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422158	5414263	0.23858	385.98	385.98	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422158	5414283	0.23618	386.65	386.65	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422158	5414303	0.23448	386.96	386.96	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422158	5414323	0.23228	387.43	387.43	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422158	5414343	0.22992	387.92	387.92	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422158	5414363	0.22854	387.94	387.94	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422158	5414383	0.22706	387.96	387.96	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422158	5414403	0.22547	387.98	387.98	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422158	5414423	0.22557	387.2	387.2	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422158	5414443	0.22562	386.36	386.36	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422178	5414243	0.24368	384.56	384.56	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422178	5414263	0.24082	385.44	385.44	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422178	5414283	0.23949	385.56	385.56	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422178	5414303	0.23689	386.2	386.2	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422178	5414323	0.2347	386.6	386.6	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422178	5414343	0.23327	386.61	386.61	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422178	5414363	0.23172	386.63	386.63	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422178	5414383	0.23005	386.65	386.65	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422178	5414403	0.2283	386.67	386.67	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422178	5414423	0.22765	386.13	386.13	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422178	5414443	0.22644	385.8	385.8	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422198	5414243	0.24743	383.26	383.26	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422198	5414263	0.24447	384.14	384.14	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422198	5414283	0.24175	384.83	384.83	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422198	5414303	0.23965	385.17	385.17	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422198	5414323	0.23792	385.29	385.29	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422198	5414343	0.23575	385.56	385.56	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422198	5414363	0.23312	386	386	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422198	5414383	0.23148	385.94	385.94	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422198	5414403	0.23077	385.39	385.39	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422198	5414423	0.22884	385.38	385.38	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422198	5414443	0.22731	385.13	385.13	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422218	5414243	0.24899	382.91	382.91	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422218	5414263	0.24749	382.99	382.99	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422218	5414283	0.24453	383.74	383.74	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422218	5414303	0.24246	383.99	383.99	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422218	5414323	0.23975	384.5	384.5	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422218	5414343	0.23695	385	385	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422218	5414363	0.23509	385.01	385.01	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422218	5414383	0.23312	385.03	385.03	0	MONTH	EMRSS	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422218	5414403	0.23117	385	385	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422218	5414423	0.22909	385	385	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422218	5414443	0.2282	384.37	384.37	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422238	5414243	0.25206	381.67	381.67	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422238	5414263	0.24884	382.55	382.55	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422238	5414283	0.24706	382.63	382.63	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422238	5414303	0.24399	383.31	383.31	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422238	5414323	0.24145	383.67	383.67	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422238	5414343	0.23925	383.81	383.81	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422238	5414363	0.23688	384	384	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422238	5414383	0.2348	384	384	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422238	5414403	0.23265	384	384	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422238	5414423	0.23084	383.8	383.8	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422238	5414443	0.2286	383.78	383.78	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422258	5414243	0.25375	381.02	381.02	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422258	5414263	0.25154	381.29	381.29	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422258	5414283	0.24866	381.87	381.87	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422258	5414303	0.24608	382.23	382.23	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422258	5414323	0.24319	382.7	382.7	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422258	5414343	0.24025	383.15	383.15	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422258	5414363	0.23762	383.4	383.4	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422258	5414383	0.2354	383.41	383.41	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422258	5414403	0.23309	383.43	383.43	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422258	5414423	0.23147	383.07	383.07	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422258	5414443	0.22922	383	383	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422278	5414243	0.25573	380.09	380.09	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422278	5414263	0.25228	380.96	380.96	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422278	5414283	0.25023	381.01	381.01	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422278	5414303	0.24692	381.69	381.69	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422278	5414323	0.24415	382.03	382.03	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422278	5414343	0.24188	382.07	382.07	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422278	5414363	0.23957	382.09	382.09	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422278	5414383	0.2372	382.11	382.11	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422278	5414403	0.2348	382.12	382.12	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422278	5414423	0.23233	382.14	382.14	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422278	5414443	0.22982	382.16	382.16	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422298	5414243	0.25587	380.07	380.07	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422298	5414263	0.25275	380.67	380.67	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422298	5414283	0.25014	380.95	380.95	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422298	5414303	0.24786	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422298	5414323	0.24483	381.41	381.41	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422298	5414343	0.24185	381.76	381.76	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422298	5414363	0.23943	381.78	381.78	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422298	5414383	0.23696	381.8	381.8	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422298	5414403	0.23446	381.81	381.81	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422298	5414423	0.23191	381.83	381.83	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422298	5414443	0.22932	381.85	381.85	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422318	5414243	0.25592	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422318	5414263	0.25376	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422318	5414283	0.2509	380.33	380.33	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422318	5414303	0.24767	380.83	380.83	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422318	5414323	0.24497	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422318	5414343	0.24254	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422318	5414363	0.24005	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422318	5414383	0.23752	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422318	5414403	0.23495	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422318	5414423	0.23234	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422318	5414443	0.22973	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422338	5414243	0.25566	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422338	5414263	0.25336	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422338	5414283	0.251	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422338	5414303	0.2484	380.08	380.08	0	MONTH	EMRSS	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422338	5414323	0.24584	380.12	380.12	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422338	5414343	0.24326	380.14	380.14	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422338	5414363	0.24064	380.16	380.16	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422338	5414383	0.23799	380.18	380.18	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422338	5414403	0.23525	380.23	380.23	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422338	5414423	0.23133	380.92	380.92	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422338	5414443	0.22851	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422358	5414243	0.25691	379.1	379.1	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422358	5414263	0.25326	379.76	379.76	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422358	5414283	0.25037	379.97	379.97	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422358	5414303	0.24778	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422358	5414323	0.24519	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422358	5414343	0.24256	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422358	5414363	0.2399	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422358	5414383	0.23721	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422358	5414403	0.2345	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422358	5414423	0.23178	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422358	5414443	0.22906	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420878	5414493	0.17921	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420878	5414543	0.17607	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420878	5414593	0.17262	375.35	375.35	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420878	5414643	0.16626	378.49	378.49	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420878	5414693	0.16174	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420878	5414743	0.15795	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420878	5414793	0.15432	381.99	381.99	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420878	5414843	0.15169	382.15	382.15	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420878	5414893	0.14836	383.07	383.07	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420878	5414943	0.14509	384	384	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420878	5414993	0.1428	384	384	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420878	5415043	0.14015	384.35	384.35	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420878	5415093	0.13722	385	385	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420878	5415143	0.1344	385.5	385.5	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420878	5415193	0.13151	386	386	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420928	5414493	0.17975	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420928	5414543	0.17655	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420928	5414593	0.17302	375.38	375.38	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420928	5414643	0.16774	377.54	377.54	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420928	5414693	0.16334	378.93	378.93	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420928	5414743	0.15944	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420928	5414793	0.15576	381.02	381.02	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420928	5414843	0.15222	382	382	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420928	5414893	0.14881	382.96	382.96	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420928	5414943	0.14634	383	383	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420928	5414993	0.14388	383	383	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420928	5415043	0.14132	383.07	383.07	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420928	5415093	0.13872	383.13	383.13	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420928	5415143	0.13526	384.17	384.17	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420928	5415193	0.13598	385.06	385.06	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420978	5414493	0.18025	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420978	5414543	0.17699	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420978	5414593	0.17339	375.41	375.41	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420978	5414643	0.16914	376.57	376.57	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420978	5414693	0.16395	378.73	378.73	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420978	5414743	0.15994	379.89	379.89	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420978	5414793	0.15613	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420978	5414843	0.15284	381.7	381.7	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420978	5414893	0.14997	382	382	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420978	5414943	0.14737	382	382	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420978	5414993	0.14494	381.76	381.76	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420978	5415043	0.1422	381.81	381.81	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420978	5415093	0.13956	381.85	381.85	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420978	5415143	0.14116	382.92	382.92	0	MONTH	EMRSS	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420978	5415193	0.1427	383.96	383.96	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421028	5414493	0.18071	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421028	5414543	0.17741	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421028	5414593	0.17412	375.05	375.05	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421028	5414643	0.16947	376.6	376.6	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421028	5414693	0.16525	377.81	377.81	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421028	5414743	0.16093	379.24	379.24	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421028	5414793	0.15731	380.08	380.08	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421028	5414843	0.15371	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421028	5414893	0.15096	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421028	5414943	0.14818	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421028	5414993	0.14563	380.63	380.63	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421028	5415043	0.14445	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421028	5415093	0.14657	380.59	380.59	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421028	5415143	0.14867	381.12	381.12	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421028	5415193	0.1499	382.35	382.35	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421078	5414493	0.18007	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421078	5414543	0.17677	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421078	5414593	0.17353	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421078	5414643	0.17035	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421078	5414693	0.16555	377.79	377.79	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421078	5414743	0.1614	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421078	5414793	0.15754	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421078	5414843	0.15458	380.08	380.08	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421078	5414893	0.15161	380.12	380.12	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421078	5414943	0.14873	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421078	5414993	0.14752	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421078	5415043	0.15027	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421078	5415093	0.1529	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421078	5415143	0.15513	380.22	380.22	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421078	5415193	0.15598	381.63	381.63	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421128	5414493	0.17947	376.91	376.91	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421128	5414543	0.1768	376.31	376.31	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421128	5414593	0.17383	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421128	5414643	0.17058	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421128	5414693	0.16647	377	377	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421128	5414743	0.16179	378.7	378.7	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421128	5414793	0.15774	379.79	379.79	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421128	5414843	0.15451	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421128	5414893	0.15153	379.85	379.85	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421128	5414943	0.1508	379.9	379.9	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421128	5414993	0.15452	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421128	5415043	0.15713	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421128	5415093	0.15946	379.09	379.09	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421128	5415143	0.16053	380.25	380.25	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421128	5415193	0.16131	381.41	381.41	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421178	5414493	0.1786	378	378	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421178	5414543	0.17589	377.46	377.46	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421178	5414593	0.17323	376.84	376.84	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421178	5414643	0.17071	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421178	5414693	0.16665	376.85	376.85	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421178	5414743	0.16286	377.44	377.44	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421178	5414793	0.15911	378	378	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421178	5414843	0.15537	378.53	378.53	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421178	5414893	0.15554	378.58	378.58	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421178	5414943	0.15868	378.22	378.22	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421178	5414993	0.16095	378.54	378.54	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421178	5415043	0.16291	378.99	378.99	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421178	5415093	0.16493	379.12	379.12	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421178	5415143	0.16567	380.28	380.28	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421178	5415193	0.16607	381.44	381.44	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421228	5414493	0.17683	379.77	379.77	0	MONTH	EMRSS	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421228	5414543	0.17488	378.6	378.6	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421228	5414593	0.17222	377.99	377.99	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421228	5414643	0.16982	377	377	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421228	5414693	0.16651	376.88	376.88	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421228	5414743	0.16296	377	377	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421228	5414793	0.15946	377	377	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421228	5414843	0.16069	377	377	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421228	5414893	0.16341	377	377	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421228	5414943	0.16498	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421228	5414993	0.16736	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421228	5415043	0.16849	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421228	5415093	0.17012	379.15	379.15	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421228	5415143	0.17046	380.31	380.31	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421228	5415193	0.17037	381.47	381.47	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421278	5414493	0.17588	380.81	380.81	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421278	5414543	0.17351	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421278	5414593	0.17122	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421278	5414643	0.16875	378	378	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421278	5414693	0.16608	377.01	377.01	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421278	5414743	0.16246	377	377	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421278	5414793	0.16427	377	377	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421278	5414843	0.16702	377	377	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421278	5414893	0.16904	377.55	377.55	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421278	5414943	0.17095	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421278	5414993	0.17206	378.98	378.98	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421278	5415043	0.17376	379.02	379.02	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421278	5415093	0.17417	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421278	5415143	0.175	380.09	380.09	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421278	5415193	0.17462	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421328	5414493	0.17466	382	382	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421328	5414543	0.17269	380.8	380.8	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421328	5414593	0.17038	379.7	379.7	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421328	5414643	0.16789	378.59	378.59	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421328	5414693	0.16472	378	378	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421328	5414743	0.16797	377	377	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421328	5414793	0.17074	377	377	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421328	5414843	0.17332	377	377	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421328	5414893	0.17465	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421328	5414943	0.17595	378.74	378.74	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421328	5414993	0.17648	379.9	379.9	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421328	5415043	0.17768	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421328	5415093	0.17852	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421328	5415143	0.17887	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421328	5415193	0.17825	380.53	380.53	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421378	5414493	0.17277	383.58	383.58	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421378	5414543	0.17086	382.34	382.34	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421378	5414593	0.1695	380.27	380.27	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421378	5414643	0.16696	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421378	5414693	0.17063	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421378	5414743	0.17459	377	377	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421378	5414793	0.17717	377	377	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421378	5414843	0.17923	377.25	377.25	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421378	5414893	0.18047	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421378	5414943	0.18109	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421378	5414993	0.18136	379.93	379.93	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421378	5415043	0.18204	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421378	5415093	0.18229	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421378	5415143	0.18176	380.28	380.28	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421378	5415193	0.18102	380.24	380.24	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421428	5414493	0.16978	385.79	385.79	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421428	5414543	0.1691	383.58	383.58	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421428	5414593	0.16787	381.31	381.31	0	MONTH	EMRSS	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421428	5414643	0.17309	379.15	379.15	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421428	5414693	0.17742	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421428	5414743	0.18025	377.83	377.83	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421428	5414793	0.18344	377	377	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421428	5414843	0.1849	377.48	377.48	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421428	5414893	0.18592	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421428	5414943	0.18603	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421428	5414993	0.1857	379.96	379.96	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421428	5415043	0.18578	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421428	5415093	0.18511	380.28	380.28	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421428	5415143	0.18351	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421428	5415193	0.1821	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421478	5414493	0.16524	388.77	388.77	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421478	5414543	0.16512	386.26	388	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421478	5414593	0.17329	381.9	384	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421478	5414643	0.18009	379.12	379.12	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421478	5414693	0.18385	378.24	378.24	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421478	5414743	0.18646	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421478	5414793	0.18931	377.1	377.1	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421478	5414843	0.19036	377.51	377.51	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421478	5414893	0.19086	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421478	5414943	0.19038	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421478	5414993	0.18938	379.99	379.99	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421478	5415043	0.18882	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421478	5415093	0.18745	380.31	380.31	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421478	5415143	0.1852	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421478	5415193	0.18315	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421528	5414493	0.16289	390	390	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	421528	5414543	0.16957	386.82	386.82	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421528	5414593	0.17962	382.5	382.5	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421528	5414643	0.18583	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421528	5414693	0.18946	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421528	5414743	0.19252	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421528	5414793	0.19394	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421528	5414843	0.19511	377.72	377.72	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421528	5414893	0.1952	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421528	5414943	0.19404	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421528	5414993	0.19234	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421528	5415043	0.19111	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421528	5415093	0.18902	380.34	380.34	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421528	5415143	0.18614	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421528	5415193	0.18347	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421578	5414493	0.17129	388.02	388.02	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421578	5414543	0.17907	385.45	385.45	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421578	5414593	0.18778	381.53	386	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421578	5414643	0.19366	379.06	379.06	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421578	5414693	0.19572	378.92	378.92	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421578	5414743	0.19812	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421578	5414793	0.19892	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421578	5414843	0.19916	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421578	5414893	0.19811	378.73	378.73	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421578	5414943	0.19696	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421578	5414993	0.19453	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421578	5415043	0.1926	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421578	5415093	0.18954	380.63	380.63	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421578	5415143	0.18631	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421578	5415193	0.18305	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421628	5414493	0.18355	385.26	385.26	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421628	5414543	0.18961	383.35	383.35	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421628	5414593	0.19524	381.19	381.19	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421628	5414643	0.19869	380.03	380.03	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421628	5414693	0.20128	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421628	5414743	0.20312	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421628	5414793	0.20323	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421628	5414843	0.20274	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421628	5414893	0.2007	378.97	378.97	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421628	5414943	0.19812	379.92	379.92	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421628	5414993	0.19591	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421628	5415043	0.19304	380.24	380.24	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421628	5415093	0.18919	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421628	5415143	0.18575	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421628	5415193	0.18104	381.89	381.89	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421678	5414493	0.19499	382.73	382.73	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421678	5414543	0.19826	382.17	382.17	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421678	5414593	0.2017	381.09	381.09	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421678	5414643	0.20443	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421678	5414693	0.2063	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421678	5414743	0.2074	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421678	5414793	0.20676	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421678	5414843	0.20538	378.13	378.13	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421678	5414893	0.20268	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421678	5414943	0.19933	379.96	379.96	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421678	5414993	0.19647	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421678	5415043	0.19212	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421678	5415093	0.18849	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421678	5415143	0.18389	381.59	381.59	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421678	5415193	0.17923	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421728	5414493	0.20443	381.09	381.09	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421728	5414543	0.2071	380.47	380.47	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421728	5414593	0.2089	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421728	5414643	0.21069	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421728	5414693	0.21077	378.81	378.81	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421728	5414743	0.21087	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421728	5414793	0.20944	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421728	5414843	0.20637	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421728	5414893	0.20383	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421728	5414943	0.1997	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421728	5414993	0.19608	380.14	380.14	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421728	5415043	0.19128	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421728	5415093	0.18701	381.11	381.11	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421728	5415143	0.1816	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421728	5415193	0.17691	382.12	382.12	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421778	5414493	0.21246	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421778	5414543	0.21351	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421778	5414593	0.21508	379.1	379.1	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421778	5414643	0.2149	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421778	5414693	0.21499	378.09	378.09	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421778	5414743	0.21346	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421778	5414793	0.21078	378.42	378.42	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421778	5414843	0.20738	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421778	5414893	0.203	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421778	5414943	0.1993	380.01	380.01	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421778	5414993	0.19411	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421778	5415043	0.18977	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421778	5415093	0.18401	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421778	5415143	0.17931	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421778	5415193	0.17329	383	383	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421828	5414493	0.21807	380.13	380.13	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421828	5414543	0.21954	379.23	379.23	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421828	5414593	0.21937	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421828	5414643	0.21824	378.98	378.98	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421828	5414693	0.21758	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421828	5414743	0.21509	378.04	378.04	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421828	5414793	0.21101	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421828	5414843	0.20668	379.73	379.73	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421828	5414893	0.20246	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421828	5414943	0.19699	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421828	5414993	0.19223	381.18	381.18	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421828	5415043	0.18646	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421828	5415093	0.18107	382.41	382.41	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421828	5415143	0.17537	383	383	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421828	5415193	0.16968	383.58	383.58	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5414493	0.22273	380.35	380.35	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5414543	0.22369	379.2	379.2	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5414593	0.2226	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5414643	0.22058	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5414693	0.21812	378.84	378.84	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5414743	0.21513	378.65	378.65	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5414793	0.211	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5414843	0.20565	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5414893	0.20003	380.91	380.91	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5414943	0.19516	381.01	381.01	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5414993	0.18895	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5415043	0.18331	382.46	382.46	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5415093	0.17751	383	383	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5415143	0.17149	383.71	383.71	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421878	5415193	0.16613	384	384	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421928	5414493	0.22533	381.32	381.32	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421928	5414543	0.22573	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421928	5414593	0.22484	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421928	5414643	0.22195	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421928	5414693	0.21849	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421928	5414743	0.21454	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421928	5414793	0.20937	379.63	379.63	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421928	5414843	0.2042	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421928	5414893	0.19803	380.94	380.94	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421928	5414943	0.1927	381.1	381.1	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421928	5414993	0.18613	382.11	382.11	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421928	5415043	0.17969	383	383	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421928	5415093	0.17351	383.72	383.72	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421928	5415143	0.16775	384.21	384.21	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421928	5415193	0.16172	385	385	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5414493	0.22505	383.34	383.34	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5414543	0.22762	380.14	380.14	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5414593	0.22606	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5414643	0.22236	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5414693	0.21815	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5414743	0.21354	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5414793	0.20774	379.66	379.66	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5414843	0.20213	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5414893	0.19548	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5414943	0.18872	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5414993	0.18293	382.29	382.29	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5415043	0.17598	383.45	383.45	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5415093	0.16948	384.37	384.37	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5415143	0.16357	385	385	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	421978	5415193	0.1574	385.96	385.96	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422028	5414493	0.22617	383.64	386	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422028	5414543	0.22864	380.15	380.15	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422028	5414593	0.22583	379.34	379.34	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422028	5414643	0.22152	379.23	379.23	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422028	5414693	0.21697	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422028	5414743	0.21181	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422028	5414793	0.20549	379.69	379.69	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422028	5414843	0.19956	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422028	5414893	0.19261	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422028	5414943	0.18568	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422028	5414993	0.17834	383.31	383.31	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422028	5415043	0.17137	384.45	384.45	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422028	5415093	0.16463	385.56	385.56	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422028	5415143	0.15916	386	386	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422028	5415193	0.1539	386.99	386.99	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	422078	5414493	0.22561	384.47	384.47	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5414543	0.22717	381.12	381.12	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5414593	0.22415	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5414643	0.21905	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5414693	0.21366	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5414743	0.20882	379.47	379.47	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5414793	0.20276	379.72	379.72	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5414843	0.19664	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5414893	0.18948	381.04	381.04	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5414943	0.18189	382.43	382.43	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5414993	0.17401	384.09	384.09	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5415043	0.16651	385.61	385.61	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5415093	0.15975	386.82	386.82	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422078	5415143	0.15616	388	388	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	422078	5415193	0.15503	388.06	388.06	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	422128	5414493	0.22388	385.2	385.2	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422128	5414543	0.22462	382.09	382.09	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422128	5414593	0.22122	380.89	380.89	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422128	5414643	0.21696	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422128	5414693	0.21115	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422128	5414743	0.20526	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422128	5414793	0.19937	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422128	5414843	0.19355	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422128	5414893	0.1863	381.07	381.07	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422128	5414943	0.17758	383.22	383.22	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422128	5414993	0.16923	385.2	385.2	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422128	5415043	0.16216	386.54	386.54	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422128	5415093	0.15908	388.3	388.3	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	422128	5415143	0.15666	389.33	389.33	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	422128	5415193	0.15433	389.99	389.99	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	422178	5414493	0.22457	384.17	384.17	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422178	5414543	0.22119	383	383	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422178	5414593	0.21732	381.86	381.86	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422178	5414643	0.21272	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422178	5414693	0.20666	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422178	5414743	0.20061	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422178	5414793	0.19587	380.22	380.22	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422178	5414843	0.19042	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422178	5414893	0.18319	381.1	381.1	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422178	5414943	0.17457	383.25	383.25	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422178	5414993	0.16661	385.41	385.41	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	422178	5415043	0.16312	387.57	387.57	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	422178	5415093	0.16007	388.92	388.92	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	422178	5415143	0.15699	390	390	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	422178	5415193	0.15487	390	390	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	422228	5414493	0.22454	383.07	383.07	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422228	5414543	0.21948	382.52	382.52	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422228	5414593	0.21419	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422228	5414643	0.20963	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422228	5414693	0.20343	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422228	5414743	0.19737	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422228	5414793	0.19117	381.2	381.2	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422228	5414843	0.18586	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422228	5414893	0.18029	381.13	381.13	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422228	5414943	0.17227	383.28	383.28	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	422228	5414993	0.16864	385.44	385.44	0	MONTH	EMRSS	1ST	12/31/1996 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422228	5415043	0.16452	387.6	387.6	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	422228	5415093	0.16081	389	389	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	422228	5415143	0.15855	390	390	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422228	5415193	0.15784	390	390	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422278	5414493	0.22376	382.02	382.02	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422278	5414543	0.21738	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422278	5414593	0.21096	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422278	5414643	0.20462	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422278	5414693	0.19845	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422278	5414743	0.1925	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422278	5414793	0.18681	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422278	5414843	0.18143	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422278	5414893	0.17664	382.52	382.52	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	422278	5414943	0.17311	384.31	384.31	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	422278	5414993	0.16924	386	386	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	422278	5415043	0.16588	387.63	387.63	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422278	5415093	0.1638	388.79	388.79	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422278	5415143	0.16155	389.95	389.95	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422278	5415193	0.16048	390	390	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422328	5414493	0.22248	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422328	5414543	0.21585	381	381	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422328	5414593	0.20894	381.23	381.23	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422328	5414643	0.20127	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422328	5414693	0.19522	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422328	5414743	0.18947	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422328	5414793	0.18232	383	383	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	422328	5414843	0.17984	383.02	383.02	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	422328	5414893	0.17664	384.13	384.13	0	MONTH	EMRSS	1ST	3/31/1999 24 hr
TMA	422328	5414943	0.17408	385.23	385.23	0	MONTH	EMRSS	1ST	3/31/1999 24 hr
TMA	422328	5414993	0.17133	386.5	386.5	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422328	5415043	0.16909	387.66	387.66	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422328	5415093	0.16667	388.82	388.82	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422328	5415143	0.16528	389	389	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422328	5415193	0.16277	390	390	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422378	5415043	0.17193	387.69	387.69	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422378	5415093	0.17001	388.18	388.18	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422378	5415143	0.16756	389	389	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422378	5415193	0.16549	389.42	389.42	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422428	5415043	0.17533	387	387	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422428	5415093	0.17266	387.88	387.88	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422428	5415143	0.17082	388	388	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422428	5415193	0.16782	389	389	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422478	5415043	0.17762	387	387	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422478	5415093	0.17579	387	387	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422478	5415143	0.17266	388	388	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422478	5415193	0.17045	388.23	388.23	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422528	5415043	0.17969	387	387	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422528	5415093	0.17648	387.94	387.94	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422528	5415143	0.17438	388	388	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422528	5415193	0.17103	389	389	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422578	5415043	0.18161	387	387	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422578	5415093	0.17814	388	388	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422578	5415143	0.17584	388.13	388.13	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422578	5415193	0.17254	389	389	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422628	5415043	0.18227	387.84	387.84	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422628	5415093	0.17983	388	388	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422628	5415143	0.17621	389	389	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422628	5415193	0.17404	389	389	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422678	5415043	0.18376	388	388	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422678	5415093	0.18143	388.03	388.03	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422678	5415143	0.17775	389	389	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422678	5415193	0.17502	389.35	389.35	0	MONTH	EMRSS	1ST	12/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422728	5415043	0.18544	388	388	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422728	5415093	0.18157	389	389	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422728	5415143	0.17893	389.22	389.22	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422728	5415193	0.17548	390	390	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422778	5415043	0.1856	388.93	388.93	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422778	5415093	0.18295	389.09	389.09	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422778	5415143	0.17915	390	390	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422778	5415193	0.17628	390.36	390.36	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422828	5415043	0.18701	389	389	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422828	5415093	0.18399	389.34	389.34	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422828	5415143	0.18048	390	390	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422828	5415193	0.17663	391	391	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422878	5415043	0.18841	389	389	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422878	5415093	0.18496	390	390	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422878	5415143	0.18774	390	390	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422878	5415193	0.18773	391	391	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422928	5415043	0.19412	390	390	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422928	5415093	0.19666	390	390	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422928	5415143	0.19668	390.84	390.84	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422928	5415193	0.19683	391.5	391.5	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422978	5415043	0.20568	390.01	390.01	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422978	5415093	0.20488	391	391	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422978	5415143	0.20543	391.37	391.37	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422978	5415193	0.20492	392	392	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423028	5415043	0.21618	390.08	390.08	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423028	5415093	0.21476	391	391	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423028	5415143	0.21274	392	392	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423028	5415193	0.21289	392.14	392.14	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423078	5415043	0.22304	391	391	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423078	5415093	0.223	391.17	391.17	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423078	5415143	0.22066	392	392	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423078	5415193	0.2181	392.8	392.8	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423128	5415043	0.23129	391	391	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423128	5415093	0.23008	391.3	391.3	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423128	5415143	0.22734	392	392	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423128	5415193	0.22339	393	393	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	420828	5414293	0.18923	376	376	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420828	5414343	0.18645	376	376	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420828	5414393	0.18432	375.31	375.31	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420828	5414443	0.18167	375	375	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420828	5414493	0.17862	375	375	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420828	5414543	0.17556	375	375	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420828	5414593	0.17065	376.79	376.79	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420828	5414643	0.16453	379.61	379.61	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420828	5414693	0.16017	381	381	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420828	5414743	0.15653	381.87	381.87	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420828	5414793	0.15386	382	382	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420828	5414843	0.15035	383	383	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420828	5414893	0.14696	384	384	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420828	5414943	0.14449	384.23	384.23	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420828	5414993	0.14151	385	385	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420828	5415043	0.13935	385	385	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420828	5415093	0.13624	385.97	385.97	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420828	5415143	0.13401	386	386	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420828	5415193	0.13175	386	386	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420778	5414143	0.19217	378	378	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420778	5414193	0.19145	377	377	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420778	5414243	0.1892	377	377	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420778	5414293	0.18776	376.2	376.2	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420778	5414343	0.18539	376	376	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420778	5414393	0.18266	376	376	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420778	5414443	0.1809	375	375	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420778	5414493	0.17798	375	375	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420778	5414543	0.17488	375.13	375.13	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420778	5414593	0.16931	377.58	377.58	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420778	5414643	0.16311	380.45	380.45	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420778	5414693	0.15854	382	382	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420778	5414743	0.15538	382.48	382.48	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420778	5414793	0.15228	383	383	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420778	5414843	0.14906	383.74	383.74	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420778	5414893	0.1465	384	384	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420778	5414943	0.14323	385	385	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420778	5414993	0.14113	385	385	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420778	5415043	0.13904	385	385	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420778	5415093	0.1369	385.05	385.05	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420778	5415143	0.13481	385.01	385.01	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420778	5415193	0.13265	385	385	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5413493	0.18928	376	376	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5413543	0.19118	377	377	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5413593	0.1925	378	378	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5413643	0.19327	378.9	378.9	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5413693	0.19396	379.37	379.37	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5413743	0.19387	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5413793	0.19413	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5413843	0.19398	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5413893	0.19349	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5413943	0.19271	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5413993	0.19169	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5414043	0.19121	379.48	379.48	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5414093	0.19143	378.32	378.32	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5414143	0.19022	378	378	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5414193	0.18921	377.38	377.38	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5414243	0.18711	377.43	377.43	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5414293	0.18486	377.47	377.47	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5414343	0.18306	377	377	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5414393	0.18166	376	376	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5414443	0.18005	375	375	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5414493	0.17726	375	375	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5414543	0.17492	374.47	374.47	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5414593	0.16888	377.52	377.52	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5414643	0.1627	380.42	380.42	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5414693	0.15812	382	382	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5414743	0.15432	383	383	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5414793	0.15076	383.9	383.9	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5414843	0.14828	384	384	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5414893	0.14603	384	384	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5414943	0.14384	384	384	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5414993	0.14172	384	384	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5415043	0.1398	383.83	383.83	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5415093	0.13777	383.78	383.78	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5415143	0.13574	383.73	383.73	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5415193	0.13367	383.69	383.69	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5413493	0.18318	376.74	376.74	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5413543	0.18511	377.91	377.91	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5413593	0.18657	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5413643	0.18752	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5413693	0.18909	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5413743	0.18997	380.13	380.13	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5413793	0.18964	380.78	380.78	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5413843	0.18942	381	381	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5413893	0.19054	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5413943	0.18998	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5413993	0.18936	379.85	379.85	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5414043	0.1895	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420678	5414093	0.18963	378	378	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5414143	0.18817	378	378	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5414193	0.18568	378.65	378.65	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5414243	0.18246	379.7	379.7	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5414293	0.18144	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5414343	0.18001	378.45	378.45	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5414393	0.18012	376.4	376.4	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5414443	0.17885	375.24	375.24	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5414493	0.17734	374.09	374.09	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5414543	0.17367	375.05	375.05	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5414593	0.16727	378.46	378.46	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5414643	0.16108	381.39	381.39	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5414693	0.15702	382.55	382.55	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5414743	0.1539	383	383	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5414793	0.15059	383.68	383.68	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5414843	0.14816	383.72	383.72	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5414893	0.14667	383	383	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5414943	0.14444	383	383	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5414993	0.14267	382.6	382.6	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5415043	0.14093	382.19	382.19	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5415093	0.139	382	382	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5415143	0.13692	382	382	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420678	5415193	0.13483	382	382	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5413493	0.17742	377.2	377.2	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5413543	0.17963	378.28	378.28	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5413593	0.18133	379.39	379.39	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5413643	0.18306	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5413693	0.18494	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5413743	0.18505	381	381	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5413793	0.18586	381	381	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5413843	0.1873	380.18	380.18	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5413893	0.18752	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5413943	0.18717	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5413993	0.18789	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5414043	0.18766	378.54	378.54	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5414093	0.18662	378.51	378.51	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5414143	0.1847	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5414193	0.18193	379.99	379.99	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5414243	0.18033	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5414293	0.17857	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5414343	0.17843	378.62	378.62	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5414393	0.17774	377.43	377.43	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5414443	0.17776	375.28	375.28	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5414493	0.17651	374	374	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5414543	0.17193	376.04	376.04	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5414593	0.16581	379.2	379.2	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5414643	0.16064	381.36	381.36	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5414693	0.15689	382.31	382.31	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5414743	0.1535	383	383	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5414793	0.151	383	383	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5414843	0.14858	383	383	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5414893	0.14694	382.36	382.36	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5414943	0.14503	382	382	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5414993	0.14314	381.68	381.68	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5415043	0.14152	381.1	381.1	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5415093	0.13948	381	381	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5415143	0.1374	381	381	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420628	5415193	0.13535	381	381	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420578	5413493	0.17172	377.68	377.68	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420578	5413543	0.17389	378.93	378.93	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420578	5413593	0.17586	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420578	5413643	0.17852	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420578	5413693	0.18069	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5413743	0.18118	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5413793	0.18229	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5413843	0.18393	380.21	380.21	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5413893	0.18443	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5413943	0.18444	379.89	379.89	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5413993	0.18518	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5414043	0.1845	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5414093	0.1836	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5414143	0.18117	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5414193	0.17992	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5414243	0.17716	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5414293	0.17693	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5414343	0.17647	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5414393	0.17639	377.46	377.46	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5414443	0.17657	375.31	375.31	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5414493	0.1755	374	374	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5414543	0.17113	376.02	376.02	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5414593	0.1652	379.17	379.17	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5414643	0.16055	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5414693	0.15682	382	382	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5414743	0.15407	382.19	382.19	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5414793	0.15151	382.24	382.24	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5414843	0.14931	382.01	382.01	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5414893	0.14693	382	382	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5414943	0.14556	381.07	381.07	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5414993	0.14337	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5415043	0.14119	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5415093	0.13974	380.24	380.24	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5415143	0.13785	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420578	5415193	0.13579	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5413493	0.16627	378	378	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5413543	0.16809	379.7	379.7	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5413593	0.17104	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5413643	0.17393	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5413693	0.17607	380.28	380.28	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5413743	0.1772	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5413793	0.17862	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5413843	0.18075	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5413893	0.18126	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5413943	0.18146	379.92	379.92	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5413993	0.1824	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5414043	0.18191	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5414093	0.18118	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5414143	0.17895	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5414193	0.17785	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5414243	0.17658	380.01	380.01	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5414293	0.17519	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5414343	0.17515	378.79	378.79	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5414393	0.17566	376.84	376.84	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5414443	0.1755	375.1	375.1	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5414493	0.17438	374	374	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5414543	0.17025	375.98	375.98	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5414593	0.16451	379.14	379.14	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5414643	0.1607	380.37	380.37	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5414693	0.15695	381.49	381.49	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5414743	0.15387	382	382	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5414793	0.1514	382	382	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5414843	0.14895	382	382	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5414893	0.14676	381.8	381.8	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5414943	0.14525	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5414993	0.14298	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420528	5415043	0.1417	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5415093	0.13955	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5415143	0.13747	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5415193	0.13544	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5413493	0.16067	378.62	378.62	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5413543	0.16318	379.67	379.67	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5413593	0.16623	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5413643	0.1693	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5413693	0.17198	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5413743	0.17421	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5413793	0.17596	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5413843	0.17721	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5413893	0.17799	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5413943	0.17898	379.47	379.47	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5413993	0.17956	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5414043	0.17926	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5414093	0.17767	379.83	379.83	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5414143	0.17668	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5414193	0.17572	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5414243	0.17461	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5414293	0.17336	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5414343	0.17359	378.68	378.68	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5414393	0.17445	376.53	376.53	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5414443	0.17479	374.37	374.37	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5414493	0.17315	374	374	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5414543	0.16925	375.95	375.95	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5414593	0.16483	378.11	378.11	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5414643	0.16015	380.27	380.27	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5414693	0.15697	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5414743	0.15356	381.89	381.89	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5414793	0.15101	382	382	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5414843	0.14894	381.68	381.68	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5414893	0.14726	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5414943	0.14489	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5414993	0.14297	380.62	380.62	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5415043	0.14132	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5415093	0.13916	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5415143	0.13707	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420478	5415193	0.13507	379.99	379.99	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5413493	0.15584	378.59	378.59	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5413543	0.15867	379.31	379.31	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5413593	0.16144	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5413643	0.16465	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5413693	0.16754	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5413743	0.17002	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5413793	0.17204	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5413843	0.17358	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5413893	0.17464	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5413943	0.17638	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5413993	0.17664	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5414043	0.17547	379.92	379.92	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5414093	0.17498	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5414143	0.17435	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5414193	0.17252	380.81	380.81	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5414243	0.17253	380.03	380.03	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5414293	0.17162	379.87	379.87	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5414343	0.17294	377.72	377.72	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5414393	0.174	375.35	375.35	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5414443	0.17362	374	374	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5414493	0.17182	374	374	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5414543	0.16814	375.92	375.92	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5414593	0.16392	378.08	378.08	0	MONTH	EMRSS	1ST	1/31/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420428	5414643	0.15943	380.24	380.24	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5414693	0.15636	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5414743	0.15406	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5414793	0.15169	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5414843	0.1493	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5414893	0.14691	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5414943	0.14455	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5414993	0.14322	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5415043	0.14096	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5415093	0.13878	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5415143	0.13669	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5415193	0.13546	379.02	379.02	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5413493	0.15091	378.84	378.84	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5413543	0.15354	379.72	379.72	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5413593	0.15672	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5413643	0.16002	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5413693	0.16307	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5413743	0.16577	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5413793	0.16805	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5413843	0.16986	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5413893	0.1712	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5413943	0.17209	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5413993	0.17255	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5414043	0.17265	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5414093	0.17245	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5414143	0.17198	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5414193	0.17132	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5414243	0.17048	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5414293	0.17082	378.91	378.91	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5414343	0.17213	376.75	376.75	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5414393	0.17296	374.59	374.59	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5414443	0.17263	373.27	373.27	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5414493	0.17039	374	374	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5414543	0.16693	375.89	375.89	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5414593	0.16291	378.05	378.05	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5414643	0.15884	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5414693	0.15566	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5414743	0.15349	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5414793	0.15122	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5414843	0.1489	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5414893	0.14656	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5414943	0.1452	380.01	380.01	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5414993	0.14289	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5415043	0.14063	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5415093	0.13844	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5415143	0.13704	379.17	379.17	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420378	5415193	0.13511	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420328	5413493	0.14626	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420328	5413543	0.14869	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420328	5413593	0.15209	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420328	5413643	0.15543	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420328	5413693	0.1586	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420328	5413743	0.16147	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420328	5413793	0.16398	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420328	5413843	0.16605	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420328	5413893	0.16767	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420328	5413943	0.16883	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420328	5413993	0.16954	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420328	5414043	0.16987	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420328	5414093	0.16986	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420328	5414143	0.16957	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420328	5414193	0.16906	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420328	5414243	0.16948	379.04	379.04	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420328	5414293	0.16989	377.94	377.94	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420328	5414343	0.17115	375.78	375.78	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420328	5414393	0.17109	374.62	374.62	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420328	5414443	0.17115	373	373	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420328	5414493	0.16907	373.75	373.75	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420328	5414543	0.16642	374.97	374.97	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420328	5414593	0.16274	377.08	377.08	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420328	5414643	0.15894	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420328	5414693	0.15597	379.98	379.98	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420328	5414743	0.15389	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420328	5414793	0.15172	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420328	5414843	0.14948	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420328	5414893	0.14719	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420328	5414943	0.14488	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420328	5414993	0.14257	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420328	5415043	0.14065	379.64	379.64	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420328	5415093	0.13901	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420328	5415143	0.13685	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420328	5415193	0.13515	378.54	378.54	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5413493	0.14196	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5413543	0.14433	379.92	379.92	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5413593	0.14757	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5413643	0.1509	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5413693	0.15414	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5413743	0.15716	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5413793	0.15986	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5413843	0.16217	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5413893	0.16405	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5413943	0.16547	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5413993	0.16645	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5414043	0.16702	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5414093	0.16722	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5414143	0.16711	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5414193	0.16782	379.05	379.05	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5414243	0.16829	378.13	378.13	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5414293	0.16877	377	377	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5414343	0.16909	375.81	375.81	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5414393	0.16916	374.65	374.65	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5414443	0.16897	373.49	373.49	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5414493	0.16804	373	373	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5414543	0.16581	373.97	373.97	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5414593	0.16268	375.78	375.78	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5414643	0.15976	377.11	377.11	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5414693	0.15687	378.21	378.21	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5414743	0.15434	378.81	378.81	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5414793	0.1521	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5414843	0.14996	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5414893	0.14774	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5414943	0.14548	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5414993	0.1432	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5415043	0.14151	378.37	378.37	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5415093	0.13959	378	378	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5415143	0.1374	378	378	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420278	5415193	0.13527	378	378	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420228	5413493	0.13833	378.46	378.46	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420228	5413543	0.14085	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420228	5413593	0.14404	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420228	5413643	0.14647	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420228	5413693	0.14973	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420228	5413743	0.15285	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420228	5413793	0.15571	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420228	5413843	0.15823	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5413893	0.16034	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5413943	0.16203	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5413993	0.16327	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5414043	0.16408	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5414093	0.16451	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5414143	0.16518	379.45	379.45	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5414193	0.16548	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5414243	0.16615	378	378	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5414293	0.1666	377	377	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5414343	0.16696	375.88	375.88	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5414393	0.16708	374.77	374.77	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5414443	0.16671	374	374	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5414493	0.16634	373	373	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5414543	0.16502	373	373	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5414593	0.16282	373.98	373.98	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5414643	0.16037	375.05	375.05	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5414693	0.15777	376.12	376.12	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5414743	0.15549	376.65	376.65	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5414793	0.15296	377.33	377.33	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5414843	0.15096	377.28	377.28	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5414893	0.14887	377.24	377.24	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5414943	0.14671	377.19	377.19	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5414993	0.14452	377.14	377.14	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5415043	0.1423	377.1	377.1	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5415093	0.14014	377	377	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5415143	0.13793	377	377	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5415193	0.13577	377	377	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5413493	0.13401	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5413543	0.13677	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5413593	0.13901	379.95	379.95	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5413643	0.14215	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5413693	0.14539	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5413743	0.14856	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5413793	0.15154	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5413843	0.15424	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5413893	0.15657	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5413943	0.1585	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5413993	0.16	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5414043	0.16106	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5414093	0.16173	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5414143	0.16302	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5414193	0.16304	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5414243	0.16382	378	378	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5414293	0.16435	377.03	377.03	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5414343	0.16473	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5414393	0.16487	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5414443	0.16482	374	374	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5414493	0.16427	373.39	373.39	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5414543	0.16338	373	373	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5414593	0.16207	373	373	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5414643	0.15989	374	374	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5414693	0.15805	374.36	374.36	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5414743	0.15583	375.04	375.04	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5414793	0.15359	375.58	375.58	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5414843	0.15134	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5414893	0.14932	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5414943	0.14721	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5414993	0.14504	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5415043	0.14283	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5415093	0.14062	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420178	5415143	0.13841	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420178	5415193	0.13605	376.26	376.26	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5413493	0.13038	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5413543	0.13212	379.98	379.98	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5413593	0.13493	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5413643	0.13798	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5413693	0.14115	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5413743	0.14432	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5413793	0.14738	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5413843	0.15022	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5413893	0.15275	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5413943	0.1549	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5413993	0.15665	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5414043	0.15796	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5414093	0.15886	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5414143	0.15938	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5414193	0.16017	379.38	379.38	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5414243	0.16125	378.22	378.22	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5414293	0.16206	377.06	377.06	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5414343	0.16257	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5414393	0.163	374.78	374.78	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5414443	0.16287	374	374	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5414493	0.16273	373	373	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5414543	0.16168	373	373	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5414593	0.16051	373	373	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5414643	0.15921	373	373	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5414693	0.15713	373.9	373.9	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5414743	0.15551	374	374	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5414793	0.15353	374.41	374.41	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5414843	0.1513	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5414893	0.1494	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5414943	0.14741	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5414993	0.14532	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5415043	0.14296	375.32	375.32	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5415093	0.14029	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5415143	0.13786	376.35	376.35	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5415193	0.13448	377.92	377.92	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5415293	0.12951	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5415393	0.12573	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5415493	0.12223	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5415593	0.11895	379.06	379.06	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5415693	0.11531	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5415793	0.11221	380.11	380.11	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5415893	0.10867	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5415993	0.10497	382	382	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420128	5416093	0.10702	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420128	5416193	0.11121	381.49	381.49	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420228	5415293	0.13165	377	377	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5415393	0.12713	378	378	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5415493	0.1236	378	378	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5415593	0.11964	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5415693	0.11633	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5415793	0.11247	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5415893	0.10865	380.72	380.72	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420228	5415993	0.11059	382.39	382.39	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420228	5416093	0.11347	384	384	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420228	5416193	0.11626	385.02	385.02	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420328	5415293	0.13158	378	378	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420328	5415393	0.12782	378	378	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420328	5415493	0.1242	378	378	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420328	5415593	0.12051	378.19	378.19	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420328	5415693	0.11647	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420328	5415793	0.11224	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420328	5415893	0.11628	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420328	5415993	0.11863	382.46	382.46	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420328	5416093	0.11993	385.51	385.51	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420328	5416193	0.12067	388.05	388.05	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420428	5415293	0.13155	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5415393	0.12777	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5415493	0.12402	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5415593	0.12018	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420428	5415693	0.11693	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420428	5415793	0.12061	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420428	5415893	0.12328	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420428	5415993	0.12491	384.52	384.52	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420428	5416093	0.1257	386.87	386.87	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420428	5416193	0.12462	390.02	390.02	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420528	5415293	0.13161	379.82	379.82	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5415393	0.12817	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5415493	0.1239	379.31	379.31	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420528	5415593	0.12065	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420528	5415693	0.12518	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420528	5415793	0.12924	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420528	5415893	0.13174	381.26	381.26	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420528	5415993	0.13181	384.58	384.58	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420528	5416093	0.13048	387.92	387.92	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420528	5416193	0.12671	392.21	392.21	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420628	5415293	0.13187	380.05	380.05	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420628	5415393	0.12758	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420628	5415493	0.12535	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420628	5415593	0.13	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420628	5415693	0.13304	381.47	381.47	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420628	5415793	0.13629	381.58	381.58	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420628	5415893	0.13813	382.16	382.16	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420628	5415993	0.1374	384.64	384.64	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420628	5416093	0.13534	387	387	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420628	5416193	0.13124	390.06	390.06	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420728	5415293	0.12983	383	383	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	420728	5415393	0.12849	382.1	382.1	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420728	5415493	0.13393	381.41	381.41	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420728	5415593	0.13799	381.61	381.61	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420728	5415693	0.14034	382.81	382.81	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420728	5415793	0.14154	384.01	384.01	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420728	5415893	0.14234	384.04	384.04	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420728	5415993	0.14105	384.98	384.98	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420728	5416093	0.13754	387	387	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420728	5416193	0.13278	389	389	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420828	5415293	0.12962	386	386	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420828	5415393	0.13575	385.05	385.05	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420828	5415493	0.14025	384.96	384.96	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420828	5415593	0.1445	384	384	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420828	5415693	0.1465	384	384	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420828	5415793	0.14556	385.72	385.72	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420828	5415893	0.14354	387	387	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420828	5415993	0.14129	387	387	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420828	5416093	0.13779	387	387	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420828	5416193	0.13241	388	388	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420928	5415293	0.13895	387	387	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420928	5415393	0.14227	388	388	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420928	5415493	0.14624	387.5	387.5	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420928	5415593	0.14872	387	387	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420928	5415693	0.15006	386	386	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420928	5415793	0.14845	386.37	386.37	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420928	5415893	0.14366	388.51	388.51	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420928	5415993	0.13821	390.03	390.03	0	MONTH	EMRSS	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420928	5416093	0.13335	390	390	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	420928	5416193	0.1259	391.85	391.85	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421028	5415293	0.15065	385.67	385.67	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421028	5415393	0.15109	388	388	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421028	5415493	0.15158	389.01	389.01	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421028	5415593	0.15168	389	389	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421028	5415693	0.15114	388.06	388.06	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421028	5415793	0.14804	388	388	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421028	5415893	0.14258	389	389	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421028	5415993	0.13397	392	392	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421028	5416093	0.1238	395.7	395.7	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421028	5416193	0.11407	398.71	398.71	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421128	5415293	0.15957	385.73	385.73	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421128	5415393	0.15688	389.03	389.03	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421128	5415493	0.15532	390	390	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421128	5415593	0.1533	390	390	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421128	5415693	0.14972	390	390	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421128	5415793	0.14507	389.79	389.79	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421128	5415893	0.13898	390	390	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421128	5415993	0.12921	392.95	392.95	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421128	5416093	0.11869	396.3	396.3	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421128	5416193	0.10779	399.98	399.98	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421228	5415293	0.16771	384.79	384.79	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421228	5415393	0.16283	388.11	388.11	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421228	5415493	0.15779	390	390	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421228	5415593	0.15364	390	390	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421228	5415693	0.1482	390	390	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421228	5415793	0.14065	391	391	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421228	5415893	0.13179	392.69	392.69	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421228	5415993	0.12204	395.01	395.01	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421228	5416093	0.11148	398.13	398.13	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421228	5416193	0.10295	400	400	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421328	5415293	0.17434	382.85	382.85	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421328	5415393	0.16751	386	386	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421328	5415493	0.16065	387.64	387.64	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421328	5415593	0.15362	388.4	388.4	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421328	5415693	0.14596	389	389	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421328	5415793	0.13858	389	389	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421328	5415893	0.13007	389.92	389.92	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421328	5415993	0.12069	391.84	391.84	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421328	5416093	0.10874	396.39	396.39	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421328	5416193	0.10394	400.72	400.72	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	421428	5415293	0.17742	381.53	381.53	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421428	5415393	0.17001	383.23	383.23	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421428	5415493	0.16079	385.42	385.42	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421428	5415593	0.15171	386.74	386.74	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421428	5415693	0.14352	387	387	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421428	5415793	0.13454	388	388	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421428	5415893	0.12705	388	388	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421428	5415993	0.11899	389.03	389.03	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421428	5416093	0.11426	393.04	398	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	421428	5416193	0.10747	400.18	400.18	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	421528	5415293	0.176	382	382	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421528	5415393	0.16814	382.29	382.29	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421528	5415493	0.15813	384	384	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421528	5415593	0.14864	385	385	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421528	5415693	0.1393	386	386	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421528	5415793	0.1307	386.78	386.78	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421528	5415893	0.12317	387.87	387.87	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	421528	5415993	0.12168	389	389	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	421528	5416093	0.11983	389.51	389.51	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	421528	5416193	0.11461	393.54	394	0 MONTH	EMRSS	1ST		12/31/1996 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421628	5415293	0.17268	382	382	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421628	5415393	0.16374	382.15	382.15	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421628	5415493	0.15397	383	383	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421628	5415593	0.14431	384	384	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421628	5415693	0.13536	384.9	384.9	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421628	5415793	0.1294	386	386	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	421628	5415893	0.12744	387	387	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	421628	5415993	0.12395	389	389	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	421628	5416093	0.11993	390.57	390.57	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	421628	5416193	0.1169	392.28	392.28	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	421728	5415293	0.16655	383	383	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421728	5415393	0.15729	383	383	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421728	5415493	0.14729	384	384	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421728	5415593	0.13802	385	385	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421728	5415693	0.13514	385	385	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	421728	5415793	0.13301	385.27	385.27	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	421728	5415893	0.12906	387	387	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	421728	5415993	0.12585	388	388	0 MONTH	EMRSS	1ST		3/31/1999 24 hr
TMA	421728	5416093	0.12365	389	389	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	421728	5416193	0.12116	390	390	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	421828	5415293	0.15951	384	384	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421828	5415393	0.14953	384.74	384.74	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421828	5415493	0.14119	386	386	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	421828	5415593	0.1393	386.33	386.33	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	421828	5415693	0.13691	386	386	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	421828	5415793	0.13434	386	386	0 MONTH	EMRSS	1ST		3/31/1999 24 hr
TMA	421828	5415893	0.13146	387	387	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	421828	5415993	0.12897	388	388	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	421828	5416093	0.1261	389	389	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	421828	5416193	0.12296	390	390	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	421928	5415293	0.15254	385	385	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	421928	5415393	0.14776	385	385	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	421928	5415493	0.14304	387.85	387.85	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	421928	5415593	0.13802	389.73	389.73	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	421928	5415693	0.13726	388.41	388.41	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	421928	5415793	0.13687	386.75	386.75	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	421928	5415893	0.13452	387	387	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	421928	5415993	0.13129	388	388	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	421928	5416093	0.12785	389	389	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	421928	5416193	0.12431	390	390	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422028	5415293	0.15185	387	387	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	422028	5415393	0.1495	386	386	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	422028	5415493	0.14506	387.91	387.91	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422028	5415593	0.14153	390	390	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422028	5415693	0.13946	390	390	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422028	5415793	0.13844	388.35	388.35	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422028	5415893	0.13596	388	388	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422028	5415993	0.13305	388.03	388.03	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422028	5416093	0.12934	389	389	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422028	5416193	0.12567	390	390	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422128	5415293	0.15186	389	389	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422128	5415393	0.15142	388	388	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422128	5415493	0.15027	387	387	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422128	5415593	0.14585	389.01	389.01	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422128	5415693	0.14206	390	390	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422128	5415793	0.13999	389	389	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422128	5415893	0.13712	388.77	388.77	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422128	5415993	0.13337	389.55	389.55	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422128	5416093	0.13007	390	390	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422128	5416193	0.12636	391.08	391.08	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422228	5415293	0.15593	390	390	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	422228	5415393	0.15453	389	389	0 MONTH	EMRSS	1ST		12/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422228	5415493	0.15264	388	388	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422228	5415593	0.14911	388.35	388.35	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422228	5415693	0.14517	389	389	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422228	5415793	0.14191	389	389	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422228	5415893	0.13877	389	389	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422228	5415993	0.1348	390	390	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422228	5416093	0.13104	391	391	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422228	5416193	0.12645	392.98	392.98	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422328	5415293	0.15983	390	390	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422328	5415393	0.15655	390	390	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422328	5415493	0.15405	389.15	389.15	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422328	5415593	0.15071	389	389	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422328	5415693	0.14729	389	389	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422328	5415793	0.14306	389.89	389.89	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422328	5415893	0.13988	390	390	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422328	5415993	0.13702	390	390	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422328	5416093	0.13326	391	391	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422328	5416193	0.12823	393.31	393.31	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422428	5415293	0.16406	389.06	389.06	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422428	5415393	0.15915	390	390	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422428	5415493	0.15545	390	390	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422428	5415593	0.15066	391	391	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422428	5415693	0.14848	390	390	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422428	5415793	0.14471	390.49	390.49	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422428	5415893	0.1411	391	391	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422428	5415993	0.13895	391	391	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422428	5416093	0.14124	392	392	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422428	5416193	0.14103	394	394	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422528	5415293	0.16565	390	390	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422528	5415393	0.15998	391.3	391.3	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422528	5415493	0.15385	393.05	393.05	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422528	5415593	0.14881	394.16	394.16	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422528	5415693	0.14563	394.07	394.07	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422528	5415793	0.14259	393.98	393.98	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422528	5415893	0.14761	393	393	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422528	5415993	0.15289	392	392	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422528	5416093	0.15552	392	392	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422528	5416193	0.15474	393.43	393.43	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422628	5415293	0.16841	390	390	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422628	5415393	0.16011	392.95	392.95	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422628	5415493	0.15197	395.85	395.85	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422628	5415593	0.14557	397.7	397.7	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422628	5415693	0.14642	397.61	397.61	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422628	5415793	0.15252	396.52	396.52	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422628	5415893	0.15816	395.2	395.2	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422628	5415993	0.16258	394	394	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422628	5416093	0.16567	393	393	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422628	5416193	0.16483	393.57	393.57	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422728	5415293	0.16852	391.69	391.69	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422728	5415393	0.16073	394.01	394.01	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422728	5415493	0.15587	397.33	397.33	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422728	5415593	0.15288	400	400	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422728	5415693	0.15575	400	400	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422728	5415793	0.16093	398.74	398.74	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422728	5415893	0.16628	397	397	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422728	5415993	0.17095	395.08	395.08	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422728	5416093	0.17273	394	394	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422728	5416193	0.17145	394	394	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422828	5415293	0.17747	392.75	392.75	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422828	5415393	0.17574	395	395	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422828	5415493	0.17334	397	397	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422828	5415593	0.17055	398.71	398.71	0	MONTH	EMRSS	1ST	2/28/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422828	5415693	0.1707	399	399	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422828	5415793	0.17078	399	399	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422828	5415893	0.17224	398.18	398.18	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422828	5415993	0.1738	397	397	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422828	5416093	0.17413	396	396	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422828	5416193	0.17377	395	395	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422928	5415293	0.19428	393.5	393.5	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422928	5415393	0.19144	395.13	395.13	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422928	5415493	0.18676	397	397	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422928	5415593	0.18137	398.77	398.77	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422928	5415693	0.17968	399	399	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422928	5415793	0.17795	399	399	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422928	5415893	0.17561	399	399	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422928	5415993	0.17541	398	398	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422928	5416093	0.17459	397	397	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422928	5416193	0.17325	396	396	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423028	5415293	0.208	393.89	393.89	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423028	5415393	0.20392	395	395	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423028	5415493	0.19779	396.51	396.51	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423028	5415593	0.19147	397.84	397.84	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423028	5415693	0.18515	399	399	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423028	5415793	0.18052	399.46	399.46	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423028	5415893	0.17618	399.7	399.7	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423028	5415993	0.17414	399	399	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423028	5416093	0.1725	398	398	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423028	5416193	0.16807	398	398	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423128	5415293	0.21502	394.93	394.93	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423128	5415393	0.20864	396	396	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423128	5415493	0.20097	397.3	397.3	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423128	5415593	0.19343	398.44	398.44	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423128	5415693	0.18746	399	399	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423128	5415793	0.18001	400	400	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423128	5415893	0.17542	400	400	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423128	5415993	0.17345	399	399	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423128	5416093	0.16864	399	399	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423128	5416193	0.16387	399	399	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423228	5415293	0.22052	395	395	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423228	5415393	0.20911	397	397	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423228	5415493	0.19867	398.66	398.66	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423228	5415593	0.18928	400	400	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423228	5415693	0.18417	400	400	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423228	5415793	0.17899	400	400	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423228	5415893	0.17662	399	399	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423228	5415993	0.1714	399	399	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423228	5416093	0.16632	399	399	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423228	5416193	0.15895	400	400	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423328	5415293	0.21887	396.05	396.05	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423328	5415393	0.20619	398	398	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423328	5415493	0.19691	399	399	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423328	5415593	0.18787	400	400	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423328	5415693	0.18218	400	400	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423328	5415793	0.17661	400	400	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423328	5415893	0.17395	399	399	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423328	5415993	0.17122	398	398	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423328	5416093	0.16598	398	398	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423328	5416193	0.1586	399.01	399.01	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423428	5415293	0.21445	397	397	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423428	5415393	0.20279	398.43	398.43	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423428	5415493	0.19443	399	399	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423428	5415593	0.1855	399.86	399.86	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423428	5415693	0.18213	399	399	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423428	5415793	0.17904	398.03	398.03	0 MONTH	EMRSS	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	423428	5415893	0.17606	397	397	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423428	5415993	0.17298	396	396	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423428	5416093	0.16853	395.59	395.59	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423428	5416193	0.16246	396	396	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423528	5415293	0.2113	397	397	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423528	5415393	0.20082	398	398	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423528	5415493	0.19091	399	399	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423528	5415593	0.18461	399	399	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423528	5415693	0.1806	398.3	398.3	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423528	5415793	0.17826	397	397	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423528	5415893	0.17523	395.93	395.93	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423528	5415993	0.17309	394.45	394.45	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423528	5416093	0.17023	393.24	393.24	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423528	5416193	0.16559	392.91	392.91	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423628	5415293	0.20037	399	399	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423628	5415393	0.19351	399	399	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423628	5415493	0.18629	399.23	399.23	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423628	5415593	0.18041	399.14	399.14	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423628	5415693	0.17623	398.54	398.54	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423628	5415793	0.17412	397.18	397.18	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423628	5415893	0.17175	395.87	395.87	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423628	5415993	0.1705	394	394	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423628	5416093	0.16879	392.23	392.23	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423628	5416193	0.16588	391	391	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423728	5415293	0.19279	400	400	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423728	5415393	0.18628	400	400	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423728	5415493	0.18012	400	400	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423728	5415593	0.17558	400	400	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423728	5415693	0.17369	399	399	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423728	5415793	0.17166	398	398	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423728	5415893	0.17062	396	396	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423728	5415993	0.16902	394.18	394.18	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423728	5416093	0.16656	393	393	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423728	5416193	0.16391	391.86	391.86	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423828	5415293	0.19375	400	400	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423828	5415393	0.18967	400	400	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423828	5415493	0.18562	400	400	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423828	5415593	0.1816	400	400	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423828	5415693	0.17914	398.89	398.89	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423828	5415793	0.17735	397.07	397.07	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423828	5415893	0.17442	396	396	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423828	5415993	0.17184	394.43	394.43	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423828	5416093	0.16881	393.11	393.11	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423828	5416193	0.16546	392	392	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423928	5415293	0.19931	400	400	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423928	5415393	0.19434	400	400	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423928	5415493	0.18943	400	400	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423928	5415593	0.18601	399	399	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423928	5415693	0.18309	397.51	397.51	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423928	5415793	0.17995	396	396	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423928	5415893	0.17608	395	395	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423928	5415993	0.17213	394	394	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423928	5416093	0.16843	392.65	392.65	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423928	5416193	0.16491	390.93	390.93	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424028	5415293	0.20098	400	400	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424028	5415393	0.19511	400	400	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424028	5415493	0.18936	400	400	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424028	5415593	0.18371	400	400	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424028	5415693	0.18024	398.46	398.46	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424028	5415793	0.17788	395.78	395.78	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424028	5415893	0.17513	393	393	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424028	5415993	0.16959	393	393	0 MONTH	EMRSS	1ST		8/31/1996 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	424028	5416093	0.16668	391.09	391.09	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424028	5416193	0.16525	389.68	389.68	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424128	5415293	0.19814	400	400	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424128	5415393	0.19154	400	400	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424128	5415493	0.18361	401	401	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424128	5415593	0.17747	401	401	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424128	5415693	0.17394	399.21	399.21	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424128	5415793	0.17749	393.89	393.89	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424128	5415893	0.18177	390	390	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424128	5415993	0.17736	390	390	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424128	5416093	0.17124	390.97	390.97	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424128	5416193	0.17142	388.86	388.86	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423228	5415193	0.22934	393.68	393.68	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423228	5415093	0.23881	392	392	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423328	5415193	0.23193	394	394	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423328	5415093	0.24475	391.99	391.99	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423428	5415193	0.22847	395	395	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423428	5415093	0.23925	394	394	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423528	5415193	0.22234	396	396	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423528	5415093	0.23385	395	395	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423628	5415193	0.2113	397.96	397.96	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423628	5415093	0.22632	396	396	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423728	5415193	0.20325	398.97	398.97	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423728	5415093	0.2179	397	397	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423828	5415193	0.20086	398.4	398.4	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423828	5415093	0.2131	397	397	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423928	5415193	0.2061	399	399	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423928	5415093	0.21351	397.77	397.77	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424028	5415193	0.20695	400	400	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424028	5415093	0.21496	398.97	398.97	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424028	5414993	0.22415	397.46	397.46	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424028	5414893	0.23358	396	396	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424028	5414793	0.23817	397.12	397.12	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424028	5414693	0.23977	399.44	399.44	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424128	5415193	0.20493	400	400	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424128	5415093	0.21375	399	399	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424128	5414993	0.22294	398	398	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424128	5414893	0.23224	397.14	397.14	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424128	5414793	0.23832	398	398	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	424128	5414693	0.24314	399.38	399.38	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	420028	5413493	0.12381	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5413593	0.12819	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5413693	0.13381	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5413793	0.13995	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5413893	0.14569	379.08	379.08	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5413993	0.15049	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5414093	0.15371	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5414193	0.15631	377.89	377.89	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5414293	0.15828	376	376	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5414393	0.1594	373.92	373.92	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5414493	0.15943	372.25	372.25	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5414593	0.15719	373	373	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5414693	0.15345	375.1	375.1	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5414793	0.15031	375.76	375.76	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5414893	0.14729	375.64	375.64	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5414993	0.1418	378.09	378.09	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5415093	0.13589	380.44	380.44	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5415193	0.13202	380.23	380.23	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5415293	0.12819	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5415393	0.12437	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5415493	0.12094	379.87	379.87	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5415593	0.11762	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420028	5415693	0.11403	381	381	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5415793	0.11067	382	382	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5415893	0.10792	382	382	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5415993	0.10506	382	382	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5416093	0.10244	381	381	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420028	5416193	0.10451	380.09	380.09	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419928	5413493	0.11884	377.92	377.92	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5413593	0.12231	377.82	377.82	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5413693	0.12721	377.73	377.73	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5413793	0.13302	377.63	377.63	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5413893	0.13934	377	377	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5413993	0.14463	377	377	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5414093	0.14938	376	376	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5414193	0.15269	375	375	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5414293	0.15507	373.32	373.32	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5414393	0.1561	372.06	372.06	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5414493	0.15557	372	372	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5414593	0.15258	374.56	374.56	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5414693	0.147	379.09	379.09	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5414793	0.14414	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5414893	0.14172	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5414993	0.13879	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5415093	0.13517	380.27	380.27	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5415193	0.13165	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5415293	0.12835	379.23	379.23	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5415393	0.12465	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5415493	0.12099	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5415593	0.11693	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5415693	0.11261	382	382	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5415793	0.10868	384	384	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5415893	0.10602	384.34	384.34	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5415993	0.10409	383.34	383.34	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5416093	0.10229	381.47	381.47	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5416193	0.09997	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5413493	0.11502	376	376	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5413593	0.11753	376	376	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5413693	0.12202	375.18	375.18	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5413793	0.12719	375.07	375.07	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5413893	0.13289	375	375	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5413993	0.13893	374	374	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5414093	0.14412	373	373	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5414193	0.14779	372.71	372.71	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5414293	0.15035	372	372	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5414393	0.15162	371.52	371.52	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5414493	0.15138	372	372	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5414593	0.14886	374.71	374.71	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5414693	0.14553	377.27	377.27	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5414793	0.14143	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5414893	0.14001	379.38	379.38	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5414993	0.13792	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5415093	0.13505	378.96	378.96	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5415193	0.13186	378.77	378.77	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5415293	0.12808	378.93	378.93	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5415393	0.12424	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5415493	0.11996	379.79	379.79	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5415593	0.11635	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5415693	0.11103	383.2	383.2	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5415793	0.10611	386.41	386.41	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5415893	0.10283	387.89	387.89	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5415993	0.10134	387	387	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5416093	0.10086	383.65	390	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419828	5416193	0.10027	379.04	392	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419728	5413493	0.11008	377.15	377.15	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5413593	0.11252	375.65	375.65	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5413693	0.11654	374	374	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5413793	0.12147	373	373	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5413893	0.12677	372.77	372.77	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5413993	0.13255	372	372	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5414093	0.13788	371.25	371.25	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5414193	0.14211	371	371	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5414293	0.14509	371	371	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5414393	0.14641	372	372	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5414493	0.14698	372.11	372.11	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5414593	0.14621	373	373	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5414693	0.14399	374.99	374.99	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5414793	0.14188	376	376	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5414893	0.1398	376.51	376.51	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5414993	0.1374	377	377	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5415093	0.13479	377.23	377.23	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5415193	0.13069	378.9	378.9	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5415293	0.12662	379.98	379.98	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5415393	0.12307	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5415493	0.11866	381.06	381.06	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5415593	0.11305	383.84	383.84	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5415693	0.10791	386.38	386.38	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5415793	0.10277	389.45	389.45	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5415893	0.10024	390	390	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5415993	0.09764	391	391	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5416093	0.0952	392	392	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5416193	0.09404	391	391	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5413093	0.12888	380	380	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	419628	5413193	0.11996	380	380	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	419628	5413293	0.10969	380	380	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	419628	5413393	0.10533	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5413493	0.10552	378.97	378.97	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5413593	0.10729	377	377	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5413693	0.11055	375	375	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5413793	0.11522	372.96	372.96	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5413893	0.12085	371	371	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5413993	0.1264	370	370	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5414093	0.13103	371	371	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5414193	0.13553	371.12	371.12	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5414293	0.13879	372	372	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5414393	0.14122	372.03	372.03	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5414493	0.14086	375.26	375.26	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5414593	0.1393	377.75	377.75	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5414693	0.14	375.85	375.85	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5414793	0.13886	375.94	375.94	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5414893	0.1374	376.04	376.04	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5414993	0.13496	377.11	377.11	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5415093	0.13157	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5415193	0.12811	380.49	380.49	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5415293	0.12419	382	382	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5415393	0.11978	383.57	383.57	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5415493	0.11497	385.26	385.26	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5415593	0.11013	386.93	386.93	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5415693	0.10597	388.07	388.07	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5415793	0.10242	389	389	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5415893	0.10033	388.71	388.71	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5415993	0.09736	390	390	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5416093	0.09492	391	391	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419628	5416193	0.09327	391	391	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5413093	0.12877	380	380	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	419528	5413193	0.12099	380	380	0 MONTH	EMRSS	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419528	5413293	0.11157	380	380	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	419528	5413393	0.10258	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5413493	0.10196	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5413593	0.10289	378.23	378.23	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5413693	0.106	374.7	374.7	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5413793	0.11064	371.02	371.02	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5413893	0.11507	370	370	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5413993	0.11943	370.62	370.62	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5414093	0.12425	371	371	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5414193	0.12864	372	372	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5414293	0.13216	373.58	373.58	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5414393	0.13506	374	374	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5414493	0.13527	377.2	377.2	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5414593	0.13395	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5414693	0.13396	379.49	379.49	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5414793	0.13394	378.41	378.41	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5414893	0.13312	378	378	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5414993	0.13097	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5415093	0.12863	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5415193	0.12569	381.42	381.42	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5415293	0.12161	383.74	383.74	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5415393	0.11701	386	386	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5415493	0.11324	386.85	386.85	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5415593	0.11009	386.76	386.76	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5415693	0.10778	385.66	385.66	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5415793	0.10556	384.57	384.57	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5415893	0.10214	385.47	385.47	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5415993	0.09796	387.98	387.98	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5416093	0.09526	389.08	389.08	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5416193	0.0935	389.19	389.19	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5413093	0.13032	378	378	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	419428	5413193	0.12262	379	379	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	419428	5413293	0.11411	379	379	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	419428	5413393	0.10346	380	380	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	419428	5413493	0.09924	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5413593	0.09944	378.71	378.71	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5413693	0.10205	374.4	374.4	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5413793	0.10613	370.08	370.08	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5413893	0.10938	370	370	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5413993	0.11303	371	371	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5414093	0.11731	372	372	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5414193	0.1217	373.19	373.19	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5414293	0.12557	374.78	374.78	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5414393	0.12914	375	375	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5414493	0.13072	377	377	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5414593	0.1308	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5414693	0.13042	379.79	379.79	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5414793	0.13044	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5414893	0.1294	379.13	379.13	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5414993	0.12757	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5415093	0.12549	381.01	381.01	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5415193	0.12231	383.15	383.15	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5415293	0.11903	385	385	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5415393	0.11691	385	385	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5415493	0.11527	383.78	383.78	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5415593	0.11285	383	383	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5415693	0.11034	382.01	382.01	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5415793	0.10781	381	381	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5415893	0.10441	381.54	381.54	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5415993	0.0996	384.75	384.75	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5416093	0.09583	387	387	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419428	5416193	0.09286	388.7	388.7	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419328	5413093	0.13012	377	377	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	419328	5413193	0.12273	378.95	378.95	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	419328	5413293	0.11415	380	380	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	419328	5413393	0.10426	381	381	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	419328	5413493	0.09677	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5413593	0.09755	376.33	376.33	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5413693	0.0994	372.21	372.21	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5413793	0.10177	370	370	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5413893	0.10429	370	370	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5413993	0.10732	371	371	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5414093	0.11081	372.81	372.81	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5414193	0.11507	374	374	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5414293	0.11935	375.05	375.05	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5414393	0.12308	376	376	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5414493	0.12624	376	376	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5414593	0.12725	378	378	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5414693	0.12747	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5414793	0.12667	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5414893	0.12578	380.23	380.23	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5414993	0.12378	381.51	381.51	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5415093	0.12143	383	383	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5415193	0.11941	384	384	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5415293	0.11809	383.97	383.97	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5415393	0.11784	382.06	382.06	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5415493	0.11635	381	381	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5415593	0.11434	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5415693	0.1116	379.62	379.62	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5415793	0.10846	379.62	379.62	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5415893	0.10378	382.14	382.14	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5415993	0.09789	386.55	386.55	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5416093	0.0937	389	389	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5416193	0.09106	390	390	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5413093	0.128	377.57	377.57	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	419228	5413193	0.12228	379	379	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	419228	5413293	0.11481	380	380	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	419228	5413393	0.10675	380	380	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	419228	5413493	0.10027	377.16	377.16	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	419228	5413593	0.09607	372.84	372.84	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5413693	0.09706	369.96	369.96	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5413793	0.09836	369	369	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5413893	0.10024	369	369	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5413993	0.10235	370.64	370.64	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5414093	0.10488	373.35	373.35	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5414193	0.10835	375.59	375.59	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5414293	0.1128	376.25	376.25	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5414393	0.11693	377	377	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5414493	0.12026	377.84	377.84	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5414593	0.12233	378.96	378.96	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5414693	0.12318	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5414793	0.12291	380.97	380.97	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5414893	0.12174	382	382	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5414993	0.12029	382.73	382.73	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5415093	0.11903	383	383	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5415193	0.11806	382.88	382.88	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5415293	0.11782	381.67	381.67	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5415393	0.11688	381	381	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5415493	0.11573	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5415593	0.11351	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5415693	0.11147	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5415793	0.10798	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5415893	0.10319	382.83	382.83	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419228	5415993	0.09674	387.77	387.77	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419228	5416093	0.09317	389.06	389.06	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419228	5416193	0.09032	390	390	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5413093	0.12654	377	377	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	419128	5413193	0.12263	377.7	377.7	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	419128	5413293	0.11713	377.75	377.75	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	419128	5413393	0.11089	376.54	376.54	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	419128	5413493	0.10474	373.22	373.22	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	419128	5413593	0.09771	369.9	369.9	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	419128	5413693	0.09449	369	369	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5413793	0.09524	368.28	368.28	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5413893	0.0958	370.05	370.05	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5413993	0.09612	374.28	374.28	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5414093	0.09765	377.69	377.69	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5414193	0.10104	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5414293	0.10578	378.74	378.74	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5414393	0.11077	378	378	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5414493	0.11444	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5414593	0.11718	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5414693	0.11909	380.34	380.34	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5414793	0.11966	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5414893	0.11952	381.23	381.23	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5414993	0.11907	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5415093	0.11817	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5415193	0.11716	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5415293	0.1165	380.44	380.44	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5415393	0.11561	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5415493	0.11417	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5415593	0.11237	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5415693	0.11128	378	378	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5415793	0.10846	378.43	378.43	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5415893	0.10393	381.39	381.39	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5415993	0.09952	383.76	383.76	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5416093	0.0959	384.98	384.98	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5416193	0.09396	384	384	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5416393	0.09084	381.62	391	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5416593	0.08927	376.62	376.62	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5416793	0.08636	373.32	373.32	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5416993	0.08277	370	370	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419128	5417193	0.08435	370	370	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	419128	5417393	0.0886	372	372	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	419128	5417593	0.09188	373	373	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	419128	5417793	0.09335	371	371	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	419128	5417993	0.09207	366.05	366.05	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	419128	5418193	0.08974	370	370	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	419128	5418393	0.08549	369.68	369.68	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	419128	5418593	0.08036	362.04	362.04	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	419128	5418793	0.0753	363	363	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	419128	5418993	0.07019	363	363	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	419128	5419193	0.06563	362	362	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	419328	5416393	0.08815	389.8	389.8	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419328	5416593	0.08956	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419328	5416793	0.08632	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	419328	5416993	0.08907	372	372	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	419328	5417193	0.09366	373.69	373.69	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	419328	5417393	0.09672	375.97	375.97	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	419328	5417593	0.09805	375	375	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	419328	5417793	0.09678	370.19	370.19	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	419328	5417993	0.0932	367.5	367.5	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	419328	5418193	0.08844	370	370	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	419328	5418393	0.08276	368.56	368.56	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	419328	5418593	0.07724	364.82	364.82	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	419328	5418793	0.07164	365	365	0	MONTH	EMRSS	1ST	1/31/2000 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419328	5418993	0.0665	365	365	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419328	5419193	0.06231	364	364	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419528	5416393	0.09126	387	387	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5416593	0.08903	382.03	382.03	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5416793	0.09186	380	380	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419528	5416993	0.09931	374.51	374.51	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419528	5417193	0.10158	379.24	379.24	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419528	5417393	0.10233	380	380	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419528	5417593	0.10082	378	378	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419528	5417793	0.09699	373.78	373.78	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419528	5417993	0.09148	369.84	369.84	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419528	5418193	0.08507	370	370	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419528	5418393	0.07853	370	370	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419528	5418593	0.07306	366.98	366.98	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419528	5418793	0.06767	367	367	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419528	5418993	0.06408	368	368	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	419528	5419193	0.06305	367	367	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	419728	5416393	0.09456	379.91	390	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5416593	0.09797	380	380	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419728	5416793	0.10386	380	380	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419728	5416993	0.10732	380	380	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419728	5417193	0.10846	376.34	376.34	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419728	5417393	0.10493	380	380	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419728	5417593	0.09991	379	379	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419728	5417793	0.09377	376	376	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419728	5417993	0.08635	376.16	376.16	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419728	5418193	0.08013	371.96	371.96	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419728	5418393	0.07416	370	370	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419728	5418593	0.06857	370	370	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419728	5418793	0.06753	369	369	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	419728	5418993	0.06627	370	370	0 MONTH	EMRSS	1ST		3/31/1999 24 hr
TMA	419728	5419193	0.06513	369.35	369.35	0 MONTH	EMRSS	1ST		3/31/1999 24 hr
TMA	419928	5416393	0.1052	379	379	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419928	5416593	0.11106	379	379	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419928	5416793	0.11372	380	380	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419928	5416993	0.11332	380	380	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419928	5417193	0.10986	379.01	379.01	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419928	5417393	0.10247	382.65	382.65	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419928	5417593	0.09458	383	383	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419928	5417793	0.08709	381	381	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419928	5417993	0.07962	380	380	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419928	5418193	0.07423	375.81	375.81	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	419928	5418393	0.07223	371	371	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	419928	5418593	0.0711	372	372	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	419928	5418793	0.06969	371.94	371.94	0 MONTH	EMRSS	1ST		3/31/1999 24 hr
TMA	419928	5418993	0.06794	374	374	0 MONTH	EMRSS	1ST		3/31/1999 24 hr
TMA	419928	5419193	0.06607	371.55	371.55	0 MONTH	EMRSS	1ST		3/31/1999 24 hr
TMA	420128	5416393	0.11828	379	391	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	420128	5416593	0.12047	380.31	380.31	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	420128	5416793	0.11899	380.79	380.79	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	420128	5416993	0.11382	381.72	381.72	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	420128	5417193	0.10548	384.07	384.07	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	420128	5417393	0.09524	387.27	387.27	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	420128	5417593	0.08492	390	390	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	420128	5417793	0.07679	390	390	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	420128	5417993	0.0747	389.32	389.32	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	420128	5418193	0.07626	376.69	376.69	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	420128	5418393	0.07446	376	376	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	420128	5418593	0.07257	378.22	378.22	0 MONTH	EMRSS	1ST		3/31/1999 24 hr
TMA	420128	5418793	0.07036	378	378	0 MONTH	EMRSS	1ST		3/31/1999 24 hr
TMA	420128	5418993	0.06828	375	375	0 MONTH	EMRSS	1ST		3/31/1999 24 hr
TMA	420128	5419193	0.06649	370.18	370.18	0 MONTH	EMRSS	1ST		3/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420328	5416393	0.11785	394.11	394.11	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420328	5416593	0.12001	388.83	402	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420328	5416793	0.11395	390	390	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420328	5416993	0.10747	387	387	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420328	5417193	0.09595	390.17	390.17	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420328	5417393	0.08575	391.55	391.55	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420328	5417593	0.07543	398.53	398.53	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	420328	5417793	0.07915	389.83	395	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	420328	5417993	0.07971	382.29	382.29	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	420328	5418193	0.078	379	379	0	MONTH	EMRSS	1ST	3/31/1999 24 hr
TMA	420328	5418393	0.07558	380	380	0	MONTH	EMRSS	1ST	3/31/1999 24 hr
TMA	420328	5418593	0.07237	381.41	389	0	MONTH	EMRSS	1ST	3/31/1999 24 hr
TMA	420328	5418793	0.07034	378.66	378.66	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420328	5418993	0.06856	374.03	374.03	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420328	5419193	0.06694	370	370	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420528	5416393	0.11533	400	400	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420528	5416593	0.11056	398.52	398.52	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420528	5416793	0.10557	394.09	394.09	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420528	5416993	0.09846	390	390	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420528	5417193	0.08243	398.39	398.39	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420528	5417393	0.08034	399	399	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	420528	5417593	0.08227	394	394	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	420528	5417793	0.08198	388.71	388.71	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	420528	5417993	0.08063	384.08	384.08	0	MONTH	EMRSS	1ST	3/31/1999 24 hr
TMA	420528	5418193	0.07811	382.79	382.79	0	MONTH	EMRSS	1ST	3/31/1999 24 hr
TMA	420528	5418393	0.07471	386	386	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420528	5418593	0.07104	389	389	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420528	5418793	0.06996	382.54	382.54	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420528	5418993	0.06868	377.9	377.9	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420528	5419193	0.06836	370	370	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420728	5416393	0.11279	399.94	399.94	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420728	5416593	0.09271	408.61	408.61	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420728	5416793	0.08812	403.72	407	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420728	5416993	0.08467	400	400	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	420728	5417193	0.08495	400	400	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	420728	5417393	0.08342	400	400	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	420728	5417593	0.08253	395.45	395.45	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	420728	5417793	0.08225	390.59	390.59	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420728	5417993	0.081	386.08	386.08	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420728	5418193	0.0777	386.97	386.97	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420728	5418393	0.07395	389	389	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420728	5418593	0.07096	389.52	389.52	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420728	5418793	0.06936	387.61	387.61	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420728	5418993	0.06997	379.78	379.78	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420728	5419193	0.07056	370	370	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420928	5416393	0.11266	393.03	393.03	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420928	5416593	0.08768	405.33	411	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	420928	5416793	0.08218	410.89	410.89	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	420928	5416993	0.09002	400	400	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	420928	5417193	0.08841	398	398	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	420928	5417393	0.08513	399	399	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420928	5417593	0.08176	400.9	400.9	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420928	5417793	0.07933	399.46	399.46	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420928	5417993	0.0804	389.18	389.18	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420928	5418193	0.07763	388.2	388.2	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420928	5418393	0.07509	388	388	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420928	5418593	0.07307	388	388	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420928	5418793	0.07348	382.29	382.29	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	420928	5418993	0.07619	377	377	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	420928	5419193	0.07936	375.98	375.98	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	421128	5416393	0.09718	399.78	399.78	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	421128	5416593	0.09786	399	399	0	MONTH	EMRSS	1ST	12/31/1996 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON)
TMA	421928	5417193	0.08817	409.1	409.1	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	421928	5417393	0.09054	410	410	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	421928	5417593	0.11475	393	411	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	421928	5417793	0.12536	384	384	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	421928	5417993	0.12657	380.75	380.75	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	421928	5418193	0.12554	378.7	378.7	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	421928	5418393	0.12136	381	381	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	421928	5418593	0.11713	382	382	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	421928	5418793	0.11641	373.64	373.64	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	421928	5418993	0.11264	371.04	371.04	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	421928	5419193	0.1082	370.75	370.75	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422128	5416393	0.11879	394	394	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422128	5416593	0.11373	395.06	395.06	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
TMA	422128	5416793	0.11761	396	396	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422128	5416993	0.11716	399	399	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422128	5417193	0.10493	407.86	407.86	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422128	5417393	0.10905	406.01	406.01	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422128	5417593	0.12187	397.06	399	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422128	5417793	0.1345	383	383	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422128	5417993	0.13193	381.1	381.1	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422128	5418193	0.12798	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422128	5418393	0.12293	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422128	5418593	0.1177	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422128	5418793	0.11353	378	378	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422128	5418993	0.10975	375	375	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422128	5419193	0.1059	372	372	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422328	5416393	0.12687	397.94	397.94	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422328	5416593	0.12752	400	400	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422328	5416793	0.1333	398	398	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422328	5416993	0.13025	399.85	399.85	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422328	5417193	0.12853	400	400	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422328	5417393	0.11636	404.9	410	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422328	5417593	0.1331	390.69	410	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422328	5417793	0.13633	383.61	383.61	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422328	5417993	0.13235	381	381	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422328	5418193	0.12693	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422328	5418393	0.12096	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422328	5418593	0.11527	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422328	5418793	0.11025	379.44	379.44	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422328	5418993	0.10696	375.81	375.81	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422328	5419193	0.10379	371.17	371.17	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422528	5416393	0.1474	398.06	398.06	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422528	5416593	0.13609	403.25	403.25	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422528	5416793	0.13842	401.07	401.07	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422528	5416993	0.13092	403	403	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422528	5417193	0.13381	398.82	398.82	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422528	5417393	0.1368	393.16	393.16	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422528	5417593	0.13679	388	388	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422528	5417793	0.12787	390	390	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422528	5417993	0.13048	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422528	5418193	0.12404	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422528	5418393	0.11806	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422528	5418593	0.1125	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422528	5418793	0.10916	376.32	376.32	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422528	5418993	0.10515	373.94	373.94	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422528	5419193	0.10165	370.17	370.17	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422728	5416393	0.15556	398.18	411	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422728	5416593	0.12983	408.5	408.5	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422728	5416793	0.13584	403.45	403.45	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422728	5416993	0.1184	409	409	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422728	5417193	0.11102	410	410	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422728	5417393	0.12026	401.29	407	0	MONTH	EMRSS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr	Elevation	Hill High	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON)
TMA	422728	5417593	0.13231	389.01	389.01	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422728	5417793	0.13149	383	383	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422728	5417993	0.12779	379	379	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422728	5418193	0.12084	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422728	5418393	0.11504	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422728	5418593	0.1105	378.4	378.4	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422728	5418793	0.10648	376	376	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422728	5418993	0.10306	372	372	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422728	5419193	0.09875	371	371	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422928	5416393	0.16505	396	396	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422928	5416593	0.15245	397.97	397.97	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422928	5416793	0.14122	399.57	399.57	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422928	5416993	0.11148	411	411	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422928	5417193	0.10775	410.25	410.25	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422928	5417393	0.11841	401.05	401.05	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422928	5417593	0.12923	388.47	388.47	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422928	5417793	0.12694	384	384	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422928	5417993	0.12439	378.62	378.62	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422928	5418193	0.11856	378	378	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422928	5418393	0.11163	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422928	5418593	0.10683	379	379	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422928	5418793	0.10208	378.45	378.45	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422928	5418993	0.09793	377.26	377.26	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422928	5419193	0.09401	376.08	376.08	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423128	5416393	0.15236	400	400	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423128	5416593	0.14407	399.94	399.94	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423128	5416793	0.13574	400.25	400.25	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423128	5416993	0.11081	409.88	409.88	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423128	5417193	0.11417	405.04	405.04	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423128	5417393	0.12385	394.92	394.92	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423128	5417593	0.12434	389.14	389.14	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423128	5417793	0.12577	380.07	380.07	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423128	5417993	0.12054	378.23	378.23	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423128	5418193	0.11634	375	375	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423128	5418393	0.10912	377.79	377.79	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423128	5418593	0.10309	379.27	379.27	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423128	5418793	0.09792	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423128	5418993	0.09353	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423128	5419193	0.08948	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423328	5416393	0.1495	399	399	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423328	5416593	0.14116	399	399	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423328	5416793	0.13185	399.91	399.91	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423328	5416993	0.12427	400.28	400.28	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423328	5417193	0.13129	390.84	390.84	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423328	5417393	0.12865	387	387	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423328	5417593	0.12502	383.65	383.65	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423328	5417793	0.12066	381	381	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423328	5417993	0.11531	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423328	5418193	0.11282	375.14	375.14	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423328	5418393	0.1087	373	373	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423328	5418593	0.10281	375	375	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423328	5418793	0.09735	377	377	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423328	5418993	0.09284	378	378	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423328	5419193	0.08992	376.58	376.58	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423528	5416393	0.15352	394.06	394.06	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423528	5416593	0.13882	398.27	398.27	0	MONTH	EMRSS	1ST	8/31/1996 24 hr
TMA	423528	5416793	0.13958	392.03	392.03	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423528	5416993	0.13562	389.28	389.28	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423528	5417193	0.13114	387	387	0	MONTH	EMRSS	1ST	8/31/1996 24 hr
TMA	423528	5417393	0.12632	386	386	0	MONTH	EMRSS	1ST	8/31/1996 24 hr
TMA	423528	5417593	0.12162	384.09	384.09	0	MONTH	EMRSS	1ST	8/31/1996 24 hr
TMA	423528	5417793	0.11689	382	382	0	MONTH	EMRSS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	423528	5417993	0.11306	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423528	5418193	0.11047	376.63	376.63	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423528	5418393	0.1086	371.99	371.99	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423528	5418593	0.10481	371.05	371.05	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423528	5418793	0.0996	373.46	373.46	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423528	5418993	0.09528	375	375	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423528	5419193	0.09284	373.28	373.28	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423728	5416393	0.16117	386.22	386.22	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423728	5416593	0.15179	388.07	388.07	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423728	5416793	0.14532	386.34	386.34	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423728	5416993	0.13868	385	385	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
TMA	423728	5417193	0.13242	384	384	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423728	5417393	0.12827	382.05	382.05	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423728	5417593	0.12362	381	381	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423728	5417793	0.11914	380.25	380.25	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423728	5417993	0.11541	379.06	379.06	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423728	5418193	0.11327	376	376	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423728	5418393	0.11158	372	372	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423728	5418593	0.1088	370	370	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423728	5418793	0.10447	371.39	371.39	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423728	5418993	0.10087	372	372	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423728	5419193	0.09825	371	371	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423928	5416393	0.15906	387.1	387.1	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423928	5416593	0.16236	379	379	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423928	5416793	0.15204	381.26	381.26	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423928	5416993	0.14673	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423928	5417193	0.14022	380.38	380.38	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423928	5417393	0.13505	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423928	5417593	0.13473	374.29	374.29	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423928	5417793	0.1319	371.1	371.1	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423928	5417993	0.12721	371	371	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423928	5418193	0.12282	371	371	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423928	5418393	0.11924	370	370	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423928	5418593	0.11583	369	369	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423928	5418793	0.11215	369.05	369.05	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423928	5418993	0.10834	370	370	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423928	5419193	0.10578	368.13	368.13	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424128	5416393	0.17496	382	382	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424128	5416593	0.17214	378.35	378.35	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424128	5416793	0.16753	376	376	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424128	5416993	0.16134	375.34	375.34	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424128	5417193	0.15733	372.52	372.52	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424128	5417393	0.15164	372	372	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424128	5417593	0.14464	374	374	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424128	5417793	0.13815	375.97	375.97	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424128	5417993	0.13271	377	377	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424128	5418193	0.12966	374.7	374.7	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424128	5418393	0.12758	370	370	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424128	5418593	0.12336	370	370	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424128	5418793	0.11937	370	370	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424128	5418993	0.11526	370.91	370.91	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424128	5419193	0.11163	371.07	371.07	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424328	5416393	0.19251	379.87	379.87	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424328	5416593	0.18762	377.23	377.23	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424328	5416793	0.18247	374.6	374.6	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424328	5416993	0.17624	373	373	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424328	5417193	0.16667	375.86	375.86	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424328	5417393	0.15826	378	378	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424328	5417593	0.15053	379.95	379.95	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424328	5417793	0.14494	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424328	5417993	0.13971	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424328	5418193	0.13534	379.16	379.16	0 MONTH	EMRSS	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	424328	5418393	0.1334	374.52	374.52	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424328	5418593	0.13059	370.41	370.41	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424328	5418793	0.12495	373	373	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424328	5418993	0.11987	375	375	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424328	5419193	0.11597	374.79	374.79	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424528	5416393	0.20974	378.75	378.75	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424528	5416593	0.20493	375	375	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424528	5416793	0.19659	374	374	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424528	5416993	0.18584	375.88	375.88	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424528	5417193	0.17553	378	378	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424528	5417393	0.16707	379	379	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424528	5417593	0.15918	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424528	5417793	0.15279	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424528	5417993	0.14764	379	379	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424528	5418193	0.1429	377.8	377.8	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424528	5418393	0.13976	374.41	374.41	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424528	5418593	0.13631	371.23	371.23	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424528	5418793	0.12862	376	376	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424528	5418993	0.1221	379	379	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424528	5419193	0.11781	378.99	378.99	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424728	5416393	0.2317	374.18	374.18	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424728	5416593	0.21887	375	375	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424728	5416793	0.20682	376	376	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424728	5416993	0.1957	377	377	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424728	5417193	0.18664	377	377	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424728	5417393	0.17778	377.4	377.4	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424728	5417593	0.16933	378	378	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424728	5417793	0.16104	379	379	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424728	5417993	0.15334	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424728	5418193	0.1489	378.1	378.1	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424728	5418393	0.14693	373	373	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424728	5418593	0.14092	373.35	373.35	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424728	5418793	0.13198	378.35	378.35	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424728	5418993	0.12582	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424728	5419193	0.12125	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424928	5416393	0.24223	377.58	377.58	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424928	5416593	0.22887	378	378	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424928	5416793	0.21884	377	377	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424928	5416993	0.20942	376	376	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424928	5417193	0.19934	376	376	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424928	5417393	0.19081	375.31	375.31	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424928	5417593	0.18137	376	376	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424928	5417793	0.17231	377	377	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424928	5417993	0.16388	378	378	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424928	5418193	0.15973	375.01	375.01	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424928	5418393	0.15538	372	372	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424928	5418593	0.14561	376.8	376.8	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424928	5418793	0.13732	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424928	5418993	0.13213	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424928	5419193	0.12798	379	379	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425128	5416393	0.25553	379	379	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425128	5416593	0.24395	378	378	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425128	5416793	0.23451	376	376	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425128	5416993	0.22408	375	375	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425128	5417193	0.21331	374.87	374.87	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425128	5417393	0.20408	374	374	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425128	5417593	0.19463	374	374	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425128	5417793	0.18535	374.56	374.56	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425128	5417993	0.17698	374.82	374.82	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425128	5418193	0.17077	373	373	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425128	5418393	0.163	373.86	373.86	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425128	5418593	0.15357	377.58	377.58	0	MONTH	EMRSS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill High	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	425128	5418793	0.14553	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425128	5418993	0.13993	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425128	5419193	0.13466	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425328	5416393	0.26677	378	378	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425328	5416593	0.25662	376	376	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425328	5416793	0.24536	375	375	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425328	5416993	0.23358	375	375	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425328	5417193	0.2226	375	375	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425328	5417393	0.21236	375	375	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425328	5417593	0.20279	375	375	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425328	5417793	0.19466	374	374	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425328	5417993	0.18692	373	373	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425328	5418193	0.17898	373	373	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425328	5418393	0.17092	374	374	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425328	5418593	0.16267	376	376	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425328	5418793	0.15473	378.11	378.11	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425328	5418993	0.14734	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425328	5419193	0.14178	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425528	5416393	0.26386	376	376	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425528	5416593	0.25256	376	376	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425528	5416793	0.24054	377	377	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425528	5416993	0.23015	377.25	377.25	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425528	5417193	0.21913	378.47	378.47	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425528	5417393	0.20955	379	379	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425528	5417593	0.20291	377.29	377.29	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425528	5417793	0.19589	376	376	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425528	5417993	0.18882	375	375	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425528	5418193	0.182	374	374	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425528	5418393	0.17544	373	373	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425528	5418593	0.16866	373.05	373.05	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425528	5418793	0.16121	375.11	375.11	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425528	5418993	0.15411	377.03	377.03	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425528	5419193	0.14723	379	379	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425728	5416393	0.23918	377	377	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425728	5416593	0.22981	378	378	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425728	5416793	0.22141	378.61	378.61	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425728	5416993	0.21364	379	379	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425728	5417193	0.20538	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425728	5417393	0.19867	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425728	5417593	0.1925	379.69	379.69	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425728	5417793	0.18639	379.45	379.45	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425728	5417993	0.18192	377.55	377.55	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425728	5418193	0.17739	375.34	375.34	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425728	5418393	0.1726	373	373	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425728	5418593	0.16715	372	372	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425728	5418793	0.16148	372.08	372.08	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425728	5418993	0.15574	373	373	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425728	5419193	0.15003	374.4	374.4	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425928	5416393	0.20432	379	379	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425928	5416593	0.19747	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425928	5416793	0.19254	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425928	5416993	0.18783	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425928	5417193	0.18327	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425928	5417393	0.17882	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425928	5417593	0.17551	379	379	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425928	5417793	0.17097	379.16	379.16	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425928	5417993	0.16828	377.29	377.29	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425928	5418193	0.16549	375	375	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425928	5418393	0.1621	373	373	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425928	5418593	0.15807	372	372	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425928	5418793	0.15403	371	371	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425928	5418993	0.14972	371	371	0 MONTH	EMRSS	1ST		2/28/1998 24 hr



Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	425928	5419193	0.14575	370	370	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426128	5416393	0.17613	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426128	5416593	0.17089	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426128	5416793	0.16606	380.2	380.2	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426128	5416993	0.16228	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426128	5417193	0.15865	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426128	5417393	0.15533	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426128	5417593	0.15224	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426128	5417793	0.14932	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426128	5417993	0.1495	376.57	376.57	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426128	5418193	0.14834	374	374	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426128	5418393	0.14587	373	373	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426128	5418593	0.14332	372	372	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426128	5418793	0.14027	372	372	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426128	5418993	0.13763	371	371	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426128	5419193	0.13491	370	370	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426328	5416393	0.16293	379.29	379.29	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426328	5416593	0.15541	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426328	5416793	0.14957	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426328	5416993	0.14451	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426328	5417193	0.14014	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426328	5417393	0.13636	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426328	5417593	0.13404	379	379	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426328	5417793	0.13208	377.97	377.97	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426328	5417993	0.13185	375	375	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426328	5418193	0.13005	374	374	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426328	5418393	0.12832	373	373	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426328	5418593	0.12547	374	374	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426328	5418793	0.12337	374	374	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426328	5418993	0.12133	373.99	373.99	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426328	5419193	0.1198	373	373	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426528	5416393	0.15751	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426528	5416593	0.15009	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426528	5416793	0.14319	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426528	5416993	0.13766	379.12	379.12	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426528	5417193	0.13294	378	378	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426528	5417393	0.12852	377.22	377.22	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426528	5417593	0.12424	377	377	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426528	5417793	0.12112	376	376	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426528	5417993	0.11771	376	376	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426528	5418193	0.11474	376	376	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426528	5418393	0.11103	377.61	377.61	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426528	5418593	0.10853	378	378	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426528	5418793	0.10658	377.99	377.99	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426528	5418993	0.10604	376	376	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426528	5419193	0.10596	373.05	373.05	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426728	5416393	0.15939	380	380	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426728	5416593	0.14839	379	379	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426728	5416793	0.14207	379	379	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426728	5416993	0.1365	378	378	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426728	5417193	0.13043	378	378	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426728	5417393	0.12471	378	378	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426728	5417593	0.11914	378.4	378.4	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426728	5417793	0.11391	378.97	378.97	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426728	5417993	0.11015	378.02	378.02	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426728	5418193	0.10618	378.12	378.12	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426728	5418393	0.10157	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426728	5418593	0.09857	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426728	5418793	0.09659	378.92	378.92	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426728	5418993	0.09629	375.39	375.39	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426728	5419193	0.09548	373	373	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426928	5416393	0.17936	381	381	0	MONTH	EMRSS	1ST	2/29/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	426928	5416593	0.16482	380	380	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
TMA	426928	5416793	0.15102	379.17	379.17	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
TMA	426928	5416993	0.13718	380	380	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
TMA	426928	5417193	0.12778	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	426928	5417393	0.12274	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	426928	5417593	0.11769	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	426928	5417793	0.11274	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	426928	5417993	0.10851	379	379	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	426928	5418193	0.10403	379	379	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	426928	5418393	0.09938	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	426928	5418593	0.09509	381	381	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	426928	5418793	0.09214	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	426928	5418993	0.09137	375.12	375.12	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	426928	5419193	0.09074	370.48	370.48	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	427128	5416393	0.19406	381.16	381.16	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
TMA	427128	5416593	0.18098	380	380	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
TMA	427128	5416793	0.16708	380	380	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
TMA	427128	5416993	0.15392	380	380	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
TMA	427128	5417193	0.14158	380	380	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
TMA	427128	5417393	0.13012	380	380	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
TMA	427128	5417593	0.11956	380	380	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
TMA	427128	5417793	0.11249	379	379	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	427128	5417993	0.10837	379	379	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	427128	5418193	0.10379	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	427128	5418393	0.09932	380.92	380.92	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	427128	5418593	0.09491	382	382	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	427128	5418793	0.09154	381	381	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	427128	5418993	0.09095	373.01	373.01	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	427128	5419193	0.08911	369	369	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424328	5416193	0.19561	383.5	383.5	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424328	5415993	0.19972	386.14	386.14	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424328	5415793	0.20109	389.77	389.77	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424328	5415593	0.20142	393.41	393.41	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424328	5415393	0.21045	393.82	393.82	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424328	5415193	0.21835	394.88	394.88	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424328	5414993	0.22259	397.14	397.14	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424328	5414793	0.22424	400	400	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424328	5408393	0.70208	350.25	350.25	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	424328	5408193	0.64653	353.95	353.95	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	424528	5416193	0.21472	382	382	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424528	5415993	0.22109	384.26	384.26	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424528	5415793	0.23061	385.08	385.08	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424528	5415593	0.23718	387.26	387.26	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424528	5415393	0.24784	388	388	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424528	5415193	0.25244	390.8	390.8	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424528	5414993	0.25452	394.07	394.07	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424528	5414793	0.2689	394.2	394.2	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424728	5416193	0.23933	377.27	377.27	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424728	5415993	0.24678	380.25	380.25	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424728	5415793	0.26266	379.46	379.46	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424728	5415593	0.27453	381	381	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424728	5415393	0.28713	382.51	382.51	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424728	5415193	0.29652	385.2	385.2	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424728	5414993	0.31135	386.34	386.34	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424728	5414793	0.32915	387.03	387.03	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424928	5416193	0.25908	375.96	375.96	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424928	5415993	0.27628	375	375	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424928	5415793	0.28908	376.94	376.94	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424928	5415593	0.30458	378.04	378.04	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424928	5415393	0.32173	379	379	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424928	5415193	0.3435	379	379	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424928	5414993	0.35707	381.96	381.96	0 MONTH	EMRSS	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	424928	5414793	0.35583	387.99	387.99	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424928	5414593	0.3699	390.16	390.16	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424928	5414393	0.41631	387.14	387.14	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425128	5416193	0.27003	379	379	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425128	5415993	0.28582	379.01	379.01	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425128	5415793	0.30846	376.76	376.76	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425128	5415593	0.32971	376	376	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425128	5415393	0.3485	377	377	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425128	5415193	0.3655	379	379	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425128	5414993	0.38003	381.84	381.84	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425128	5414793	0.39025	385.44	385.44	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425128	5414593	0.40966	386.97	386.97	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425128	5414393	0.46285	383	383	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425328	5416193	0.27898	379	379	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425328	5415993	0.29406	379	379	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425328	5415793	0.31487	377	377	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425328	5415593	0.33276	377	377	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425328	5415393	0.35204	377	377	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425328	5415193	0.37287	377	377	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425328	5414993	0.39212	378	378	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425328	5414793	0.40299	381.36	381.36	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425328	5414593	0.42485	382	382	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425328	5414393	0.45653	381	381	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425528	5416193	0.27411	377	377	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425528	5415993	0.2865	377	377	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425528	5415793	0.29954	377	377	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425528	5415593	0.31331	377	377	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425528	5415393	0.32531	378	378	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425528	5415193	0.3405	378	378	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425528	5414993	0.35671	378	378	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425528	5414793	0.37065	379	379	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425528	5414593	0.38934	379	379	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425528	5414393	0.40569	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425728	5416193	0.24902	376	376	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425728	5415993	0.25773	376	376	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425728	5415793	0.26496	377	377	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425728	5415593	0.27452	377	377	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425728	5415393	0.2824	378	378	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425728	5415193	0.29341	378	378	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425728	5414993	0.30271	379	379	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425728	5414793	0.3131	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425728	5414593	0.32828	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425728	5414393	0.34567	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425728	5414193	0.36169	381	381	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425928	5416193	0.21327	377.1	377.1	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425928	5415993	0.21999	377	377	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425928	5415793	0.2273	377	377	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425928	5415593	0.23356	378	378	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425928	5415393	0.24267	378.1	378.1	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425928	5415193	0.25114	379.07	379.07	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425928	5414993	0.2626	379.38	379.38	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425928	5414793	0.27117	381.46	381.46	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425928	5414593	0.28502	382	382	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425928	5414393	0.30474	381	381	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425928	5414193	0.32589	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426128	5416193	0.18518	378	378	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426128	5415993	0.19234	378	378	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426128	5415793	0.2006	378	378	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426128	5415593	0.20837	379	379	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426128	5415393	0.21725	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426128	5415193	0.22718	381	381	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426128	5414993	0.23913	381.37	381.37	0	MONTH	EMRSS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	426128	5414793	0.24544	384.49	384.49	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426128	5414593	0.26823	384	384	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426128	5414393	0.31323	382	382	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426128	5414193	0.36543	380.01	380.01	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426328	5416193	0.17089	379	379	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426328	5415993	0.17866	379.58	379.58	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426328	5415793	0.18608	381	381	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426328	5415593	0.19162	383.94	383.94	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426328	5415393	0.19956	385.11	385.11	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426328	5415193	0.21297	387.15	387.15	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426328	5414993	0.23781	388	388	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426328	5414793	0.27589	385	385	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426328	5414593	0.32205	381	381	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426328	5414393	0.36453	380	380	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426328	5414193	0.40772	379.9	379.9	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426528	5416193	0.16531	380	380	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426528	5415993	0.17112	382	382	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426528	5415793	0.18244	384.43	384.43	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426528	5415593	0.1988	387.14	387.14	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426528	5415393	0.21462	390	390	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426528	5415193	0.23745	390	390	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426528	5414993	0.26166	390	390	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426528	5414793	0.30089	386.24	386.24	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426528	5414593	0.35046	380.69	380.69	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426528	5414393	0.39088	379	379	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426528	5414193	0.43211	378	378	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426728	5416193	0.17418	382	382	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426728	5415993	0.18965	384	384	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426728	5415793	0.20539	386	386	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426728	5415593	0.22089	388	388	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426728	5415393	0.23556	390	390	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426728	5415193	0.2592	388.86	388.86	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426728	5414993	0.2763	389.95	389.95	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426728	5414793	0.31583	385.44	385.44	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426728	5414593	0.36264	379.81	379.81	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426728	5414393	0.39872	378.03	378.03	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426728	5414193	0.42994	378	378	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426928	5416193	0.19324	383	383	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426928	5415993	0.20687	385	385	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426928	5415793	0.21977	387	387	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426928	5415593	0.2342	388	388	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426928	5415393	0.25123	388	388	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426928	5415193	0.27562	385.9	385.9	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426928	5414993	0.29988	384.4	384.4	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426928	5414793	0.32713	382.59	382.59	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426928	5414593	0.3594	379.99	379.99	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426928	5414393	0.38773	379	379	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	426928	5414193	0.41723	378	378	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	427128	5416193	0.20444	383.98	383.98	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	427128	5415993	0.21493	386	386	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	427128	5415793	0.22714	386.86	386.86	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	427128	5415593	0.2438	386	386	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	427128	5415393	0.25895	386	386	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	427128	5415193	0.27808	385	385	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	427128	5414993	0.29903	383.88	383.88	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	427128	5414793	0.32398	382	382	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	427128	5414593	0.34698	381	381	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	427128	5414393	0.37038	380	380	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	427128	5414193	0.3893	380	380	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	424128	5408393	0.65837	350.25	350.25	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
TMA	424128	5408193	0.61711	354	354	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
TMA	423928	5408393	0.60364	353.49	353.49	0	MONTH	EMRSS	1ST	12/31/2000 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	423928	5408193	0.57512	357.59	357.59	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	423728	5408393	0.53741	355.6	355.6	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	423728	5408193	0.51023	359.84	359.84	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	423528	5408393	0.47071	352	352	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	423528	5408193	0.44464	354.52	354.52	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	423328	5408593	0.44762	349.35	349.35	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	423328	5408393	0.43044	351	351	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	423328	5408193	0.40363	352	352	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	423128	5408593	0.43923	352.5	352.5	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	423128	5408393	0.39718	354.07	354.07	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	423128	5408193	0.38565	356	356	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	422928	5408593	0.41813	353	353	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	422928	5408393	0.39278	355	355	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	422928	5408193	0.35855	357	357	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	422728	5408593	0.38382	353	353	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	422728	5408393	0.36886	355	355	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	422728	5408193	0.34949	356	356	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	422528	5408593	0.35434	354	354	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	422528	5408393	0.33803	354.79	354.79	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	422528	5408193	0.32578	355.99	355.99	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	422328	5408593	0.32603	352	352	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	422328	5408393	0.30946	353	353	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	422328	5408193	0.29667	354	354	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	422128	5408593	0.30204	350	350	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	422128	5408393	0.288	352	352	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	422128	5408193	0.27523	354	354	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	421928	5408593	0.28326	350	350	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	421928	5408393	0.27039	351.68	351.68	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	421928	5408193	0.25859	354	354	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	421728	5408593	0.26525	349	349	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	421728	5408393	0.2538	351	351	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	421728	5408193	0.24329	353	353	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	421528	5408593	0.25294	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421528	5408393	0.23753	349	349	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	421528	5408193	0.22814	351	351	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	421328	5408593	0.25418	345.41	345.41	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421328	5408393	0.22326	347	347	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	421328	5408193	0.21406	348.81	348.81	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	421128	5408593	0.25457	344.52	344.52	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421128	5408393	0.22105	345.3	345.3	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	421128	5408193	0.20194	347	347	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	420928	5408593	0.2495	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420928	5408393	0.22359	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420928	5408193	0.19283	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5408593	0.24233	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5408393	0.22304	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420728	5408193	0.197	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420528	5409393	0.25721	353	353	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420528	5409193	0.24849	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420528	5408993	0.24571	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420528	5408793	0.24196	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420528	5408593	0.23452	345.03	345.03	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420528	5408393	0.21976	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420528	5408193	0.19898	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420328	5409393	0.24264	353.52	353.52	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420328	5409193	0.23374	350.89	350.89	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420328	5408993	0.22956	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420328	5408793	0.22783	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420128	5409393	0.22879	352.9	352.9	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420128	5409193	0.21909	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420128	5408993	0.21513	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	420128	5408793	0.21349	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419928	5409393	0.21703	353	353	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5409193	0.20782	351	351	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5408993	0.20316	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419928	5408793	0.20125	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5409393	0.20487	351	351	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5409193	0.19627	349.94	349.94	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5408993	0.19095	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419728	5408793	0.18858	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5410993	0.18061	356	356	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5410793	0.17154	355	355	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5410593	0.17395	357	357	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5410393	0.18317	358	358	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5410193	0.19321	356.94	356.94	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5409993	0.20096	355	355	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5409793	0.20465	353.29	353.29	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5409593	0.20197	351.28	351.28	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5409393	0.19452	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5409193	0.1861	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5408993	0.18016	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5408793	0.17724	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5408593	0.17607	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5408393	0.17527	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419528	5408193	0.1728	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5410993	0.16923	355	355	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5410793	0.16038	353	353	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5410593	0.16176	353	353	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5410393	0.16998	353.58	353.58	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5410193	0.17967	353.77	353.77	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5409993	0.18697	352	352	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5409793	0.19154	351.03	351.03	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5409593	0.19102	350.18	350.18	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5409393	0.18566	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5409193	0.17716	348.27	348.27	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5408993	0.17101	347.63	347.63	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5408793	0.16779	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5408593	0.16634	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5408393	0.16547	344.73	344.73	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419328	5408193	0.16341	342.09	342.09	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419128	5410993	0.15929	355	355	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419128	5410793	0.15109	353	353	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419128	5410593	0.1515	351	351	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419128	5410393	0.15823	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419128	5410193	0.16697	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419128	5409993	0.17477	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419128	5409793	0.18019	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419128	5409593	0.1807	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419128	5409393	0.17613	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419128	5409193	0.16935	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419128	5408993	0.1627	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419128	5408793	0.1587	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419128	5408593	0.15752	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419128	5408393	0.15651	344.6	344.6	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419128	5408193	0.1549	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418928	5410993	0.14904	352	352	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418928	5410793	0.14182	351	351	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418928	5410593	0.14259	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418928	5410393	0.1488	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418928	5410193	0.15688	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418928	5409993	0.1639	348.44	348.44	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418928	5409793	0.16911	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418928	5409593	0.17111	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418928	5409393	0.16782	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	418928	5409193	0.16178	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5408993	0.15506	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5408793	0.15112	345.98	345.98	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5408593	0.14895	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5408393	0.14803	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5408193	0.14694	342	342	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418728	5410993	0.13987	349.6	349.6	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418728	5410793	0.13335	349	349	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418728	5410593	0.13407	348.05	348.05	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418728	5410393	0.1402	348	348	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418728	5410193	0.14722	347.03	347.03	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418728	5409993	0.15405	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418728	5409793	0.15945	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418728	5409593	0.1621	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418728	5409393	0.15999	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418728	5409193	0.1548	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418728	5408993	0.14819	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418728	5408793	0.14382	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418728	5408593	0.14122	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418728	5408393	0.14009	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418728	5408193	0.139	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418528	5410993	0.13217	349	349	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418528	5410793	0.12599	348	348	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418528	5410593	0.12663	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418528	5410393	0.13234	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418528	5410193	0.13886	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418528	5409993	0.14527	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418528	5409793	0.15053	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418528	5409593	0.15364	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418528	5409393	0.15255	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418528	5409193	0.14828	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418528	5408993	0.14201	344.08	344.08	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418528	5408793	0.13727	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418528	5408593	0.13474	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418528	5408393	0.13337	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418528	5408193	0.13275	342	342	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5410993	0.1253	349	349	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5410793	0.11957	348	348	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5410593	0.12019	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5410393	0.12515	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5410193	0.13167	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5409993	0.1377	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5409793	0.14229	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5409593	0.14569	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5409393	0.146	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5409193	0.14216	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5408993	0.13678	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5408793	0.13177	343.82	343.82	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5408593	0.12841	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5408393	0.12723	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5408193	0.12649	342	342	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5410993	0.11864	348	348	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5410793	0.11363	348	348	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5410593	0.11425	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5410393	0.11892	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5410193	0.12505	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5409993	0.13071	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5409793	0.13513	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5409593	0.13872	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5409393	0.13972	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5409193	0.13683	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5408993	0.13196	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	418128	5408793	0.12651	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418128	5408593	0.12314	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418128	5408393	0.12116	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418128	5408193	0.12073	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5410993	0.11312	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5410793	0.10813	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5410593	0.10876	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5410393	0.1135	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5410193	0.11893	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5409993	0.12427	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5409793	0.12891	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5409593	0.13259	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5409393	0.13373	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5409193	0.13171	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5408993	0.12744	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5408793	0.12209	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5408593	0.11837	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5408393	0.11605	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5408193	0.11542	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5410993	0.1077	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5410793	0.10304	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5410593	0.10367	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5410393	0.10813	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5410193	0.11362	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5409993	0.11866	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5409793	0.12308	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5409593	0.12677	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5409393	0.1284	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5409193	0.12756	345.93	345.93	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5408993	0.12357	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5408793	0.11842	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5408593	0.11405	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5408393	0.11177	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5408193	0.11052	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417528	5410993	0.10266	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417528	5410793	0.09831	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417528	5410593	0.0992	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417528	5410393	0.10343	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417528	5410193	0.10835	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417528	5409993	0.11312	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417528	5409793	0.11743	347.42	347.42	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417528	5409593	0.12092	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417528	5409393	0.12326	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417528	5409193	0.12276	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417528	5408993	0.11948	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417528	5408793	0.115	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417528	5408593	0.11049	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417528	5408393	0.1075	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417528	5408193	0.106	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5410993	0.09797	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5410793	0.09413	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5410593	0.09476	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5410393	0.09879	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5410193	0.10374	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5409993	0.10797	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5409793	0.11159	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5409593	0.11509	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5409393	0.11763	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5409193	0.11774	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5408993	0.11554	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5408793	0.11145	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5408593	0.10691	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417328	5408393	0.10362	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5408193	0.10179	341.83	341.83	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5410993	0.0938	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5410793	0.09	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5410593	0.09077	348.66	348.66	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5410393	0.0949	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5410193	0.09965	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5409993	0.10399	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5409793	0.10735	348.57	348.57	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5409593	0.11016	346.6	346.6	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5409393	0.11264	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5409193	0.11326	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5408993	0.11139	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5408793	0.10747	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5408593	0.10332	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5408393	0.09978	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5408193	0.09771	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416928	5410993	0.09023	353	353	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416928	5410793	0.08632	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416928	5410593	0.08713	349.92	349.92	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416928	5410393	0.09082	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416928	5410193	0.09556	351	351	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416928	5409993	0.0997	351	351	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416928	5409793	0.10301	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416928	5409593	0.10625	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416928	5409393	0.10875	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416928	5409193	0.10954	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416928	5408993	0.10832	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416928	5408793	0.10492	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416928	5408593	0.10061	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416928	5408393	0.09716	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416928	5408193	0.0948	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416728	5410993	0.08604	351.06	351.06	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416728	5410793	0.08287	351	351	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416728	5410593	0.08351	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416728	5410393	0.08719	351	351	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416728	5410193	0.09172	352	352	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416728	5409993	0.09568	352	352	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416728	5409793	0.09883	351	351	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416728	5409593	0.10168	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416728	5409393	0.10431	349.5	349.5	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416728	5409193	0.10593	349.3	349.3	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416728	5408993	0.10549	348.99	348.99	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416728	5408793	0.10273	347.94	347.94	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	416728	5408593	0.09832	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416728	5408393	0.09448	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416728	5408193	0.09158	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416528	5410993	0.08178	361.2	361.2	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416528	5410793	0.08014	356	356	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416528	5410593	0.08055	352.93	352.93	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416528	5410393	0.08361	351	351	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416528	5410193	0.08881	353	353	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416528	5409993	0.09207	354	354	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416528	5409793	0.09509	353	353	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416528	5409593	0.09777	351.77	351.77	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416528	5409393	0.10031	351	351	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416528	5409193	0.10199	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416528	5408993	0.10189	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416528	5408793	0.09998	347	347	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	416528	5408593	0.09539	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416528	5408393	0.09128	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416528	5408193	0.08832	341.73	341.73	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	416328	5410993	0.07389	367.86	367.86	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416328	5410793	0.0772	359	359	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416328	5410593	0.07767	355.8	355.8	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416328	5410393	0.08041	352	352	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416328	5410193	0.08461	353.47	353.47	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416328	5409993	0.08849	355	355	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416328	5409793	0.09138	354	354	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416328	5409593	0.09395	353	353	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416328	5409393	0.0964	351.99	351.99	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416328	5409193	0.09804	350	350	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416328	5408993	0.09833	348.73	348.73	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416328	5408793	0.09628	344	344	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
TMA	416328	5408593	0.09184	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416328	5408393	0.08833	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416328	5408193	0.08549	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416128	5410993	0.07254	364.98	364.98	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416128	5410793	0.07243	361.31	361.31	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416128	5410593	0.07491	359	359	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416128	5410393	0.07774	356	356	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416128	5410193	0.0812	353	353	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416128	5409993	0.08484	354	354	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416128	5409793	0.08773	354	354	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416128	5409593	0.09014	353	353	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416128	5409393	0.09249	352	352	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416128	5409193	0.09426	350	350	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416128	5408993	0.09498	349	349	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416128	5408793	0.09386	345.96	345.96	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
TMA	416128	5408593	0.09008	342.33	342.33	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
TMA	416128	5408393	0.08653	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416128	5408193	0.08352	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5413193	0.12353	371.76	371.76	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	418928	5413393	0.11558	369.38	369.38	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	418928	5413593	0.10179	367.41	367.41	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	418928	5413793	0.08823	372.61	372.61	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5413993	0.08598	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5414193	0.09127	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5414393	0.1006	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5414593	0.10777	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5414793	0.11291	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5414993	0.11545	378	378	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5415193	0.11448	378	378	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5415393	0.1114	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5415593	0.10825	381.68	381.68	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5415793	0.10592	380.27	380.27	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5415993	0.10238	378.04	378.04	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5416193	0.09883	373.71	373.71	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5416393	0.09498	370.1	370.1	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5416593	0.09038	370	370	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5416793	0.08657	369	369	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5416993	0.08286	368.14	368.14	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5417193	0.0789	368.37	368.37	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418928	5417393	0.07952	370	370	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	418928	5417593	0.08395	370	370	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	418928	5417793	0.0872	370	370	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	418928	5417993	0.08848	366.1	366.1	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	418928	5418193	0.08824	368	368	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	418928	5418393	0.08594	366.65	366.65	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	418928	5418593	0.0818	361.17	361.17	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	418928	5418793	0.07777	361	361	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	418928	5418993	0.07331	361	361	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	418928	5419193	0.06845	362.73	362.73	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	418728	5413593	0.10267	370	370	0	MONTH	EMRSS	1ST	12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	418728	5413793	0.08486	375.05	375.05	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	418728	5413993	0.08264	375.91	375.91	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418728	5414193	0.08633	372.18	372.18	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418728	5414393	0.09221	372.2	372.2	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418728	5414593	0.09914	375	375	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418728	5414793	0.10628	375	375	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418728	5414993	0.10924	378.01	378.01	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418728	5415193	0.1092	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418728	5415393	0.10826	378.19	378.19	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418728	5415593	0.10767	375.93	375.93	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418728	5415793	0.10652	373	373	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418728	5415993	0.10339	372	372	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418728	5416193	0.09949	370	370	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418728	5416393	0.09484	369	369	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418728	5416593	0.09038	368	368	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418728	5416793	0.08636	367	367	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418728	5416993	0.08251	367	367	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418728	5417193	0.0789	367	367	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418728	5417393	0.07522	367.6	367.6	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418728	5417593	0.07554	368	368	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	418728	5417793	0.07974	366.88	366.88	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	418728	5417993	0.08261	363.2	363.2	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	418728	5418193	0.08382	362.9	362.9	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	418728	5418393	0.0832	361	361	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	418728	5418593	0.08135	360	360	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	418728	5418793	0.07867	360	360	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	418728	5418993	0.07529	361	361	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	418728	5419193	0.07121	361	361	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	418528	5413593	0.10313	371	371	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	418528	5413793	0.08992	371	371	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	418528	5413993	0.08022	369	369	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418528	5414193	0.0807	370.62	370.62	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418528	5414393	0.08269	375.56	375.56	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418528	5414593	0.08859	377.75	377.75	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418528	5414793	0.09556	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418528	5414993	0.10146	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418528	5415193	0.10375	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418528	5415393	0.10319	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418528	5415593	0.10161	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418528	5415793	0.10092	378.3	378.3	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418528	5415993	0.10027	374.67	374.67	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418528	5416193	0.09826	370	370	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418528	5416393	0.09424	369	369	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418528	5416593	0.08998	367.76	367.76	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418528	5416793	0.08608	366	366	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418528	5416993	0.08237	365	365	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418528	5417193	0.07874	365	365	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418528	5417393	0.07533	365	365	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418528	5417593	0.07192	365	365	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418528	5417793	0.0721	364.97	364.97	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	418528	5417993	0.07589	363	363	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	418528	5418193	0.07835	360	360	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	418528	5418393	0.07945	360	360	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	418528	5418593	0.07923	359	359	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	418528	5418793	0.07811	360	360	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	418528	5418993	0.07584	360	360	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	418528	5419193	0.07278	360	360	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	418328	5413593	0.10313	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	418328	5413793	0.09291	367.98	367.98	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	418328	5413993	0.07899	369.86	369.86	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	418328	5414193	0.07525	373.04	373.04	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418328	5414393	0.07463	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	418328	5414593	0.08	378.35	378.35	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5414793	0.08762	377	377	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5414993	0.09456	377	377	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5415193	0.0987	378	378	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5415393	0.09909	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5415593	0.098	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5415793	0.09647	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5415993	0.09641	377	377	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5416193	0.09552	373.16	373.16	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5416393	0.09301	370	370	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5416593	0.08942	367.89	367.89	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5416793	0.0859	365	365	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5416993	0.08213	364	364	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5417193	0.07868	363	363	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5417393	0.07527	363	363	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5417593	0.07205	362.8	362.8	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5417793	0.06888	362	362	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418328	5417993	0.06901	361.94	361.94	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	418328	5418193	0.07224	361	361	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	418328	5418393	0.07455	360	360	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	418328	5418593	0.07571	359	359	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	418328	5418793	0.07583	359	359	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	418328	5418993	0.07497	359.74	359.74	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	418328	5419193	0.07352	362.09	362.09	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	418128	5413593	0.1024	366	366	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	418128	5413793	0.09415	366.1	366.1	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	418128	5413993	0.08187	369	369	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	418128	5414193	0.07209	371	371	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5414393	0.07204	373	373	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5414593	0.07449	374.6	374.6	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5414793	0.079	378.04	378.04	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5414993	0.08545	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5415193	0.09173	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5415393	0.09442	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5415593	0.09406	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5415793	0.09313	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5415993	0.09353	376	376	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5416193	0.09318	372.29	372.29	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5416393	0.0914	370	370	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5416593	0.08873	367.02	367.02	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5416793	0.08558	364	364	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5416993	0.08223	362	362	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5417193	0.07852	362	362	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5417393	0.07482	363	363	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5417593	0.07188	362	362	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5417793	0.06918	360	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5417993	0.06606	359.79	359.79	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	418128	5418193	0.06625	359.6	359.6	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	418128	5418393	0.06882	360	360	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	418128	5418593	0.071	360	360	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	418128	5418793	0.07235	359.96	359.96	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	418128	5418993	0.07262	359.34	359.34	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	418128	5419193	0.0721	360	360	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	417928	5411193	0.12232	350	350	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417928	5411393	0.1313	352.36	352.36	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417928	5411593	0.13492	357	357	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417928	5411793	0.12998	360.88	360.88	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417928	5411993	0.11729	363	363	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417928	5412193	0.10122	367.65	367.65	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417928	5412393	0.08911	370	370	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417928	5412593	0.08208	370	370	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417928	5412793	0.08793	368.14	368.14	0	MONTH	EMRSS	1ST	12/31/1997 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417928	5412993	0.09548	364	364	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417928	5413193	0.10048	362	362	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417928	5413393	0.10205	363	363	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417928	5413593	0.10017	364.34	364.34	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417928	5413793	0.09404	366	366	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417928	5413993	0.08388	368.34	368.34	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417928	5414193	0.0716	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417928	5414393	0.06798	374	374	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5414593	0.06788	378.51	378.51	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5414793	0.07121	380.03	380.03	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5414993	0.07716	381	381	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5415193	0.08416	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5415393	0.08892	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5415593	0.09097	379.01	379.01	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5415793	0.09083	378	378	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5415993	0.09031	376	376	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5416193	0.09003	373	373	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5416393	0.08899	370.83	370.83	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5416593	0.08748	366.14	366.14	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5416793	0.0855	360.51	360.51	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5416993	0.08226	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5417193	0.07785	362.89	362.89	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5417393	0.07347	366.73	366.73	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5417593	0.07082	364.97	364.97	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5417793	0.06901	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5417993	0.06613	358	358	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5418193	0.0632	358	358	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417928	5418393	0.06299	358	358	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	417928	5418593	0.06545	357	357	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	417928	5418793	0.06762	358	358	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	417928	5418993	0.06908	359	359	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	417928	5419193	0.06697	360.05	360.05	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	417728	5411193	0.11661	350.67	350.67	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5411393	0.12599	355	355	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5411593	0.12967	358	358	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5411793	0.1266	364.92	368	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5411993	0.11252	370.95	370.95	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5412193	0.0977	371	371	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5412393	0.08694	370	370	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5412593	0.07995	368.99	368.99	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5412793	0.08245	368.26	368.26	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417728	5412993	0.08862	367.08	367.08	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417728	5413193	0.09539	361	361	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417728	5413393	0.0975	363	363	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417728	5413593	0.09718	364	364	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417728	5413793	0.09315	365	365	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417728	5413993	0.08516	367	367	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417728	5414193	0.07424	369.12	369.12	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417728	5414393	0.0651	373.75	373.75	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5414593	0.06384	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5414793	0.06526	381	381	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5414993	0.07	381	381	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5415193	0.07673	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5415393	0.08331	377	377	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5415593	0.08714	375.41	375.41	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5415793	0.08831	374.72	374.72	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5415993	0.08799	373.61	373.61	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5416193	0.0874	371.69	371.69	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5416393	0.08677	369.13	369.13	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5416593	0.08593	364	364	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5416793	0.08429	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417728	5416993	0.08088	362	362	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417728	5417193	0.07663	366.63	366.63	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417728	5417393	0.07237	370	370	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417728	5417593	0.07082	363.08	363.08	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417728	5417793	0.06883	358	358	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417728	5417993	0.06591	357	357	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417728	5418193	0.06319	357	357	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417728	5418393	0.06044	356.12	356.12	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417728	5418593	0.05984	356	356	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	417728	5418793	0.06239	357	357	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	417728	5418993	0.06459	360	360	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	417728	5419193	0.06611	360	360	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	417528	5411193	0.11118	350.96	350.96	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5411393	0.12093	358.01	358.01	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5411593	0.12649	363.74	363.74	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5411793	0.12319	372	372	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5411993	0.1101	370.99	370.99	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5412193	0.09655	369.04	369.04	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5412393	0.08497	370	370	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5412593	0.07801	368.09	368.09	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5412793	0.07706	369.26	369.26	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	417528	5412993	0.08144	372	372	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	417528	5413193	0.09058	360	360	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	417528	5413393	0.09318	361.45	361.45	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	417528	5413593	0.0938	363	363	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	417528	5413793	0.09143	365	365	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	417528	5413993	0.08546	366.22	366.22	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	417528	5414193	0.07627	368	368	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	417528	5414393	0.06527	370	370	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	417528	5414593	0.06192	374.26	374.26	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5414793	0.06181	377.96	377.96	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5414993	0.06431	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5415193	0.06975	379.84	379.84	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5415393	0.07658	377	377	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5415593	0.08187	374	374	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5415793	0.08463	371.94	371.94	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5415993	0.08546	370	370	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5416193	0.08509	369	369	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5416393	0.08486	365.03	365.03	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5416593	0.08426	361	361	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5416793	0.08231	361.24	361.24	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5416993	0.07885	368.53	368.53	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5417193	0.0762	366.5	366.5	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5417393	0.0741	361.07	361.07	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5417593	0.07147	358	358	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5417793	0.06843	357	357	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5417993	0.06557	356	356	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5418193	0.06295	356	356	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5418393	0.06038	355	355	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5418593	0.0579	355	355	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417528	5418793	0.05699	355	355	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	417528	5418993	0.05961	358	358	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	417528	5419193	0.06165	360.85	360.85	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	417328	5411193	0.1059	350.35	350.35	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417328	5411393	0.11515	355.98	355.98	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417328	5411593	0.12208	365.62	365.62	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417328	5411793	0.11958	370.42	370.42	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417328	5411993	0.1084	367.31	367.31	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417328	5412193	0.09635	364.03	364.03	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417328	5412393	0.08387	368	368	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417328	5412593	0.07742	363.72	363.72	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417328	5412793	0.07334	367.13	367.13	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	417328	5412993	0.07819	367.96	367.96	0	MONTH	EMRSS	1ST	12/31/1997 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417328	5413193	0.08567	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417328	5413393	0.08892	360.28	360.28	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417328	5413593	0.09004	363.32	363.32	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417328	5413793	0.08896	367.31	367.31	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417328	5413993	0.08454	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417328	5414193	0.0768	370.92	370.92	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417328	5414393	0.06718	371	371	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417328	5414593	0.05966	373	373	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5414793	0.05899	375.88	375.88	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5414993	0.06039	377	377	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5415193	0.06465	375.97	375.97	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5415393	0.07077	373	373	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5415593	0.07626	371	371	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5415793	0.08003	370	370	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5415993	0.08192	368	368	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5416193	0.0824	366.12	366.12	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5416393	0.08233	363.16	363.16	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5416593	0.08178	361	361	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5416793	0.08015	362.06	362.06	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5416993	0.07783	365.53	365.53	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5417193	0.07618	361.11	361.11	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5417393	0.07386	358	358	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5417593	0.07095	357	357	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5417793	0.06801	356	356	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5417993	0.06527	356	356	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5418193	0.0627	356	356	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5418393	0.06028	356	356	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5418593	0.05789	355.03	355.03	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5418793	0.05553	354	354	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417328	5418993	0.05451	360	360	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	417328	5419193	0.05631	363.72	363.72	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	417128	5411193	0.1021	355.22	355.22	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5411393	0.11067	360.89	360.89	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5411593	0.11707	365	365	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5411793	0.11452	362.92	362.92	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5411993	0.10598	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5412193	0.09471	362.97	362.97	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5412393	0.08403	363	363	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5412593	0.07708	360.19	360.19	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5412793	0.07249	359.75	359.75	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417128	5412993	0.07702	359.15	359.15	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417128	5413193	0.08126	359.43	359.43	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417128	5413393	0.08394	362.2	362.2	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417128	5413593	0.08572	365.9	365.9	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417128	5413793	0.08593	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417128	5413993	0.08213	375.91	375.91	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417128	5414193	0.07443	380	380	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417128	5414393	0.06699	377.2	377.2	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417128	5414593	0.05796	376	376	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	417128	5414793	0.0566	375	375	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5414993	0.05737	374	374	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5415193	0.06049	372	372	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5415393	0.06537	370	370	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5415593	0.07053	368.94	368.94	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5415793	0.07496	367	367	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5415993	0.07779	365	365	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5416193	0.07917	363	363	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5416393	0.07962	361	361	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5416593	0.07902	361.66	361.66	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5416793	0.07853	359.46	359.46	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5416993	0.07711	359.27	359.27	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5417193	0.07526	358.77	358.77	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417128	5417393	0.0729	357.12	357.12	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417128	5417593	0.07038	357	357	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417128	5417793	0.06772	357	357	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417128	5417993	0.06505	357	357	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417128	5418193	0.06249	357	357	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417128	5418393	0.06015	358	358	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417128	5418593	0.0579	358	358	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417128	5418793	0.05554	354.68	354.68	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417128	5418993	0.05359	360	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	417128	5419193	0.05179	361	361	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	416928	5411193	0.09765	355.85	355.85	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5411393	0.10563	357.64	357.64	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5411593	0.11038	358.44	358.44	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5411793	0.1094	358.25	358.25	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5411993	0.10319	360	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5412193	0.09363	358.63	358.63	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5412393	0.08367	356.3	356.3	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5412593	0.07444	362.28	362.28	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5412793	0.06819	363.95	363.95	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5412993	0.07191	361.2	361.2	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416928	5413193	0.07624	361	361	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416928	5413393	0.07887	365.02	365.02	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416928	5413593	0.0807	370	370	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416928	5413793	0.08156	374.04	374.04	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416928	5413993	0.07861	381	381	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416928	5414193	0.07243	384.64	384.64	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416928	5414393	0.06625	382.22	382.22	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416928	5414593	0.05875	379.55	379.55	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416928	5414793	0.05433	376.84	376.84	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5414993	0.05467	372.86	372.86	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5415193	0.0568	370	370	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5415393	0.06044	368.59	368.59	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5415593	0.06516	367	367	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5415793	0.06976	365	365	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5415993	0.07323	363.11	363.11	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5416193	0.07537	361.96	361.96	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5416393	0.07646	360	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5416593	0.07666	359	359	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5416793	0.07614	359	359	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5416993	0.07503	358	358	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5417193	0.07362	358	358	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5417393	0.07176	357.16	357.16	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5417593	0.06974	358.41	358.41	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5417793	0.06731	358	358	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5417993	0.06479	358	358	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5418193	0.06234	359	359	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5418393	0.05978	359.94	359.94	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5418593	0.05754	360	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5418793	0.05548	356.81	356.81	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5418993	0.05337	354.87	354.87	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416928	5419193	0.05154	357.48	357.48	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5411193	0.09258	351	351	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5411393	0.10073	355.04	355.04	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5411593	0.10516	353	353	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5411793	0.10508	354	354	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5411993	0.09979	354.98	354.98	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5412193	0.09114	355.03	355.03	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5412393	0.07932	367.51	370	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5412593	0.07076	369	369	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5412793	0.06597	365.99	365.99	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5412993	0.06718	363.34	363.34	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416728	5413193	0.07145	363	363	0	MONTH	EMRSS	1ST	12/31/1997 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	416728	5413393	0.07451	365.94	365.94	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416728	5413593	0.077	369	369	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416728	5413793	0.07825	373.37	373.37	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416728	5413993	0.07653	380.83	380.83	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416728	5414193	0.07052	387.57	387.57	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416728	5414393	0.0641	388	388	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416728	5414593	0.05894	383.26	383.26	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416728	5414793	0.05257	378.48	378.48	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416728	5414993	0.05253	371.99	371.99	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5415193	0.05368	369	369	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5415393	0.05619	367.9	367.9	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5415593	0.06023	366	366	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5415793	0.0647	364	364	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5415993	0.06856	362	362	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5416193	0.07133	360.02	360.02	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5416393	0.07297	360	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5416593	0.07362	360	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5416793	0.0735	360	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5416993	0.07284	360	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5417193	0.07179	360	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5417393	0.07019	361	361	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5417593	0.06864	360	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5417793	0.06672	359	359	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5417993	0.06443	359	359	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5418193	0.06186	360	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5418393	0.05949	360	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5418593	0.05743	359	359	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5418793	0.05512	355	355	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5418993	0.05305	353	353	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416728	5419193	0.05123	353.31	353.31	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416528	5411193	0.08642	366.33	366.33	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416528	5411393	0.09687	364.28	364.28	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416528	5411593	0.10228	359.9	359.9	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416528	5411793	0.1017	354.24	354.24	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416528	5411993	0.09736	356.49	356.49	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416528	5412193	0.0894	361	361	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416528	5412393	0.07717	370	370	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416528	5412593	0.06935	369	369	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416528	5412793	0.06396	368	368	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416528	5412993	0.0629	365.46	365.46	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416528	5413193	0.06735	364	364	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416528	5413393	0.07062	366	366	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416528	5413593	0.07344	368	368	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416528	5413793	0.07413	375.08	375.08	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416528	5413993	0.07159	385.64	385.64	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416528	5414193	0.06823	390	390	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416528	5414393	0.06486	388	388	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416528	5414593	0.05988	384.38	384.38	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416528	5414793	0.0545	378.5	378.5	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	416528	5414993	0.05104	369	369	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416528	5415193	0.05122	368	368	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416528	5415393	0.053	366	366	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416528	5415593	0.05599	365	365	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416528	5415793	0.05986	364	364	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416528	5415993	0.06388	362	362	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416528	5416193	0.06712	360.31	360.31	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416528	5416393	0.06931	360	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416528	5416593	0.07053	360	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416528	5416793	0.07075	361	361	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416528	5416993	0.07039	361	361	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416528	5417193	0.06964	361	361	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	416528	5417393	0.06868	360.5	360.5	0	MONTH	EMRSS	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	416528	5417593	0.06741	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416528	5417793	0.06584	359	359	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416528	5417993	0.06372	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416528	5418193	0.06152	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416528	5418393	0.05896	361	361	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416528	5418593	0.05717	358.7	358.7	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416528	5418793	0.05491	355.78	355.78	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416528	5418993	0.0528	353	353	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416528	5419193	0.05101	353	353	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5411193	0.08188	368.17	368.17	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5411393	0.09293	361.26	361.26	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5411593	0.09812	358.01	358.01	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5411793	0.09895	358	358	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5411993	0.09545	361	361	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5412193	0.08721	364	364	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5412393	0.07679	367	367	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5412593	0.06801	369.11	369.11	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5412793	0.06249	368.22	368.22	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5412993	0.05944	366	366	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	416328	5413193	0.06326	366.02	366.02	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	416328	5413393	0.06666	367.39	367.39	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	416328	5413593	0.06948	369.24	369.24	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	416328	5413793	0.07063	374.95	374.95	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	416328	5413993	0.07042	381.93	381.93	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	416328	5414193	0.06967	385	385	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	416328	5414393	0.06715	384	384	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	416328	5414593	0.06182	382.63	382.63	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	416328	5414793	0.05774	372.81	372.81	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	416328	5414993	0.05099	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	416328	5415193	0.04924	367	367	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5415393	0.05004	366	366	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5415593	0.05219	365	365	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5415793	0.05568	363	363	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5415993	0.05938	362	362	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5416193	0.06276	362	362	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5416393	0.06549	361.61	361.61	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5416593	0.06723	362	362	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5416793	0.06793	363	363	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5416993	0.06798	361.8	361.8	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5417193	0.06777	360.19	360.19	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5417393	0.06716	359	359	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5417593	0.06596	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5417793	0.06403	364.57	364.57	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5417993	0.0622	367.07	367.07	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5418193	0.06102	360.1	360.1	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5418393	0.05909	359	359	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5418593	0.05686	359.74	359.74	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5418793	0.0544	361	361	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5418993	0.05287	358.56	358.56	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416328	5419193	0.05093	356	356	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5411193	0.08022	363.71	363.71	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5411393	0.08923	360.24	360.24	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5411593	0.09455	359	359	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5411793	0.09584	359.09	359.09	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5411993	0.09298	361.11	361.11	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5412193	0.08532	366	366	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5412393	0.07477	369.8	369.8	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5412593	0.06656	370	370	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5412793	0.06124	368	368	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5412993	0.05726	368	368	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5413193	0.05914	369.43	369.43	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	416128	5413393	0.06267	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	416128	5413593	0.06554	371.19	371.19	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	416128	5413793	0.06616	377.82	377.82	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	416128	5413993	0.06765	381	381	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	416128	5414193	0.06936	380.55	380.55	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	416128	5414393	0.06838	379	379	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	416128	5414593	0.06462	376.1	376.1	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	416128	5414793	0.05948	370.01	370.01	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	416128	5414993	0.05281	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	416128	5415193	0.04739	367.74	367.74	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5415393	0.04748	367	367	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5415593	0.04879	366	366	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5415793	0.05136	365	365	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5415993	0.05462	365	365	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5416193	0.0583	364.42	364.42	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5416393	0.06153	364.58	364.58	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5416593	0.06386	363.06	363.06	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5416793	0.06518	361.67	361.67	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5416993	0.06577	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5417193	0.06578	359	359	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5417393	0.0653	359.14	359.14	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5417593	0.0632	367.67	367.67	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5417793	0.06211	370	370	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5417993	0.06134	366	366	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5418193	0.06031	360.39	360.39	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5418393	0.05829	361.24	361.24	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5418593	0.05609	362	362	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5418793	0.05399	362	362	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5418993	0.0525	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5419193	0.05079	358.06	358.06	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5419693	0.04647	352	352	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5420193	0.04274	352	352	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5420693	0.04656	355.74	355.74	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	416128	5421193	0.04912	354.65	354.65	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	416628	5419693	0.04672	354	354	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416628	5420193	0.05157	357.66	357.66	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	416628	5420693	0.05411	360	360	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	416628	5421193	0.05323	361	361	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	417128	5419693	0.05734	359	359	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	417128	5420193	0.05924	358	358	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	417128	5420693	0.05716	359	359	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	417128	5421193	0.05199	360	360	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	417628	5419693	0.06672	369.5	369.5	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	417628	5420193	0.06249	364.99	364.99	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	417628	5420693	0.0551	361.33	361.33	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	417628	5421193	0.04774	360	360	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	418128	5419693	0.06757	370	370	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	418128	5420193	0.05757	372	372	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	418128	5420693	0.04821	370	370	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	418128	5421193	0.04449	363.83	363.83	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	418628	5419693	0.06086	368.21	368.21	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	418628	5420193	0.0508	371	371	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	418628	5420693	0.04966	371	371	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	418628	5421193	0.04717	367.11	367.11	0 MONTH	EMRSS	1ST		3/31/1999 24 hr
TMA	419128	5419693	0.05703	366.45	366.45	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
TMA	419128	5420193	0.05483	371	371	0 MONTH	EMRSS	1ST		3/31/1999 24 hr
TMA	419128	5420693	0.05122	368.28	368.28	0 MONTH	EMRSS	1ST		3/31/1999 24 hr
TMA	419128	5421193	0.04832	360.95	360.95	0 MONTH	EMRSS	1ST		3/31/1999 24 hr
TMA	419628	5419693	0.06063	366	366	0 MONTH	EMRSS	1ST		3/31/1999 24 hr
TMA	419628	5420193	0.05573	368	368	0 MONTH	EMRSS	1ST		3/31/1999 24 hr
TMA	419628	5420693	0.05154	370	370	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	419628	5421193	0.05036	359.49	359.49	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	420128	5419693	0.06153	368	368	0 MONTH	EMRSS	1ST		12/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420128	5420193	0.05794	369	369	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	420128	5420693	0.05941	365.82	365.82	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	420128	5421193	0.06305	362	362	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	420628	5419693	0.07044	370.62	370.62	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	420628	5420193	0.075	369.51	369.51	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	420628	5420693	0.0765	365	365	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	420628	5421193	0.07506	361	361	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	421128	5419693	0.09175	374	374	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	421128	5420193	0.08943	363	363	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	421128	5420693	0.08423	370	370	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	421128	5421193	0.07853	360	360	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	421628	5419693	0.09953	369.55	369.55	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	421628	5420193	0.09087	367	367	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	421628	5420693	0.08162	371	371	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	421628	5421193	0.07593	361	361	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422128	5419693	0.09574	368.55	368.55	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422128	5420193	0.08736	363	363	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422128	5420693	0.07947	361.38	361.38	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422128	5421193	0.07281	357.99	357.99	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422628	5419693	0.09043	367.99	367.99	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422628	5420193	0.08092	370	370	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422628	5420693	0.07301	370.78	370.78	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	422628	5421193	0.06678	369.35	369.35	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423128	5419693	0.08387	372.11	372.11	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423128	5420193	0.07577	374	374	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423128	5420693	0.06881	376.83	376.83	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423128	5421193	0.06322	379	379	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423628	5419693	0.08915	370	370	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423628	5420193	0.08254	371.99	371.99	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	423628	5420693	0.07568	380	380	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	423628	5421193	0.07162	378	378	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	424128	5419693	0.10186	376.22	378	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424128	5420193	0.09363	379.73	379.73	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424128	5420693	0.09038	366	366	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424128	5421193	0.08261	376	376	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424628	5419693	0.11142	375.78	375.78	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424628	5420193	0.10009	380.21	380.21	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424628	5420693	0.09248	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	424628	5421193	0.08946	370.14	370.14	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425128	5419693	0.12519	376	376	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425128	5420193	0.11326	378.67	378.67	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425128	5420693	0.10357	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425128	5421193	0.09916	370	370	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425628	5419693	0.1382	373.64	373.64	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425628	5420193	0.12738	372	372	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425628	5420693	0.11541	378	378	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	425628	5421193	0.10621	379.09	379.09	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	426128	5419693	0.12734	370.46	370.46	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	426128	5420193	0.1203	369.35	369.35	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	426128	5420693	0.1116	378	378	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	426128	5421193	0.10499	379	379	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	426628	5419693	0.09854	368.07	368.07	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	426628	5420193	0.09512	367.52	367.52	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	426628	5420693	0.0914	369	369	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	426628	5421193	0.08782	371.25	371.25	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	427128	5419693	0.08047	373.21	373.21	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	427128	5420193	0.07606	370.37	370.37	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	427128	5420693	0.07055	374.18	381	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	427128	5421193	0.07333	360	381	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	427628	5419693	0.08091	370.22	370.22	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	427628	5420193	0.0717	383.07	383.07	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
TMA	427628	5420693	0.06917	366.33	366.33	0 MONTH	EMRSS	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	427628	5421193	0.06642	358	358	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	428128	5419693	0.09277	363.07	363.07	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428128	5420193	0.07896	370.67	370.67	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428128	5420693	0.0664	382.97	382.97	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	428128	5421193	0.06392	369.95	369.95	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	428628	5419693	0.10293	376.81	380	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
TMA	428628	5420193	0.09211	368.14	368.14	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428628	5420693	0.08127	367.41	367.41	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428628	5421193	0.06972	379.67	379.67	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	429128	5419693	0.10223	378	378	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	429128	5420193	0.09591	372.08	372.08	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	429128	5420693	0.08904	361	372	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	429128	5421193	0.08046	360.13	371	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	427628	5419193	0.08778	367.91	367.91	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	427628	5418693	0.10359	374.68	374.68	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	427628	5418193	0.12122	380	380	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	427628	5417693	0.14435	378	378	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	427628	5417193	0.16685	379.31	379.31	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	427628	5416693	0.18887	381	381	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	427628	5416193	0.21603	380	380	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	427628	5415693	0.24528	380	380	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	427628	5415193	0.27376	381	381	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	427628	5414693	0.29104	384.81	384.81	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	427628	5414193	0.28708	387	387	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	427628	5407693	0.32243	363	363	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	427628	5407193	0.29611	356.83	356.83	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	427628	5406693	0.23475	360.9	360.9	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	427628	5406193	0.16253	372.99	372.99	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	428128	5419193	0.10592	374	374	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428128	5418693	0.12129	375	375	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428128	5418193	0.13446	380	380	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428128	5417693	0.15105	379	379	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428128	5417193	0.16927	378	378	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428128	5416693	0.1912	376	376	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428128	5416193	0.21268	376	376	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428128	5415693	0.23005	378	378	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428128	5415193	0.24313	380	380	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428128	5414693	0.23278	380	380	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428128	5414193	0.16486	400.68	400.68	0	MONTH	EMRSS	1ST	1/31/1996 24 hr
TMA	428128	5407193	0.24895	361.11	361.11	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	428128	5406693	0.24001	360.48	360.48	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	428128	5406193	0.2041	367.95	367.95	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	428628	5419193	0.11109	380	380	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428628	5418693	0.12378	377	377	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428628	5418193	0.13453	379	379	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428628	5417693	0.14864	378.24	378.24	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428628	5417193	0.16171	380	380	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428628	5416693	0.18018	376	376	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428628	5416193	0.19558	374	374	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428628	5415693	0.20252	376	376	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428628	5415193	0.17623	385.89	408	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428628	5414693	0.14744	397.09	397.09	0	MONTH	EMRSS	1ST	1/31/1996 24 hr
TMA	428628	5414193	0.13479	400.52	410	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
TMA	428628	5407193	0.19881	353	353	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	428628	5406693	0.19577	362	362	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	428628	5406193	0.19459	362	362	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
TMA	429128	5419193	0.11137	377.26	377.26	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	429128	5418693	0.12022	379	379	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	429128	5418193	0.13026	379.95	379.95	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	429128	5417693	0.14173	379	379	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	429128	5417193	0.15471	375	375	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	429128	5416693	0.16562	373	373	0	MONTH	EMRSS	1ST	2/29/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	429128	5416193	0.16891	373	373	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
TMA	429128	5415693	0.14652	379.36	400	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
TMA	429128	5413193	0.18848	390	390	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
TMA	429128	5412693	0.19941	398.59	398.59	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
TMA	429128	5408693	0.17362	389.01	389.01	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	429128	5407193	0.15906	355	355	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	429128	5406693	0.16479	358	358	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	429128	5406193	0.16098	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	427128	5407693	0.35872	350	350	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	427128	5407193	0.27223	360.73	360.73	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	427128	5406693	0.20292	364.08	364.08	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	427128	5406193	0.17201	369.47	383	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	426628	5407693	0.33476	360.15	360.15	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	426628	5407193	0.25246	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	426628	5406693	0.20483	379.68	379.68	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	426628	5406193	0.1793	370.4	370.4	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	426128	5407693	0.29727	380.31	380.31	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	426128	5407193	0.2504	370.02	370.02	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	426128	5406693	0.18436	378	378	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	426128	5406193	0.13146	390	390	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	425628	5407693	0.28316	361	361	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	425628	5407193	0.21857	366.13	366.13	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	425628	5406693	0.1713	378.76	378.76	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	425628	5406193	0.14523	382	382	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	425128	5406693	0.21237	373	373	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	425128	5406193	0.17377	377.62	377.62	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	424628	5406693	0.30179	367.47	367.47	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	424628	5406193	0.24609	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	424128	5407693	0.4996	360.97	360.97	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	424128	5407193	0.39451	366.8	366.8	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	424128	5406693	0.33013	365.76	365.76	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	424128	5406193	0.26722	378.74	378.74	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	423628	5407693	0.41705	359.97	359.97	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	423628	5407193	0.35631	367.85	367.85	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	423628	5406693	0.31041	362.95	362.95	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	423628	5406193	0.2634	363.21	363.21	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	423128	5406693	0.25815	359.65	359.65	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	423128	5406193	0.23948	361	361	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	422628	5407693	0.28306	359.48	359.48	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	422628	5407193	0.24859	360.02	360.02	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	422128	5407693	0.25647	359	359	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	422128	5407193	0.2276	358.4	358.4	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	422128	5406193	0.17016	360	360	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	421628	5407693	0.21199	360	360	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	421628	5407193	0.19805	360	360	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	420128	5406693	0.12232	347	347	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	419628	5406693	0.11143	348	348	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	419128	5407693	0.14973	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419128	5407193	0.12229	345.2	345.2	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	419128	5406693	0.10134	348	348	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	419128	5406193	0.09567	349	349	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	418628	5407693	0.13565	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418628	5407193	0.12519	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418628	5406693	0.09463	342.29	342.29	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418628	5406193	0.08593	343	343	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	418128	5407693	0.12045	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418128	5407193	0.11848	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418128	5406693	0.10215	342.64	342.64	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	418128	5406193	0.08035	343	343	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	417628	5407693	0.10723	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417628	5407193	0.10774	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417628	5406693	0.10267	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417628	5406193	0.0834	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5407693	0.09662	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5407193	0.09708	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5406693	0.09694	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	417128	5406193	0.08778	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416628	5407693	0.08765	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416628	5407193	0.08783	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416628	5406693	0.0887	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416628	5406193	0.08643	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5407693	0.07998	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5407193	0.08009	341.05	341.05	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416128	5406193	0.08131	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415628	5406193	0.07463	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415128	5406193	0.06797	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414628	5406693	0.06229	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414628	5406193	0.06217	341.26	341.26	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414128	5406693	0.05783	340	340	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414128	5406193	0.05765	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415628	5408193	0.07846	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415628	5408693	0.08711	347	347	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	415628	5409193	0.08553	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415628	5409693	0.08061	353.49	353.49	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415628	5410193	0.07384	354.22	354.22	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415628	5410693	0.06507	362.66	362.66	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415628	5411193	0.07126	366	366	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415628	5411693	0.0904	368.95	368.95	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415628	5412193	0.08118	370	370	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415628	5412693	0.06065	370.01	370.01	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415628	5413193	0.05105	372.82	372.82	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	415628	5413693	0.05684	380	380	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	415628	5414193	0.06353	378	378	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	415628	5414693	0.06251	373.77	373.77	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	415628	5415193	0.04926	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	415628	5415693	0.0435	366	366	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415628	5416193	0.04877	363	363	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415628	5416693	0.05627	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415628	5417193	0.05987	357	357	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415628	5417693	0.05935	362.86	362.86	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415628	5418193	0.05729	364.86	364.86	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415628	5418693	0.05452	360.38	360.38	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415628	5419193	0.05035	359	359	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415628	5419693	0.04598	353.8	353.8	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415628	5420193	0.04258	353.31	353.31	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415628	5420693	0.03943	354	354	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415628	5421193	0.04223	354	354	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	415128	5408193	0.07425	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415128	5408693	0.07991	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415128	5409193	0.07766	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415128	5409693	0.07358	354.16	354.16	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415128	5410193	0.06767	358	358	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415128	5410693	0.05968	362	362	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415128	5411193	0.06404	367	367	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415128	5411693	0.08288	370	370	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415128	5412193	0.07759	367	367	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415128	5412693	0.05932	366	366	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415128	5413193	0.04828	369	369	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415128	5413693	0.05254	373	373	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	415128	5414193	0.05752	375	375	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	415128	5414693	0.06052	371	371	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	415128	5415193	0.05174	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	415128	5415693	0.04009	363	363	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415128	5416193	0.04249	356.02	356.02	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	415128	5416693	0.04783	354	354	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415128	5417193	0.05331	356	356	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415128	5417693	0.05545	359	359	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415128	5418193	0.05462	357.1	357.1	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415128	5418693	0.05264	356	356	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415128	5419193	0.04954	356	356	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415128	5419693	0.04562	355	355	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415128	5420193	0.04207	355	355	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415128	5420693	0.03912	361	361	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415128	5421193	0.03655	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414628	5408193	0.07205	344	344	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	414628	5408693	0.07399	346.66	346.66	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414628	5409193	0.07104	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414628	5409693	0.06768	357	357	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414628	5410193	0.06154	366	366	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414628	5410693	0.05623	359	359	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414628	5411193	0.06166	359	359	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414628	5411693	0.07397	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414628	5412193	0.07334	363	363	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414628	5412693	0.05706	367	367	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414628	5413193	0.04568	371	371	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414628	5413693	0.0472	371	371	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	414628	5414193	0.05261	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	414628	5414693	0.0565	369.61	369.61	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	414628	5415193	0.05264	366.83	366.83	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	414628	5415693	0.04238	356.12	356.12	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	414628	5416193	0.03748	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414628	5416693	0.0407	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414628	5417193	0.04619	352	352	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414628	5417693	0.0501	353	353	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414628	5418193	0.05089	354	354	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414628	5418693	0.04994	355	355	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414628	5419193	0.04813	356	356	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414628	5419693	0.0453	358	358	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414628	5420193	0.04181	358	358	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414628	5420693	0.03862	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414628	5421193	0.03619	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414128	5408193	0.06955	344	344	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	414128	5408693	0.06846	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414128	5409193	0.06511	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414128	5409693	0.06221	361	361	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414128	5410193	0.05704	359	359	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414128	5410693	0.05162	357	357	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414128	5411193	0.05181	370.5	370.5	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414128	5411693	0.06876	364	364	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414128	5412193	0.06929	362	362	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414128	5412693	0.05527	367	367	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414128	5413193	0.04408	368	368	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414128	5413693	0.04226	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	414128	5414193	0.04788	367	367	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	414128	5414693	0.0522	363	363	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	414128	5415193	0.0512	358.06	358.06	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	414128	5415693	0.04335	350	350	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	414128	5416193	0.03431	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414128	5416693	0.03554	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414128	5417193	0.03967	351	351	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414128	5417693	0.04457	353.76	353.76	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414128	5418193	0.04709	355	355	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414128	5418693	0.04714	357	357	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414128	5419193	0.04607	358	358	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414128	5419693	0.0443	359	359	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414128	5420193	0.04154	359	359	0 MONTH	EMRSS	1ST		1/31/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	414128	5420693	0.03827	360	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	414128	5421193	0.03559	360	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	414128	5422027	0.0322	360	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
TMA	414128	5422860	0.03358	360	360	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	414128	5423693	0.03667	360	360	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	415100	5422027	0.04043	361	361	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	415100	5422860	0.04204	360	360	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	415100	5423693	0.03787	357.11	357.11	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	416072	5422027	0.0468	349	349	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	416072	5422860	0.03986	350	350	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	416072	5423693	0.03224	351.91	351.91	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	417045	5422027	0.04173	349	349	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
TMA	417045	5422860	0.03485	354.82	354.82	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
TMA	417045	5423693	0.03348	364.19	364.19	0	MONTH	EMRSS	1ST	3/31/1999 24 hr
TMA	418017	5422027	0.04075	343.69	351	0	MONTH	EMRSS	1ST	3/31/1999 24 hr
TMA	418017	5422860	0.03746	363.82	363.82	0	MONTH	EMRSS	1ST	3/31/1999 24 hr
TMA	418017	5423693	0.03402	361.57	361.57	0	MONTH	EMRSS	1ST	3/31/1999 24 hr
TMA	418989	5422027	0.04309	361	361	0	MONTH	EMRSS	1ST	3/31/1999 24 hr
TMA	418989	5422860	0.04089	344.52	344.52	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	418989	5423693	0.0451	354.77	354.77	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	419961	5422027	0.06013	349	349	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	419961	5422860	0.05842	343.48	343.48	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	419961	5423693	0.05572	360	360	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	420934	5422027	0.0686	366.69	366.69	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	420934	5422860	0.06012	351	351	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	420934	5423693	0.05313	355.19	355.19	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	421906	5422027	0.06397	355.05	355.05	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	421906	5422860	0.05555	351	351	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	421906	5423693	0.04926	360	360	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422878	5422027	0.05671	373.63	373.63	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422878	5422860	0.05443	357	357	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	422878	5423693	0.04927	360.28	360.28	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423850	5422027	0.0698	379.96	379.96	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423850	5422860	0.06575	355.8	355.8	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	423850	5423693	0.05939	368.01	368.01	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424822	5422027	0.08366	364.2	364.2	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424822	5422860	0.07525	361.94	361.94	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	424822	5423693	0.06455	374	374	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425795	5422027	0.09761	367	367	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425795	5422860	0.08704	366	366	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	425795	5423693	0.07799	366.05	366.05	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426767	5422027	0.07822	368.71	368.71	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426767	5422860	0.07407	370	370	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	426767	5423693	0.07023	367	367	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	427739	5422027	0.05346	381.56	381.56	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	427739	5422860	0.05199	365	365	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	427739	5423693	0.04822	366	366	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	428711	5422027	0.05916	360.65	360.65	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	428711	5422860	0.05106	369.42	370	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	428711	5423693	0.04525	380.79	380.79	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
TMA	429684	5422027	0.07219	351	351	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	429684	5422860	0.06196	351.04	351.04	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	429684	5423693	0.05269	364.07	364.07	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	430656	5422027	0.07219	346	346	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	430656	5422860	0.0655	352	352	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	430656	5423693	0.05869	351.48	351.48	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	431628	5422027	0.07002	351.82	351.82	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	431628	5422860	0.0637	349.61	349.61	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	431628	5423693	0.05688	339	339	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	429961	5421193	0.08354	355.45	355.45	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	429961	5420221	0.09601	362	362	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
TMA	429961	5419249	0.1065	374.41	374.41	0	MONTH	EMRSS	1ST	2/29/2000 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	429961	5418277	0.12058	371	371	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
TMA	429961	5417304	0.12976	371	371	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
TMA	429961	5416332	0.10923	378	378	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
TMA	429961	5413415	0.1541	390	390	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
TMA	429961	5407582	0.14298	359	359	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	429961	5406610	0.11634	361.02	361.02	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	429961	5405638	0.11907	367	367	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	429961	5404665	0.11732	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	429961	5403693	0.10848	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	430795	5421193	0.08157	358	358	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
TMA	430795	5420221	0.09067	362	362	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
TMA	430795	5419249	0.0972	370	370	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
TMA	430795	5418277	0.10293	370	370	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
TMA	430795	5417304	0.08107	385.02	385.02	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
TMA	430795	5416332	0.08227	389.42	390	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	430795	5413415	0.14393	378	378	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
TMA	430795	5409527	0.15879	381	381	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	430795	5408554	0.14167	366.09	366.09	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
TMA	430795	5406610	0.09988	372.63	372.63	0 MONTH	EMRSS	1ST		10/31/1999 24 hr
TMA	430795	5405638	0.09217	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	430795	5404665	0.09186	365	365	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	430795	5403693	0.09309	362	362	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	431628	5421193	0.0742	369.26	369.26	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
TMA	431628	5420221	0.08029	370	370	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
TMA	431628	5419249	0.0837	365.51	365.51	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
TMA	431628	5418277	0.06966	370.11	392	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
TMA	431628	5417304	0.07598	373	391	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
TMA	431628	5416332	0.06646	382.43	382.43	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	431628	5415360	0.08556	378.88	378.88	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
TMA	431628	5414388	0.10324	379	379	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
TMA	431628	5413415	0.13407	376	376	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
TMA	431628	5412443	0.14726	380	380	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
TMA	431628	5411471	0.12832	382	382	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
TMA	431628	5409527	0.12089	381	381	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
TMA	431628	5408554	0.13677	361	361	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
TMA	431628	5407582	0.09736	368.07	368.07	0 MONTH	EMRSS	1ST		2/28/1997 24 hr
TMA	431628	5406610	0.08956	378	378	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	431628	5405638	0.0806	368.84	368.84	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
TMA	431628	5404665	0.07835	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	431628	5403693	0.06775	379.57	379.57	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	429128	5405360	0.15799	363	363	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	429128	5404527	0.12242	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	429128	5403693	0.08508	369	369	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	428156	5405360	0.13243	362	362	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	428156	5404527	0.09747	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	428156	5403693	0.09182	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	427184	5405360	0.14364	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	427184	5404527	0.11158	367.45	367.45	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	427184	5403693	0.08601	366.53	366.53	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	426211	5405360	0.11948	363.02	363.02	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	426211	5404527	0.09085	369	369	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	426211	5403693	0.0779	367.92	367.92	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	425239	5405360	0.14331	364	364	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	425239	5404527	0.11271	369.22	369.22	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	425239	5403693	0.09562	364.64	364.64	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	424267	5405360	0.21821	361	361	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	424267	5404527	0.1722	361.96	361.96	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	424267	5403693	0.13849	364.64	364.64	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	423295	5405360	0.2035	360	360	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	423295	5404527	0.16401	357	357	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	423295	5403693	0.13542	363	363	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	422322	5405360	0.14483	355	355	0 MONTH	EMRSS	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422322	5404527	0.13902	354	354	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	422322	5403693	0.12833	359	359	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	421350	5404527	0.10149	356.96	356.96	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	421350	5403693	0.0863	359	359	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	420378	5405360	0.11897	360	360	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	420378	5404527	0.0981	349.55	349.55	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	420378	5403693	0.08672	360	360	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	419406	5405360	0.08627	352	352	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	419406	5404527	0.08579	352	352	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	419406	5403693	0.08588	357	357	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	418434	5405360	0.07702	343.7	343.7	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	418434	5404527	0.06699	351	351	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	418434	5403693	0.06326	344.26	344.26	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	417461	5405360	0.06625	349.41	349.41	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	417461	5404527	0.06319	358	358	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	417461	5403693	0.05414	350	350	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	416489	5405360	0.06323	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	416489	5404527	0.0537	350	350	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	416489	5403693	0.05143	348	348	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	415517	5405360	0.06952	349.67	349.67	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	415517	5404527	0.05161	352.74	352.74	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	415517	5403693	0.0445	348	348	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
TMA	414545	5405360	0.06287	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414545	5404527	0.05552	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	414545	5403693	0.04226	348	348	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	413572	5405360	0.05351	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	413572	5404527	0.05384	342.07	342.07	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	413572	5403693	0.044	347.01	347.01	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	412600	5405360	0.04627	339.29	339.29	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	412600	5404527	0.04692	337	337	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	412600	5403693	0.04604	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	411628	5405360	0.04159	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	411628	5404527	0.04098	339.78	339.78	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	411628	5403693	0.04217	338	338	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	413295	5406193	0.05224	348.65	348.65	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	413295	5407165	0.05256	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	413295	5408138	0.06339	345	345	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	413295	5409110	0.05798	358.76	358.76	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	413295	5410082	0.05124	358	358	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	413295	5411054	0.04683	355	355	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	413295	5412027	0.06273	356	356	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	413295	5412999	0.04681	359	359	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	413295	5413971	0.03867	365.12	365.12	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	413295	5414943	0.04619	353.61	353.61	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	413295	5415915	0.04099	351	351	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	413295	5416888	0.03057	353	353	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	413295	5417860	0.03676	355	355	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	413295	5418832	0.04202	357	357	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	413295	5419804	0.04092	358.67	358.67	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	413295	5420777	0.0375	359	359	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	413295	5421749	0.03243	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	413295	5422721	0.02904	361	361	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	413295	5423693	0.02948	359.14	359.14	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
TMA	412461	5406193	0.04647	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	412461	5407165	0.04794	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	412461	5408138	0.05624	348	348	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
TMA	412461	5409110	0.0509	355.04	355.04	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	412461	5410082	0.0452	355.14	355.14	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	412461	5411054	0.04121	354	354	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	412461	5412027	0.05655	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	412461	5412999	0.04438	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	412461	5413971	0.03362	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	412461	5414943	0.03994	351	351	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	412461	5415915	0.04024	350	350	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	412461	5416888	0.02871	354	354	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	412461	5417860	0.0292	354	354	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	412461	5418832	0.036	356	356	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	412461	5419804	0.03745	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	412461	5420777	0.03583	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	412461	5421749	0.03224	355	355	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	412461	5422721	0.02822	353	353	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	412461	5423693	0.02567	361	361	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	411628	5406193	0.04164	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	411628	5407165	0.04476	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	411628	5408138	0.04969	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	411628	5409110	0.04509	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	411628	5410082	0.04006	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	411628	5411054	0.03657	353.58	353.58	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	411628	5412027	0.05046	356	356	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	411628	5412999	0.04223	353.13	353.13	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	411628	5413971	0.03027	353.37	353.37	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	411628	5414943	0.03457	349.88	349.88	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	411628	5415915	0.03817	359.68	359.68	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	411628	5416888	0.0309	360.86	360.86	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
TMA	411628	5417860	0.02447	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	411628	5418832	0.02935	357	357	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	411628	5419804	0.03385	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	411628	5420777	0.03322	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	411628	5421749	0.03158	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	411628	5422721	0.02781	361.2	361.2	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
TMA	411628	5423693	0.02483	350	350	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	424480	5408573	0.77548	348	348	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424480	5408523	0.75542	348.55	348.55	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424480	5408473	0.73551	349	349	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424480	5408423	0.71863	349.87	349.87	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424480	5408373	0.6984	350	350	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424480	5408323	0.68174	350.68	350.68	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424480	5408273	0.66553	351.34	351.34	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424430	5408573	0.77473	348	348	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424430	5408523	0.75552	348.58	348.58	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424430	5408473	0.73599	349	349	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424430	5408423	0.72029	350	350	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424430	5408373	0.70001	350.05	350.05	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424430	5408323	0.685	351	351	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424430	5408273	0.67057	352	352	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424380	5408573	0.76999	348	348	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424380	5408523	0.75188	348.61	348.61	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424380	5408473	0.73299	349	349	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424380	5408423	0.71796	350	350	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424380	5408373	0.70318	351	351	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424380	5408323	0.68496	351.24	351.24	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424380	5408273	0.67161	352.4	352.4	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	426976	5407714	0.35519	350	350	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426976	5407615	0.33483	350.8	350.8	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426976	5407517	0.31616	352.28	352.28	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426976	5407418	0.3013	356.47	356.47	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426976	5407319	0.28383	360.1	360.1	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426976	5407221	0.25764	365.35	365.35	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426976	5407122	0.23685	369.63	369.63	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426976	5407023	0.22358	371	371	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	427072	5407714	0.36094	350	350	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	427072	5407615	0.34103	350	350	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	427072	5407517	0.32112	350	350	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	427072	5407418	0.30449	352.13	362	0 MONTH	EMRSS	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	427072	5407319	0.2882	362.04	362.04	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427072	5407221	0.26661	364.17	364.17	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427072	5407122	0.24726	366.09	366.09	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427072	5407023	0.23045	368	368	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427168	5407714	0.3646	351	351	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427168	5407615	0.34574	350	350	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427168	5407517	0.32781	350	350	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427168	5407418	0.3094	350	361	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427168	5407319	0.29828	355.95	361	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427168	5407221	0.28217	358.24	358.24	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427168	5407122	0.26222	361.42	361.42	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427168	5407023	0.24309	363.55	363.55	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427265	5407714	0.36846	354.98	354.98	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427265	5407615	0.35122	352.85	352.85	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427265	5407517	0.33307	351	351	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427265	5407418	0.31525	350	350	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427265	5407319	0.30228	352.94	352.94	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427265	5407221	0.28982	357.79	357.79	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427265	5407122	0.2727	360	360	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427265	5407023	0.25517	360.72	360.72	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427361	5407714	0.3655	358.39	358.39	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427361	5407615	0.35237	356.25	356.25	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427361	5407517	0.33525	352.64	352.64	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427361	5407418	0.31789	350	350	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427361	5407319	0.30601	351.93	351.93	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427361	5407221	0.2933	354.41	354.41	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427361	5407122	0.27959	357.1	357.1	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427361	5407023	0.26422	360	360	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427457	5407714	0.35284	361	361	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427457	5407615	0.34746	358.98	358.98	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427457	5407517	0.33454	355.42	355.42	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427457	5407418	0.31987	352.23	352.23	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427457	5407319	0.30642	351	351	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427457	5407221	0.29465	352	352	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427457	5407122	0.28261	353.97	353.97	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427457	5407023	0.27158	358.55	358.55	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427553	5407714	0.33675	362	362	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427553	5407615	0.33534	360	360	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427553	5407517	0.32934	358.25	358.25	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427553	5407418	0.32214	358.56	358.56	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427553	5407319	0.30955	355.17	355.17	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427553	5407221	0.29568	352.25	352.25	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427553	5407122	0.28249	351	351	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427553	5407023	0.27282	353.88	353.88	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427649	5407714	0.31768	364.04	364.04	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427649	5407615	0.31841	362.25	362.25	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427649	5407517	0.31343	364.29	364.29	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427649	5407418	0.3095	364.9	364.9	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427649	5407319	0.30652	361.58	366	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427649	5407221	0.29965	359.57	359.57	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427649	5407122	0.28408	352.5	361	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427649	5407023	0.27372	352.5	352.5	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427745	5407517	0.29127	369.72	369.72	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427745	5407418	0.28887	371	371	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427745	5407319	0.29027	369.08	369.08	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427745	5407221	0.29121	363.91	363.91	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427745	5407122	0.28452	356.34	362	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427745	5407023	0.27278	352.45	352.45	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427842	5407517	0.27419	371.09	371.09	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427842	5407418	0.27263	372	372	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427842	5407319	0.27529	370.39	370.39	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427842	5407221	0.2783	367.13	367.13	0	MONTH	EMRSS	1ST	12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	427842	5407122	0.28002	359.72	359.72	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427842	5407023	0.26833	352	352	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427938	5407517	0.25976	371.85	371.85	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427938	5407418	0.2605	371	371	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427938	5407319	0.26292	369.44	369.44	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427938	5407221	0.26891	364.3	364.3	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427938	5407122	0.27118	358.83	358.83	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427938	5407023	0.26239	352.66	352.66	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	428034	5407517	0.25058	370.57	370.57	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	428034	5407418	0.24839	371	371	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	428034	5407319	0.25147	368.49	368.49	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	428034	5407221	0.25729	363.72	363.72	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	428034	5407122	0.26102	358.93	358.93	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	428034	5407023	0.25482	353.71	353.71	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	428130	5407517	0.24151	370	370	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	428130	5407418	0.23954	370	370	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	428130	5407319	0.2414	367.55	367.55	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	428130	5407221	0.24697	362.59	362.59	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	428130	5407122	0.24965	357.97	357.97	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	428130	5407023	0.24452	352.97	352.97	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426880	5407696	0.34811	353.15	353.15	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426880	5407600	0.32783	354.09	354.09	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426880	5407504	0.31018	355.99	355.99	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426880	5407408	0.29427	358.33	358.33	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426880	5407312	0.27254	362.3	362.3	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426880	5407216	0.24982	367.62	367.62	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426880	5407119	0.23384	370.93	370.93	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426880	5407023	0.22242	372.97	372.97	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426781	5407696	0.34333	356	356	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426781	5407600	0.32368	357.04	357.04	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426781	5407504	0.30661	358.56	358.56	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426781	5407408	0.28781	360.61	360.61	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426781	5407312	0.26606	364.81	364.81	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426781	5407216	0.24747	369.68	369.68	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426781	5407119	0.23549	372	372	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426781	5407023	0.22589	374	374	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426683	5407696	0.33985	359.06	359.06	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426683	5407600	0.31926	359.98	359.98	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426683	5407504	0.29972	361.25	361.25	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426683	5407408	0.28079	363.89	363.89	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426683	5407312	0.26398	367.43	367.43	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426683	5407216	0.25127	370	370	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426683	5407119	0.24106	371.94	371.94	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426683	5407023	0.2318	374.04	374.04	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426584	5407696	0.33058	361.53	361.53	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426584	5407600	0.31187	362.53	362.53	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426584	5407504	0.29725	362.88	362.88	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426584	5407408	0.28275	364.48	364.48	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426584	5407312	0.26858	367.47	367.47	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426584	5407216	0.25676	369.98	369.98	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426584	5407119	0.2465	371.96	371.96	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426584	5407023	0.23657	374.1	374.1	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426485	5407696	0.32328	365.1	365.1	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426485	5407600	0.30624	366.91	366.91	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426485	5407504	0.29465	366.8	366.8	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426485	5407408	0.28663	364.84	364.84	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426485	5407312	0.27669	364.7	364.7	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426485	5407216	0.26261	368.85	368.85	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426485	5407119	0.24992	372.01	372.01	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426485	5407023	0.23741	375.06	375.06	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426387	5407696	0.32068	368.41	368.41	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426387	5407600	0.30542	370	370	0	MONTH	EMRSS	1ST	12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	426387	5407504	0.29251	371	371	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426387	5407408	0.28578	368.39	368.39	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426387	5407312	0.2781	366.06	366.06	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426387	5407216	0.26182	370.9	370.9	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426387	5407119	0.24896	373	373	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426387	5407023	0.23604	375.21	375.21	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426288	5407696	0.3199	370.89	370.89	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426288	5407600	0.30175	373.78	373.78	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426288	5407504	0.29227	372.5	372.5	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426288	5407408	0.28716	368.33	368.33	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426288	5407312	0.27661	367.43	367.43	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426288	5407216	0.26029	370.96	370.96	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426288	5407119	0.24615	373	373	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426288	5407023	0.23358	374.27	374.27	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426189	5407696	0.30892	376.58	376.58	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426189	5407600	0.29562	376.59	376.59	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426189	5407504	0.2912	372.44	372.44	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426189	5407408	0.28404	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426189	5407312	0.27268	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426189	5407216	0.25734	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426189	5407119	0.24237	372	372	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426189	5407023	0.22915	373.32	373.32	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426091	5407696	0.29415	381	381	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426091	5407600	0.29134	376.7	376.7	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426091	5407504	0.2903	370.39	370.39	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426091	5407408	0.2785	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426091	5407312	0.26426	369.4	369.4	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426091	5407216	0.25039	370.02	370.02	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426091	5407119	0.23628	371.24	371.24	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426091	5407023	0.22222	373	373	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425992	5407696	0.30055	376.16	376.16	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425992	5407600	0.28916	374.34	374.34	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425992	5407504	0.28221	370.33	370.33	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425992	5407408	0.26988	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425992	5407312	0.25583	369.11	369.11	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425992	5407216	0.24141	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425992	5407119	0.22759	371.08	371.08	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425992	5407023	0.21406	372.64	372.64	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425893	5407696	0.30048	371.62	371.62	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425893	5407600	0.28425	371.42	371.42	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425893	5407504	0.27299	369.27	369.27	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425893	5407408	0.26049	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425893	5407312	0.24673	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425893	5407216	0.23231	369.05	369.05	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425893	5407119	0.21848	370.35	370.35	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425893	5407023	0.20445	372.49	372.49	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425794	5407696	0.29437	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425794	5407600	0.2755	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425794	5407504	0.26208	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425794	5407408	0.25122	366.01	366.01	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425794	5407312	0.23783	366.02	366.02	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425794	5407216	0.222	368.24	368.24	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425794	5407119	0.20799	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425794	5407023	0.1947	372	372	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425696	5407696	0.2868	364.24	364.24	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425696	5407600	0.26981	364.51	364.51	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425696	5407504	0.25654	363.59	363.59	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425696	5407408	0.24418	362.68	362.68	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425696	5407312	0.22876	364.12	364.12	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425696	5407216	0.21343	366.3	366.3	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425696	5407119	0.20376	368.96	368.96	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425696	5407023	0.19597	370.61	370.61	0 MONTH	EMRSS	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	425597	5407696	0.28326	358.97	358.97	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425597	5407600	0.26725	359.06	359.06	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425597	5407504	0.25509	360	360	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425597	5407408	0.24513	361.05	361.05	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425597	5407312	0.2346	363	363	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425597	5407216	0.22446	365.14	365.14	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425597	5407119	0.21478	367.25	367.25	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425597	5407023	0.20615	368.85	368.85	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425498	5407696	0.28885	360	360	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425498	5407600	0.27781	360.32	360.32	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425498	5407504	0.26663	361	361	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425498	5407408	0.25499	362.32	362.32	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425498	5407312	0.24358	364.04	364.04	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425498	5407216	0.23385	365.06	365.06	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425498	5407119	0.22472	366	366	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425498	5407023	0.21607	367	367	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425400	5407696	0.30174	361	361	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425400	5407600	0.28795	361.98	361.98	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425400	5407504	0.27506	363.01	363.01	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425400	5407408	0.26104	365.12	365.12	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425400	5407312	0.24819	367.19	367.19	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425400	5407216	0.23704	368.74	368.74	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425400	5407119	0.22728	369.79	369.79	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425400	5407023	0.2204	369.34	369.34	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425301	5407696	0.31492	361.78	361.78	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425301	5407600	0.29929	363	363	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425301	5407504	0.2831	365.07	365.07	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425301	5407408	0.26806	367.23	367.23	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425301	5407312	0.25493	369	369	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425301	5407216	0.24402	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425301	5407119	0.23545	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425301	5407023	0.2274	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424413	5408177	0.64418	354	354	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424413	5408081	0.61835	356	356	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424413	5407985	0.59338	358	358	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424413	5407889	0.56577	359.98	359.98	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424413	5407792	0.52469	366.77	369	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424413	5407696	0.48268	373.85	373.85	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424413	5407600	0.45388	376.64	376.64	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424413	5407504	0.43942	375.3	375.3	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424413	5407408	0.42938	372.2	372.2	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424413	5407312	0.4168	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424413	5407216	0.40226	368.94	368.94	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424413	5407119	0.38929	367	367	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424413	5407023	0.37639	365.15	365.15	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424314	5408177	0.64018	354	354	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424314	5408081	0.61482	355.75	355.75	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424314	5407985	0.58888	357	357	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424314	5407889	0.56365	358.04	358.04	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424314	5407792	0.53791	360.23	373	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424314	5407696	0.49773	367.81	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424314	5407600	0.46461	372.59	372.59	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424314	5407504	0.44717	372.1	372.1	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424314	5407408	0.4341	370.07	370.07	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424314	5407312	0.42202	367.47	367.47	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424314	5407216	0.40806	365.95	365.95	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424314	5407119	0.3942	364.62	364.62	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424314	5407023	0.3802	364	364	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424216	5408177	0.62842	354	354	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424216	5408081	0.60272	355	355	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424216	5407985	0.58087	356.95	356.95	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424216	5407889	0.55705	358	358	0 MONTH	EMRSS	1ST		12/31/2000 24 hr



Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	424216	5407792	0.53406	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424216	5407696	0.50355	362.68	362.68	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424216	5407600	0.47228	367.29	367.29	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424216	5407504	0.45191	367.82	367.82	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424216	5407408	0.43763	365.91	365.91	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424216	5407312	0.42532	363	363	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424216	5407216	0.409	363	363	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424216	5407119	0.39202	364.27	364.27	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424216	5407023	0.3765	365.35	365.35	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424117	5408177	0.61029	354	354	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424117	5408081	0.59035	355.87	355.87	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424117	5407985	0.56823	357	357	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424117	5407889	0.54628	358	358	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424117	5407792	0.5249	359.32	359.32	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424117	5407696	0.50016	360.57	360.57	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424117	5407600	0.4784	361	361	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424117	5407504	0.45809	361.37	361.37	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424117	5407408	0.43846	362	362	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424117	5407312	0.41869	363.53	368	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424117	5407216	0.39624	367.37	367.37	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424117	5407119	0.38019	368.29	368.29	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424117	5407023	0.36696	368.2	368.2	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424018	5408177	0.59172	355.51	355.51	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424018	5408081	0.57205	356.55	356.55	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424018	5407985	0.55239	357.54	357.54	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424018	5407889	0.5322	358.21	358.21	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424018	5407792	0.51258	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424018	5407696	0.49104	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424018	5407600	0.46595	362.67	362.67	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424018	5407504	0.44111	365.89	365.89	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424018	5407408	0.41746	368.97	368.97	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424018	5407312	0.39731	370.91	370.91	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424018	5407216	0.38238	371	371	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424018	5407119	0.36848	371	371	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424018	5407023	0.35741	370	370	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423919	5408177	0.57022	358	358	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423919	5408081	0.55067	358	358	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423919	5407985	0.5317	358	358	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423919	5407889	0.51314	358	358	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423919	5407792	0.49676	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423919	5407696	0.47593	360.88	360.88	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423919	5407600	0.45125	364.73	364.73	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423919	5407504	0.42639	368.87	368.87	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423919	5407408	0.40581	371.04	371.04	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423919	5407312	0.38871	372	372	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423919	5407216	0.37448	372	372	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423919	5407119	0.36087	372	372	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423919	5407023	0.35001	371	371	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423821	5408177	0.53827	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423821	5408081	0.52372	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423821	5407985	0.50574	358	358	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423821	5407889	0.48969	357.67	357.67	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423821	5407792	0.47694	359.5	359.5	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423821	5407696	0.45706	361.94	361.94	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423821	5407600	0.43578	365.79	365.79	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423821	5407504	0.41577	369	369	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423821	5407408	0.39767	371.1	371.1	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423821	5407312	0.38231	372	372	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423821	5407216	0.36968	371.72	371.72	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423821	5407119	0.3581	371	371	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423821	5407023	0.3456	371	371	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423722	5408177	0.50735	359.06	359.06	0	MONTH	EMRSS	1ST	12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	423722	5408081	0.49059	358	358	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423722	5407985	0.47356	356.35	356.35	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423722	5407889	0.46228	357	357	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423722	5407792	0.45268	358.55	358.55	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423722	5407696	0.43998	360	360	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423722	5407600	0.42137	363.84	363.84	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423722	5407504	0.40316	368	368	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423722	5407408	0.38822	370.1	370.1	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423722	5407312	0.37581	370.74	370.74	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423722	5407216	0.3657	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423722	5407119	0.35428	369.91	369.91	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423722	5407023	0.34268	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423623	5408177	0.47258	357	357	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423623	5408081	0.45652	356	356	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423623	5407985	0.44426	356	356	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423623	5407889	0.43477	356.87	356.87	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423623	5407792	0.42611	358	358	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423623	5407696	0.41605	360.04	360.04	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423623	5407600	0.39921	363.9	363.9	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423623	5407504	0.38539	367.05	367.05	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423623	5407408	0.37382	369	369	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423623	5407312	0.36527	369	369	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423623	5407216	0.35769	368	368	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423623	5407119	0.34947	367	367	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423623	5407023	0.34028	366.54	366.54	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423525	5408177	0.44268	355	355	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423525	5408081	0.42869	355	355	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423525	5407985	0.41635	355	355	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423525	5407889	0.40735	356	356	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423525	5407792	0.4002	357.67	357.67	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423426	5408177	0.41836	353	353	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423426	5408081	0.40634	354	354	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423426	5407985	0.39325	354	354	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423426	5407889	0.38464	355.56	355.56	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423426	5407792	0.3792	358.78	372	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423327	5408177	0.40111	352	352	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423327	5408081	0.38793	352.5	352.5	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423327	5407985	0.37545	353	353	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423327	5407889	0.36667	355	378	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423327	5407792	0.35747	360.58	380	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423229	5408177	0.39412	354.3	354.3	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423229	5408081	0.38184	355	355	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423229	5407985	0.36916	355.59	355.59	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423229	5407889	0.3592	357.72	381	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423229	5407792	0.3268	367.49	380	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423130	5408177	0.3842	356	356	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423130	5408081	0.37458	357	357	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423130	5407985	0.36334	357.83	357.83	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423130	5407889	0.3487	360.74	380	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424284	5408273	0.66337	352.46	352.46	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424284	5408372	0.69141	351	351	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424284	5408471	0.71743	349	349	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424284	5408569	0.74816	347.79	347.79	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424188	5408273	0.64511	352	352	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424188	5408372	0.66798	350.26	350.26	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424188	5408471	0.6934	349	349	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424188	5408569	0.715	347.04	347.04	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424092	5408273	0.62663	353	353	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424092	5408372	0.64493	351.02	351.02	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424092	5408471	0.66743	350	350	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424092	5408569	0.68361	347.79	347.79	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423995	5408273	0.60504	354.72	354.72	0 MONTH	EMRSS	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	423995	5408372	0.61988	352.59	352.59	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423995	5408471	0.63402	350.49	350.49	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423995	5408569	0.64467	347.85	347.85	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423899	5408273	0.58276	357.85	357.85	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423899	5408372	0.59416	355.06	355.06	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423899	5408471	0.59916	351.16	351.16	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423899	5408569	0.60891	348.73	348.73	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423803	5408273	0.549	360	360	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423803	5408372	0.56578	357.44	357.44	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423803	5408471	0.56645	352.21	352.21	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423803	5408569	0.57654	349.96	349.96	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423707	5408273	0.51819	358.98	358.98	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423707	5408372	0.52874	356.34	356.34	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423707	5408471	0.53328	352.27	352.27	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423707	5408569	0.5433	350.01	350.01	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423611	5408273	0.48167	355.94	355.94	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423611	5408372	0.49174	353.6	353.6	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423611	5408471	0.50195	351.33	351.33	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423611	5408569	0.5155	350	350	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423515	5408273	0.45122	353.29	353.29	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423515	5408372	0.46411	352	352	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423515	5408471	0.47832	351	351	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423515	5408569	0.4921	350	350	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423418	5408273	0.42971	352	352	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423418	5408372	0.44284	351	351	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423418	5408471	0.4567	350.37	350.37	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423418	5408569	0.47008	350	350	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423322	5408273	0.41215	351	351	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423322	5408372	0.42645	351	351	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423322	5408471	0.43944	351	351	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423322	5408569	0.44686	350.13	350.13	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423226	5408273	0.40592	354	354	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423226	5408372	0.4147	353	353	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423226	5408471	0.42054	352	352	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423226	5408569	0.4297	351.25	351.25	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	423130	5408273	0.3919	355.12	355.12	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423130	5408372	0.39843	354.82	354.82	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423130	5408471	0.41208	353.62	353.62	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	423130	5408569	0.43507	353	353	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	423530	5415023	0.2432	394	394	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	423730	5415023	0.22863	395.63	395.63	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	423930	5415023	0.21999	396.34	396.34	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
MINE	424130	5414623	0.24722	400	400	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
MINE	424130	5414823	0.23687	397.55	397.55	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
MINE	424130	5415023	0.22065	398	398	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
MINE	424330	5414623	0.23827	399.72	399.72	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
MINE	424330	5414823	0.22244	400	400	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	424330	5415023	0.2214	397	397	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	424530	5414623	0.28446	393.92	393.92	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	424530	5414823	0.26728	394.09	394.09	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	424530	5415023	0.25571	393.27	393.27	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	424730	5414623	0.34416	388	388	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	424730	5414823	0.3264	387	387	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	424730	5415023	0.3093	386.18	386.18	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	424930	5414223	0.45224	386	386	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	424930	5414423	0.40435	388.43	388.43	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	424930	5414623	0.36565	390.27	390.27	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	424930	5414823	0.35574	387.3	387.3	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	424930	5415023	0.35717	381	381	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	425130	5414223	0.42597	392.46	395	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	425130	5414423	0.45787	383	383	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	425130	5414623	0.40536	387	387	0 MONTH	EMRSS	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill High	Flagpole	Average	Source	Gi	Rank	Net ID	Date (DATE(CON
MINE	425130	5414823	0.38924	384.85	384.85	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	425130	5415023	0.37956	381	381	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	425330	5414223	0.45863	384.97	384.97	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	425330	5414423	0.45191	381	381	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	425330	5414623	0.42	382.16	382.16	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	425330	5414823	0.40065	381	381	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	425330	5415023	0.38848	378	378	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	425530	5414223	0.41478	382	382	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	425530	5414423	0.40187	380	380	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	425530	5414623	0.38583	379	379	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	425530	5414823	0.36746	379	379	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	425530	5415023	0.35374	378	378	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	425730	5414223	0.35808	381	381	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	425730	5414423	0.34241	380	380	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	425730	5414623	0.32537	380	380	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	425730	5414823	0.3105	380	380	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	425730	5415023	0.30034	379	379	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	425930	5414223	0.3228	380	380	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	425930	5414423	0.30185	381	381	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	425930	5414623	0.28237	382	382	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	425930	5414823	0.26994	381	381	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	425930	5415023	0.26131	379	379	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	426130	5414223	0.35679	380.57	380.57	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	426130	5414423	0.30744	382	382	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	426130	5414623	0.26333	384	384	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	426130	5414823	0.24481	383.86	383.86	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	426130	5415023	0.23686	381.47	381.47	0 MONTH	EMRSS	1ST			2/28/1998 24 hr
MINE	426330	5414223	0.40098	380	380	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	426330	5414423	0.35873	380	380	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	426330	5414623	0.31437	381.87	381.87	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	426330	5414823	0.27007	385.51	385.51	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	426330	5415023	0.23509	387.56	387.56	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	426530	5414223	0.42644	378	378	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	426530	5414423	0.38567	379	379	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	426530	5414623	0.34469	381	381	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	426530	5414823	0.29448	386.94	386.94	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	426530	5415023	0.25817	390	390	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	426730	5414223	0.4251	378	378	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	426730	5414423	0.39184	378.61	378.61	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	426730	5414623	0.35779	380	380	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	426730	5414823	0.30737	386.74	386.74	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	426730	5415023	0.27612	389.16	389.16	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	426930	5414223	0.41113	378.5	378.5	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	426930	5414423	0.38388	379	379	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	426930	5414623	0.35572	380	380	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	426930	5414823	0.3224	383	383	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	426930	5415023	0.29485	385	385	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	427130	5414223	0.38636	380	380	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	427130	5414423	0.36727	380	380	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	427130	5414623	0.34391	381	381	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	427130	5414823	0.32103	382	382	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	427130	5415023	0.29591	384	384	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	427330	5414223	0.36107	380	380	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	427330	5414423	0.34595	381	381	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	427330	5414623	0.32854	381.79	381.79	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	427330	5414823	0.31202	382.06	382.06	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	427330	5415023	0.29331	383	383	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	427530	5414223	0.319	383	383	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	427530	5414423	0.31721	383	383	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	427530	5414623	0.30842	383	383	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	427530	5414823	0.29964	382	382	0 MONTH	EMRSS	1ST			2/29/2000 24 hr
MINE	427530	5415023	0.28889	381.28	381.28	0 MONTH	EMRSS	1ST			2/29/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	427730	5414223	0.26228	388.65	388.65	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	427730	5414423	0.27942	386.28	386.28	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	427730	5414623	0.28028	386	386	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	427730	5414823	0.27639	385	385	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	427730	5415023	0.27156	383.26	383.26	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	427930	5414223	0.20012	394.48	400	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	427930	5414423	0.24529	384	384	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	427930	5414623	0.26492	380	380	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	427930	5414823	0.2679	380	380	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	427930	5415023	0.26205	381	381	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	428130	5414223	0.16805	399.38	399.38	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	428130	5414423	0.19142	388.75	388.75	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	428130	5414623	0.22518	381.08	381.08	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	428130	5414823	0.24142	379	379	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	428130	5415023	0.24507	379.67	379.67	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	428330	5414223	0.17348	392.58	411	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	428330	5414423	0.17515	392	392	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	428330	5414623	0.18804	382	382	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	428330	5414823	0.2015	382.78	382.78	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	428330	5415023	0.21845	380	380	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	428530	5414223	0.13802	403.11	403.11	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	428530	5414423	0.16884	390.52	390.52	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	428530	5414623	0.16699	389.99	389.99	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	428530	5414823	0.15758	391	391	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	428530	5415023	0.17258	391	391	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	428730	5414223	0.12916	401.33	401.33	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	428730	5414423	0.1397	397.11	410	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	428730	5414623	0.14008	399.21	399.21	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	428730	5414823	0.14243	396.87	396.87	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	428730	5415023	0.1305	399.35	399.35	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	428930	5412623	0.21933	396	396	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	428930	5412823	0.20832	395.38	395.38	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	428930	5413023	0.2034	392	392	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	428930	5413223	0.18733	390.08	390.08	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429130	5412623	0.20376	399	399	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429130	5412823	0.19686	396.27	396.27	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429130	5413023	0.19637	391.83	391.83	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429130	5413223	0.18601	390	390	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429330	5412623	0.19524	400	400	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429330	5412823	0.18259	399.16	399.16	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429330	5413023	0.18162	395.32	395.32	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429330	5413223	0.18165	389.89	389.89	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429530	5412623	0.19488	398	398	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429530	5412823	0.17934	398	398	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429530	5413023	0.16483	400	400	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429530	5413223	0.16822	394.35	400	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429730	5412623	0.19671	394.58	394.58	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429730	5412823	0.18671	392	392	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429730	5413023	0.17591	390	390	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429730	5413223	0.169	389	389	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429730	5413423	0.15954	391	391	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429730	5413623	0.15594	382	382	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429730	5413823	0.13731	385.87	385.87	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429730	5414023	0.13482	384.83	384.83	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
MINE	429930	5412623	0.19481	392	392	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429930	5412823	0.18407	391	391	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429930	5413023	0.17335	388.2	388.2	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429930	5413223	0.16442	387.12	387.12	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429930	5413423	0.15487	390	390	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429930	5413623	0.15373	381.89	391	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429930	5413823	0.14085	381.85	381.85	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	429930	5414023	0.12421	387	387	0 MONTH	EMRSS	1ST		12/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	430130	5412623	0.19036	390	390	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430130	5412823	0.1841	388	388	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430130	5413023	0.17225	386	386	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430130	5413223	0.16204	384.11	384.11	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430130	5413423	0.15623	382.36	385	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430130	5413623	0.1512	380	380	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430130	5413823	0.1404	381.62	381.62	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430130	5414023	0.12671	383	383	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430330	5412623	0.18342	389	389	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430330	5412823	0.18123	386	386	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430330	5413023	0.17212	383	383	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430330	5413223	0.16155	380	380	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430330	5413423	0.15232	380	380	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430330	5413623	0.14754	378	378	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430330	5413823	0.13526	386.26	390	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430330	5414023	0.1235	390.05	390.05	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430530	5413423	0.14799	379	379	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430530	5413623	0.14221	378	378	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430530	5413823	0.13624	378.34	378.34	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430530	5414023	0.12359	388.07	388.07	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430730	5413423	0.14425	378.5	378.5	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430730	5413623	0.13707	378	378	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430730	5413823	0.13152	379	379	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430730	5414023	0.12533	380	380	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430930	5413423	0.14142	378	378	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430930	5413623	0.13259	378	378	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	430930	5413823	0.12791	379.29	379.29	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	430930	5414023	0.12246	379	379	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	431130	5413423	0.13949	377	377	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	431130	5413623	0.129	378	378	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	431130	5413823	0.12347	377.01	377.01	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	431130	5414023	0.11966	378	378	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	428330	5407423	0.22678	364	364	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428330	5407223	0.22966	359.51	359.51	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428330	5407023	0.22497	354.12	354.12	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428330	5406823	0.22595	358	358	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428330	5406623	0.22242	362	362	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428330	5406423	0.21795	364.03	364.03	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428330	5406223	0.20975	365.42	365.42	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428330	5406023	0.1966	363.67	363.67	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428330	5405823	0.18023	362	362	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428330	5405623	0.16343	360.27	360.27	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428330	5405423	0.14589	362	362	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428330	5405223	0.12894	364.84	364.84	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428330	5405023	0.11461	367.47	367.47	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428330	5404823	0.10903	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	428330	5404623	0.10182	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	428330	5404423	0.09245	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	428330	5404223	0.08957	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428330	5404023	0.08793	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428530	5407423	0.20789	363.26	363.26	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428530	5407223	0.20895	355.62	355.62	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428530	5407023	0.20875	360.01	360.01	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428530	5406823	0.20591	361	361	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428530	5406623	0.20413	362	362	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428530	5406423	0.20261	364	364	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428530	5406223	0.20127	363	363	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428530	5406023	0.19548	361.72	361.72	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428530	5405823	0.18508	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428530	5405623	0.17205	361	361	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428530	5405423	0.15667	363	363	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428530	5405223	0.1402	365	365	0 MONTH	EMRSS	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	428530	5405023	0.12415	367.36	367.36	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428530	5404823	0.11041	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428530	5404623	0.10413	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	428530	5404423	0.09973	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	428530	5404223	0.09285	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	428530	5404023	0.08424	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	428730	5407423	0.18796	363.37	363.37	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428730	5407223	0.19014	353	353	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428730	5407023	0.19189	355.9	355.9	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428730	5406823	0.19026	361	361	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428730	5406623	0.18742	362	362	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428730	5406423	0.18692	362	362	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428730	5406223	0.1871	362	362	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428730	5406023	0.18658	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428730	5405823	0.18212	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428730	5405623	0.1747	361.18	361.18	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428730	5405423	0.16419	363	363	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428730	5405223	0.15083	365	365	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428730	5405023	0.13581	367	367	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428730	5404823	0.12117	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428730	5404623	0.10797	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428730	5404423	0.09795	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	428730	5404223	0.09601	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	428730	5404023	0.09153	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	428930	5407423	0.17058	361.48	361.48	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428930	5407223	0.17387	354	354	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428930	5407023	0.17694	356	356	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428930	5406823	0.1777	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428930	5406623	0.17604	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428930	5406423	0.17445	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428930	5406223	0.17382	359.97	359.97	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428930	5406023	0.17406	359.25	359.25	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428930	5405823	0.17282	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428930	5405623	0.17002	361.1	361.1	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428930	5405423	0.16492	363	363	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428930	5405223	0.15653	364	364	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428930	5405023	0.14531	365.92	365.92	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428930	5404823	0.1322	366.94	366.94	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428930	5404623	0.11869	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428930	5404423	0.10621	368.43	368.43	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428930	5404223	0.09532	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428930	5404023	0.09087	369	369	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	429130	5408823	0.17507	389	389	0 MONTH	EMRSS	1ST		7/31/1998 24 hr
MINE	429130	5408623	0.17634	389	389	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	429130	5407423	0.15756	359.59	359.59	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429130	5407223	0.15844	355	355	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429130	5407023	0.16226	356.68	356.68	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429130	5406823	0.1646	358	358	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429130	5406623	0.16437	358	358	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429130	5406423	0.16314	359	359	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429130	5406223	0.16104	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429130	5406023	0.16039	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429130	5405823	0.15977	361	361	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429130	5405623	0.15999	361	361	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429130	5405423	0.15868	363	363	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429130	5405223	0.1554	364	364	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429130	5405023	0.14906	365	365	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429130	5404823	0.1398	366	366	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429130	5404623	0.12846	367	367	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429130	5404423	0.11623	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429130	5404223	0.10389	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429130	5404023	0.09331	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	429330	5408823	0.17093	384.78	384.78	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	429330	5408623	0.16539	385.38	385.38	0 MONTH	EMRSS	1ST		2/28/1997 24 hr
MINE	429330	5407423	0.15021	357.52	357.52	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	429330	5407223	0.14489	355	355	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429330	5407023	0.14765	356	356	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429330	5406823	0.15102	357	357	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429330	5406623	0.15295	358	358	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429330	5406423	0.15287	359.08	359.08	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429330	5406223	0.15128	359.33	359.33	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429330	5406023	0.14918	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429330	5405823	0.14753	361	361	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429330	5405623	0.14729	362	362	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429330	5405423	0.14825	362	362	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429330	5405223	0.14803	364.29	364.29	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429330	5405023	0.14643	366.92	366.92	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429330	5404823	0.14195	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429330	5404623	0.13436	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429330	5404423	0.1245	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429330	5404223	0.11334	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429330	5404023	0.10226	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429530	5408423	0.16285	379.99	379.99	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	429530	5408223	0.16816	377	377	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	429530	5408023	0.1668	372.71	372.71	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	429530	5407823	0.16157	365.16	365.16	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	429530	5407623	0.15259	359	359	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	429530	5407423	0.1426	356.81	356.81	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	429530	5407223	0.13893	355.91	355.91	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	429530	5407023	0.13541	357	357	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429530	5406823	0.13806	357	357	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429530	5406623	0.14144	359	359	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429530	5406423	0.14131	368.52	368.52	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429530	5406223	0.14213	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429530	5406023	0.14035	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429530	5405823	0.13776	361	361	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429530	5405623	0.13613	362	362	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429530	5405423	0.13608	363	363	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429530	5405223	0.13679	365	365	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429530	5405023	0.13783	367.24	367.24	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429530	5404823	0.13763	369.21	369.21	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429530	5404623	0.13478	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429530	5404423	0.1289	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429530	5404223	0.12057	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429530	5404023	0.11092	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429730	5408423	0.15344	378	378	0 MONTH	EMRSS	1ST		2/28/1997 24 hr
MINE	429730	5408223	0.15845	374	374	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	429730	5408023	0.16009	369.84	369.84	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	429730	5407823	0.15699	361.19	361.19	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	429730	5407623	0.14915	358	358	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	429730	5407423	0.13881	356.37	356.37	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	429730	5407223	0.13294	356	356	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	429730	5407023	0.12946	357	357	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	429730	5406823	0.1267	358	358	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429730	5406623	0.12967	359	359	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429730	5406423	0.13099	367.04	367.04	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429730	5406223	0.13272	366.11	366.11	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429730	5406023	0.13165	364	364	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429730	5405823	0.12884	364	364	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429730	5405623	0.12628	364	364	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429730	5405423	0.12455	365	365	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429730	5405223	0.12419	367	367	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429730	5405023	0.12614	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429730	5404823	0.12809	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	429730	5404623	0.12924	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429730	5404423	0.12773	369.39	369.39	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429730	5404223	0.12334	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429730	5404023	0.11656	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429930	5408423	0.14874	373.35	373.35	0 MONTH	EMRSS	1ST		2/28/1997 24 hr
MINE	429930	5408223	0.14814	369.56	369.56	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	429930	5408023	0.15208	363.02	363.02	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	429930	5407823	0.1504	359.29	359.29	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	429930	5407623	0.14484	358	358	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	429930	5407423	0.1372	358.49	358.49	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	429930	5407223	0.12738	356.39	356.39	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	429930	5407023	0.12481	358	358	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	429930	5406823	0.12104	359	359	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	429930	5406623	0.11806	360.58	360.58	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429930	5406423	0.12032	363.04	363.04	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429930	5406223	0.12337	365.79	365.79	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429930	5406023	0.12451	367.78	367.78	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429930	5405823	0.12265	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429930	5405623	0.11971	366.29	366.29	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429930	5405423	0.11687	366	366	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429930	5405223	0.11429	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429930	5405023	0.11455	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429930	5404823	0.11665	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429930	5404623	0.11961	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429930	5404423	0.1215	368.53	368.53	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429930	5404223	0.12086	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429930	5404023	0.11784	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430130	5408423	0.14009	371.22	371.22	0 MONTH	EMRSS	1ST		2/28/1997 24 hr
MINE	430130	5408223	0.14024	366.78	366.78	0 MONTH	EMRSS	1ST		2/28/1997 24 hr
MINE	430130	5408023	0.14252	361	361	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	430130	5407823	0.14286	359	359	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	430130	5407623	0.13978	360.53	360.53	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	430130	5407423	0.13402	360	360	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	430130	5407223	0.12606	357	357	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	430130	5407023	0.11845	358	358	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	430130	5406823	0.11715	359	359	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	430130	5406623	0.11395	363.41	363.41	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	430130	5406423	0.10757	369.41	369.41	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	430130	5406223	0.11214	368.17	368.17	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430130	5406023	0.11593	369.69	369.69	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430130	5405823	0.11709	370.01	370.01	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430130	5405623	0.11537	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430130	5405423	0.11219	367	367	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430130	5405223	0.10853	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430130	5405023	0.10633	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430130	5404823	0.10696	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430130	5404623	0.10954	368.37	368.37	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430130	5404423	0.11256	367	367	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430130	5404223	0.11426	367.03	367.03	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430130	5404023	0.11439	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430330	5407423	0.12996	360.24	360.24	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	430330	5407223	0.1237	357	357	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	430330	5407023	0.11673	359.95	359.95	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	430330	5406823	0.11193	362.08	362.08	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	430330	5406623	0.11117	368.6	381	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	430330	5406423	0.10568	380	380	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	430330	5406223	0.10004	374.6	374.6	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	430330	5406023	0.10441	374.95	374.95	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430330	5405823	0.10948	371.15	371.15	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430330	5405623	0.11059	369.53	369.53	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430330	5405423	0.10878	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430330	5405223	0.10533	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	430330	5405023	0.10234	367.42	367.42	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430330	5404823	0.10091	367	367	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430330	5404623	0.10169	366.1	366.1	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430330	5404423	0.10344	366	366	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430330	5404223	0.10546	367	367	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430330	5404023	0.10727	369	369	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430530	5410023	0.17753	381	381	0	MONTH	EMRSS	1ST	12/31/1998 24 hr
MINE	430530	5409823	0.16696	381	381	0	MONTH	EMRSS	1ST	12/31/1998 24 hr
MINE	430530	5409623	0.16789	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
MINE	430530	5409423	0.18298	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
MINE	430530	5409223	0.18478	381	381	0	MONTH	EMRSS	1ST	1/31/1996 24 hr
MINE	430530	5409023	0.17988	381	381	0	MONTH	EMRSS	1ST	1/31/1996 24 hr
MINE	430530	5408823	0.16281	379.88	379.88	0	MONTH	EMRSS	1ST	1/31/1996 24 hr
MINE	430530	5408623	0.14243	377.39	377.39	0	MONTH	EMRSS	1ST	1/31/1996 24 hr
MINE	430530	5407423	0.12523	360.46	360.46	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
MINE	430530	5407223	0.1208	360.86	360.86	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
MINE	430530	5407023	0.11499	360	360	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
MINE	430530	5406823	0.10681	367.66	367.66	0	MONTH	EMRSS	1ST	10/31/1999 24 hr
MINE	430530	5406623	0.10563	374	374	0	MONTH	EMRSS	1ST	4/30/1996 24 hr
MINE	430530	5406423	0.10367	379	379	0	MONTH	EMRSS	1ST	4/30/1996 24 hr
MINE	430530	5406223	0.09954	378.54	378.54	0	MONTH	EMRSS	1ST	4/30/1996 24 hr
MINE	430530	5406023	0.09401	374	374	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430530	5405823	0.10013	371	371	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430530	5405623	0.10391	369	369	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430530	5405423	0.10466	368	368	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430530	5405223	0.10289	367	367	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430530	5405023	0.09972	367	367	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430530	5404823	0.09711	366	366	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430530	5404623	0.09603	365	365	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430530	5404423	0.09605	365	365	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430530	5404223	0.09743	365	365	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430530	5404023	0.09932	365.54	365.54	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430730	5410023	0.16892	381	381	0	MONTH	EMRSS	1ST	12/31/1998 24 hr
MINE	430730	5409823	0.16148	380	380	0	MONTH	EMRSS	1ST	12/31/1998 24 hr
MINE	430730	5409623	0.15544	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
MINE	430730	5409423	0.17123	380.15	380.15	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
MINE	430730	5409223	0.17777	377.17	377.17	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
MINE	430730	5409023	0.17678	376.24	376.24	0	MONTH	EMRSS	1ST	1/31/1996 24 hr
MINE	430730	5408823	0.16418	374.94	374.94	0	MONTH	EMRSS	1ST	1/31/1996 24 hr
MINE	430730	5408623	0.14736	368.41	368.41	0	MONTH	EMRSS	1ST	1/31/1996 24 hr
MINE	430730	5407423	0.11995	362	362	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
MINE	430730	5407223	0.1167	364.94	364.94	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
MINE	430730	5407023	0.11178	365.1	365.1	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
MINE	430730	5406823	0.10541	367.59	367.59	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
MINE	430730	5406623	0.10087	372.09	372.09	0	MONTH	EMRSS	1ST	10/31/1999 24 hr
MINE	430730	5406423	0.09996	376.42	376.42	0	MONTH	EMRSS	1ST	4/30/1996 24 hr
MINE	430730	5406223	0.09859	374.16	374.16	0	MONTH	EMRSS	1ST	4/30/1996 24 hr
MINE	430730	5406023	0.0944	370.1	370.1	0	MONTH	EMRSS	1ST	4/30/1996 24 hr
MINE	430730	5405823	0.09111	369	369	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430730	5405623	0.09554	369.06	369.06	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430730	5405423	0.0986	370	370	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430730	5405223	0.09917	369	369	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430730	5405023	0.09739	367	367	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430730	5404823	0.09457	366	366	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430730	5404623	0.09235	364.57	364.57	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430730	5404423	0.09108	364	364	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430730	5404223	0.09147	363	363	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430730	5404023	0.09246	363	363	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	430930	5410023	0.16071	381	381	0	MONTH	EMRSS	1ST	12/31/1998 24 hr
MINE	430930	5409823	0.15549	380	380	0	MONTH	EMRSS	1ST	12/31/1998 24 hr
MINE	430930	5409623	0.14614	378	378	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
MINE	430930	5409423	0.16235	377.07	377.07	0	MONTH	EMRSS	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	430930	5409223	0.17092	375.17	375.17	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	430930	5409023	0.17144	371.64	371.64	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	430930	5408823	0.16306	369.01	369.01	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	430930	5408623	0.14607	369.88	369.88	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	430930	5407423	0.11427	362.07	362.07	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	430930	5407223	0.1126	365.99	365.99	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	430930	5407023	0.10835	369	369	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	430930	5406823	0.10285	371	371	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	430930	5406623	0.09866	373	373	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	430930	5406423	0.09495	374	374	0 MONTH	EMRSS	1ST		10/31/1999 24 hr
MINE	430930	5406223	0.09538	372	372	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	430930	5406023	0.09322	370	370	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	430930	5405823	0.08882	370	370	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	430930	5405623	0.0865	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430930	5405423	0.09085	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430930	5405223	0.09377	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430930	5405023	0.09412	367	367	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430930	5404823	0.09247	365.31	365.31	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430930	5404623	0.08993	364.67	364.67	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430930	5404423	0.08763	364	364	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430930	5404223	0.08657	363	363	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430930	5404023	0.08628	363	363	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	431130	5410023	0.15287	381	381	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	431130	5409823	0.14916	381	381	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	431130	5409623	0.13703	380	380	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	431130	5409423	0.14907	380	380	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	431130	5409223	0.16241	375.38	375.38	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	431130	5409023	0.16423	370.75	370.75	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	431130	5408823	0.15897	371	371	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	431130	5408623	0.14497	370.5	370.5	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	431130	5408423	0.12867	367.74	367.74	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	431130	5408223	0.11798	361	361	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	431130	5408023	0.10926	359	359	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	431130	5407823	0.10811	360	360	0 MONTH	EMRSS	1ST		2/28/1997 24 hr
MINE	431130	5407623	0.10624	361	361	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	431130	5407423	0.10825	362.31	362.31	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	431130	5407223	0.10815	366	366	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	431130	5407023	0.10526	369.7	369.7	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	431130	5406823	0.10067	371.55	371.55	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	431130	5406623	0.09622	373.87	373.87	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	431130	5406423	0.09269	374	374	0 MONTH	EMRSS	1ST		10/31/1999 24 hr
MINE	431130	5406223	0.09056	373	373	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	431130	5406023	0.09053	373	373	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	431130	5405823	0.08808	371	371	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	431130	5405623	0.0837	370	370	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	431130	5405423	0.08257	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	431130	5405223	0.08676	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	431130	5405023	0.08923	367	367	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	431130	5404823	0.0894	365.41	365.41	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	431130	5404623	0.08786	364.78	364.78	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	431130	5404423	0.0855	364	364	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	431130	5404223	0.08288	364.5	364.5	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	431130	5404023	0.08095	365	365	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428130	5406823	0.24274	355.87	355.87	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428130	5406623	0.23661	362	362	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428130	5406423	0.22451	366	366	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428130	5406223	0.20711	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428130	5406023	0.18732	366	366	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428130	5405823	0.16831	363	363	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428130	5405623	0.15084	362	362	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428130	5405423	0.13659	361	361	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428130	5405223	0.1218	364	364	0 MONTH	EMRSS	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	428130	5405023	0.1116	366.58	366.58	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	428130	5404823	0.10358	369	369	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	428130	5404623	0.0994	370	370	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	428130	5404423	0.09721	370	370	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	428130	5404223	0.09581	369.94	369.94	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	428130	5404023	0.09484	369	369	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427930	5406823	0.25682	360.98	360.98	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427930	5406623	0.24028	364.37	364.37	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427930	5406423	0.21784	368.25	368.25	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427930	5406223	0.19277	370	370	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427930	5406023	0.17105	368	368	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427930	5405823	0.15388	365	365	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427930	5405623	0.14043	363	363	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427930	5405423	0.13107	361	361	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427930	5405223	0.12176	362	362	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427930	5405023	0.11464	364	364	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427930	5404823	0.10995	366	366	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427930	5404623	0.10688	367.96	367.96	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427930	5404423	0.10503	368	368	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427930	5404223	0.10312	368	368	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427930	5404023	0.10086	368	368	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427730	5406823	0.25738	361.08	361.08	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427730	5406623	0.22909	367.72	367.72	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427730	5406423	0.19835	372	372	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427730	5406223	0.17359	372	372	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427730	5406023	0.15668	369	369	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427730	5405823	0.14422	366.74	366.74	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427730	5405623	0.13645	364	364	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427730	5405423	0.13143	361.35	361.35	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427730	5405223	0.12438	364	364	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427730	5405023	0.12115	363	363	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427730	5404823	0.11792	363	363	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427730	5404623	0.11467	364	364	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427730	5404423	0.11135	365	365	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427730	5404223	0.10771	365.12	365.12	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427730	5404023	0.10361	366	366	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427530	5406823	0.24666	359.92	359.92	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427530	5406623	0.21341	364.84	364.84	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427530	5406423	0.17913	373.47	373.47	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427530	5406223	0.15781	375.94	375.94	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427530	5406023	0.14967	371.26	371.26	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427530	5405823	0.14346	368.62	368.62	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427530	5405623	0.14136	362.99	362.99	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427530	5405423	0.13512	365.65	365.65	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427530	5405223	0.1303	369	369	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427530	5405023	0.12712	368	368	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427530	5404823	0.12337	366	366	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427530	5404623	0.11881	364.04	364.04	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427530	5404423	0.11369	364	364	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427530	5404223	0.10824	364	364	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427530	5404023	0.10251	365	365	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427330	5406823	0.22972	361	361	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427330	5406623	0.19925	364.96	364.96	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427330	5406423	0.16767	376.75	378	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427330	5406223	0.15328	380.38	380.38	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427330	5406023	0.15288	374.15	374.15	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427330	5405823	0.1512	369.44	369.44	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427330	5405623	0.14932	362	362	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427330	5405423	0.14273	367	367	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427330	5405223	0.13678	370	370	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427330	5405023	0.13096	370	370	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427330	5404823	0.12481	368.53	368.53	0	MONTH	EMRSS	1ST	12/31/1997 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	427330	5404623	0.11828	367	367	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427330	5404423	0.11161	365.96	365.96	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427330	5404223	0.10541	364	364	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427330	5404023	0.09903	364.2	364.2	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427130	5406823	0.21215	366	366	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427130	5406623	0.19892	362.99	362.99	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427130	5406423	0.18169	368.17	383	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427130	5406223	0.17208	370.56	383	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427130	5406023	0.16689	369	369	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427130	5405823	0.16121	367	367	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427130	5405623	0.15496	362.76	362.76	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427130	5405423	0.14673	366	366	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427130	5405223	0.13791	369	369	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427130	5405023	0.12917	370	370	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427130	5404823	0.1212	369	369	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427130	5404623	0.11362	368	368	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427130	5404423	0.1066	367	367	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427130	5404223	0.10026	366	366	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	427130	5404023	0.09461	365	365	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426930	5406823	0.20794	372	372	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426930	5406623	0.19966	370	370	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426930	5406423	0.19287	366.8	366.8	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426930	5406223	0.18475	364.35	364.35	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426930	5406023	0.17564	362.45	362.45	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426930	5405823	0.16573	362.28	362.28	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426930	5405623	0.15525	364	364	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426930	5405423	0.14446	366.06	366.06	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426930	5405223	0.13378	368	368	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426930	5405023	0.12396	369	369	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426930	5404823	0.11544	369	369	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426930	5404623	0.10781	369	369	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426930	5404423	0.10159	368	368	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426930	5404223	0.09609	367	367	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426930	5404023	0.09117	366	366	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426730	5406823	0.21196	378.14	378.14	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426730	5406623	0.2036	376	376	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426730	5406423	0.19532	372.07	372.07	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426730	5406223	0.18426	369.83	369.83	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426730	5406023	0.17229	368.43	368.43	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426730	5405823	0.16064	367	367	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426730	5405623	0.14945	366	366	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426730	5405423	0.13856	366.11	366.11	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426730	5405223	0.12762	368	368	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426730	5405023	0.11834	369	369	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426730	5404823	0.11017	370	370	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426730	5404623	0.10356	370	370	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426730	5404423	0.09773	370	370	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426730	5404223	0.09285	369	369	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426730	5404023	0.08831	367.9	367.9	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426530	5406823	0.21377	379.77	379.77	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426530	5406623	0.19893	379	379	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426530	5406423	0.18828	375	375	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426530	5406223	0.17408	374	374	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426530	5406023	0.16384	370	370	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426530	5405823	0.15341	367.06	367.06	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426530	5405623	0.14374	364.43	364.43	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426530	5405423	0.13426	363.02	367	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426530	5405223	0.12342	366	366	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426530	5405023	0.11447	368	368	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426530	5404823	0.10701	369	369	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426530	5404623	0.10033	370	370	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	426530	5404423	0.09455	370	370	0	MONTH	EMRSS	1ST	12/31/1997 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	426530	5404223	0.08915	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426530	5404023	0.08424	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426330	5406823	0.2082	378.56	378.56	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426330	5406623	0.18743	380	380	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426330	5406423	0.17246	379.16	379.16	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426330	5406223	0.15567	381	381	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426330	5406023	0.1485	376.97	376.97	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426330	5405823	0.14438	368.97	368.97	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426330	5405623	0.13612	365.1	365.1	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426330	5405423	0.12697	363.9	363.9	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426330	5405223	0.11688	367	367	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426330	5405023	0.10811	369.59	369.59	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426330	5404823	0.10088	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426330	5404623	0.0943	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426330	5404423	0.08814	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426330	5404223	0.08291	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	426330	5404023	0.07972	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	426130	5406823	0.1996	376	376	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426130	5406623	0.17704	379	379	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426130	5406423	0.15407	384.35	384.35	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426130	5406223	0.13339	389.82	389.82	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426130	5406023	0.126	388.21	388.21	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426130	5405823	0.13012	375.83	375.83	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426130	5405623	0.12484	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426130	5405423	0.11869	362.56	362.56	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426130	5405223	0.10917	365.07	365.07	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	426130	5405023	0.10293	369	369	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	426130	5404823	0.09815	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	426130	5404623	0.09454	369	369	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	426130	5404423	0.09055	369.61	369.61	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	426130	5404223	0.08695	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	426130	5404023	0.08379	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425930	5406823	0.18306	376.11	376.11	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425930	5406623	0.15967	380.74	380.74	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425930	5406423	0.13437	388.32	388.32	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	425930	5406223	0.12092	390	390	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425930	5406023	0.11632	389.54	389.54	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425930	5405823	0.12409	378.08	378.08	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425930	5405623	0.12355	371	371	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425930	5405423	0.12035	366.45	366.45	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425930	5405223	0.11718	362	362	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425930	5405023	0.10963	367.04	367.04	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425930	5404823	0.10371	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425930	5404623	0.10001	369	369	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425930	5404423	0.09578	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425930	5404223	0.09189	371	371	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425930	5404023	0.08864	371	371	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425730	5406823	0.17612	375.55	375.55	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425730	5406623	0.15892	381	381	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425730	5406423	0.14503	384.88	384.88	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425730	5406223	0.13763	384.99	384.99	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425730	5406023	0.13538	381.24	381.24	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425730	5405823	0.13334	376.6	376.6	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425730	5405623	0.13043	371.97	371.97	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425730	5405423	0.12701	367.58	367.58	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425730	5405223	0.12425	362.13	362.13	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425730	5405023	0.11768	364	364	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425730	5404823	0.11124	367	367	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425730	5404623	0.10666	367	367	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425730	5404423	0.10126	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425730	5404223	0.09698	371	371	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425730	5404023	0.09369	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	425530	5406823	0.19546	370.69	370.69	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425530	5406623	0.173	378.99	378.99	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425530	5406423	0.15942	382	382	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425530	5406223	0.15253	380.76	380.76	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425530	5406023	0.14756	378.05	378.05	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425530	5405823	0.14323	374.49	374.49	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425530	5405623	0.13932	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425530	5405423	0.13487	366.22	366.22	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425530	5405223	0.13072	362.59	362.59	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425530	5405023	0.12435	363	363	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425530	5404823	0.11757	365	365	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425530	5404623	0.1108	368.32	368.32	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425530	5404423	0.10486	371	371	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425530	5404223	0.10051	371	371	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425530	5404023	0.09685	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425330	5406823	0.20987	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425330	5406623	0.18719	377.09	377.09	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425330	5406423	0.17083	381	381	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425330	5406223	0.16154	380.64	380.64	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425330	5406023	0.15852	375.01	375.01	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425330	5405823	0.15416	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425330	5405623	0.14803	367.24	367.24	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425330	5405423	0.14194	365	365	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425330	5405223	0.13669	362.47	362.47	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425330	5405023	0.12939	363.14	363.14	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425330	5404823	0.12122	366	366	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425330	5404623	0.11386	369	369	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425330	5404423	0.10817	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425330	5404223	0.1029	371	371	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425330	5404023	0.09908	369.76	369.76	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425130	5406823	0.22624	370.57	370.57	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425130	5406623	0.20485	374.5	374.5	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425130	5406423	0.18726	377.46	377.46	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425130	5406223	0.17515	377.73	377.73	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425130	5406023	0.16786	374.9	374.9	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425130	5405823	0.1619	371	371	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425130	5405623	0.15493	368.47	368.47	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425130	5405423	0.14932	365	365	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425130	5405223	0.14378	362.21	362.21	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425130	5405023	0.13612	362.28	362.28	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425130	5404823	0.12703	364.87	364.87	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425130	5404623	0.11928	367	367	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425130	5404423	0.11237	369	369	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425130	5404223	0.1066	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425130	5404023	0.10272	368.19	368.19	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424930	5406823	0.25414	370.72	370.72	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424930	5406623	0.23409	371.3	371.3	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424930	5406423	0.21554	372.48	372.48	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424930	5406223	0.20128	372	372	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424930	5406023	0.18832	371.65	371.65	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424930	5405823	0.17805	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424930	5405623	0.16899	368	368	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424930	5405423	0.16171	364.87	364.87	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424930	5405223	0.15619	361	361	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424930	5405023	0.14633	362	362	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424930	5404823	0.13745	363	363	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424930	5404623	0.12938	364.04	364.04	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424930	5404423	0.12077	367	367	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424930	5404223	0.11301	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424930	5404023	0.10846	368.43	368.43	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424730	5406823	0.29924	367.06	367.06	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424730	5406623	0.27441	368	368	0 MONTH	EMRSS	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	424730	5406423	0.25237	369	369	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424730	5406223	0.2328	370	370	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424730	5406023	0.21641	370	370	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424730	5405823	0.20072	371	371	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424730	5405623	0.18938	369	369	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424730	5405423	0.18225	362.83	362.83	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424730	5405223	0.1718	361.94	361.94	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424730	5405023	0.15923	365.18	365.18	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424730	5404823	0.15076	364.16	364.16	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424730	5404623	0.1438	362	362	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424730	5404423	0.13536	363	363	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424730	5404223	0.12705	365.05	365.05	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424730	5404023	0.12154	363.31	363.31	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424530	5406823	0.33537	366	366	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424530	5406623	0.30682	369	369	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424530	5406423	0.28314	370	370	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424530	5406223	0.26231	370.58	370.58	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424530	5406023	0.2454	369	369	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424530	5405823	0.22808	370	370	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424530	5405623	0.2138	369	369	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424530	5405423	0.20359	362	362	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424530	5405223	0.19017	363.99	363.99	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424530	5405023	0.17584	370	370	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424530	5404823	0.16652	368	368	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424530	5404623	0.15867	364	364	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424530	5404423	0.15108	361	361	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424530	5404223	0.14297	361	361	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424530	5404023	0.13483	362.65	362.65	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424330	5406823	0.35035	366	366	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424330	5406623	0.32305	369	369	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424330	5406423	0.2968	373.3	373.3	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424330	5406223	0.27559	375.04	375.04	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424330	5406023	0.26231	370.43	370.43	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424330	5405823	0.24767	367	367	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424330	5405623	0.23302	364.98	364.98	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424330	5405423	0.21938	362	362	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424330	5405223	0.20647	361.43	361.43	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424330	5405023	0.19281	370	370	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424330	5404823	0.18313	365.68	365.68	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424330	5404623	0.17329	364	364	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424330	5404423	0.16425	361	361	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424330	5404223	0.15562	361	361	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424330	5404023	0.14727	364.03	364.03	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424130	5406823	0.34519	366	366	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424130	5406623	0.31927	368.78	368.78	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424130	5406423	0.29912	369	369	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424130	5406223	0.26766	379.95	379.95	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424130	5406023	0.2614	373.17	373.17	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424130	5405823	0.24938	370	370	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424130	5405623	0.23772	365.04	365.04	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424130	5405423	0.22514	361	361	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424130	5405223	0.21284	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424130	5405023	0.20154	360.37	360.37	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424130	5404823	0.19098	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424130	5404623	0.18135	361	361	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424130	5404423	0.17212	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424130	5404223	0.1638	361	361	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	424130	5404023	0.15588	361	361	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423930	5406823	0.3324	367	367	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423930	5406623	0.3127	365	365	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423930	5406423	0.28924	368	368	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423930	5406223	0.27093	369	369	0	MONTH	EMRSS	1ST	12/31/2000 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	423930	5406023	0.25703	367.58	367.58	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423930	5405823	0.2421	369	369	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423930	5405623	0.23217	364.92	364.92	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423930	5405423	0.22225	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423930	5405223	0.21103	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423930	5405023	0.20056	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423930	5404823	0.19086	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423930	5404623	0.18185	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423930	5404423	0.17351	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423930	5404223	0.16577	361	361	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423930	5404023	0.15836	360.25	360.25	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423730	5406823	0.32455	366.62	366.62	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423730	5406623	0.30711	363.02	363.02	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423730	5406423	0.28346	366	366	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423730	5406223	0.26649	365.16	365.16	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423730	5406023	0.25266	363	363	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423730	5405823	0.23764	363.58	363.58	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423730	5405623	0.22277	366	366	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423730	5405423	0.21428	362.01	362.01	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423730	5405223	0.20529	359.54	359.54	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423730	5405023	0.19501	358	358	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423730	5404823	0.18593	358	358	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423730	5404623	0.17787	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423730	5404423	0.1701	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423730	5404223	0.16288	359.01	359.01	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423730	5404023	0.15614	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423530	5406823	0.31709	362	362	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423530	5406623	0.30019	361	361	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423530	5406423	0.28084	363	363	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423530	5406223	0.26476	362	362	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423530	5406023	0.25087	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423530	5405823	0.2362	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423530	5405623	0.21986	363	363	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423530	5405423	0.20867	362	362	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423530	5405223	0.19956	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423530	5405023	0.18991	358.61	358.61	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423530	5404823	0.18062	358	358	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423530	5404623	0.17236	358	358	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423530	5404423	0.16481	358	358	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423530	5404223	0.15788	358	358	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423530	5404023	0.15172	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423330	5406823	0.29414	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423330	5406623	0.28289	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423330	5406423	0.27078	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423330	5406223	0.258	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423330	5406023	0.24525	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423330	5405823	0.23125	361	361	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423330	5405623	0.2179	362	362	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423330	5405423	0.20755	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423330	5405223	0.19697	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423330	5405023	0.18645	358	358	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423330	5404823	0.1768	357	357	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423330	5404623	0.1683	357	357	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423330	5404423	0.16083	358	358	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423330	5404223	0.15374	358	358	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423330	5404023	0.14748	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423130	5406823	0.2624	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423130	5406623	0.25565	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423130	5406423	0.24884	360.01	360.01	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423130	5406223	0.24086	361	361	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423130	5406023	0.23291	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	423130	5405823	0.22386	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	423130	5405623	0.21411	359	359	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423130	5405423	0.20417	359	359	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423130	5405223	0.19427	358.92	358.92	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423130	5405023	0.1844	358	358	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423130	5404823	0.17497	357	357	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423130	5404623	0.16632	356.6	356.6	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423130	5404423	0.15851	357	357	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423130	5404223	0.15118	357	357	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423130	5404023	0.14467	358	358	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422930	5406823	0.23611	358.91	358.91	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422930	5406623	0.2284	359	359	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422930	5406423	0.22283	359	359	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422930	5406223	0.21771	359.95	359.95	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422930	5406023	0.21267	357	357	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422930	5405823	0.20759	356.99	356.99	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422930	5405623	0.20151	356.48	356.48	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422930	5405423	0.19514	357	357	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422930	5405223	0.18824	357.84	357.84	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422930	5405023	0.18033	357	357	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422930	5404823	0.17257	357	357	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422930	5404623	0.16454	356	356	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422930	5404423	0.15706	356	356	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422930	5404223	0.1499	356	356	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422930	5404023	0.14339	357	357	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422730	5406023	0.19112	359	359	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422730	5405823	0.1876	360	360	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422730	5405623	0.18476	358	358	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422730	5405423	0.18062	356	356	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422730	5405223	0.17699	357	357	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422730	5405023	0.17256	358	358	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422730	5404823	0.16685	357	357	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422730	5404623	0.16071	356	356	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422730	5404423	0.1543	355	355	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422730	5404223	0.14815	355.15	355.15	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422730	5404023	0.14242	356.86	356.86	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422530	5406023	0.17178	360	360	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422530	5405823	0.16772	360	360	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422530	5405623	0.16583	359	359	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422530	5405423	0.1627	355.46	355.46	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422530	5405223	0.16171	358	358	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422530	5405023	0.15978	359	359	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422530	5404823	0.15647	357	357	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422530	5404623	0.15249	355	355	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422530	5404423	0.14853	355	355	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422530	5404223	0.14436	356	356	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422530	5404023	0.1398	357	357	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422330	5406423	0.18502	358	358	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422330	5406223	0.17308	359	359	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422330	5406023	0.16299	359	359	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422330	5405823	0.1555	359	359	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422330	5405623	0.15013	358	358	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422330	5405423	0.14639	356	356	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422330	5405223	0.14432	355.29	355.29	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422330	5405023	0.14369	360	360	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422330	5404823	0.14259	357.44	357.44	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422330	5404623	0.14029	354	354	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422330	5404423	0.13878	355	355	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422330	5404223	0.13667	356	356	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422330	5404023	0.13397	357	357	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422130	5406423	0.18451	359.61	359.61	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422130	5406223	0.17199	360	360	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422130	5406023	0.16026	359.9	359.9	0 MONTH	EMRSS	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	422130	5405823	0.14975	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	422130	5405623	0.14203	358	358	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	422130	5405423	0.13548	356	356	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	422130	5405223	0.13094	354	354	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	422130	5405023	0.12889	355	355	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	422130	5404823	0.12767	355.29	355.29	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	422130	5404623	0.12652	353.68	353.68	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	422130	5404423	0.12602	354	354	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	422130	5404223	0.1255	355	355	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	422130	5404023	0.12457	356	356	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421930	5405223	0.12413	354	354	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421930	5405023	0.11906	353	353	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421930	5404823	0.116	353.17	353.17	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421930	5404623	0.11417	353	353	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421930	5404423	0.11331	353.07	353.07	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421930	5404223	0.11328	354.71	354.71	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421930	5404023	0.11329	356	356	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421730	5404823	0.10985	352	352	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421730	5404623	0.10596	352	352	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421730	5404423	0.1039	354	354	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421730	5404223	0.10286	355.94	355.94	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421730	5404023	0.10225	356	356	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421530	5404823	0.10858	351	351	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421530	5404623	0.10296	352	352	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421530	5404423	0.09934	356.94	356.94	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421530	5404223	0.09629	358.73	358.73	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421530	5404023	0.09411	358	358	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421330	5404823	0.11016	351	351	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421330	5404623	0.10406	353.8	353.8	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421330	5404423	0.09834	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421330	5404223	0.09311	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421330	5404023	0.08913	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421130	5404823	0.11126	350	350	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421130	5404623	0.10579	353	353	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421130	5404423	0.10019	357	357	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421130	5404223	0.0944	359.03	359.03	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	421130	5404023	0.08853	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	420930	5405223	0.11766	351	351	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	420930	5405023	0.11453	350	350	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	420930	5404823	0.11065	350	350	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	420930	5404623	0.10616	351.04	351.04	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	420930	5404423	0.1014	353.96	353.96	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	420930	5404223	0.09597	356	356	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	420930	5404023	0.09051	358	358	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	420730	5405223	0.12035	354	354	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420730	5405023	0.11132	352	352	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420730	5404823	0.10753	350	350	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	420730	5404623	0.10454	350	350	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	420730	5404423	0.10135	352.66	352.66	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	420730	5404223	0.09737	356	356	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	420730	5404023	0.09251	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	420530	5405623	0.12471	356	356	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420530	5405423	0.12448	359	359	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420530	5405223	0.1208	356.61	356.61	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420530	5405023	0.11422	352	352	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420530	5404823	0.10658	350	350	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420530	5404623	0.10069	349	349	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	420530	5404423	0.09873	350	350	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	420530	5404223	0.09676	355	355	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	420530	5404023	0.09347	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	420330	5405623	0.11548	355.24	355.24	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420330	5405423	0.11698	359.97	359.97	0	MONTH	EMRSS	1ST	1/31/1999 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	420330	5405223	0.11662	358	358	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420330	5405023	0.11331	353.11	353.11	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420330	5404823	0.10834	350	350	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420330	5404623	0.10222	349	349	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420330	5404423	0.09537	350.05	350.05	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420330	5404223	0.09422	354.68	354.68	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	420330	5404023	0.09243	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	420130	5406823	0.12484	346	346	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420130	5406623	0.12069	347	347	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420130	5406423	0.11623	349	349	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420130	5406223	0.11116	350	350	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420130	5405623	0.10727	357.36	357.36	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420130	5405423	0.10828	358	358	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420130	5405223	0.10876	355.32	355.32	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420130	5405023	0.10816	352	352	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420130	5404823	0.10609	349.1	349.1	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420130	5404623	0.10301	349	349	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420130	5404423	0.09823	349	349	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420130	5404223	0.09275	351.8	351.8	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	420130	5404023	0.08899	355	355	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	422930	5407823	0.3197	364.52	367	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	422930	5408023	0.34302	358	358	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	422930	5408223	0.36376	356.42	356.42	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422930	5408423	0.39792	354.99	354.99	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422730	5407023	0.23664	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	422730	5407223	0.24994	363	363	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	422730	5407423	0.2658	366.78	366.78	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	422730	5407623	0.28997	360.44	360.44	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	422730	5407823	0.30251	358.92	358.92	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	422730	5408023	0.32798	357	357	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422730	5408223	0.35321	356	356	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422730	5408423	0.3701	354	354	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422530	5407023	0.2317	358	358	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	422530	5407223	0.24787	359.17	359.17	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	422530	5407423	0.2572	363.71	363.71	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	422530	5407623	0.27207	360	360	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422530	5407823	0.29706	358	358	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422530	5408023	0.31504	357	357	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422530	5408223	0.32759	355.64	355.64	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422530	5408423	0.34068	354.8	354.8	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422330	5407023	0.2241	357.42	357.42	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	422330	5407223	0.23386	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	422330	5407423	0.25005	361	361	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422330	5407623	0.26971	359	359	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422330	5407823	0.28232	358	358	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422330	5408023	0.29029	356	356	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422330	5408223	0.29874	354	354	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422330	5408423	0.31183	352.76	352.76	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422330	5414423	0.23172	380.97	380.97	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
MINE	422330	5414623	0.20363	382	382	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
MINE	422330	5414823	0.18069	383	383	0	MONTH	EMRSS	1ST	12/31/1996 24 hr
MINE	422330	5415023	0.17036	387	387	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
MINE	422130	5407023	0.21016	357	357	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422130	5407223	0.23059	358.98	358.98	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422130	5407423	0.2446	360	360	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422130	5407623	0.25416	359	359	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422130	5407823	0.26043	358	358	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422130	5408023	0.26722	356	356	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422130	5408223	0.27752	354	354	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422130	5408423	0.29063	352	352	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	422130	5414423	0.22341	388.19	388.19	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
MINE	422130	5414623	0.21914	380	380	0	MONTH	EMRSS	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	422130	5414823	0.19573	380	380	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	422130	5415023	0.16504	385.88	385.88	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	421930	5407023	0.2109	356.18	356.18	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421930	5407223	0.22283	358.81	358.81	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421930	5407423	0.22863	360	360	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421930	5407623	0.23323	360	360	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421930	5407823	0.24029	358	358	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421930	5408023	0.24929	356	356	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421930	5408223	0.25987	353.02	353.02	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421930	5408423	0.27194	351	351	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421930	5414423	0.21857	385.74	385.74	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	421930	5414623	0.22323	379	379	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	421930	5414823	0.20605	380	380	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	421930	5415023	0.18195	382.79	382.79	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	421730	5407023	0.20255	357.06	357.06	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421730	5407223	0.20711	360	360	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421730	5407423	0.21026	360	360	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421730	5407623	0.21575	360	360	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421730	5407823	0.22474	357.39	357.39	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421730	5408023	0.23439	354.66	354.66	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421730	5408223	0.24527	353	353	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421730	5408423	0.25589	351	351	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421730	5414423	0.19994	382.01	382.01	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	421730	5414623	0.21057	379.16	379.16	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	421730	5414823	0.20753	378.8	378.8	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	421730	5415023	0.19281	381	381	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	421530	5407023	0.18801	357	357	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421530	5407223	0.19086	359.79	359.79	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421530	5407423	0.19514	360	360	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421530	5407623	0.20314	360	360	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421530	5407823	0.21267	356.51	356.51	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421530	5408023	0.22096	352.98	352.98	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421530	5408223	0.22961	350.7	350.7	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421530	5408423	0.23949	349	349	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421530	5414423	0.17039	388.41	388.41	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	421530	5414623	0.18505	380	380	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	421530	5414823	0.19506	377.68	377.68	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	421530	5415023	0.19175	380	380	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	421330	5407023	0.1725	354.93	354.93	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421330	5407223	0.17694	356	356	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421330	5407423	0.18381	356	356	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421330	5407623	0.19226	355.08	355.08	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421330	5407823	0.20034	353	353	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421330	5408023	0.20718	350	350	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421330	5408223	0.21517	348.2	348.2	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421330	5408423	0.22515	347	347	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421330	5408623	0.25942	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	421330	5414423	0.17825	382.81	382.81	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	421330	5414623	0.16888	379.05	379.05	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	421330	5414823	0.17257	377	377	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	421330	5415023	0.17742	380	380	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	421130	5407823	0.18793	349	349	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421130	5408023	0.19556	348.68	348.68	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421130	5408223	0.20352	347	347	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	421130	5408423	0.226	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	421130	5408623	0.25848	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	421130	5414423	0.18411	377	377	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	421130	5414623	0.17188	376	376	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	421130	5414823	0.15573	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	421130	5415023	0.15635	379	379	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	420930	5407823	0.1778	347.66	347.66	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	420930	5408023	0.1848	346.67	346.67	0 MONTH	EMRSS	1ST		1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	420930	5408223	0.19749	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420930	5408423	0.22816	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420930	5408623	0.25283	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420930	5414423	0.1843	375	375	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420930	5414623	0.16986	376.68	376.68	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420930	5414823	0.15342	381.83	381.83	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420930	5415023	0.14239	383	383	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420730	5407823	0.16852	346	346	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	420730	5408023	0.17569	345	345	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	420730	5408223	0.20132	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420730	5408423	0.22656	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420730	5408623	0.24448	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420730	5413623	0.19353	378.28	378.28	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420730	5413823	0.19421	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420730	5414023	0.19107	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420730	5414223	0.18821	377.28	377.28	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420730	5414423	0.1811	375.08	375.08	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420730	5414623	0.16484	379.56	379.56	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420730	5414823	0.14924	384	384	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420730	5415023	0.1405	383.98	383.98	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420530	5408023	0.17782	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420530	5408223	0.20245	342.9	342.9	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420530	5408423	0.22223	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420530	5408623	0.23634	345.49	345.49	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420530	5408823	0.24367	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420530	5409023	0.24601	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420530	5409223	0.2495	350.3	350.3	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420530	5409423	0.25961	353.94	353.94	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420530	5413623	0.17301	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420530	5413823	0.18043	380.11	380.11	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420530	5414023	0.18225	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420530	5414223	0.1772	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420530	5414423	0.17583	375.64	375.64	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420530	5414623	0.16199	380.11	380.11	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420530	5414823	0.14993	382	382	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420530	5415023	0.14232	380.3	380.3	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420330	5408823	0.2281	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420330	5409023	0.22987	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420330	5409223	0.23465	351	351	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420330	5409423	0.24459	354	354	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420330	5413623	0.15429	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420330	5413823	0.16543	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420330	5414023	0.1699	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420330	5414223	0.16931	379.52	379.52	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420330	5414423	0.17151	373.32	373.32	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420330	5414623	0.16045	378.31	378.31	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420330	5414823	0.15041	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420330	5415023	0.14134	379.88	379.88	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420130	5407023	0.12866	346	346	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	420130	5408823	0.21368	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420130	5409023	0.21552	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420130	5409223	0.22006	350.06	350.06	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420130	5409423	0.23039	353	353	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420130	5413623	0.1369	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420130	5413823	0.14928	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420130	5414023	0.15761	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420130	5414223	0.16063	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420130	5414423	0.16318	374.12	374.12	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420130	5414623	0.15981	373	373	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420130	5414823	0.15209	374.98	374.98	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420130	5415023	0.14407	375	375	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	420130	5415523	0.12126	379	379	0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	420130	5416023	0.10429	382	382	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	420130	5416523	0.12053	379.22	379.22	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	420130	5417023	0.11279	381.82	381.82	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	420630	5415523	0.12697	380	380	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	420630	5416023	0.13729	385	385	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	420630	5416523	0.10829	401.03	401.03	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	420630	5417023	0.08617	398.57	398.57	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	421130	5415523	0.15496	390	390	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	421130	5416023	0.12565	394.24	394.24	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	421130	5416523	0.09893	398	398	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
MINE	421130	5417023	0.09337	396.4	396.4	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
MINE	421630	5415523	0.15124	383	383	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	421630	5416023	0.12317	389.02	389.02	0 MONTH	EMRSS	1ST		12/31/1996 24 hr
MINE	421630	5416523	0.10515	400	400	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
MINE	421630	5417023	0.09721	396.05	396.05	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
MINE	422130	5415523	0.14938	387.26	387.26	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
MINE	422130	5416023	0.1321	390	390	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
MINE	422130	5416523	0.11507	395.11	395.11	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
MINE	422130	5417023	0.11776	399.02	399.02	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	422630	5415523	0.14992	396.51	396.51	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
MINE	422630	5416023	0.16449	393.38	393.38	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	422630	5416523	0.12565	410	410	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	422630	5417023	0.12348	406.54	406.54	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	423130	5415523	0.19782	397.95	397.95	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	423130	5416023	0.17197	399	399	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	423130	5416523	0.14677	400	400	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	423130	5417023	0.10977	410	410	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	423630	5415523	0.18361	399.47	399.47	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	423630	5416023	0.1704	393.25	393.25	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	423630	5416523	0.14914	393	393	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
MINE	423630	5417023	0.13729	387	387	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
MINE	424130	5415523	0.18162	401	401	0 MONTH	EMRSS	1ST		8/31/1996 24 hr
MINE	424130	5416023	0.17547	390.35	390.35	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	424130	5416523	0.17278	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	424130	5417023	0.16062	375.19	375.19	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	424630	5415523	0.26095	384.17	384.17	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	424630	5416023	0.23197	382.4	382.4	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	424630	5416523	0.21707	374	374	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	424630	5417023	0.18952	376.51	376.51	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	425130	5415523	0.33462	377	377	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	425130	5416023	0.28324	379.13	379.13	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	425130	5416523	0.24868	378	378	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	425130	5417023	0.22251	375	375	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	425630	5415523	0.29903	377	377	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	425630	5416023	0.27108	377	377	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	425630	5416523	0.24651	376.72	376.72	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	425630	5417023	0.22103	378.99	378.99	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	426130	5415523	0.2101	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	426130	5416023	0.19101	378	378	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	426130	5416523	0.17242	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	426130	5417023	0.16148	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	426630	5415523	0.21557	389	389	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	426630	5416023	0.17734	382	382	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	426630	5416523	0.15144	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	426630	5417023	0.13629	378	378	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	427130	5415523	0.24903	386	386	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	427130	5416023	0.2143	385.29	385.29	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	427130	5416523	0.18612	380	380	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	427130	5417023	0.15216	380	380	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	427630	5415523	0.25575	380	380	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	427630	5416023	0.22555	380	380	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	427630	5416523	0.19723	381	381	0 MONTH	EMRSS	1ST		2/29/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	427630	5417023	0.17427	380	380	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
MINE	428130	5415523	0.23297	380	380	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
MINE	428130	5416023	0.21839	377	377	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
MINE	428130	5416523	0.19843	376	376	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
MINE	428130	5417023	0.17672	377	377	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
MINE	428630	5415523	0.20086	376	376	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
MINE	428630	5416023	0.19864	375	375	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
MINE	428630	5416523	0.18578	375	375	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
MINE	428630	5417023	0.16768	379	379	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
MINE	429130	5416023	0.16536	373	373	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
MINE	429130	5416523	0.16807	373	373	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
MINE	429130	5417023	0.15869	374	374	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
MINE	429630	5416023	0.1197	377.96	377.96	0	MONTH	EMRSS	1ST	1/31/1996 24 hr
MINE	429630	5416523	0.13705	372	372	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
MINE	429630	5417023	0.14342	372	372	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
MINE	430130	5416023	0.10549	388.36	400	0	MONTH	EMRSS	1ST	1/31/1996 24 hr
MINE	430130	5416523	0.10336	378	411	0	MONTH	EMRSS	1ST	1/31/1996 24 hr
MINE	430130	5417023	0.11455	373.81	373.81	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
MINE	430630	5416023	0.09241	375	375	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	430630	5416523	0.0946	385.95	411	0	MONTH	EMRSS	1ST	1/31/1996 24 hr
MINE	430630	5417023	0.08335	391.87	391.87	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	431130	5416023	0.07639	378	378	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	431130	5416523	0.07201	392	392	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	431130	5417023	0.08376	387.63	402	0	MONTH	EMRSS	1ST	1/31/1996 24 hr
MINE	431630	5415523	0.08274	379.96	379.96	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
MINE	431630	5416023	0.06692	389.07	389.07	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
MINE	431630	5416523	0.06826	376.44	376.44	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	431630	5417023	0.06411	392.08	392.08	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	432130	5415523	0.07684	381	381	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
MINE	432130	5416023	0.07141	380	380	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
MINE	432130	5416523	0.05623	393.08	393.08	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
MINE	432130	5417023	0.06171	373	400	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	432630	5415523	0.06455	407.92	409	0	MONTH	EMRSS	1ST	12/31/1998 24 hr
MINE	432630	5416023	0.06558	389.44	421	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
MINE	432630	5416523	0.06253	377	377	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
MINE	432630	5417023	0.05364	381.97	381.97	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	433130	5415523	0.0625	408.19	408.19	0	MONTH	EMRSS	1ST	12/31/1998 24 hr
MINE	433130	5416023	0.05175	420.05	431	0	MONTH	EMRSS	1ST	12/31/1998 24 hr
MINE	433130	5416523	0.05875	388.33	440	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
MINE	433130	5417023	0.05512	373	373	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
MINE	431630	5415023	0.08506	376	376	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
MINE	431630	5414523	0.10046	379	379	0	MONTH	EMRSS	1ST	12/31/1998 24 hr
MINE	431630	5414023	0.10928	378.4	378.4	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
MINE	431630	5413523	0.12823	378	378	0	MONTH	EMRSS	1ST	12/31/1998 24 hr
MINE	431630	5413023	0.14365	375	375	0	MONTH	EMRSS	1ST	12/31/1998 24 hr
MINE	431630	5412023	0.1401	382	382	0	MONTH	EMRSS	1ST	12/31/1998 24 hr
MINE	431630	5411523	0.12823	382	382	0	MONTH	EMRSS	1ST	12/31/1998 24 hr
MINE	431630	5411023	0.14684	380	380	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	431630	5410023	0.13368	383.9	383.9	0	MONTH	EMRSS	1ST	12/31/1998 24 hr
MINE	431630	5409523	0.12064	381	381	0	MONTH	EMRSS	1ST	12/31/1998 24 hr
MINE	431630	5409023	0.14594	366.01	366.01	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
MINE	431630	5408523	0.13499	361	361	0	MONTH	EMRSS	1ST	1/31/1996 24 hr
MINE	431630	5408023	0.10288	363	363	0	MONTH	EMRSS	1ST	1/31/1996 24 hr
MINE	431630	5407523	0.09686	369	369	0	MONTH	EMRSS	1ST	2/28/1997 24 hr
MINE	431630	5407023	0.09466	378.31	378.31	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
MINE	431630	5406523	0.08813	377	377	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
MINE	431630	5406023	0.08204	372.49	372.49	0	MONTH	EMRSS	1ST	10/31/1999 24 hr
MINE	431630	5405523	0.07953	367	367	0	MONTH	EMRSS	1ST	4/30/1996 24 hr
MINE	431630	5405023	0.07232	369	369	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	431630	5404523	0.07957	370.02	370.02	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	431630	5404023	0.07644	367	367	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	431630	5403523	0.06925	369.7	382	0	MONTH	EMRSS	1ST	12/31/1997 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON)
MINE	431630	5403023	0.07141	365	365	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	431630	5402523	0.07624	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	431630	5402023	0.07643	358.21	358.21	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	432130	5415023	0.08441	380	380	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	432130	5414523	0.09693	381	381	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	432130	5414023	0.10355	376.05	376.05	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	432130	5413523	0.12266	376.44	376.44	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	432130	5413023	0.12736	378	378	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	432130	5412523	0.1339	374	374	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	432130	5412023	0.12443	376.57	376.57	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	432130	5411523	0.11647	375.96	375.96	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	432130	5411023	0.13397	373.18	373.18	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	432130	5410523	0.12596	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	432130	5410023	0.1213	370.42	370.42	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	432130	5409523	0.11549	371.86	371.86	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	432130	5409023	0.13001	371	371	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	432130	5408523	0.12859	362	362	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	432130	5408023	0.09928	370	370	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	432130	5407523	0.08647	372	372	0 MONTH	EMRSS	1ST		2/28/1997 24 hr
MINE	432130	5407023	0.08337	376	376	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	432130	5406523	0.08414	373	373	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	432130	5406023	0.07729	369.31	369.31	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	432130	5405523	0.07207	369	369	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	432130	5405023	0.07033	375.42	375.42	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	432130	5404523	0.06396	376.61	376.61	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	432130	5404023	0.07163	375	377	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	432130	5403523	0.06828	366.89	366.89	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	432130	5403023	0.0621	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	432130	5402523	0.06513	359.64	359.64	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	432130	5402023	0.06538	373.53	373.53	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	432630	5415023	0.0739	401.58	401.58	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	432630	5414523	0.08591	388.61	398	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	432630	5414023	0.09943	378.54	378.54	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	432630	5413523	0.1126	379.82	379.82	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	432630	5413023	0.11435	380	380	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	432630	5412523	0.1195	378	378	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	432630	5412023	0.10821	380	380	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	432630	5411523	0.10378	378.87	378.87	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	432630	5411023	0.12041	379	379	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	432630	5410523	0.11483	375	375	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	432630	5410023	0.1073	372	372	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	432630	5409523	0.10682	374.92	374.92	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	432630	5409023	0.11373	368.66	368.66	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	432630	5408523	0.12018	369.05	369.05	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	432630	5408023	0.1002	370	370	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	432630	5407523	0.07863	370	370	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	432630	5407023	0.07861	372	372	0 MONTH	EMRSS	1ST		2/28/1997 24 hr
MINE	432630	5406523	0.07653	377.4	377.4	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	432630	5406023	0.07255	378	378	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	432630	5405523	0.06877	374.78	374.78	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	432630	5405023	0.06519	379.88	379.88	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	432630	5404523	0.06048	390	390	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	432630	5404023	0.05848	376.66	376.66	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	432630	5403523	0.06445	368.08	368.08	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	432630	5403023	0.06151	365.22	365.22	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	432630	5402523	0.05755	362.08	362.08	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	432630	5402023	0.05335	372	372	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	433130	5415023	0.07235	404.73	404.73	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	433130	5414523	0.08018	381.51	381.51	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	433130	5414023	0.09777	374.67	374.67	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	433130	5413523	0.10362	376.92	376.92	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	433130	5413023	0.105	380	380	0 MONTH	EMRSS	1ST		12/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	433130	5412523	0.10762	376.78	391	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	433130	5412023	0.09551	381.37	381.37	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	433130	5411523	0.09378	380	380	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	433130	5411023	0.10894	381.98	381.98	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	433130	5410523	0.10485	379	379	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	433130	5410023	0.09468	376.36	376.36	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	433130	5409523	0.09937	373.38	373.38	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	433130	5409023	0.09916	367	367	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	433130	5408523	0.10988	366	366	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	433130	5408023	0.09997	368	368	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	433130	5407523	0.07519	370	370	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	433130	5407023	0.07161	374.55	374.55	0 MONTH	EMRSS	1ST		2/28/1997 24 hr
MINE	433130	5406523	0.06756	380	380	0 MONTH	EMRSS	1ST		8/31/1998 24 hr
MINE	433130	5406023	0.06875	379	379	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	433130	5405523	0.06388	381.05	381.05	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	433130	5405023	0.06066	389	389	0 MONTH	EMRSS	1ST		10/31/1999 24 hr
MINE	433130	5404523	0.05864	387.03	387.03	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	433130	5404023	0.05525	380.92	380.92	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	433130	5403523	0.05452	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	433130	5403023	0.0588	369.97	369.97	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	433130	5402523	0.05558	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	433130	5402023	0.04691	381	381	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	431130	5403523	0.08138	367	367	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	431130	5403023	0.08667	360.84	360.84	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	431130	5402523	0.08634	365.9	365.9	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	431130	5402023	0.07757	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430630	5403523	0.09907	361	361	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430630	5403023	0.09528	364	364	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430630	5402523	0.08318	364.18	364.18	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430630	5402023	0.06907	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430130	5403523	0.10521	367	367	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430130	5403023	0.08709	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430130	5402523	0.06987	365.58	365.58	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430130	5402023	0.06067	360	360	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	429630	5403523	0.09024	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429630	5403023	0.07262	368.94	368.94	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	429630	5402523	0.06927	366	366	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	429630	5402023	0.05845	362	362	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	429130	5403523	0.08356	369	369	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	429130	5403023	0.07164	367	367	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	429130	5402523	0.06362	364	364	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429130	5402023	0.06226	364	364	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428630	5403523	0.07752	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428630	5403023	0.07567	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428630	5402523	0.07372	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428630	5402023	0.06984	366.82	366.82	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428130	5403523	0.09089	369	369	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428130	5403023	0.0842	370.46	370.46	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428130	5402523	0.07524	371	371	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428130	5402023	0.06582	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	427630	5403523	0.08993	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	427630	5403023	0.0764	371	371	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	427630	5402523	0.06458	375	375	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	427630	5402023	0.05698	375.58	375.58	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	427130	5403523	0.08091	368	368	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	427130	5403023	0.07073	372	372	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	427130	5402523	0.06368	375	375	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	427130	5402023	0.0579	378	378	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426630	5403523	0.07563	366	366	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426630	5403023	0.06407	377.23	377.23	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426630	5402523	0.05523	379	379	0 MONTH	EMRSS	1ST		8/31/1999 24 hr
MINE	426630	5402023	0.05196	376	376	0 MONTH	EMRSS	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	426130	5403523	0.07783	366.78	366.78	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	426130	5403023	0.06531	389.9	389.9	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	426130	5402523	0.06472	378.72	378.72	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	426130	5402023	0.06107	377	377	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425630	5403523	0.08732	368.19	368.19	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425630	5403023	0.07886	371	371	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425630	5402523	0.07032	378	378	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425630	5402023	0.06528	376	376	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425130	5403523	0.09204	368.04	368.04	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425130	5403023	0.08036	375	375	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425130	5402523	0.07234	377	377	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425130	5402023	0.06384	384.6	384.6	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424630	5403523	0.10999	369.33	369.33	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424630	5403023	0.09314	379.99	379.99	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424630	5402523	0.0833	380	380	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424630	5402023	0.07533	379	379	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424130	5403523	0.1384	365.91	365.91	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424130	5403023	0.12285	371	371	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424130	5402523	0.10744	381	381	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424130	5402023	0.09746	378.03	378.03	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423630	5403523	0.13917	363.92	363.92	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423630	5403023	0.12563	375	375	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423630	5402523	0.11446	379	379	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423630	5402023	0.10596	377	377	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423130	5403523	0.12546	369	369	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423130	5403023	0.11196	376	376	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423130	5402523	0.10239	380	380	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423130	5402023	0.09736	375	375	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422630	5403523	0.12404	371	371	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422630	5403023	0.10851	377	377	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422630	5402523	0.09882	373.78	373.78	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422630	5402023	0.09	374	374	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422130	5403523	0.12013	361	361	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422130	5403023	0.1117	371	371	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422130	5402523	0.10211	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422130	5402023	0.09234	371	371	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	421630	5403523	0.09733	358.11	358.11	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	421630	5403023	0.09677	366.93	366.93	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	421630	5402523	0.09535	361	361	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	421630	5402023	0.09144	367.71	367.71	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	421130	5403523	0.07943	360	360	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	421130	5403023	0.07685	359	359	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	421130	5402523	0.07701	359	359	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	421130	5402023	0.07737	363.14	363.14	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	420630	5403523	0.0807	359	359	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	420630	5403023	0.06992	357	357	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	420630	5402523	0.06385	357.89	357.89	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	420630	5402023	0.06099	361	361	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	420130	5403523	0.08301	354.46	354.46	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	420130	5403023	0.07381	354	354	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	420130	5402523	0.06436	358	358	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	420130	5402023	0.05628	360	360	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	419630	5403523	0.08032	353	353	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	419630	5403023	0.07393	354	354	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	419630	5402523	0.06796	354.37	354.37	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	419630	5402023	0.06017	356	356	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	419130	5403523	0.08213	360	360	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	419130	5403023	0.07525	358	358	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	419130	5402523	0.06602	358	358	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	419130	5402023	0.06232	357	357	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	418630	5403523	0.0699	348.98	348.98	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	418630	5403023	0.07275	356.06	356.06	0 MONTH	EMRSS	1ST		1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	418630	5402523	0.07126	370.29	380	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	418630	5402023	0.06094	359	359	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	418130	5403523	0.05832	347	347	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	418130	5403023	0.06223	360	360	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	418130	5402523	0.06514	358.42	358.42	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	418130	5402023	0.06311	352	352	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	419630	5404023	0.09079	352	352	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	419630	5404523	0.09265	350	350	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	419630	5405023	0.08955	349	349	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	419630	5405523	0.09207	354	354	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	419630	5406523	0.10949	349	349	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	419630	5407023	0.11639	347	347	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	419630	5408023	0.17249	342	342	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419630	5408523	0.18143	346.05	346.05	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419630	5409023	0.18572	348.11	348.11	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419630	5409523	0.20564	351.75	351.75	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419630	5410023	0.2073	356.29	356.29	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419630	5410523	0.18324	359	359	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419630	5411023	0.18908	357	357	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419630	5413523	0.10598	378.38	378.38	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419630	5414023	0.12808	370	370	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419630	5414523	0.14044	376.31	376.31	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419630	5415023	0.13379	378	378	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419630	5415523	0.11375	385.5	385.5	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419630	5416023	0.09684	390.01	390.01	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419630	5416523	0.0899	384.1	384.1	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419630	5417023	0.10442	376.55	376.55	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
MINE	419130	5404023	0.08139	357.06	357.06	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	419130	5404523	0.07754	353	353	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	419130	5405023	0.07795	347	347	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	419130	5405523	0.0867	352	352	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	419130	5406023	0.09394	349	349	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	419130	5406523	0.09891	348	348	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	419130	5407023	0.10925	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419130	5407523	0.14345	343.96	343.96	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419130	5408023	0.15415	341.37	341.37	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419130	5408523	0.15701	345.22	345.22	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419130	5409023	0.16352	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419130	5409523	0.17995	349	349	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419130	5410023	0.17382	350	350	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419130	5410523	0.15368	351	351	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419130	5411023	0.16106	355	355	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419130	5413523	0.10282	371.92	371.92	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	419130	5414023	0.0965	375.47	375.47	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419130	5414523	0.11562	379	379	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419130	5415023	0.11887	381	381	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419130	5415523	0.1137	380	380	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419130	5416023	0.09831	384.29	384.29	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419130	5416523	0.09003	378.15	378.15	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	419130	5417023	0.08211	370	370	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	418630	5404023	0.06674	348.76	351	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	418630	5404523	0.06751	345	345	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	418630	5405023	0.07405	343.8	343.8	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	418630	5405523	0.08199	351	351	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	418630	5406023	0.08444	343	343	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	418630	5406523	0.09031	342	342	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	418630	5407023	0.11639	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	418630	5407523	0.13445	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	418630	5408023	0.13572	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	418630	5408523	0.13759	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	418630	5409023	0.14618	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	418630	5409523	0.15773	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	418630	5410023	0.14898	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418630	5410523	0.13217	347.81	347.81	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418630	5411023	0.13732	349	349	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418630	5413523	0.10741	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	418630	5414023	0.08184	371.3	371.3	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418630	5414523	0.0923	372.94	372.94	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418630	5415023	0.10553	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418630	5415523	0.10422	379.86	379.86	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418630	5416023	0.1018	372.14	372.14	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418630	5416523	0.09177	368	368	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418630	5417023	0.08186	366	366	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418130	5404023	0.06023	353.54	353.54	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	418130	5404523	0.06652	358.24	358.24	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	418130	5405023	0.07235	354	354	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	418130	5405523	0.07472	347.1	347.1	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	418130	5406023	0.07805	343	343	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	418130	5406523	0.09306	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418130	5407023	0.11495	342	342	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418130	5407523	0.12045	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418130	5408023	0.12031	341	341	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418130	5408523	0.12247	343	343	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418130	5409023	0.1328	344	344	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418130	5409523	0.13951	345	345	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418130	5410023	0.12998	346	346	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418130	5410523	0.11577	347	347	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418130	5411023	0.11996	348	348	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418130	5413523	0.10421	366.22	366.22	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	418130	5414023	0.07985	369.28	369.28	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	418130	5414523	0.07341	373.9	373.9	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418130	5415023	0.08656	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418130	5415523	0.09476	380	380	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418130	5416023	0.09351	375.62	375.62	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418130	5416523	0.08978	368.04	368.04	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418130	5417023	0.08166	362	362	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418130	5417857	0.06818	360	360	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	418130	5418690	0.07174	358.51	358.51	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	418130	5419523	0.06997	366.26	366.26	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	419102	5417857	0.09267	368.86	368.86	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	419102	5418690	0.07831	362.1	362.1	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	419102	5419523	0.05846	364	364	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	420074	5417857	0.07634	389.4	389.4	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	420074	5418690	0.07143	377	377	0 MONTH	EMRSS	1ST		3/31/1999 24 hr
MINE	420074	5419523	0.06276	369	369	0 MONTH	EMRSS	1ST		3/31/1999 24 hr
MINE	421047	5417857	0.07947	396.65	396.65	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
MINE	421047	5418690	0.07573	384.78	384.78	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	421047	5419523	0.08868	373	373	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	422019	5417857	0.13007	383.01	383.01	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	422019	5418690	0.11604	380	380	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	422019	5419523	0.09996	370.69	370.69	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	422991	5417857	0.12483	382.48	382.48	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	422991	5418690	0.10288	379.67	379.67	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	422991	5419523	0.08807	371.96	371.96	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	423963	5417857	0.13189	371	371	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	423963	5418690	0.11538	369	369	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	423963	5419523	0.10191	368	368	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	424936	5417857	0.17013	377.15	377.15	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	424936	5418690	0.1413	379	379	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	424936	5419523	0.12176	377.38	377.38	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	425908	5417857	0.1711	379.54	379.54	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	425908	5418690	0.1571	372	372	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	425908	5419523	0.13899	373	373	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	426880	5417857	0.11173	379	379	0 MONTH	EMRSS	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	426880	5418690	0.09376	381	381	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	426880	5419523	0.08795	370.81	370.81	0 MONTH	EMRSS	1ST		2/28/1998 24 hr
MINE	427852	5417857	0.14379	378	378	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	427852	5418690	0.1134	374.7	374.7	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	427852	5419523	0.0877	364	364	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	428824	5417857	0.1418	379	379	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	428824	5418690	0.12189	379	379	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	428824	5419523	0.10677	375.16	375.16	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	429797	5417857	0.12952	371	371	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	429797	5418690	0.11705	373	373	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	429797	5419523	0.10476	371	371	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	430769	5417857	0.09822	368	368	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	430769	5418690	0.10261	370	370	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	430769	5419523	0.09509	370	370	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	431741	5417857	0.06867	396.6	401	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	431741	5418690	0.06995	377.21	390	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	431741	5419523	0.08221	366	366	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	432713	5417857	0.05552	373	373	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	432713	5418690	0.06265	376.07	376.07	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	432713	5419523	0.04963	400	400	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	433686	5417857	0.0446	374	374	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	433686	5418690	0.04105	390.86	400	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	433686	5419523	0.05166	392.42	392.42	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	434658	5417857	0.03787	406	423	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
MINE	434658	5418690	0.03754	386.63	390	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	434658	5419523	0.03503	388.54	416	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	435630	5417857	0.04183	382	404	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
MINE	435630	5418690	0.03584	391.41	391.41	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
MINE	435630	5419523	0.03275	383.74	401	0 MONTH	EMRSS	1ST		1/31/1999 24 hr
MINE	433963	5417023	0.04377	408.27	408.27	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
MINE	433963	5416051	0.05036	418.31	418.31	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	433963	5415079	0.0681	383.67	383.67	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	433963	5414107	0.08801	377	377	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	433963	5413134	0.08845	389.48	391	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	433963	5412162	0.08128	383.25	383.25	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	433963	5411190	0.09462	387	387	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	433963	5410218	0.07512	381	381	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	433963	5409245	0.08201	372	372	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	433963	5408273	0.09287	385.84	385.84	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	433963	5407301	0.06229	390.12	390.12	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	433963	5406329	0.06122	385	385	0 MONTH	EMRSS	1ST		8/31/1998 24 hr
MINE	433963	5405357	0.05631	389	389	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	433963	5404384	0.05281	377	377	0 MONTH	EMRSS	1ST		10/31/1999 24 hr
MINE	433963	5403412	0.04882	372	372	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	433963	5402440	0.0502	380	380	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	433963	5401468	0.04577	366	366	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	433963	5400495	0.04239	364.03	364.03	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	433963	5399523	0.04751	357	357	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	434797	5417023	0.04666	384.4	433	0 MONTH	EMRSS	1ST		12/31/1999 24 hr
MINE	434797	5416051	0.05924	379.08	379.08	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	434797	5415079	0.06425	374.72	374.72	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	434797	5414107	0.07426	387	387	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	434797	5413134	0.07565	400.14	400.14	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	434797	5412162	0.0667	391	391	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	434797	5411190	0.08382	386	386	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	434797	5410218	0.06864	381	381	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	434797	5409245	0.07385	379.42	379.42	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	434797	5408273	0.08054	386.99	386.99	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	434797	5407301	0.06701	390	390	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	434797	5406329	0.04897	401	401	0 MONTH	EMRSS	1ST		1/31/1998 24 hr
MINE	434797	5405357	0.04876	399	399	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	434797	5404384	0.04809	378	378	0 MONTH	EMRSS	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	434797	5403412	0.045	373	373	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	434797	5402440	0.04027	369	369	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	434797	5401468	0.04447	370.44	370.44	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	434797	5400495	0.03947	361	361	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	434797	5399523	0.03787	359	359	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	435630	5417023	0.04528	385.87	385.87	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	435630	5416051	0.05513	384.39	386	0 MONTH	EMRSS	1ST		2/29/2000 24 hr
MINE	435630	5415079	0.05676	403.66	403.66	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	435630	5414107	0.06102	396	396	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	435630	5413134	0.0705	385	385	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	435630	5412162	0.05859	386.78	386.78	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	435630	5411190	0.07474	385	385	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	435630	5410218	0.06037	390	390	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	435630	5409245	0.06667	382.49	382.49	0 MONTH	EMRSS	1ST		12/31/1998 24 hr
MINE	435630	5408273	0.06781	381	381	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	435630	5407301	0.06929	386.5	386.5	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	435630	5406329	0.04556	391.74	391.74	0 MONTH	EMRSS	1ST		7/31/1998 24 hr
MINE	435630	5405357	0.04786	389.76	389.76	0 MONTH	EMRSS	1ST		8/31/1998 24 hr
MINE	435630	5404384	0.04465	377.77	377.77	0 MONTH	EMRSS	1ST		1/31/2000 24 hr
MINE	435630	5403412	0.04143	375.14	375.14	0 MONTH	EMRSS	1ST		1/31/1996 24 hr
MINE	435630	5402440	0.03938	368	368	0 MONTH	EMRSS	1ST		4/30/1996 24 hr
MINE	435630	5401468	0.0344	364	364	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	435630	5400495	0.0381	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	435630	5399523	0.03432	358	358	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	433130	5401190	0.05113	364.77	364.77	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	433130	5400357	0.05608	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	433130	5399523	0.05352	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	432158	5401190	0.06932	373	373	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	432158	5400357	0.05801	358	358	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	432158	5399523	0.0447	357.13	357.13	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	431186	5401190	0.05901	365.75	365.75	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	431186	5400357	0.0463	355.6	355.6	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	431186	5399523	0.04249	357.06	357.06	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	430213	5401190	0.05241	353	353	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	430213	5400357	0.04404	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	430213	5399523	0.04287	355	355	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429241	5401190	0.05805	360	360	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429241	5400357	0.05309	358.56	358.56	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	429241	5399523	0.04636	359	359	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428269	5401190	0.05433	370	370	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428269	5400357	0.0456	365	365	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	428269	5399523	0.04033	361	361	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	427297	5401190	0.05087	375.45	375.45	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	427297	5400357	0.04291	363.85	363.85	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	427297	5399523	0.03581	361	361	0 MONTH	EMRSS	1ST		12/31/1997 24 hr
MINE	426324	5401190	0.05296	371.9	371.9	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	426324	5400357	0.0488	368	368	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	426324	5399523	0.04495	366.05	366.05	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425352	5401190	0.05738	376	376	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425352	5400357	0.05147	371	371	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	425352	5399523	0.04589	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424380	5401190	0.07314	376.85	376.85	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424380	5400357	0.06268	375.72	375.72	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	424380	5399523	0.0551	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423408	5401190	0.09123	379	379	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423408	5400357	0.08133	378	378	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	423408	5399523	0.07285	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422436	5401190	0.07882	370	370	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422436	5400357	0.06997	370.69	370.69	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	422436	5399523	0.06436	366	366	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	421463	5401190	0.08052	369.71	369.71	0 MONTH	EMRSS	1ST		12/31/2000 24 hr
MINE	421463	5400357	0.07098	367.08	367.08	0 MONTH	EMRSS	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	421463	5399523	0.06294	361.8	361.8	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	420491	5401190	0.05815	363.64	363.64	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	420491	5400357	0.06072	360	360	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	420491	5399523	0.05946	357	357	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	419519	5401190	0.04895	358	358	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	419519	5400357	0.03983	364.89	364.89	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	419519	5399523	0.04163	357	357	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	418547	5401190	0.05434	363.19	363.19	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	418547	5400357	0.04589	365	365	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	418547	5399523	0.03734	357	357	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	417574	5401190	0.05555	351	351	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	417574	5400357	0.0457	357.18	357.18	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	417574	5399523	0.04212	354	354	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	416602	5401190	0.04473	348	348	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	416602	5400357	0.04857	358.92	358.92	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	416602	5399523	0.04356	350	350	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	415630	5401190	0.03577	347	347	0	MONTH	EMRSS	1ST	4/30/1996 24 hr
MINE	415630	5400357	0.03594	349	349	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	415630	5399523	0.04009	349	349	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	417297	5402023	0.05196	357.46	357.46	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	417297	5402995	0.04796	346	346	0	MONTH	EMRSS	1ST	4/30/1996 24 hr
MINE	417297	5403968	0.0569	349	349	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	417297	5404940	0.06296	355	355	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	417297	5405912	0.07508	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	417297	5406884	0.10083	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	417297	5407857	0.10001	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	417297	5408829	0.11169	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	417297	5409801	0.11064	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	417297	5410773	0.09336	349	349	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	417297	5411745	0.12073	370	370	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	417297	5412718	0.07372	363.07	363.07	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	417297	5413690	0.08927	366	366	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	417297	5414662	0.05895	374	374	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	417297	5415634	0.07634	370	370	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	417297	5416607	0.08131	360.98	360.98	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	417297	5417579	0.07108	357	357	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	417297	5418551	0.05841	356	356	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	417297	5419523	0.05941	362.05	362.05	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
MINE	416463	5402023	0.04105	346	346	0	MONTH	EMRSS	1ST	4/30/1996 24 hr
MINE	416463	5402995	0.0461	346	346	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	416463	5403968	0.05214	348.5	348.5	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	416463	5404940	0.05734	357.45	357.45	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	416463	5405912	0.08079	346	346	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	416463	5406884	0.08579	343.24	343.24	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	416463	5407857	0.08514	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	416463	5408829	0.09937	346.93	346.93	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
MINE	416463	5409801	0.09373	353.2	353.2	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	416463	5410773	0.0791	357	357	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	416463	5411745	0.10126	356	356	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	416463	5412718	0.06514	369	369	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	416463	5413690	0.07324	369.57	369.57	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	416463	5414662	0.05817	383.43	383.43	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	416463	5415634	0.05545	364.53	364.53	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	416463	5416607	0.06951	361	361	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	416463	5417579	0.06706	360	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	416463	5418551	0.05756	359.12	359.12	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	416463	5419523	0.04815	353	353	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	415630	5402023	0.03796	343.62	343.62	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	415630	5402995	0.04414	346	346	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	415630	5403968	0.04596	349	349	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
MINE	415630	5404940	0.05937	360	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	415630	5405912	0.0748	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	415630	5408829	0.08695	348	348	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	415630	5409801	0.07951	354	354	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	415630	5410773	0.06456	363	363	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	415630	5411745	0.09117	369	369	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	415630	5412718	0.05971	371	371	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	415630	5413690	0.05683	380	380	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	415630	5414662	0.06306	374	374	0	MONTH	EMRSS	1ST	12/31/1997 24 hr
MINE	415630	5415634	0.04322	367	367	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	415630	5416607	0.05523	360	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	415630	5417579	0.06008	360	360	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	415630	5418551	0.05557	360.67	360.67	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
MINE	415630	5419523	0.04745	357	357	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
	415463	5406675	0.07139	342	342	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
	415451	5406279	0.072	345	345	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
	414628	5406278	0.06214	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
	414648	5407097	0.06246	340	340	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
	413820	5407101	0.05565	344.14	344.14	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
	413844	5407916	0.06283	343	343	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
	414669	5407897	0.06648	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
	414668	5407921	0.06676	343	343	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
	415890	5407908	0.07768	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
	415869	5407086	0.07648	341	341	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
	416287	5407081	0.08261	342	342	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
	416272	5406666	0.08308	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
	421918	5404856	0.1159	353.05	353.05	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
	421094	5404865	0.11255	350	350	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
	421106	5405379	0.12441	350	350	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
	420730	5405382	0.12613	355	355	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
	420730	5405796	0.13264	353	353	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
	419463	5405818	0.09531	353	353	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
	419463	5406226	0.10228	350	350	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
	420291	5406220	0.11475	350	350	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
	420304	5407038	0.13437	347.43	347.43	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
	419611	5407048	0.1165	347	347	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
	419649	5408646	0.18319	347	347	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
	420388	5408637	0.22926	346.92	346.92	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
	420340	5407829	0.15788	344	344	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
	421196	5407811	0.19141	350.16	350.16	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
	421156	5407025	0.16119	352	352	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
	422795	5406994	0.23656	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
	422806	5407802	0.31181	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
	423617	5407779	0.42329	358.09	358.09	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
	423599	5406990	0.33558	365.72	365.72	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
	422786	5406989	0.23577	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
	422771	5406177	0.19796	358	358	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
	422357	5406187	0.17151	359	359	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
	422363	5406591	0.19616	357	357	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
	421964	5406591	0.18639	356	356	0	MONTH	EMRSS	1ST	12/31/2000 24 hr
	420767	5413450	0.19173	375	375	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
	420780	5414261	0.18841	377	377	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
	421449	5414252	0.19565	379.78	379.78	0	MONTH	EMRSS	1ST	1/31/1998 24 hr
	422377	5414238	0.25715	379	379	0	MONTH	EMRSS	1ST	1/31/2000 24 hr
	422370	5415036	0.17201	387.39	387.39	0	MONTH	EMRSS	1ST	12/31/1999 24 hr
	424000	5415015	0.22195	397.45	397.45	0	MONTH	EMRSS	1ST	8/31/1996 24 hr
	423997	5414610	0.24155	400.01	400.01	0	MONTH	EMRSS	1ST	8/31/1996 24 hr
	424792	5414601	0.35786	388	388	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
	424798	5414204	0.40865	389	389	0	MONTH	EMRSS	1ST	2/28/1998 24 hr
	428817	5414150	0.1184	404	404	0	MONTH	EMRSS	1ST	1/31/1999 24 hr
	428848	5415656	0.18088	376	421	0	MONTH	EMRSS	1ST	2/29/2000 24 hr
	429649	5415650	0.11315	394.89	394.89	0	MONTH	EMRSS	1ST	1/31/1996 24 hr
	429650	5415747	0.11869	388.58	388.58	0	MONTH	EMRSS	1ST	1/31/1996 24 hr
	431259	5415735	0.07781	378.13	378.13	0	MONTH	EMRSS	1ST	12/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
431239	5414122	0.1157	376.02	376.02		0 MONTH	EMRSS	1ST		12/31/1998 24 hr
429628	5414138	0.13347	385.78	385.78		0 MONTH	EMRSS	1ST		12/31/1999 24 hr
429614	5413326	0.16806	389.97	389.97		0 MONTH	EMRSS	1ST		12/31/1998 24 hr
428809	5413327	0.17246	390	390		0 MONTH	EMRSS	1ST		12/31/1998 24 hr
428808	5412548	0.23801	393.59	393.59		0 MONTH	EMRSS	1ST		12/31/1998 24 hr
430407	5412512	0.18198	389	389		0 MONTH	EMRSS	1ST		12/31/1998 24 hr
430422	5413312	0.15499	379.63	379.63		0 MONTH	EMRSS	1ST		12/31/1998 24 hr
431230	5413308	0.14495	376	376		0 MONTH	EMRSS	1ST		12/31/1998 24 hr
431224	5412901	0.15556	379	379		0 MONTH	EMRSS	1ST		12/31/1998 24 hr
432035	5412899	0.13228	375.4	375.4		0 MONTH	EMRSS	1ST		12/31/1998 24 hr
432035	5412495	0.13674	374	374		0 MONTH	EMRSS	1ST		12/31/1998 24 hr
431223	5412502	0.15911	381	381		0 MONTH	EMRSS	1ST		12/31/1998 24 hr
431202	5410899	0.15507	382	382		0 MONTH	EMRSS	1ST		12/31/1997 24 hr
432010	5410893	0.13272	373.96	373.96		0 MONTH	EMRSS	1ST		12/31/2000 24 hr
431997	5410087	0.12125	378.53	378.53		0 MONTH	EMRSS	1ST		12/31/1998 24 hr
430381	5410114	0.1848	381	381		0 MONTH	EMRSS	1ST		12/31/1998 24 hr
430361	5408478	0.1324	377.79	377.79		0 MONTH	EMRSS	1ST		1/31/1998 24 hr
431008	5408470	0.13236	368.82	368.82		0 MONTH	EMRSS	1ST		1/31/1996 24 hr
431004	5407564	0.11138	359	359		0 MONTH	EMRSS	1ST		1/31/2000 24 hr
430203	5407573	0.1366	361	361		0 MONTH	EMRSS	1ST		1/31/2000 24 hr
430222	5408485	0.13661	378.03	378.03		0 MONTH	EMRSS	1ST		1/31/1998 24 hr
429414	5408504	0.16633	382.51	382.51		0 MONTH	EMRSS	1ST		1/31/2000 24 hr
429425	5408830	0.1698	383	383		0 MONTH	EMRSS	1ST		1/31/1998 24 hr
429102	5408830	0.17647	389	389		0 MONTH	EMRSS	1ST		7/31/1998 24 hr
429093	5408498	0.18417	387	387		0 MONTH	EMRSS	1ST		1/31/2000 24 hr
429431	5408490	0.16604	382	382		0 MONTH	EMRSS	1ST		1/31/2000 24 hr
429422	5407591	0.15173	359	359		0 MONTH	EMRSS	1ST		1/31/2000 24 hr
428564	5407591	0.19769	368.54	368.54		0 MONTH	EMRSS	1ST		12/31/1997 24 hr
427718	5407601	0.30132	366.38	366.38		0 MONTH	EMRSS	1ST		12/31/1997 24 hr
427720	5407741	0.30183	366.75	366.75		0 MONTH	EMRSS	1ST		12/31/1997 24 hr
427700	5407741	0.3064	366	366		0 MONTH	EMRSS	1ST		12/31/1997 24 hr
426917	5407750	0.36211	351.89	351.89		0 MONTH	EMRSS	1ST		12/31/1997 24 hr
426068	5407740	0.3045	379.31	379.31		0 MONTH	EMRSS	1ST		12/31/1997 24 hr
425276	5407752	0.32925	361	361		0 MONTH	EMRSS	1ST		12/31/2000 24 hr
425245	5406949	0.22633	370	370		0 MONTH	EMRSS	1ST		12/31/2000 24 hr
424422	5406973	0.36842	365	365		0 MONTH	EMRSS	1ST		12/31/2000 24 hr
424461	5407786	0.51626	368.75	378		0 MONTH	EMRSS	1ST		12/31/2000 24 hr
424499	5408579	0.77772	348	348		0 MONTH	EMRSS	1ST		12/31/2000 24 hr
420692	5408632	0.24374	343.53	343.53		0 MONTH	EMRSS	1ST		1/31/1998 24 hr
420705	5409438	0.27406	353	353		0 MONTH	EMRSS	1ST		1/31/1998 24 hr
419681	5409454	0.20561	351.75	351.75		0 MONTH	EMRSS	1ST		1/31/1998 24 hr
419677	5411057	0.19477	357.98	357.98		0 MONTH	EMRSS	1ST		1/31/1998 24 hr
418061	5411078	0.12062	349	349		0 MONTH	EMRSS	1ST		1/31/1998 24 hr
418099	5413503	0.10416	366	366		0 MONTH	EMRSS	1ST		12/31/1997 24 hr
418914	5413492	0.10887	369.53	369.53		0 MONTH	EMRSS	1ST		12/31/1997 24 hr
418914	5413081	0.12463	372.14	372.14		0 MONTH	EMRSS	1ST		12/31/1997 24 hr
419710	5413071	0.13047	380	380		0 MONTH	EMRSS	1ST		12/31/1997 24 hr
419711	5413468	0.10884	378	378		0 MONTH	EMRSS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
PINEGEN	415889	5407356	0.0226	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	415889	5407406	0.02256	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	415889	5407456	0.02251	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	415889	5407506	0.02246	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	415889	5407556	0.02242	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	415889	5407606	0.02238	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	415939	5407356	0.02282	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	415939	5407406	0.02277	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	415939	5407456	0.02272	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	415939	5407506	0.02268	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	415939	5407556	0.02263	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	415939	5407606	0.02259	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	415989	5407356	0.02304	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	415989	5407406	0.02299	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	415989	5407456	0.02294	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	415989	5407506	0.02289	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	415989	5407556	0.02285	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	415989	5407606	0.02281	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	415739	5406656	0.02265	343	343	0 ANNUAL	EMRSS	5	
PINEGEN	415739	5406606	0.02271	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	415789	5406656	0.02287	343.4	343.4	0 ANNUAL	EMRSS	5	
PINEGEN	415789	5406606	0.02292	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	415839	5406656	0.0231	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	415839	5406606	0.02313	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	415889	5407306	0.02265	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	415889	5407256	0.02272	340.39	340.39	0 ANNUAL	EMRSS	5	
PINEGEN	415889	5407206	0.02279	341	341	0 ANNUAL	EMRSS	5	
PINEGEN	415889	5407156	0.02284	341	341	0 ANNUAL	EMRSS	5	
PINEGEN	415889	5407106	0.02288	341	341	0 ANNUAL	EMRSS	5	
PINEGEN	415889	5406656	0.02329	343.32	343.32	0 ANNUAL	EMRSS	5	
PINEGEN	415889	5406606	0.02334	343.86	343.86	0 ANNUAL	EMRSS	5	
PINEGEN	415939	5407306	0.02287	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	415939	5407256	0.02296	341	341	0 ANNUAL	EMRSS	5	
PINEGEN	415939	5407206	0.02301	341	341	0 ANNUAL	EMRSS	5	
PINEGEN	415939	5407156	0.02305	341	341	0 ANNUAL	EMRSS	5	
PINEGEN	415939	5407106	0.0231	341	341	0 ANNUAL	EMRSS	5	
PINEGEN	415939	5406656	0.02349	343	343	0 ANNUAL	EMRSS	5	
PINEGEN	415939	5406606	0.02352	343	343	0 ANNUAL	EMRSS	5	
PINEGEN	415989	5407306	0.0231	340.32	340.32	0 ANNUAL	EMRSS	5	
PINEGEN	415989	5407256	0.02318	341	341	0 ANNUAL	EMRSS	5	
PINEGEN	415989	5407206	0.02323	341	341	0 ANNUAL	EMRSS	5	
PINEGEN	415989	5407156	0.02328	341	341	0 ANNUAL	EMRSS	5	
PINEGEN	415989	5407106	0.02334	341.38	341.38	0 ANNUAL	EMRSS	5	
PINEGEN	415989	5406656	0.02371	343	343	0 ANNUAL	EMRSS	5	
PINEGEN	415989	5406606	0.02374	343	343	0 ANNUAL	EMRSS	5	
PINEGEN	415689	5406656	0.02244	343	343	0 ANNUAL	EMRSS	5	
PINEGEN	415689	5406606	0.02251	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	415639	5406656	0.02224	343	343	0 ANNUAL	EMRSS	5	
PINEGEN	415639	5406606	0.0223	344	344	0 ANNUAL	EMRSS	5	

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Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
PINEGEN	415589	5406656	0.02204	343	343	0 ANNUAL	EMRSS	5
PINEGEN	415589	5406606	0.02209	343.6	343.6	0 ANNUAL	EMRSS	5
PINEGEN	415539	5406656	0.02185	343	343	0 ANNUAL	EMRSS	5
PINEGEN	415539	5406606	0.02187	343	343	0 ANNUAL	EMRSS	5
PINEGEN	415489	5406656	0.02165	343	343	0 ANNUAL	EMRSS	5
PINEGEN	415489	5406606	0.02168	343	343	0 ANNUAL	EMRSS	5
PINEGEN	414989	5408006	0.01953	344	344	0 ANNUAL	EMRSS	5
PINEGEN	414989	5408106	0.01965	344.02	344.02	0 ANNUAL	EMRSS	5
PINEGEN	415089	5408006	0.01981	344	344	0 ANNUAL	EMRSS	5
PINEGEN	415089	5408106	0.01995	344.63	344.63	0 ANNUAL	EMRSS	5
PINEGEN	415189	5408006	0.02011	344	344	0 ANNUAL	EMRSS	5
PINEGEN	415189	5408106	0.02022	344	344	0 ANNUAL	EMRSS	5
PINEGEN	415289	5408006	0.02041	344	344	0 ANNUAL	EMRSS	5
PINEGEN	415289	5408106	0.02052	344	344	0 ANNUAL	EMRSS	5
PINEGEN	415389	5408006	0.02069	343	343	0 ANNUAL	EMRSS	5
PINEGEN	415389	5408106	0.02083	344	344	0 ANNUAL	EMRSS	5
PINEGEN	415489	5408006	0.02101	343	343	0 ANNUAL	EMRSS	5
PINEGEN	415489	5408106	0.02115	344	344	0 ANNUAL	EMRSS	5
PINEGEN	415589	5408006	0.02135	343	343	0 ANNUAL	EMRSS	5
PINEGEN	415589	5408106	0.02148	343.95	343.95	0 ANNUAL	EMRSS	5
PINEGEN	415689	5408006	0.02169	342.7	342.7	0 ANNUAL	EMRSS	5
PINEGEN	415689	5408106	0.02179	343.02	343.02	0 ANNUAL	EMRSS	5
PINEGEN	415789	5408006	0.02202	342	342	0 ANNUAL	EMRSS	5
PINEGEN	415789	5408106	0.02214	343	343	0 ANNUAL	EMRSS	5
PINEGEN	415889	5407706	0.02236	341	341	0 ANNUAL	EMRSS	5
PINEGEN	415889	5407806	0.02232	341	341	0 ANNUAL	EMRSS	5
PINEGEN	415889	5408006	0.02239	342	342	0 ANNUAL	EMRSS	5
PINEGEN	415889	5408106	0.0225	343	343	0 ANNUAL	EMRSS	5
PINEGEN	415989	5407706	0.02273	340	340	0 ANNUAL	EMRSS	5
PINEGEN	415989	5407806	0.02269	340	340	0 ANNUAL	EMRSS	5
PINEGEN	415989	5407906	0.02271	341	341	0 ANNUAL	EMRSS	5
PINEGEN	415989	5408006	0.02275	341.44	341.44	0 ANNUAL	EMRSS	5
PINEGEN	415989	5408106	0.02284	342	342	0 ANNUAL	EMRSS	5
PINEGEN	416089	5407706	0.02317	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416089	5407806	0.02311	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416089	5407906	0.02311	340.64	340.64	0 ANNUAL	EMRSS	5
PINEGEN	416089	5408006	0.02314	341	341	0 ANNUAL	EMRSS	5
PINEGEN	416089	5408106	0.02323	342	342	0 ANNUAL	EMRSS	5
PINEGEN	416189	5407706	0.02361	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416189	5407806	0.02355	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416189	5407906	0.02351	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416189	5408006	0.02355	341	341	0 ANNUAL	EMRSS	5
PINEGEN	416189	5408106	0.02364	342	342	0 ANNUAL	EMRSS	5
PINEGEN	416289	5407706	0.02408	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416289	5407806	0.024	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416289	5407906	0.02395	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416289	5408006	0.02399	341	341	0 ANNUAL	EMRSS	5
PINEGEN	416289	5408106	0.02403	341.4	341.4	0 ANNUAL	EMRSS	5
PINEGEN	416389	5407706	0.02456	340	340	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
PINEGEN	416389	5407806	0.02447	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416389	5407906	0.02442	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416389	5408006	0.02439	340.05	340.05	0 ANNUAL	EMRSS	5
PINEGEN	416389	5408106	0.02445	341	341	0 ANNUAL	EMRSS	5
PINEGEN	416489	5407706	0.02505	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416489	5407806	0.02496	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416489	5407906	0.02489	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416489	5408006	0.02486	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416489	5408106	0.02489	340.58	340.58	0 ANNUAL	EMRSS	5
PINEGEN	416089	5407606	0.02325	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416089	5407506	0.02334	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416089	5407406	0.02344	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416089	5407306	0.02358	341	341	0 ANNUAL	EMRSS	5
PINEGEN	416089	5407206	0.02368	341	341	0 ANNUAL	EMRSS	5
PINEGEN	416089	5407106	0.02381	342	342	0 ANNUAL	EMRSS	5
PINEGEN	416089	5406606	0.02422	344	344	0 ANNUAL	EMRSS	5
PINEGEN	416089	5406506	0.0243	344.9	344.9	0 ANNUAL	EMRSS	5
PINEGEN	416089	5406406	0.02433	345	345	0 ANNUAL	EMRSS	5
PINEGEN	416089	5406306	0.02435	345	345	0 ANNUAL	EMRSS	5
PINEGEN	416089	5406206	0.02439	346	346	0 ANNUAL	EMRSS	5
PINEGEN	416089	5406106	0.02438	346.07	346.07	0 ANNUAL	EMRSS	5
PINEGEN	416189	5407606	0.0237	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416189	5407506	0.0238	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416189	5407406	0.02394	340.88	340.88	0 ANNUAL	EMRSS	5
PINEGEN	416189	5407306	0.02405	341	341	0 ANNUAL	EMRSS	5
PINEGEN	416189	5407206	0.02414	341	341	0 ANNUAL	EMRSS	5
PINEGEN	416189	5407106	0.02428	342	342	0 ANNUAL	EMRSS	5
PINEGEN	416189	5406606	0.02469	344.4	344.4	0 ANNUAL	EMRSS	5
PINEGEN	416189	5406506	0.02475	345	345	0 ANNUAL	EMRSS	5
PINEGEN	416189	5406406	0.02479	345.2	345.2	0 ANNUAL	EMRSS	5
PINEGEN	416189	5406306	0.02483	346	346	0 ANNUAL	EMRSS	5
PINEGEN	416189	5406206	0.02485	346.79	346.79	0 ANNUAL	EMRSS	5
PINEGEN	416189	5406106	0.02483	347	347	0 ANNUAL	EMRSS	5
PINEGEN	416289	5407606	0.02417	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416289	5407506	0.02427	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416289	5407406	0.02442	340.81	340.81	0 ANNUAL	EMRSS	5
PINEGEN	416289	5407306	0.02453	341	341	0 ANNUAL	EMRSS	5
PINEGEN	416289	5407206	0.02464	341.41	341.41	0 ANNUAL	EMRSS	5
PINEGEN	416289	5407106	0.02475	342	342	0 ANNUAL	EMRSS	5
PINEGEN	416289	5407006	0.02488	343	343	0 ANNUAL	EMRSS	5
PINEGEN	416289	5406906	0.02495	343	343	0 ANNUAL	EMRSS	5
PINEGEN	416289	5406806	0.02505	344	344	0 ANNUAL	EMRSS	5
PINEGEN	416289	5406706	0.0251	344	344	0 ANNUAL	EMRSS	5
PINEGEN	416289	5406606	0.02519	345	345	0 ANNUAL	EMRSS	5
PINEGEN	416289	5406506	0.02522	345	345	0 ANNUAL	EMRSS	5
PINEGEN	416289	5406406	0.02528	346	346	0 ANNUAL	EMRSS	5
PINEGEN	416289	5406306	0.02528	346	346	0 ANNUAL	EMRSS	5
PINEGEN	416289	5406206	0.0253	347	347	0 ANNUAL	EMRSS	5
PINEGEN	416289	5406106	0.02526	347	347	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
PINEGEN	416389	5407606	0.02466	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416389	5407506	0.02476	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416389	5407406	0.02492	341	341	0 ANNUAL	EMRSS	5
PINEGEN	416389	5407306	0.02502	341	341	0 ANNUAL	EMRSS	5
PINEGEN	416389	5407206	0.02516	342	342	0 ANNUAL	EMRSS	5
PINEGEN	416389	5407106	0.02525	342	342	0 ANNUAL	EMRSS	5
PINEGEN	416389	5407006	0.02537	343	343	0 ANNUAL	EMRSS	5
PINEGEN	416389	5406906	0.02544	343	343	0 ANNUAL	EMRSS	5
PINEGEN	416389	5406806	0.02554	344	344	0 ANNUAL	EMRSS	5
PINEGEN	416389	5406706	0.02559	344	344	0 ANNUAL	EMRSS	5
PINEGEN	416389	5406606	0.02567	345	345	0 ANNUAL	EMRSS	5
PINEGEN	416389	5406506	0.02569	345	345	0 ANNUAL	EMRSS	5
PINEGEN	416389	5406406	0.0257	345	345	0 ANNUAL	EMRSS	5
PINEGEN	416389	5406306	0.02573	345.75	345.75	0 ANNUAL	EMRSS	5
PINEGEN	416389	5406206	0.02571	346	346	0 ANNUAL	EMRSS	5
PINEGEN	416389	5406106	0.02565	346	346	0 ANNUAL	EMRSS	5
PINEGEN	416489	5407606	0.02516	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416489	5407506	0.02527	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416489	5407406	0.02543	341	341	0 ANNUAL	EMRSS	5
PINEGEN	416489	5407306	0.02553	341	341	0 ANNUAL	EMRSS	5
PINEGEN	416489	5407206	0.02567	342	342	0 ANNUAL	EMRSS	5
PINEGEN	416489	5407106	0.02575	342	342	0 ANNUAL	EMRSS	5
PINEGEN	416489	5407006	0.02587	343	343	0 ANNUAL	EMRSS	5
PINEGEN	416489	5406906	0.02594	343	343	0 ANNUAL	EMRSS	5
PINEGEN	416489	5406806	0.02604	344	344	0 ANNUAL	EMRSS	5
PINEGEN	416489	5406706	0.02609	344	344	0 ANNUAL	EMRSS	5
PINEGEN	416489	5406606	0.02612	344	344	0 ANNUAL	EMRSS	5
PINEGEN	416489	5406506	0.02614	344	344	0 ANNUAL	EMRSS	5
PINEGEN	416489	5406406	0.02614	344	344	0 ANNUAL	EMRSS	5
PINEGEN	416489	5406306	0.02612	344	344	0 ANNUAL	EMRSS	5
PINEGEN	416489	5406206	0.02609	344.51	344.51	0 ANNUAL	EMRSS	5
PINEGEN	416489	5406106	0.02604	345	345	0 ANNUAL	EMRSS	5
PINEGEN	415989	5406506	0.02382	344	344	0 ANNUAL	EMRSS	5
PINEGEN	415989	5406406	0.02385	344	344	0 ANNUAL	EMRSS	5
PINEGEN	415989	5406306	0.02392	345	345	0 ANNUAL	EMRSS	5
PINEGEN	415989	5406206	0.02393	345	345	0 ANNUAL	EMRSS	5
PINEGEN	415989	5406106	0.02396	346	346	0 ANNUAL	EMRSS	5
PINEGEN	415889	5406506	0.02339	344	344	0 ANNUAL	EMRSS	5
PINEGEN	415889	5406406	0.02344	344.45	344.45	0 ANNUAL	EMRSS	5
PINEGEN	415889	5406306	0.02348	344.72	344.72	0 ANNUAL	EMRSS	5
PINEGEN	415889	5406206	0.02351	345	345	0 ANNUAL	EMRSS	5
PINEGEN	415889	5406106	0.02352	345	345	0 ANNUAL	EMRSS	5
PINEGEN	415789	5406506	0.02297	344	344	0 ANNUAL	EMRSS	5
PINEGEN	415789	5406406	0.02304	345	345	0 ANNUAL	EMRSS	5
PINEGEN	415789	5406306	0.0231	345.63	345.63	0 ANNUAL	EMRSS	5
PINEGEN	415789	5406206	0.02313	346	346	0 ANNUAL	EMRSS	5
PINEGEN	415789	5406106	0.02315	346	346	0 ANNUAL	EMRSS	5
PINEGEN	415689	5406506	0.02256	344.06	344.06	0 ANNUAL	EMRSS	5
PINEGEN	415689	5406406	0.02263	345	345	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
PINEGEN	415689	5406306	0.02267	345	345	0 ANNUAL	EMRSS	5	
PINEGEN	415689	5406206	0.02273	346	346	0 ANNUAL	EMRSS	5	
PINEGEN	415689	5406106	0.02275	346	346	0 ANNUAL	EMRSS	5	
PINEGEN	415589	5406506	0.02216	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	415589	5406406	0.0222	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	415589	5406306	0.02227	345	345	0 ANNUAL	EMRSS	5	
PINEGEN	415589	5406206	0.02234	346	346	0 ANNUAL	EMRSS	5	
PINEGEN	415589	5406106	0.02236	346	346	0 ANNUAL	EMRSS	5	
PINEGEN	415489	5406506	0.02175	343.44	343.44	0 ANNUAL	EMRSS	5	
PINEGEN	415489	5406406	0.02181	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	415489	5406306	0.02189	345	345	0 ANNUAL	EMRSS	5	
PINEGEN	415489	5406206	0.02192	345	345	0 ANNUAL	EMRSS	5	
PINEGEN	415489	5406106	0.02198	345.84	345.84	0 ANNUAL	EMRSS	5	
PINEGEN	415389	5406206	0.02155	345	345	0 ANNUAL	EMRSS	5	
PINEGEN	415389	5406106	0.02158	345	345	0 ANNUAL	EMRSS	5	
PINEGEN	415289	5406206	0.02115	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	415289	5406106	0.02121	345	345	0 ANNUAL	EMRSS	5	
PINEGEN	415189	5406206	0.02079	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	415189	5406106	0.02085	344.65	344.65	0 ANNUAL	EMRSS	5	
PINEGEN	415089	5406206	0.02044	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	415089	5406106	0.0205	344.72	344.72	0 ANNUAL	EMRSS	5	
PINEGEN	414989	5406206	0.0201	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	414989	5406106	0.02014	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	414889	5406206	0.01974	343	343	0 ANNUAL	EMRSS	5	
PINEGEN	414889	5406106	0.01978	343	343	0 ANNUAL	EMRSS	5	
PINEGEN	414789	5406206	0.01939	342	342	0 ANNUAL	EMRSS	5	
PINEGEN	414789	5406106	0.01943	342	342	0 ANNUAL	EMRSS	5	
PINEGEN	414689	5406206	0.01905	341	341	0 ANNUAL	EMRSS	5	
PINEGEN	414689	5406106	0.01911	342	342	0 ANNUAL	EMRSS	5	
PINEGEN	414589	5406506	0.01855	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	414589	5406406	0.01864	341	341	0 ANNUAL	EMRSS	5	
PINEGEN	414589	5406306	0.01869	341	341	0 ANNUAL	EMRSS	5	
PINEGEN	414589	5406206	0.01876	341.73	341.73	0 ANNUAL	EMRSS	5	
PINEGEN	414589	5406106	0.01881	342	342	0 ANNUAL	EMRSS	5	
PINEGEN	414489	5406506	0.01825	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	414489	5406406	0.01834	341	341	0 ANNUAL	EMRSS	5	
PINEGEN	414489	5406306	0.01839	341	341	0 ANNUAL	EMRSS	5	
PINEGEN	414489	5406206	0.01846	341.8	341.8	0 ANNUAL	EMRSS	5	
PINEGEN	414489	5406106	0.01851	342	342	0 ANNUAL	EMRSS	5	
PINEGEN	414889	5408006	0.01925	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	414889	5408106	0.01937	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	414789	5408006	0.01896	343.11	343.11	0 ANNUAL	EMRSS	5	
PINEGEN	414789	5408106	0.01911	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	414689	5408006	0.01869	343	343	0 ANNUAL	EMRSS	5	
PINEGEN	414689	5408106	0.01884	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	414589	5406606	0.01849	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	414589	5406706	0.01842	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	414589	5406806	0.01834	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	414589	5406906	0.01826	340	340	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
PINEGEN	414589	5407006	0.01819	340	340	0 ANNUAL	EMRSS	5
PINEGEN	414589	5407906	0.01831	342.66	342.66	0 ANNUAL	EMRSS	5
PINEGEN	414589	5408006	0.01844	343	343	0 ANNUAL	EMRSS	5
PINEGEN	414589	5408106	0.01859	344	344	0 ANNUAL	EMRSS	5
PINEGEN	414489	5406606	0.01819	340	340	0 ANNUAL	EMRSS	5
PINEGEN	414489	5406706	0.01811	340	340	0 ANNUAL	EMRSS	5
PINEGEN	414489	5406806	0.01804	340	340	0 ANNUAL	EMRSS	5
PINEGEN	414489	5406906	0.01796	340	340	0 ANNUAL	EMRSS	5
PINEGEN	414489	5407006	0.01788	340	340	0 ANNUAL	EMRSS	5
PINEGEN	414489	5407906	0.01807	343	343	0 ANNUAL	EMRSS	5
PINEGEN	414489	5408006	0.01819	343	343	0 ANNUAL	EMRSS	5
PINEGEN	414489	5408106	0.01834	344	344	0 ANNUAL	EMRSS	5
PINEGEN	414489	5408306	0.01859	345	345	0 ANNUAL	EMRSS	5
PINEGEN	414489	5408506	0.01874	346	346	0 ANNUAL	EMRSS	5
PINEGEN	414489	5408706	0.01877	347	347	0 ANNUAL	EMRSS	5
PINEGEN	414489	5408906	0.01866	348	348	0 ANNUAL	EMRSS	5
PINEGEN	414489	5409106	0.01845	349	349	0 ANNUAL	EMRSS	5
PINEGEN	414689	5408306	0.01911	345	345	0 ANNUAL	EMRSS	5
PINEGEN	414689	5408506	0.01929	345.63	345.63	0 ANNUAL	EMRSS	5
PINEGEN	414689	5408706	0.01933	346.26	346.26	0 ANNUAL	EMRSS	5
PINEGEN	414689	5408906	0.01927	347.9	347.9	0 ANNUAL	EMRSS	5
PINEGEN	414689	5409106	0.01907	349	349	0 ANNUAL	EMRSS	5
PINEGEN	414889	5408306	0.01966	345	345	0 ANNUAL	EMRSS	5
PINEGEN	414889	5408506	0.01987	346	346	0 ANNUAL	EMRSS	5
PINEGEN	414889	5408706	0.01997	347	347	0 ANNUAL	EMRSS	5
PINEGEN	414889	5408906	0.01987	347.03	347.03	0 ANNUAL	EMRSS	5
PINEGEN	414889	5409106	0.01969	348	348	0 ANNUAL	EMRSS	5
PINEGEN	415089	5408306	0.02023	345	345	0 ANNUAL	EMRSS	5
PINEGEN	415089	5408506	0.02048	346	346	0 ANNUAL	EMRSS	5
PINEGEN	415089	5408706	0.0206	347	347	0 ANNUAL	EMRSS	5
PINEGEN	415089	5408906	0.02057	348	348	0 ANNUAL	EMRSS	5
PINEGEN	415089	5409106	0.0204	349	349	0 ANNUAL	EMRSS	5
PINEGEN	415289	5408306	0.02082	345	345	0 ANNUAL	EMRSS	5
PINEGEN	415289	5408506	0.0211	346	346	0 ANNUAL	EMRSS	5
PINEGEN	415289	5408706	0.02127	347	347	0 ANNUAL	EMRSS	5
PINEGEN	415289	5408906	0.02127	348	348	0 ANNUAL	EMRSS	5
PINEGEN	415289	5409106	0.02111	349	349	0 ANNUAL	EMRSS	5
PINEGEN	415489	5408306	0.02145	345	345	0 ANNUAL	EMRSS	5
PINEGEN	415489	5408506	0.02175	346	346	0 ANNUAL	EMRSS	5
PINEGEN	415489	5408706	0.02196	347	347	0 ANNUAL	EMRSS	5
PINEGEN	415489	5408906	0.022	348	348	0 ANNUAL	EMRSS	5
PINEGEN	415489	5409106	0.02187	349	349	0 ANNUAL	EMRSS	5
PINEGEN	415689	5408306	0.02208	344	344	0 ANNUAL	EMRSS	5
PINEGEN	415689	5408506	0.02244	346	346	0 ANNUAL	EMRSS	5
PINEGEN	415689	5408706	0.02268	347	347	0 ANNUAL	EMRSS	5
PINEGEN	415689	5408906	0.02278	348.55	348.55	0 ANNUAL	EMRSS	5
PINEGEN	415689	5409106	0.02269	350	350	0 ANNUAL	EMRSS	5
PINEGEN	415889	5408306	0.02274	343	343	0 ANNUAL	EMRSS	5
PINEGEN	415889	5408506	0.02307	344	344	0 ANNUAL	EMRSS	5



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
PINEGEN	415889	5408706	0.02343	347	347	0 ANNUAL	EMRSS	5	
PINEGEN	415889	5408906	0.0236	349	349	0 ANNUAL	EMRSS	5	
PINEGEN	415889	5409106	0.02353	350	350	0 ANNUAL	EMRSS	5	
PINEGEN	416089	5408306	0.02348	343	343	0 ANNUAL	EMRSS	5	
PINEGEN	416089	5408506	0.02373	342	342	0 ANNUAL	EMRSS	5	
PINEGEN	416089	5408706	0.02413	345	345	0 ANNUAL	EMRSS	5	
PINEGEN	416089	5408906	0.02439	347.97	347.97	0 ANNUAL	EMRSS	5	
PINEGEN	416089	5409106	0.02441	350	350	0 ANNUAL	EMRSS	5	
PINEGEN	416289	5408306	0.02423	342	342	0 ANNUAL	EMRSS	5	
PINEGEN	416289	5408506	0.02452	342	342	0 ANNUAL	EMRSS	5	
PINEGEN	416289	5408706	0.02481	342	342	0 ANNUAL	EMRSS	5	
PINEGEN	416289	5408906	0.02522	346.94	346.94	0 ANNUAL	EMRSS	5	
PINEGEN	416289	5409106	0.02533	350	350	0 ANNUAL	EMRSS	5	
PINEGEN	416489	5408306	0.02508	341.92	341.92	0 ANNUAL	EMRSS	5	
PINEGEN	416489	5408506	0.02541	343	343	0 ANNUAL	EMRSS	5	
PINEGEN	416489	5408706	0.02584	345.23	345.23	0 ANNUAL	EMRSS	5	
PINEGEN	416489	5408906	0.02619	348	348	0 ANNUAL	EMRSS	5	
PINEGEN	416489	5409106	0.0263	350	350	0 ANNUAL	EMRSS	5	
PINEGEN	416689	5408306	0.02611	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	416689	5408506	0.02645	345.73	345.73	0 ANNUAL	EMRSS	5	
PINEGEN	416689	5408706	0.02684	347	347	0 ANNUAL	EMRSS	5	
PINEGEN	416689	5408906	0.02716	348	348	0 ANNUAL	EMRSS	5	
PINEGEN	416689	5409106	0.02728	349	349	0 ANNUAL	EMRSS	5	
PINEGEN	416889	5408306	0.02711	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	416889	5408506	0.02738	345	345	0 ANNUAL	EMRSS	5	
PINEGEN	416889	5408706	0.02772	345.23	345.23	0 ANNUAL	EMRSS	5	
PINEGEN	416889	5408906	0.02807	346	346	0 ANNUAL	EMRSS	5	
PINEGEN	416889	5409106	0.02825	347	347	0 ANNUAL	EMRSS	5	
PINEGEN	417089	5408306	0.02808	342	342	0 ANNUAL	EMRSS	5	
PINEGEN	417089	5408506	0.02824	342	342	0 ANNUAL	EMRSS	5	
PINEGEN	417089	5408706	0.02862	343	343	0 ANNUAL	EMRSS	5	
PINEGEN	417089	5408906	0.02898	343.45	343.45	0 ANNUAL	EMRSS	5	
PINEGEN	417089	5409106	0.02925	345	345	0 ANNUAL	EMRSS	5	
PINEGEN	417289	5408306	0.02926	342.14	342.14	0 ANNUAL	EMRSS	5	
PINEGEN	417289	5408506	0.02944	343.33	343.33	0 ANNUAL	EMRSS	5	
PINEGEN	417289	5408706	0.02978	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	417289	5408906	0.0302	345	345	0 ANNUAL	EMRSS	5	
PINEGEN	417289	5409106	0.03043	345	345	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5408306	0.03058	343	343	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5408506	0.0307	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5408706	0.03096	344.08	344.08	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5408906	0.03139	345	345	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5409106	0.03175	346	346	0 ANNUAL	EMRSS	5	
PINEGEN	416689	5408106	0.02596	342.72	342.72	0 ANNUAL	EMRSS	5	
PINEGEN	416689	5407906	0.02596	341	341	0 ANNUAL	EMRSS	5	
PINEGEN	416689	5407706	0.0261	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	416689	5407506	0.02633	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	416689	5407306	0.02658	340.88	340.88	0 ANNUAL	EMRSS	5	
PINEGEN	416689	5407106	0.02676	341	341	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
PINEGEN	416689	5406906	0.02694	342	342	0 ANNUAL	EMRSS	5
PINEGEN	416689	5406706	0.02706	342.88	342.88	0 ANNUAL	EMRSS	5
PINEGEN	416689	5406506	0.0271	343.3	343.3	0 ANNUAL	EMRSS	5
PINEGEN	416689	5406306	0.02706	344.04	344.04	0 ANNUAL	EMRSS	5
PINEGEN	416689	5406106	0.02689	345	345	0 ANNUAL	EMRSS	5
PINEGEN	416689	5405906	0.02658	346	346	0 ANNUAL	EMRSS	5
PINEGEN	416689	5405706	0.02611	347	347	0 ANNUAL	EMRSS	5
PINEGEN	416689	5405506	0.02549	348	348	0 ANNUAL	EMRSS	5
PINEGEN	416689	5405306	0.02476	349	349	0 ANNUAL	EMRSS	5
PINEGEN	416689	5405106	0.02394	350	350	0 ANNUAL	EMRSS	5
PINEGEN	416889	5408106	0.02703	343	343	0 ANNUAL	EMRSS	5
PINEGEN	416889	5407906	0.02705	341	341	0 ANNUAL	EMRSS	5
PINEGEN	416889	5407706	0.02722	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416889	5407506	0.02745	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416889	5407306	0.02766	340	340	0 ANNUAL	EMRSS	5
PINEGEN	416889	5407106	0.02788	341	341	0 ANNUAL	EMRSS	5
PINEGEN	416889	5406906	0.02804	342	342	0 ANNUAL	EMRSS	5
PINEGEN	416889	5406706	0.02815	343	343	0 ANNUAL	EMRSS	5
PINEGEN	416889	5406506	0.02816	344	344	0 ANNUAL	EMRSS	5
PINEGEN	416889	5406306	0.02805	345	345	0 ANNUAL	EMRSS	5
PINEGEN	416889	5406106	0.02774	345	345	0 ANNUAL	EMRSS	5
PINEGEN	416889	5405906	0.02731	346	346	0 ANNUAL	EMRSS	5
PINEGEN	416889	5405706	0.02671	347	347	0 ANNUAL	EMRSS	5
PINEGEN	416889	5405506	0.02597	348	348	0 ANNUAL	EMRSS	5
PINEGEN	416889	5405306	0.02513	349.09	349.09	0 ANNUAL	EMRSS	5
PINEGEN	416889	5405106	0.02425	350.12	350.12	0 ANNUAL	EMRSS	5
PINEGEN	417089	5408106	0.02811	342	342	0 ANNUAL	EMRSS	5
PINEGEN	417089	5407906	0.02823	341	341	0 ANNUAL	EMRSS	5
PINEGEN	417089	5407706	0.02841	340	340	0 ANNUAL	EMRSS	5
PINEGEN	417089	5407506	0.02865	340	340	0 ANNUAL	EMRSS	5
PINEGEN	417089	5407306	0.02885	340	340	0 ANNUAL	EMRSS	5
PINEGEN	417089	5407106	0.02906	341	341	0 ANNUAL	EMRSS	5
PINEGEN	417089	5406906	0.0292	342	342	0 ANNUAL	EMRSS	5
PINEGEN	417089	5406706	0.02927	343	343	0 ANNUAL	EMRSS	5
PINEGEN	417089	5406506	0.02921	344	344	0 ANNUAL	EMRSS	5
PINEGEN	417089	5406306	0.029	345	345	0 ANNUAL	EMRSS	5
PINEGEN	417089	5406106	0.02861	346	346	0 ANNUAL	EMRSS	5
PINEGEN	417089	5405906	0.02804	347	347	0 ANNUAL	EMRSS	5
PINEGEN	417089	5405706	0.02729	347.89	347.89	0 ANNUAL	EMRSS	5
PINEGEN	417089	5405506	0.02644	349	349	0 ANNUAL	EMRSS	5
PINEGEN	417089	5405306	0.02551	350	350	0 ANNUAL	EMRSS	5
PINEGEN	417089	5405106	0.02456	351.14	351.14	0 ANNUAL	EMRSS	5
PINEGEN	417289	5408106	0.02928	341	341	0 ANNUAL	EMRSS	5
PINEGEN	417289	5407906	0.02943	340	340	0 ANNUAL	EMRSS	5
PINEGEN	417289	5407706	0.02969	340	340	0 ANNUAL	EMRSS	5
PINEGEN	417289	5407506	0.02993	340	340	0 ANNUAL	EMRSS	5
PINEGEN	417289	5407306	0.03018	341	341	0 ANNUAL	EMRSS	5
PINEGEN	417289	5407106	0.03037	342	342	0 ANNUAL	EMRSS	5
PINEGEN	417289	5406906	0.03048	343	343	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
PINEGEN	417289	5406706	0.03044	343.3	343.3	0 ANNUAL	EMRSS	5	
PINEGEN	417289	5406506	0.03027	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	417289	5406306	0.02994	345	345	0 ANNUAL	EMRSS	5	
PINEGEN	417289	5406106	0.0294	346	346	0 ANNUAL	EMRSS	5	
PINEGEN	417289	5405906	0.02868	347	347	0 ANNUAL	EMRSS	5	
PINEGEN	417289	5405706	0.02781	348	348	0 ANNUAL	EMRSS	5	
PINEGEN	417289	5405506	0.02684	349	349	0 ANNUAL	EMRSS	5	
PINEGEN	417289	5405306	0.02583	350	350	0 ANNUAL	EMRSS	5	
PINEGEN	417289	5405106	0.0249	353	353	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5408106	0.03067	342	342	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5407906	0.03086	341	341	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5407706	0.03106	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5407506	0.03129	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5407306	0.03153	341	341	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5407106	0.03169	341.99	341.99	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5406906	0.03169	342	342	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5406706	0.0316	343	343	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5406506	0.03133	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5406306	0.03084	345	345	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5406106	0.03015	346	346	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5405906	0.02927	347	347	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5405706	0.02827	348	348	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5405506	0.02716	348.07	348.07	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5405306	0.02614	349.95	349.95	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5405106	0.02517	352.34	352.34	0 ANNUAL	EMRSS	5	
PINEGEN	416489	5405906	0.02583	346	346	0 ANNUAL	EMRSS	5	
PINEGEN	416489	5405706	0.02547	347	347	0 ANNUAL	EMRSS	5	
PINEGEN	416489	5405506	0.02497	348	348	0 ANNUAL	EMRSS	5	
PINEGEN	416489	5405306	0.02435	349	349	0 ANNUAL	EMRSS	5	
PINEGEN	416489	5405106	0.02365	350.98	350.98	0 ANNUAL	EMRSS	5	
PINEGEN	416289	5405906	0.0251	347	347	0 ANNUAL	EMRSS	5	
PINEGEN	416289	5405706	0.02477	346	346	0 ANNUAL	EMRSS	5	
PINEGEN	416289	5405506	0.02441	347.84	347.84	0 ANNUAL	EMRSS	5	
PINEGEN	416289	5405306	0.02397	351.47	351.47	0 ANNUAL	EMRSS	5	
PINEGEN	416289	5405106	0.02349	359.11	359.11	0 ANNUAL	EMRSS	5	
PINEGEN	416089	5405906	0.02436	348	348	0 ANNUAL	EMRSS	5	
PINEGEN	416089	5405706	0.02415	348	348	0 ANNUAL	EMRSS	5	
PINEGEN	416089	5405506	0.0238	347	347	0 ANNUAL	EMRSS	5	
PINEGEN	416089	5405306	0.02346	350.6	350.6	0 ANNUAL	EMRSS	5	
PINEGEN	416089	5405106	0.02302	361	361	0 ANNUAL	EMRSS	5	
PINEGEN	415889	5405906	0.02351	346	346	0 ANNUAL	EMRSS	5	
PINEGEN	415889	5405706	0.02345	348	348	0 ANNUAL	EMRSS	5	
PINEGEN	415889	5405506	0.02322	348	348	0 ANNUAL	EMRSS	5	
PINEGEN	415889	5405306	0.02308	356.47	356.47	0 ANNUAL	EMRSS	5	
PINEGEN	415889	5405106	0.02263	360	360	0 ANNUAL	EMRSS	5	
PINEGEN	415689	5405906	0.02278	347	347	0 ANNUAL	EMRSS	5	
PINEGEN	415689	5405706	0.02274	348	348	0 ANNUAL	EMRSS	5	
PINEGEN	415689	5405506	0.0226	348.64	348.64	0 ANNUAL	EMRSS	5	
PINEGEN	415689	5405306	0.02243	352.29	360	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
PINEGEN	415689	5405106	0.02217	357.88	357.88	0 ANNUAL	EMRSS	5
PINEGEN	415489	5405906	0.02204	347	347	0 ANNUAL	EMRSS	5
PINEGEN	415489	5405706	0.02204	348	348	0 ANNUAL	EMRSS	5
PINEGEN	415489	5405506	0.02194	348	348	0 ANNUAL	EMRSS	5
PINEGEN	415489	5405306	0.0218	350	350	0 ANNUAL	EMRSS	5
PINEGEN	415489	5405106	0.0216	353.88	353.88	0 ANNUAL	EMRSS	5
PINEGEN	415289	5405906	0.02129	346	346	0 ANNUAL	EMRSS	5
PINEGEN	415289	5405706	0.02132	347	347	0 ANNUAL	EMRSS	5
PINEGEN	415289	5405506	0.0213	348	348	0 ANNUAL	EMRSS	5
PINEGEN	415289	5405306	0.02119	349	349	0 ANNUAL	EMRSS	5
PINEGEN	415289	5405106	0.021	350	350	0 ANNUAL	EMRSS	5
PINEGEN	415089	5405906	0.02059	345.76	345.76	0 ANNUAL	EMRSS	5
PINEGEN	415089	5405706	0.02062	345.96	345.96	0 ANNUAL	EMRSS	5
PINEGEN	415089	5405506	0.0206	346	346	0 ANNUAL	EMRSS	5
PINEGEN	415089	5405306	0.02054	346.52	346.52	0 ANNUAL	EMRSS	5
PINEGEN	415089	5405106	0.02041	347.49	347.49	0 ANNUAL	EMRSS	5
PINEGEN	414889	5405906	0.01984	343	343	0 ANNUAL	EMRSS	5
PINEGEN	414889	5405706	0.01991	344	344	0 ANNUAL	EMRSS	5
PINEGEN	414889	5405506	0.01995	344.98	344.98	0 ANNUAL	EMRSS	5
PINEGEN	414889	5405306	0.01994	346	346	0 ANNUAL	EMRSS	5
PINEGEN	414889	5405106	0.01984	346.01	346.01	0 ANNUAL	EMRSS	5
PINEGEN	414689	5405906	0.01921	343	343	0 ANNUAL	EMRSS	5
PINEGEN	414689	5405706	0.01929	344	344	0 ANNUAL	EMRSS	5
PINEGEN	414689	5405506	0.01934	345	345	0 ANNUAL	EMRSS	5
PINEGEN	414689	5405306	0.01936	346	346	0 ANNUAL	EMRSS	5
PINEGEN	414689	5405106	0.01933	347	347	0 ANNUAL	EMRSS	5
PINEGEN	414489	5405906	0.01861	343	343	0 ANNUAL	EMRSS	5
PINEGEN	414489	5405706	0.01869	344	344	0 ANNUAL	EMRSS	5
PINEGEN	414489	5405506	0.01876	345	345	0 ANNUAL	EMRSS	5
PINEGEN	414489	5405306	0.01879	346	346	0 ANNUAL	EMRSS	5
PINEGEN	414489	5405106	0.01879	347	347	0 ANNUAL	EMRSS	5
PINEGEN	414289	5405906	0.01803	343	343	0 ANNUAL	EMRSS	5
PINEGEN	414289	5405706	0.01812	344	344	0 ANNUAL	EMRSS	5
PINEGEN	414289	5405506	0.01819	345.13	345.13	0 ANNUAL	EMRSS	5
PINEGEN	414289	5405306	0.01826	346.78	346.78	0 ANNUAL	EMRSS	5
PINEGEN	414289	5405106	0.01828	348	348	0 ANNUAL	EMRSS	5
PINEGEN	414089	5405906	0.01746	342.01	342.01	0 ANNUAL	EMRSS	5
PINEGEN	414089	5405706	0.01757	344	344	0 ANNUAL	EMRSS	5
PINEGEN	414089	5405506	0.01764	345	345	0 ANNUAL	EMRSS	5
PINEGEN	414089	5405306	0.01772	346.91	346.91	0 ANNUAL	EMRSS	5
PINEGEN	414089	5405106	0.01776	348	348	0 ANNUAL	EMRSS	5
PINEGEN	413889	5405906	0.01693	342	342	0 ANNUAL	EMRSS	5
PINEGEN	413889	5405706	0.01702	343	343	0 ANNUAL	EMRSS	5
PINEGEN	413889	5405506	0.01712	345	345	0 ANNUAL	EMRSS	5
PINEGEN	413889	5405306	0.01718	346	346	0 ANNUAL	EMRSS	5
PINEGEN	413889	5405106	0.01721	346	346	0 ANNUAL	EMRSS	5
PINEGEN	413689	5405906	0.01641	341	341	0 ANNUAL	EMRSS	5
PINEGEN	413689	5405706	0.0165	342	342	0 ANNUAL	EMRSS	5
PINEGEN	413689	5405506	0.0166	344	344	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
PINEGEN	413689	5405306	0.01665	344	344	0 ANNUAL	EMRSS	5
PINEGEN	413689	5405106	0.01666	343	343	0 ANNUAL	EMRSS	5
PINEGEN	413489	5405906	0.01593	341	341	0 ANNUAL	EMRSS	5
PINEGEN	413489	5405706	0.016	341	341	0 ANNUAL	EMRSS	5
PINEGEN	413489	5405506	0.0161	342.87	342.87	0 ANNUAL	EMRSS	5
PINEGEN	413489	5405306	0.01613	342	342	0 ANNUAL	EMRSS	5
PINEGEN	413489	5405106	0.01615	341	341	0 ANNUAL	EMRSS	5
PINEGEN	414289	5406106	0.01793	342	342	0 ANNUAL	EMRSS	5
PINEGEN	414289	5406306	0.01781	341	341	0 ANNUAL	EMRSS	5
PINEGEN	414289	5406506	0.01767	340	340	0 ANNUAL	EMRSS	5
PINEGEN	414289	5406706	0.01752	340	340	0 ANNUAL	EMRSS	5
PINEGEN	414289	5406906	0.0174	341	341	0 ANNUAL	EMRSS	5
PINEGEN	414289	5407906	0.0176	343	343	0 ANNUAL	EMRSS	5
PINEGEN	414289	5408106	0.01786	344	344	0 ANNUAL	EMRSS	5
PINEGEN	414289	5408306	0.01808	345	345	0 ANNUAL	EMRSS	5
PINEGEN	414289	5408506	0.01821	346	346	0 ANNUAL	EMRSS	5
PINEGEN	414289	5408706	0.0182	347	347	0 ANNUAL	EMRSS	5
PINEGEN	414289	5408906	0.01809	348.63	348.63	0 ANNUAL	EMRSS	5
PINEGEN	414289	5409106	0.01789	350	350	0 ANNUAL	EMRSS	5
PINEGEN	414089	5406106	0.01735	341	341	0 ANNUAL	EMRSS	5
PINEGEN	414089	5406306	0.01723	340	340	0 ANNUAL	EMRSS	5
PINEGEN	414089	5406506	0.0171	340	340	0 ANNUAL	EMRSS	5
PINEGEN	414089	5406706	0.01697	340.21	340.21	0 ANNUAL	EMRSS	5
PINEGEN	414089	5406906	0.01685	341	341	0 ANNUAL	EMRSS	5
PINEGEN	414089	5408106	0.0174	344	344	0 ANNUAL	EMRSS	5
PINEGEN	414089	5408306	0.01759	345	345	0 ANNUAL	EMRSS	5
PINEGEN	414089	5408506	0.01769	346	346	0 ANNUAL	EMRSS	5
PINEGEN	414089	5408706	0.01766	347	347	0 ANNUAL	EMRSS	5
PINEGEN	414089	5408906	0.01752	348	348	0 ANNUAL	EMRSS	5
PINEGEN	414089	5409106	0.01731	349	349	0 ANNUAL	EMRSS	5
PINEGEN	413889	5406106	0.01682	341	341	0 ANNUAL	EMRSS	5
PINEGEN	413889	5406306	0.0167	340	340	0 ANNUAL	EMRSS	5
PINEGEN	413889	5406506	0.01659	341	341	0 ANNUAL	EMRSS	5
PINEGEN	413889	5406706	0.01648	342	342	0 ANNUAL	EMRSS	5
PINEGEN	413889	5406906	0.01637	343	343	0 ANNUAL	EMRSS	5
PINEGEN	413889	5408106	0.01695	344	344	0 ANNUAL	EMRSS	5
PINEGEN	413889	5408306	0.01712	345	345	0 ANNUAL	EMRSS	5
PINEGEN	413889	5408506	0.01719	346	346	0 ANNUAL	EMRSS	5
PINEGEN	413889	5408706	0.01714	347	347	0 ANNUAL	EMRSS	5
PINEGEN	413889	5408906	0.01698	348	348	0 ANNUAL	EMRSS	5
PINEGEN	413889	5409106	0.01678	349	349	0 ANNUAL	EMRSS	5
PINEGEN	413689	5406106	0.0163	340	340	0 ANNUAL	EMRSS	5
PINEGEN	413689	5406306	0.01619	340	340	0 ANNUAL	EMRSS	5
PINEGEN	413689	5406506	0.01608	341	341	0 ANNUAL	EMRSS	5
PINEGEN	413689	5406706	0.01599	343	343	0 ANNUAL	EMRSS	5
PINEGEN	413689	5406906	0.01591	344.89	344.89	0 ANNUAL	EMRSS	5
PINEGEN	413689	5407106	0.01586	346	346	0 ANNUAL	EMRSS	5
PINEGEN	413689	5407306	0.01588	346	346	0 ANNUAL	EMRSS	5
PINEGEN	413689	5407506	0.01596	345	345	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
PINEGEN	413689	5407706	0.01612	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	413689	5407906	0.01631	343	343	0 ANNUAL	EMRSS	5	
PINEGEN	413689	5408106	0.01652	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	413689	5408306	0.01667	345	345	0 ANNUAL	EMRSS	5	
PINEGEN	413689	5408506	0.01673	346.97	346.97	0 ANNUAL	EMRSS	5	
PINEGEN	413689	5408706	0.01666	348	348	0 ANNUAL	EMRSS	5	
PINEGEN	413689	5408906	0.01648	348.18	348.18	0 ANNUAL	EMRSS	5	
PINEGEN	413689	5409106	0.01633	351.83	351.83	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5406106	0.01581	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5406306	0.0157	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5406506	0.01557	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5406706	0.01547	341.66	341.66	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5406906	0.01544	345	345	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5407106	0.01543	347	347	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5407306	0.01549	348	348	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5407506	0.01559	346.62	346.62	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5407706	0.01575	345	345	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5407906	0.01594	344.06	344.06	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5408106	0.01611	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5408306	0.01623	345	345	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5408506	0.01624	346	346	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5408706	0.01618	348	348	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5408906	0.01601	349	349	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5409106	0.01579	361.75	361.75	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5409606	0.01546	358	358	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5410106	0.01515	357	357	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5410606	0.01472	355	355	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5411106	0.01417	356	356	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5411606	0.01365	357	357	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5412106	0.01313	356	356	0 ANNUAL	EMRSS	5	
PINEGEN	413989	5409606	0.01653	361	361	0 ANNUAL	EMRSS	5	
PINEGEN	413989	5410106	0.01631	359	359	0 ANNUAL	EMRSS	5	
PINEGEN	413989	5410606	0.01583	357	357	0 ANNUAL	EMRSS	5	
PINEGEN	413989	5411106	0.01504	363.64	363.64	0 ANNUAL	EMRSS	5	
PINEGEN	413989	5411606	0.01444	363	363	0 ANNUAL	EMRSS	5	
PINEGEN	413989	5412106	0.01404	360	360	0 ANNUAL	EMRSS	5	
PINEGEN	414489	5409606	0.01801	357.99	357.99	0 ANNUAL	EMRSS	5	
PINEGEN	414489	5410106	0.01742	362.35	362.35	0 ANNUAL	EMRSS	5	
PINEGEN	414489	5410606	0.01708	359	359	0 ANNUAL	EMRSS	5	
PINEGEN	414489	5411106	0.01634	360	360	0 ANNUAL	EMRSS	5	
PINEGEN	414489	5411606	0.01561	361	361	0 ANNUAL	EMRSS	5	
PINEGEN	414489	5412106	0.01487	363	363	0 ANNUAL	EMRSS	5	
PINEGEN	414989	5409606	0.01943	352.32	352.32	0 ANNUAL	EMRSS	5	
PINEGEN	414989	5410106	0.019	360	360	0 ANNUAL	EMRSS	5	
PINEGEN	414989	5410606	0.01838	361	361	0 ANNUAL	EMRSS	5	
PINEGEN	414989	5411106	0.01744	364	364	0 ANNUAL	EMRSS	5	
PINEGEN	414989	5411606	0.01651	368	368	0 ANNUAL	EMRSS	5	
PINEGEN	414989	5412106	0.01587	366	366	0 ANNUAL	EMRSS	5	
PINEGEN	415489	5409606	0.02118	352	352	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
PINEGEN	415489	5410106	0.02063	355	355	0 ANNUAL	EMRSS	5
PINEGEN	415489	5410606	0.01992	361.86	361.86	0 ANNUAL	EMRSS	5
PINEGEN	415489	5411106	0.0188	366.4	366.4	0 ANNUAL	EMRSS	5
PINEGEN	415489	5411606	0.01777	370	370	0 ANNUAL	EMRSS	5
PINEGEN	415489	5412106	0.01697	370	370	0 ANNUAL	EMRSS	5
PINEGEN	415989	5409606	0.02325	353	353	0 ANNUAL	EMRSS	5
PINEGEN	415989	5410106	0.02249	353.31	353.31	0 ANNUAL	EMRSS	5
PINEGEN	415989	5410606	0.02183	360	360	0 ANNUAL	EMRSS	5
PINEGEN	415989	5411106	0.02067	362	362	0 ANNUAL	EMRSS	5
PINEGEN	415989	5411606	0.01982	360.33	360.33	0 ANNUAL	EMRSS	5
PINEGEN	415989	5412106	0.01855	367.9	367.9	0 ANNUAL	EMRSS	5
PINEGEN	416489	5409606	0.0256	352	352	0 ANNUAL	EMRSS	5
PINEGEN	416489	5410106	0.02473	354	354	0 ANNUAL	EMRSS	5
PINEGEN	416489	5410606	0.02383	353.47	353.47	0 ANNUAL	EMRSS	5
PINEGEN	416489	5411106	0.02226	368.67	369	0 ANNUAL	EMRSS	5
PINEGEN	416489	5411606	0.02175	359.36	359.36	0 ANNUAL	EMRSS	5
PINEGEN	416489	5412106	0.02084	360.18	360.18	0 ANNUAL	EMRSS	5
PINEGEN	416989	5409606	0.02825	349.41	349.41	0 ANNUAL	EMRSS	5
PINEGEN	416989	5410106	0.02721	351	351	0 ANNUAL	EMRSS	5
PINEGEN	416989	5410606	0.02608	349	349	0 ANNUAL	EMRSS	5
PINEGEN	416989	5411106	0.02501	355.37	355.37	0 ANNUAL	EMRSS	5
PINEGEN	416989	5411606	0.02369	361.02	361.02	0 ANNUAL	EMRSS	5
PINEGEN	416989	5412106	0.02294	360	360	0 ANNUAL	EMRSS	5
PINEGEN	417489	5409606	0.03135	347	347	0 ANNUAL	EMRSS	5
PINEGEN	417489	5410106	0.03003	347	347	0 ANNUAL	EMRSS	5
PINEGEN	417489	5410606	0.02886	348	348	0 ANNUAL	EMRSS	5
PINEGEN	417489	5411106	0.02739	349	349	0 ANNUAL	EMRSS	5
PINEGEN	417489	5411606	0.02577	365.28	365.28	0 ANNUAL	EMRSS	5
PINEGEN	417489	5412106	0.02455	369.67	369.67	0 ANNUAL	EMRSS	5
PINEGEN	417989	5409606	0.03502	345	345	0 ANNUAL	EMRSS	5
PINEGEN	417989	5410106	0.03359	346	346	0 ANNUAL	EMRSS	5
PINEGEN	417989	5410606	0.03217	347	347	0 ANNUAL	EMRSS	5
PINEGEN	417989	5411106	0.0305	349	349	0 ANNUAL	EMRSS	5
PINEGEN	417989	5411606	0.02931	357.92	357.92	0 ANNUAL	EMRSS	5
PINEGEN	417989	5412106	0.02771	366	366	0 ANNUAL	EMRSS	5
PINEGEN	418489	5409606	0.03956	345	345	0 ANNUAL	EMRSS	5
PINEGEN	418489	5410106	0.03799	346	346	0 ANNUAL	EMRSS	5
PINEGEN	418489	5410606	0.03624	347	347	0 ANNUAL	EMRSS	5
PINEGEN	418989	5409606	0.0454	348	348	0 ANNUAL	EMRSS	5
PINEGEN	418989	5410106	0.04377	349	349	0 ANNUAL	EMRSS	5
PINEGEN	418989	5410606	0.04163	351	351	0 ANNUAL	EMRSS	5
PINEGEN	419489	5409606	0.05259	351.16	351.16	0 ANNUAL	EMRSS	5
PINEGEN	419489	5410106	0.05145	355.27	355.27	0 ANNUAL	EMRSS	5
PINEGEN	419489	5410606	0.0485	356	356	0 ANNUAL	EMRSS	5
PINEGEN	417989	5409106	0.03507	344	344	0 ANNUAL	EMRSS	5
PINEGEN	417989	5408606	0.03418	343	343	0 ANNUAL	EMRSS	5
PINEGEN	417989	5408106	0.03441	341	341	0 ANNUAL	EMRSS	5
PINEGEN	417989	5407606	0.03508	341	341	0 ANNUAL	EMRSS	5
PINEGEN	417989	5407106	0.03526	342	342	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
PINEGEN	417989	5406606	0.03412	342	342	0 ANNUAL	EMRSS	5
PINEGEN	417989	5406106	0.03164	343.99	343.99	0 ANNUAL	EMRSS	5
PINEGEN	417989	5405606	0.02864	348	348	0 ANNUAL	EMRSS	5
PINEGEN	417989	5405106	0.026	354	354	0 ANNUAL	EMRSS	5
PINEGEN	417989	5404606	0.02372	359.29	359.29	0 ANNUAL	EMRSS	5
PINEGEN	417989	5404106	0.02151	353.81	353.81	0 ANNUAL	EMRSS	5
PINEGEN	417989	5403606	0.01969	345	345	0 ANNUAL	EMRSS	5
PINEGEN	417989	5403106	0.01898	356.37	356.37	0 ANNUAL	EMRSS	5
PINEGEN	417989	5402606	0.01828	354	354	0 ANNUAL	EMRSS	5
PINEGEN	417989	5402106	0.01763	352.54	352.54	0 ANNUAL	EMRSS	5
PINEGEN	418489	5409106	0.03927	344.89	344.89	0 ANNUAL	EMRSS	5
PINEGEN	418489	5408606	0.0386	344	344	0 ANNUAL	EMRSS	5
PINEGEN	418489	5408106	0.03904	341	341	0 ANNUAL	EMRSS	5
PINEGEN	418489	5407606	0.03967	342	342	0 ANNUAL	EMRSS	5
PINEGEN	418489	5407106	0.03913	343	343	0 ANNUAL	EMRSS	5
PINEGEN	418489	5406606	0.03659	343	343	0 ANNUAL	EMRSS	5
PINEGEN	418489	5406106	0.03306	346	346	0 ANNUAL	EMRSS	5
PINEGEN	418489	5405606	0.02931	343	343	0 ANNUAL	EMRSS	5
PINEGEN	418489	5405106	0.02649	345.29	345.29	0 ANNUAL	EMRSS	5
PINEGEN	418489	5404606	0.02415	349	349	0 ANNUAL	EMRSS	5
PINEGEN	418489	5404106	0.02248	356.33	356.33	0 ANNUAL	EMRSS	5
PINEGEN	418489	5403606	0.02098	345.46	345.46	0 ANNUAL	EMRSS	5
PINEGEN	418489	5403106	0.02052	358.05	358.05	0 ANNUAL	EMRSS	5
PINEGEN	418489	5402606	0.01957	363.83	370	0 ANNUAL	EMRSS	5
PINEGEN	418489	5402106	0.01867	358	358	0 ANNUAL	EMRSS	5
PINEGEN	418989	5409106	0.04455	347	347	0 ANNUAL	EMRSS	5
PINEGEN	418989	5408606	0.04421	345	345	0 ANNUAL	EMRSS	5
PINEGEN	418989	5408106	0.04477	342	342	0 ANNUAL	EMRSS	5
PINEGEN	418989	5407606	0.04491	343	343	0 ANNUAL	EMRSS	5
PINEGEN	418989	5407106	0.04305	346	346	0 ANNUAL	EMRSS	5
PINEGEN	418989	5406606	0.03887	347	347	0 ANNUAL	EMRSS	5
PINEGEN	418989	5406106	0.03433	347	347	0 ANNUAL	EMRSS	5
PINEGEN	418989	5405606	0.03076	350.74	350.74	0 ANNUAL	EMRSS	5
PINEGEN	418989	5405106	0.02747	347	347	0 ANNUAL	EMRSS	5
PINEGEN	418989	5404606	0.02539	352	352	0 ANNUAL	EMRSS	5
PINEGEN	418989	5404106	0.02406	355.19	355.19	0 ANNUAL	EMRSS	5
PINEGEN	418989	5403606	0.02312	358	358	0 ANNUAL	EMRSS	5
PINEGEN	418989	5403106	0.02198	356	356	0 ANNUAL	EMRSS	5
PINEGEN	418989	5402606	0.02065	357	357	0 ANNUAL	EMRSS	5
PINEGEN	418989	5402106	0.01903	361.55	371	0 ANNUAL	EMRSS	5
PINEGEN	419489	5409106	0.05112	348	348	0 ANNUAL	EMRSS	5
PINEGEN	419489	5408606	0.05136	346	346	0 ANNUAL	EMRSS	5
PINEGEN	419489	5408106	0.05156	342	342	0 ANNUAL	EMRSS	5
PINEGEN	419489	5407606	0.05032	343.15	343.15	0 ANNUAL	EMRSS	5
PINEGEN	419489	5407106	0.04616	346	346	0 ANNUAL	EMRSS	5
PINEGEN	419489	5406606	0.04067	348.32	348.32	0 ANNUAL	EMRSS	5
PINEGEN	419489	5405606	0.03211	354	354	0 ANNUAL	EMRSS	5
PINEGEN	419489	5405106	0.029	349	349	0 ANNUAL	EMRSS	5
PINEGEN	419489	5404606	0.02734	351	351	0 ANNUAL	EMRSS	5



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
PINEGEN	419489	5404106	0.02615	354	354	0 ANNUAL	EMRSS	5
PINEGEN	419489	5403606	0.0247	355	355	0 ANNUAL	EMRSS	5
PINEGEN	419489	5403106	0.02292	355	355	0 ANNUAL	EMRSS	5
PINEGEN	419489	5402606	0.021	355	355	0 ANNUAL	EMRSS	5
PINEGEN	419489	5402106	0.01915	355	355	0 ANNUAL	EMRSS	5
PINEGEN	419989	5409106	0.05991	350	350	0 ANNUAL	EMRSS	5
PINEGEN	419989	5406606	0.04237	348	348	0 ANNUAL	EMRSS	5
PINEGEN	419989	5405606	0.03416	357	357	0 ANNUAL	EMRSS	5
PINEGEN	419989	5405106	0.03162	351.23	351.23	0 ANNUAL	EMRSS	5
PINEGEN	419989	5404606	0.02968	348	348	0 ANNUAL	EMRSS	5
PINEGEN	419989	5404106	0.02785	351.63	351.63	0 ANNUAL	EMRSS	5
PINEGEN	419989	5403606	0.02551	352	352	0 ANNUAL	EMRSS	5
PINEGEN	419989	5403106	0.02315	353	353	0 ANNUAL	EMRSS	5
PINEGEN	419989	5402606	0.021	356	356	0 ANNUAL	EMRSS	5
PINEGEN	419989	5402106	0.0191	358.53	358.53	0 ANNUAL	EMRSS	5
PINEGEN	420489	5409106	0.07137	350	350	0 ANNUAL	EMRSS	5
PINEGEN	420489	5408606	0.07149	345.95	345.95	0 ANNUAL	EMRSS	5
PINEGEN	420489	5408106	0.0676	343	343	0 ANNUAL	EMRSS	5
PINEGEN	420489	5405606	0.03739	356	356	0 ANNUAL	EMRSS	5
PINEGEN	420489	5405106	0.03483	354.81	354.81	0 ANNUAL	EMRSS	5
PINEGEN	420489	5404606	0.03163	349	349	0 ANNUAL	EMRSS	5
PINEGEN	420489	5404106	0.02893	358	358	0 ANNUAL	EMRSS	5
PINEGEN	420489	5403606	0.02584	360	360	0 ANNUAL	EMRSS	5
PINEGEN	420489	5403106	0.02316	357.19	357.19	0 ANNUAL	EMRSS	5
PINEGEN	420489	5402606	0.02089	357	357	0 ANNUAL	EMRSS	5
PINEGEN	420489	5402106	0.01901	360	360	0 ANNUAL	EMRSS	5
PINEGEN	417489	5404606	0.02296	360	360	0 ANNUAL	EMRSS	5
PINEGEN	417489	5404106	0.02081	349	349	0 ANNUAL	EMRSS	5
PINEGEN	417489	5403606	0.01912	350	350	0 ANNUAL	EMRSS	5
PINEGEN	417489	5403106	0.01766	345	345	0 ANNUAL	EMRSS	5
PINEGEN	417489	5402606	0.01691	349	349	0 ANNUAL	EMRSS	5
PINEGEN	417489	5402106	0.01649	355	355	0 ANNUAL	EMRSS	5
PINEGEN	416989	5404606	0.0223	356.24	356.24	0 ANNUAL	EMRSS	5
PINEGEN	416989	5404106	0.0202	347.17	347.17	0 ANNUAL	EMRSS	5
PINEGEN	416989	5403606	0.01856	346	346	0 ANNUAL	EMRSS	5
PINEGEN	416989	5403106	0.01711	346	346	0 ANNUAL	EMRSS	5
PINEGEN	416989	5402606	0.01596	345	345	0 ANNUAL	EMRSS	5
PINEGEN	416989	5402106	0.01526	347	347	0 ANNUAL	EMRSS	5
PINEGEN	416489	5404606	0.02159	350.43	350.43	0 ANNUAL	EMRSS	5
PINEGEN	416489	5404106	0.01967	348	348	0 ANNUAL	EMRSS	5
PINEGEN	416489	5403606	0.01814	348	348	0 ANNUAL	EMRSS	5
PINEGEN	416489	5403106	0.01676	347	347	0 ANNUAL	EMRSS	5
PINEGEN	416489	5402606	0.01548	345	345	0 ANNUAL	EMRSS	5
PINEGEN	416489	5402106	0.01452	346	346	0 ANNUAL	EMRSS	5
PINEGEN	415989	5404606	0.02121	358.85	358.85	0 ANNUAL	EMRSS	5
PINEGEN	415989	5404106	0.01932	353.53	353.53	0 ANNUAL	EMRSS	5
PINEGEN	415989	5403606	0.01769	348.94	348.94	0 ANNUAL	EMRSS	5
PINEGEN	415989	5403106	0.01638	347	347	0 ANNUAL	EMRSS	5
PINEGEN	415989	5402606	0.01518	344.77	344.77	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr Num	Year	Net ID
PINEGEN	415989	5402106	0.01409	344	344	0 ANNUAL	EMRSS	5
PINEGEN	415489	5404606	0.02035	350.18	350.18	0 ANNUAL	EMRSS	5
PINEGEN	415489	5404106	0.01881	349.74	349.74	0 ANNUAL	EMRSS	5
PINEGEN	415489	5403606	0.01725	348	348	0 ANNUAL	EMRSS	5
PINEGEN	415489	5403106	0.01596	347	347	0 ANNUAL	EMRSS	5
PINEGEN	415489	5402606	0.01486	345	345	0 ANNUAL	EMRSS	5
PINEGEN	415489	5402106	0.01383	343	343	0 ANNUAL	EMRSS	5
PINEGEN	414989	5404606	0.01947	348.54	348.54	0 ANNUAL	EMRSS	5
PINEGEN	414989	5404106	0.01831	349	349	0 ANNUAL	EMRSS	5
PINEGEN	414989	5403606	0.01688	347	347	0 ANNUAL	EMRSS	5
PINEGEN	414989	5403106	0.01555	345	345	0 ANNUAL	EMRSS	5
PINEGEN	414989	5402606	0.01448	344	344	0 ANNUAL	EMRSS	5
PINEGEN	414989	5402106	0.01355	342	342	0 ANNUAL	EMRSS	5
PINEGEN	414489	5404606	0.0185	349.15	349.15	0 ANNUAL	EMRSS	5
PINEGEN	414489	5404106	0.01771	349	349	0 ANNUAL	EMRSS	5
PINEGEN	414489	5403606	0.01653	347	347	0 ANNUAL	EMRSS	5
PINEGEN	414489	5403106	0.0152	342.37	342.37	0 ANNUAL	EMRSS	5
PINEGEN	414489	5402606	0.01411	342	342	0 ANNUAL	EMRSS	5
PINEGEN	414489	5402106	0.01322	341	341	0 ANNUAL	EMRSS	5
PINEGEN	413989	5404606	0.01744	350	350	0 ANNUAL	EMRSS	5
PINEGEN	413989	5404106	0.01699	350	350	0 ANNUAL	EMRSS	5
PINEGEN	413989	5403606	0.01609	346.63	346.63	0 ANNUAL	EMRSS	5
PINEGEN	413989	5403106	0.01491	341	341	0 ANNUAL	EMRSS	5
PINEGEN	413989	5402606	0.01381	340	340	0 ANNUAL	EMRSS	5
PINEGEN	413989	5402106	0.01294	343	343	0 ANNUAL	EMRSS	5
PINEGEN	413489	5404606	0.01615	340	340	0 ANNUAL	EMRSS	5
PINEGEN	413489	5404106	0.01609	347.02	347.02	0 ANNUAL	EMRSS	5
PINEGEN	413489	5403606	0.01551	345	345	0 ANNUAL	EMRSS	5
PINEGEN	413489	5403106	0.01458	340	340	0 ANNUAL	EMRSS	5
PINEGEN	413489	5402606	0.01361	341	341	0 ANNUAL	EMRSS	5
PINEGEN	413489	5402106	0.01272	344.46	344.46	0 ANNUAL	EMRSS	5
PINEGEN	412989	5404606	0.01509	339	339	0 ANNUAL	EMRSS	5
PINEGEN	412989	5404106	0.01505	339	339	0 ANNUAL	EMRSS	5
PINEGEN	412989	5403606	0.01474	338.18	338.18	0 ANNUAL	EMRSS	5
PINEGEN	412989	5403106	0.0142	341	341	0 ANNUAL	EMRSS	5
PINEGEN	412989	5402606	0.01342	344	344	0 ANNUAL	EMRSS	5
PINEGEN	412989	5402106	0.01254	346	346	0 ANNUAL	EMRSS	5
PINEGEN	412489	5404606	0.01411	338	338	0 ANNUAL	EMRSS	5
PINEGEN	412489	5404106	0.01416	338.86	338.86	0 ANNUAL	EMRSS	5
PINEGEN	412489	5403606	0.01408	341	341	0 ANNUAL	EMRSS	5
PINEGEN	412489	5403106	0.01375	343.96	343.96	0 ANNUAL	EMRSS	5
PINEGEN	412489	5402606	0.01318	348	348	0 ANNUAL	EMRSS	5
PINEGEN	412489	5402106	0.01238	348	348	0 ANNUAL	EMRSS	5
PINEGEN	411989	5404606	0.01324	339	339	0 ANNUAL	EMRSS	5
PINEGEN	411989	5404106	0.01328	337	337	0 ANNUAL	EMRSS	5
PINEGEN	411989	5403606	0.0133	339	339	0 ANNUAL	EMRSS	5
PINEGEN	411989	5403106	0.01316	342.3	342.3	0 ANNUAL	EMRSS	5
PINEGEN	411989	5402606	0.01283	351	351	0 ANNUAL	EMRSS	5
PINEGEN	411989	5402106	0.01217	349	349	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
PINEGEN	411489	5404606	0.01246	340.02	340.02	0 ANNUAL	EMRSS	5
PINEGEN	411489	5404106	0.01245	335	335	0 ANNUAL	EMRSS	5
PINEGEN	411489	5403606	0.01256	339	339	0 ANNUAL	EMRSS	5
PINEGEN	411489	5403106	0.01254	343	343	0 ANNUAL	EMRSS	5
PINEGEN	411489	5402606	0.01235	348	348	0 ANNUAL	EMRSS	5
PINEGEN	411489	5402106	0.01187	348	348	0 ANNUAL	EMRSS	5
PINEGEN	410989	5404606	0.01173	340	340	0 ANNUAL	EMRSS	5
PINEGEN	410989	5404106	0.01175	336	336	0 ANNUAL	EMRSS	5
PINEGEN	410989	5403606	0.01185	339	339	0 ANNUAL	EMRSS	5
PINEGEN	410989	5403106	0.0119	343	343	0 ANNUAL	EMRSS	5
PINEGEN	410989	5402606	0.01183	347	347	0 ANNUAL	EMRSS	5
PINEGEN	410989	5402106	0.0115	346	346	0 ANNUAL	EMRSS	5
PINEGEN	410489	5404606	0.01107	341	341	0 ANNUAL	EMRSS	5
PINEGEN	410489	5404106	0.01107	335	335	0 ANNUAL	EMRSS	5
PINEGEN	410489	5403606	0.01116	337.41	337.41	0 ANNUAL	EMRSS	5
PINEGEN	410489	5403106	0.01132	347	347	0 ANNUAL	EMRSS	5
PINEGEN	410489	5402606	0.01129	348.05	348.05	0 ANNUAL	EMRSS	5
PINEGEN	410489	5402106	0.01111	348	348	0 ANNUAL	EMRSS	5
PINEGEN	412989	5405106	0.01503	340	340	0 ANNUAL	EMRSS	5
PINEGEN	412989	5405606	0.01489	339	339	0 ANNUAL	EMRSS	5
PINEGEN	412989	5406106	0.01473	342.28	342.28	0 ANNUAL	EMRSS	5
PINEGEN	412989	5406606	0.01453	348.53	367	0 ANNUAL	EMRSS	5
PINEGEN	412989	5407106	0.01452	353	353	0 ANNUAL	EMRSS	5
PINEGEN	412989	5407606	0.0148	348	348	0 ANNUAL	EMRSS	5
PINEGEN	412989	5408106	0.01518	346	346	0 ANNUAL	EMRSS	5
PINEGEN	412989	5408606	0.01513	347.82	347.82	0 ANNUAL	EMRSS	5
PINEGEN	412989	5409106	0.01482	359	359	0 ANNUAL	EMRSS	5
PINEGEN	412989	5409606	0.0143	361	361	0 ANNUAL	EMRSS	5
PINEGEN	412989	5410106	0.01417	359	359	0 ANNUAL	EMRSS	5
PINEGEN	412989	5410606	0.01375	355	355	0 ANNUAL	EMRSS	5
PINEGEN	412989	5411106	0.01324	354	354	0 ANNUAL	EMRSS	5
PINEGEN	412989	5411606	0.01278	356	356	0 ANNUAL	EMRSS	5
PINEGEN	412989	5412106	0.01235	359	359	0 ANNUAL	EMRSS	5
PINEGEN	412489	5405106	0.01405	340	340	0 ANNUAL	EMRSS	5
PINEGEN	412489	5405606	0.01392	341	341	0 ANNUAL	EMRSS	5
PINEGEN	412489	5406106	0.01374	345	345	0 ANNUAL	EMRSS	5
PINEGEN	412489	5406606	0.01353	348	348	0 ANNUAL	EMRSS	5
PINEGEN	412489	5407106	0.01358	348	348	0 ANNUAL	EMRSS	5
PINEGEN	412489	5407606	0.01399	348	348	0 ANNUAL	EMRSS	5
PINEGEN	412489	5408106	0.0143	348	348	0 ANNUAL	EMRSS	5
PINEGEN	412489	5408606	0.01416	350	350	0 ANNUAL	EMRSS	5
PINEGEN	412489	5409106	0.01377	355	355	0 ANNUAL	EMRSS	5
PINEGEN	412489	5409606	0.01347	358.02	358.02	0 ANNUAL	EMRSS	5
PINEGEN	412489	5410106	0.01324	356.55	356.55	0 ANNUAL	EMRSS	5
PINEGEN	412489	5410606	0.01285	352	352	0 ANNUAL	EMRSS	5
PINEGEN	412489	5411106	0.01242	354	354	0 ANNUAL	EMRSS	5
PINEGEN	412489	5411606	0.01203	358.99	358.99	0 ANNUAL	EMRSS	5
PINEGEN	412489	5412106	0.01158	360	360	0 ANNUAL	EMRSS	5
PINEGEN	411989	5405106	0.01319	342	342	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
PINEGEN	411989	5405606	0.01303	342	342	0 ANNUAL	EMRSS	5
PINEGEN	411989	5406106	0.01278	343	343	0 ANNUAL	EMRSS	5
PINEGEN	411989	5406606	0.01261	344	344	0 ANNUAL	EMRSS	5
PINEGEN	411989	5407106	0.01281	346	346	0 ANNUAL	EMRSS	5
PINEGEN	411989	5407606	0.01324	347	347	0 ANNUAL	EMRSS	5
PINEGEN	411989	5408106	0.01347	349	349	0 ANNUAL	EMRSS	5
PINEGEN	411989	5408606	0.01325	351.14	351.14	0 ANNUAL	EMRSS	5
PINEGEN	411989	5409106	0.01288	355	355	0 ANNUAL	EMRSS	5
PINEGEN	411989	5409606	0.01255	351	351	0 ANNUAL	EMRSS	5
PINEGEN	411989	5410106	0.01236	350	350	0 ANNUAL	EMRSS	5
PINEGEN	411989	5410606	0.01205	350	350	0 ANNUAL	EMRSS	5
PINEGEN	411989	5411106	0.0117	356	356	0 ANNUAL	EMRSS	5
PINEGEN	411989	5411606	0.0113	360	360	0 ANNUAL	EMRSS	5
PINEGEN	411989	5412106	0.01095	358.84	358.84	0 ANNUAL	EMRSS	5
PINEGEN	411489	5405106	0.01238	342	342	0 ANNUAL	EMRSS	5
PINEGEN	411489	5405606	0.01221	344	344	0 ANNUAL	EMRSS	5
PINEGEN	411489	5406106	0.01199	346	346	0 ANNUAL	EMRSS	5
PINEGEN	411489	5406606	0.01191	347	347	0 ANNUAL	EMRSS	5
PINEGEN	411489	5407106	0.01218	348	348	0 ANNUAL	EMRSS	5
PINEGEN	411489	5407606	0.01257	348	348	0 ANNUAL	EMRSS	5
PINEGEN	411489	5408106	0.01268	349	349	0 ANNUAL	EMRSS	5
PINEGEN	411489	5408606	0.01242	352	352	0 ANNUAL	EMRSS	5
PINEGEN	411489	5409106	0.01202	350	350	0 ANNUAL	EMRSS	5
PINEGEN	411489	5409606	0.01179	350	350	0 ANNUAL	EMRSS	5
PINEGEN	411489	5410106	0.01164	350	350	0 ANNUAL	EMRSS	5
PINEGEN	411489	5410606	0.01134	349	349	0 ANNUAL	EMRSS	5
PINEGEN	411489	5411106	0.01101	353.73	353.73	0 ANNUAL	EMRSS	5
PINEGEN	411489	5411606	0.01069	358	358	0 ANNUAL	EMRSS	5
PINEGEN	411489	5412106	0.01031	355	355	0 ANNUAL	EMRSS	5
PINEGEN	410989	5405106	0.01163	342	342	0 ANNUAL	EMRSS	5
PINEGEN	410989	5405606	0.01144	344	344	0 ANNUAL	EMRSS	5
PINEGEN	410989	5406106	0.01125	346	346	0 ANNUAL	EMRSS	5
PINEGEN	410989	5406606	0.01127	347	347	0 ANNUAL	EMRSS	5
PINEGEN	410989	5407106	0.01161	349	349	0 ANNUAL	EMRSS	5
PINEGEN	410989	5407606	0.01196	350	350	0 ANNUAL	EMRSS	5
PINEGEN	410989	5408106	0.01196	350	350	0 ANNUAL	EMRSS	5
PINEGEN	410989	5408606	0.01165	351	351	0 ANNUAL	EMRSS	5
PINEGEN	410989	5409106	0.01128	348	348	0 ANNUAL	EMRSS	5
PINEGEN	410989	5409606	0.01112	350	350	0 ANNUAL	EMRSS	5
PINEGEN	410989	5410106	0.01098	350	350	0 ANNUAL	EMRSS	5
PINEGEN	410989	5410606	0.0107	348	348	0 ANNUAL	EMRSS	5
PINEGEN	410989	5411106	0.0104	353	353	0 ANNUAL	EMRSS	5
PINEGEN	410989	5411606	0.01008	354	354	0 ANNUAL	EMRSS	5
PINEGEN	410989	5412106	0.00973	350.65	350.65	0 ANNUAL	EMRSS	5
PINEGEN	410489	5405106	0.01093	342	342	0 ANNUAL	EMRSS	5
PINEGEN	410489	5405606	0.01073	344	344	0 ANNUAL	EMRSS	5
PINEGEN	410489	5406106	0.01059	345	345	0 ANNUAL	EMRSS	5
PINEGEN	410489	5406606	0.01072	347	347	0 ANNUAL	EMRSS	5
PINEGEN	410489	5407106	0.01107	348	348	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
PINEGEN	410489	5407606	0.01134	349	349	0 ANNUAL	EMRSS	5	
PINEGEN	410489	5408106	0.01127	350	350	0 ANNUAL	EMRSS	5	
PINEGEN	410489	5408606	0.01093	348	348	0 ANNUAL	EMRSS	5	
PINEGEN	410489	5409106	0.01061	346	346	0 ANNUAL	EMRSS	5	
PINEGEN	410489	5409606	0.01047	346	346	0 ANNUAL	EMRSS	5	
PINEGEN	410489	5410106	0.01036	347	347	0 ANNUAL	EMRSS	5	
PINEGEN	410489	5410606	0.01012	347.45	347.45	0 ANNUAL	EMRSS	5	
PINEGEN	410489	5411106	0.00982	349.99	349.99	0 ANNUAL	EMRSS	5	
PINEGEN	410489	5411606	0.00947	344.49	344.49	0 ANNUAL	EMRSS	5	
PINEGEN	410489	5412106	0.00922	349	349	0 ANNUAL	EMRSS	5	
PINEGEN	410489	5413106	0.00877	353.38	353.38	0 ANNUAL	EMRSS	5	
PINEGEN	410489	5414106	0.00873	361.45	361.45	0 ANNUAL	EMRSS	5	
PINEGEN	410489	5415106	0.00877	361	361	0 ANNUAL	EMRSS	5	
PINEGEN	410489	5416106	0.00854	366	366	0 ANNUAL	EMRSS	5	
PINEGEN	410489	5417106	0.0091	369	369	0 ANNUAL	EMRSS	5	
PINEGEN	411489	5413106	0.00977	350	350	0 ANNUAL	EMRSS	5	
PINEGEN	411489	5414106	0.00988	357	357	0 ANNUAL	EMRSS	5	
PINEGEN	411489	5415106	0.0098	354.84	354.84	0 ANNUAL	EMRSS	5	
PINEGEN	411489	5416106	0.00997	358	358	0 ANNUAL	EMRSS	5	
PINEGEN	411489	5417106	0.01069	365	365	0 ANNUAL	EMRSS	5	
PINEGEN	412489	5413106	0.01108	360	360	0 ANNUAL	EMRSS	5	
PINEGEN	412489	5414106	0.01118	358.08	358.08	0 ANNUAL	EMRSS	5	
PINEGEN	412489	5415106	0.01099	348.91	348.91	0 ANNUAL	EMRSS	5	
PINEGEN	412489	5416106	0.01159	350	350	0 ANNUAL	EMRSS	5	
PINEGEN	412489	5417106	0.01232	354	354	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5413106	0.01271	359.42	359.42	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5414106	0.01256	365.93	365.93	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5415106	0.01274	354.21	354.21	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5416106	0.01373	350	350	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5417106	0.01397	352	352	0 ANNUAL	EMRSS	5	
PINEGEN	414489	5413106	0.01432	370	370	0 ANNUAL	EMRSS	5	
PINEGEN	414489	5414106	0.01439	368.83	368.83	0 ANNUAL	EMRSS	5	
PINEGEN	414489	5415106	0.01493	365.71	365.71	0 ANNUAL	EMRSS	5	
PINEGEN	414489	5416106	0.01617	350	350	0 ANNUAL	EMRSS	5	
PINEGEN	414489	5417106	0.01611	351	351	0 ANNUAL	EMRSS	5	
PINEGEN	415489	5413106	0.01685	369.94	369.94	0 ANNUAL	EMRSS	5	
PINEGEN	415489	5414106	0.01644	379	379	0 ANNUAL	EMRSS	5	
PINEGEN	415489	5415106	0.01833	370	370	0 ANNUAL	EMRSS	5	
PINEGEN	415489	5416106	0.01886	362.74	362.74	0 ANNUAL	EMRSS	5	
PINEGEN	415489	5417106	0.01942	355.43	355.43	0 ANNUAL	EMRSS	5	
PINEGEN	416489	5413106	0.02041	364	364	0 ANNUAL	EMRSS	5	
PINEGEN	416489	5414106	0.01926	388.13	388.13	0 ANNUAL	EMRSS	5	
PINEGEN	416489	5415106	0.02255	368	368	0 ANNUAL	EMRSS	5	
PINEGEN	416489	5416106	0.02283	361	361	0 ANNUAL	EMRSS	5	
PINEGEN	416489	5417106	0.02346	361.66	361.66	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5413106	0.02486	364.93	370	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5414106	0.02655	367	367	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5415106	0.02633	380	380	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5416106	0.02827	369	369	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
PINEGEN	417489	5417106	0.02689	369.28	369.28	0 ANNUAL	EMRSS	5
PINEGEN	418489	5414106	0.0345	369	369	0 ANNUAL	EMRSS	5
PINEGEN	418489	5415106	0.03388	379.99	379.99	0 ANNUAL	EMRSS	5
PINEGEN	418489	5416106	0.03429	372	372	0 ANNUAL	EMRSS	5
PINEGEN	418489	5417106	0.03095	364.25	364.25	0 ANNUAL	EMRSS	5
PINEGEN	419489	5413106	0.04126	379.3	379.3	0 ANNUAL	EMRSS	5
PINEGEN	419489	5414106	0.04467	372	372	0 ANNUAL	EMRSS	5
PINEGEN	419489	5415106	0.04444	380.64	380.64	0 ANNUAL	EMRSS	5
PINEGEN	419489	5416106	0.03735	388	388	0 ANNUAL	EMRSS	5
PINEGEN	419489	5417106	0.03697	377.72	377.72	0 ANNUAL	EMRSS	5
PINEGEN	420489	5414106	0.06141	379.98	379.98	0 ANNUAL	EMRSS	5
PINEGEN	420489	5415106	0.05361	380	380	0 ANNUAL	EMRSS	5
PINEGEN	420489	5416106	0.04804	388.43	388.43	0 ANNUAL	EMRSS	5
PINEGEN	420489	5417106	0.04445	391.83	391.83	0 ANNUAL	EMRSS	5
PINEGEN	421489	5415106	0.07282	380.87	380.87	0 ANNUAL	EMRSS	5
PINEGEN	421489	5416106	0.06175	390.79	398	0 ANNUAL	EMRSS	5
PINEGEN	421489	5417106	0.05116	391.78	391.78	0 ANNUAL	EMRSS	5
PINEGEN	422489	5415106	0.09236	387.48	387.48	0 ANNUAL	EMRSS	5
PINEGEN	422489	5416106	0.07375	392	392	0 ANNUAL	EMRSS	5
PINEGEN	422489	5417106	0.05762	400.18	400.18	0 ANNUAL	EMRSS	5
PINEGEN	423489	5415106	0.10579	394.52	394.52	0 ANNUAL	EMRSS	5
PINEGEN	423489	5416106	0.07985	394	394	0 ANNUAL	EMRSS	5
PINEGEN	423489	5417106	0.06525	389	389	0 ANNUAL	EMRSS	5
PINEGEN	424489	5415106	0.11771	393.34	393.34	0 ANNUAL	EMRSS	5
PINEGEN	424489	5416106	0.09405	384	384	0 ANNUAL	EMRSS	5
PINEGEN	424489	5417106	0.0749	377	377	0 ANNUAL	EMRSS	5
PINEGEN	425489	5415106	0.135	378	378	0 ANNUAL	EMRSS	5
PINEGEN	425489	5416106	0.09994	377.78	377.78	0 ANNUAL	EMRSS	5
PINEGEN	425489	5417106	0.07726	377.38	377.38	0 ANNUAL	EMRSS	5
PINEGEN	421489	5408106	0.08274	351	351	0 ANNUAL	EMRSS	5
PINEGEN	421489	5407106	0.06034	358	358	0 ANNUAL	EMRSS	5
PINEGEN	421489	5404106	0.02894	359	359	0 ANNUAL	EMRSS	5
PINEGEN	421489	5403106	0.02336	364	364	0 ANNUAL	EMRSS	5
PINEGEN	421489	5402106	0.0201	365	365	0 ANNUAL	EMRSS	5
PINEGEN	421489	5401106	0.01734	369.45	369.45	0 ANNUAL	EMRSS	5
PINEGEN	421489	5400106	0.01531	362	362	0 ANNUAL	EMRSS	5
PINEGEN	421489	5399106	0.01359	359	359	0 ANNUAL	EMRSS	5
PINEGEN	421489	5398106	0.01179	370	370	0 ANNUAL	EMRSS	5
PINEGEN	421489	5397106	0.01072	365	365	0 ANNUAL	EMRSS	5
PINEGEN	422489	5408106	0.10186	356	356	0 ANNUAL	EMRSS	5
PINEGEN	422489	5407106	0.0735	358.1	358.1	0 ANNUAL	EMRSS	5
PINEGEN	422489	5406106	0.051	360	360	0 ANNUAL	EMRSS	5
PINEGEN	422489	5405106	0.03899	360	360	0 ANNUAL	EMRSS	5
PINEGEN	422489	5404106	0.03154	357	357	0 ANNUAL	EMRSS	5
PINEGEN	422489	5403106	0.02494	374.96	374.96	0 ANNUAL	EMRSS	5
PINEGEN	422489	5402106	0.0211	372	372	0 ANNUAL	EMRSS	5
PINEGEN	422489	5401106	0.0182	370	370	0 ANNUAL	EMRSS	5
PINEGEN	422489	5400106	0.01594	368.12	368.12	0 ANNUAL	EMRSS	5
PINEGEN	422489	5399106	0.01417	363.71	363.71	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr Num	Year	Net ID
PINEGEN	422489	5398106	0.01253	369	369	0 ANNUAL	EMRSS	5
PINEGEN	422489	5397106	0.01129	366.36	366.36	0 ANNUAL	EMRSS	5
PINEGEN	423489	5408106	0.12235	354	354	0 ANNUAL	EMRSS	5
PINEGEN	423489	5406106	0.05676	361	361	0 ANNUAL	EMRSS	5
PINEGEN	423489	5405106	0.04319	359	359	0 ANNUAL	EMRSS	5
PINEGEN	423489	5404106	0.0341	358	358	0 ANNUAL	EMRSS	5
PINEGEN	423489	5403106	0.02695	376	376	0 ANNUAL	EMRSS	5
PINEGEN	423489	5402106	0.02262	376	376	0 ANNUAL	EMRSS	5
PINEGEN	423489	5401106	0.01921	378	378	0 ANNUAL	EMRSS	5
PINEGEN	423489	5400106	0.01666	375.48	375.48	0 ANNUAL	EMRSS	5
PINEGEN	423489	5399106	0.01463	367	367	0 ANNUAL	EMRSS	5
PINEGEN	423489	5398106	0.01283	370	370	0 ANNUAL	EMRSS	5
PINEGEN	423489	5397106	0.01143	362.4	362.4	0 ANNUAL	EMRSS	5
PINEGEN	424489	5406106	0.05892	369.19	369.19	0 ANNUAL	EMRSS	5
PINEGEN	424489	5405106	0.04346	368.07	368.07	0 ANNUAL	EMRSS	5
PINEGEN	424489	5404106	0.03405	361.08	366	0 ANNUAL	EMRSS	5
PINEGEN	424489	5403106	0.02608	377.23	377.23	0 ANNUAL	EMRSS	5
PINEGEN	424489	5402106	0.02137	378	378	0 ANNUAL	EMRSS	5
PINEGEN	424489	5401106	0.01803	376	376	0 ANNUAL	EMRSS	5
PINEGEN	424489	5400106	0.0155	373.06	373.06	0 ANNUAL	EMRSS	5
PINEGEN	424489	5399106	0.01351	370	370	0 ANNUAL	EMRSS	5
PINEGEN	424489	5398106	0.01197	365	365	0 ANNUAL	EMRSS	5
PINEGEN	424489	5397106	0.0108	357	357	0 ANNUAL	EMRSS	5
PINEGEN	425489	5407106	0.08125	366.67	366.67	0 ANNUAL	EMRSS	5
PINEGEN	425489	5406106	0.05125	378.68	378.68	0 ANNUAL	EMRSS	5
PINEGEN	425489	5405106	0.04048	362	362	0 ANNUAL	EMRSS	5
PINEGEN	425489	5404106	0.03003	370	370	0 ANNUAL	EMRSS	5
PINEGEN	425489	5403106	0.02408	370	370	0 ANNUAL	EMRSS	5
PINEGEN	425489	5402106	0.01939	377.99	377.99	0 ANNUAL	EMRSS	5
PINEGEN	425489	5401106	0.01661	375	375	0 ANNUAL	EMRSS	5
PINEGEN	425489	5400106	0.01451	370	370	0 ANNUAL	EMRSS	5
PINEGEN	425489	5399106	0.01273	368	368	0 ANNUAL	EMRSS	5
PINEGEN	425489	5398106	0.01157	359	359	0 ANNUAL	EMRSS	5
PINEGEN	425489	5397106	0.0103	359	359	0 ANNUAL	EMRSS	5
PINEGEN	420489	5401106	0.01603	364	364	0 ANNUAL	EMRSS	5
PINEGEN	420489	5400106	0.01453	359	359	0 ANNUAL	EMRSS	5
PINEGEN	420489	5399106	0.01302	357	357	0 ANNUAL	EMRSS	5
PINEGEN	420489	5398106	0.01161	361	361	0 ANNUAL	EMRSS	5
PINEGEN	420489	5397106	0.01046	360	360	0 ANNUAL	EMRSS	5
PINEGEN	419489	5401106	0.01606	358	358	0 ANNUAL	EMRSS	5
PINEGEN	419489	5400106	0.01362	361.28	361.28	0 ANNUAL	EMRSS	5
PINEGEN	419489	5399106	0.01206	355	355	0 ANNUAL	EMRSS	5
PINEGEN	419489	5398106	0.01095	359.29	359.29	0 ANNUAL	EMRSS	5
PINEGEN	419489	5397106	0.00976	370.8	370.8	0 ANNUAL	EMRSS	5
PINEGEN	418489	5401106	0.01603	362.6	362.6	0 ANNUAL	EMRSS	5
PINEGEN	418489	5400106	0.01367	363	363	0 ANNUAL	EMRSS	5
PINEGEN	418489	5399106	0.01191	354	354	0 ANNUAL	EMRSS	5
PINEGEN	418489	5398106	0.01045	354.91	354.91	0 ANNUAL	EMRSS	5
PINEGEN	418489	5397106	0.00919	364.03	364.03	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
PINEGEN	417489	5401106	0.01533	351	351	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5400106	0.01382	359	359	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5399106	0.01197	350	350	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5398106	0.01047	349	349	0 ANNUAL	EMRSS	5	
PINEGEN	417489	5397106	0.0093	354	354	0 ANNUAL	EMRSS	5	
PINEGEN	416489	5401106	0.01352	348.07	348.07	0 ANNUAL	EMRSS	5	
PINEGEN	416489	5400106	0.01293	354.16	354.16	0 ANNUAL	EMRSS	5	
PINEGEN	416489	5399106	0.01179	347	347	0 ANNUAL	EMRSS	5	
PINEGEN	416489	5398106	0.01053	350	350	0 ANNUAL	EMRSS	5	
PINEGEN	416489	5397106	0.00934	351	351	0 ANNUAL	EMRSS	5	
PINEGEN	415489	5401106	0.0122	347	347	0 ANNUAL	EMRSS	5	
PINEGEN	415489	5400106	0.01139	347	347	0 ANNUAL	EMRSS	5	
PINEGEN	415489	5399106	0.01096	348	348	0 ANNUAL	EMRSS	5	
PINEGEN	415489	5398106	0.01026	346	346	0 ANNUAL	EMRSS	5	
PINEGEN	415489	5397106	0.00934	349.43	349.43	0 ANNUAL	EMRSS	5	
PINEGEN	414489	5401106	0.01173	344.99	344.99	0 ANNUAL	EMRSS	5	
PINEGEN	414489	5400106	0.0104	345	345	0 ANNUAL	EMRSS	5	
PINEGEN	414489	5399106	0.00978	348.68	348.68	0 ANNUAL	EMRSS	5	
PINEGEN	414489	5398106	0.00948	350	350	0 ANNUAL	EMRSS	5	
PINEGEN	414489	5397106	0.00902	348	348	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5401106	0.01136	350	350	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5400106	0.01012	348.95	348.95	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5399106	0.00899	342	342	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5398106	0.00845	343	343	0 ANNUAL	EMRSS	5	
PINEGEN	413489	5397106	0.00824	346	346	0 ANNUAL	EMRSS	5	
PINEGEN	412489	5401106	0.01083	345.75	345.75	0 ANNUAL	EMRSS	5	
PINEGEN	412489	5400106	0.00979	347	347	0 ANNUAL	EMRSS	5	
PINEGEN	412489	5399106	0.00883	350	350	0 ANNUAL	EMRSS	5	
PINEGEN	412489	5398106	0.00784	336.36	336.36	0 ANNUAL	EMRSS	5	
PINEGEN	412489	5397106	0.00749	352	352	0 ANNUAL	EMRSS	5	
PINEGEN	411489	5401106	0.01048	341.01	341.01	0 ANNUAL	EMRSS	5	
PINEGEN	411489	5400106	0.00931	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	411489	5399106	0.00851	339.84	339.84	0 ANNUAL	EMRSS	5	
PINEGEN	411489	5398106	0.00769	338	338	0 ANNUAL	EMRSS	5	
PINEGEN	411489	5397106	0.00696	337	337	0 ANNUAL	EMRSS	5	
PINEGEN	410489	5401106	0.01014	336	336	0 ANNUAL	EMRSS	5	
PINEGEN	410489	5400106	0.00898	333	333	0 ANNUAL	EMRSS	5	
PINEGEN	410489	5399106	0.00811	333	333	0 ANNUAL	EMRSS	5	
PINEGEN	410489	5398106	0.00749	333	333	0 ANNUAL	EMRSS	5	
PINEGEN	410489	5397106	0.00684	336	336	0 ANNUAL	EMRSS	5	
PINEGEN	409489	5401106	0.00964	331.92	331.92	0 ANNUAL	EMRSS	5	
PINEGEN	409489	5400106	0.0088	332	332	0 ANNUAL	EMRSS	5	
PINEGEN	409489	5399106	0.00784	330	330	0 ANNUAL	EMRSS	5	
PINEGEN	409489	5398106	0.00718	331	331	0 ANNUAL	EMRSS	5	
PINEGEN	409489	5397106	0.00669	332	332	0 ANNUAL	EMRSS	5	
PINEGEN	408489	5401106	0.00909	339	339	0 ANNUAL	EMRSS	5	
PINEGEN	408489	5400106	0.00853	332.35	332.35	0 ANNUAL	EMRSS	5	
PINEGEN	408489	5399106	0.00775	336	336	0 ANNUAL	EMRSS	5	
PINEGEN	408489	5398106	0.00694	330	330	0 ANNUAL	EMRSS	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
PINEGEN	408489	5397106	0.00645	332	332	0 ANNUAL	EMRSS	5	
PINEGEN	407489	5401106	0.00834	335.77	335.77	0 ANNUAL	EMRSS	5	
PINEGEN	407489	5400106	0.00818	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	407489	5399106	0.00763	341.44	341.44	0 ANNUAL	EMRSS	5	
PINEGEN	407489	5398106	0.00682	330	330	0 ANNUAL	EMRSS	5	
PINEGEN	407489	5397106	0.00621	330	330	0 ANNUAL	EMRSS	5	
PINEGEN	406489	5401106	0.00765	338	338	0 ANNUAL	EMRSS	5	
PINEGEN	406489	5400106	0.00764	338	338	0 ANNUAL	EMRSS	5	
PINEGEN	406489	5399106	0.00731	334	334	0 ANNUAL	EMRSS	5	
PINEGEN	406489	5398106	0.00672	330	330	0 ANNUAL	EMRSS	5	
PINEGEN	406489	5397106	0.00609	330	330	0 ANNUAL	EMRSS	5	
PINEGEN	405489	5401106	0.00704	341	341	0 ANNUAL	EMRSS	5	
PINEGEN	405489	5400106	0.00708	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	405489	5399106	0.00693	332	332	0 ANNUAL	EMRSS	5	
PINEGEN	405489	5398106	0.00656	330	330	0 ANNUAL	EMRSS	5	
PINEGEN	405489	5397106	0.00602	330	330	0 ANNUAL	EMRSS	5	
PINEGEN	409489	5402106	0.01007	336	336	0 ANNUAL	EMRSS	5	
PINEGEN	409489	5403106	0.01003	335	335	0 ANNUAL	EMRSS	5	
PINEGEN	409489	5404106	0.00994	336.7	336.7	0 ANNUAL	EMRSS	5	
PINEGEN	409489	5405106	0.00969	342	342	0 ANNUAL	EMRSS	5	
PINEGEN	409489	5406106	0.00952	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	409489	5407106	0.01007	344.53	344.53	0 ANNUAL	EMRSS	5	
PINEGEN	409489	5408106	0.00998	343	343	0 ANNUAL	EMRSS	5	
PINEGEN	409489	5409106	0.00947	343	343	0 ANNUAL	EMRSS	5	
PINEGEN	409489	5410106	0.00926	340.89	340.89	0 ANNUAL	EMRSS	5	
PINEGEN	409489	5411106	0.00884	348	348	0 ANNUAL	EMRSS	5	
PINEGEN	409489	5412106	0.00839	355.12	355.12	0 ANNUAL	EMRSS	5	
PINEGEN	409489	5413106	0.00795	359.32	359.32	0 ANNUAL	EMRSS	5	
PINEGEN	409489	5414106	0.00788	355	355	0 ANNUAL	EMRSS	5	
PINEGEN	409489	5415106	0.00795	360	360	0 ANNUAL	EMRSS	5	
PINEGEN	409489	5416106	0.00778	361.39	361.39	0 ANNUAL	EMRSS	5	
PINEGEN	409489	5417106	0.00799	361.64	361.64	0 ANNUAL	EMRSS	5	
PINEGEN	408489	5402106	0.00908	330	330	0 ANNUAL	EMRSS	5	
PINEGEN	408489	5403106	0.00903	333	333	0 ANNUAL	EMRSS	5	
PINEGEN	408489	5404106	0.00892	335	335	0 ANNUAL	EMRSS	5	
PINEGEN	408489	5405106	0.00863	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	408489	5406106	0.00869	341	341	0 ANNUAL	EMRSS	5	
PINEGEN	408489	5407106	0.00919	342	342	0 ANNUAL	EMRSS	5	
PINEGEN	408489	5408106	0.00892	340	340	0 ANNUAL	EMRSS	5	
PINEGEN	408489	5409106	0.00853	341	341	0 ANNUAL	EMRSS	5	
PINEGEN	408489	5410106	0.00841	343	343	0 ANNUAL	EMRSS	5	
PINEGEN	408489	5411106	0.00799	344	344	0 ANNUAL	EMRSS	5	
PINEGEN	408489	5412106	0.00764	354.96	354.96	0 ANNUAL	EMRSS	5	
PINEGEN	408489	5413106	0.0072	354	354	0 ANNUAL	EMRSS	5	
PINEGEN	408489	5414106	0.00713	357	357	0 ANNUAL	EMRSS	5	
PINEGEN	408489	5415106	0.00721	358	358	0 ANNUAL	EMRSS	5	
PINEGEN	408489	5416106	0.00714	359.51	359.51	0 ANNUAL	EMRSS	5	
PINEGEN	408489	5417106	0.0071	349	349	0 ANNUAL	EMRSS	5	
PINEGEN	407489	5402106	0.00826	331	331	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
PINEGEN	407489	5403106	0.00818	330	330	0 ANNUAL	EMRSS	5
PINEGEN	407489	5404106	0.00801	332	332	0 ANNUAL	EMRSS	5
PINEGEN	407489	5405106	0.00774	334	334	0 ANNUAL	EMRSS	5
PINEGEN	407489	5406106	0.00798	334	334	0 ANNUAL	EMRSS	5
PINEGEN	407489	5407106	0.00839	341	341	0 ANNUAL	EMRSS	5
PINEGEN	407489	5408106	0.00807	342	342	0 ANNUAL	EMRSS	5
PINEGEN	407489	5409106	0.00779	345	345	0 ANNUAL	EMRSS	5
PINEGEN	407489	5410106	0.0077	348	348	0 ANNUAL	EMRSS	5
PINEGEN	407489	5411106	0.00734	351	351	0 ANNUAL	EMRSS	5
PINEGEN	407489	5412106	0.00701	358	358	0 ANNUAL	EMRSS	5
PINEGEN	407489	5413106	0.00661	359.74	359.74	0 ANNUAL	EMRSS	5
PINEGEN	407489	5414106	0.00635	368	368	0 ANNUAL	EMRSS	5
PINEGEN	407489	5415106	0.00656	358.6	358.6	0 ANNUAL	EMRSS	5
PINEGEN	407489	5416106	0.00648	366	366	0 ANNUAL	EMRSS	5
PINEGEN	407489	5417106	0.00639	346	346	0 ANNUAL	EMRSS	5
PINEGEN	406489	5402106	0.00759	338	338	0 ANNUAL	EMRSS	5
PINEGEN	406489	5403106	0.00747	331	331	0 ANNUAL	EMRSS	5
PINEGEN	406489	5404106	0.00723	332.01	341	0 ANNUAL	EMRSS	5
PINEGEN	406489	5405106	0.0071	338	338	0 ANNUAL	EMRSS	5
PINEGEN	406489	5406106	0.00749	341	341	0 ANNUAL	EMRSS	5
PINEGEN	406489	5407106	0.0077	344	344	0 ANNUAL	EMRSS	5
PINEGEN	406489	5408106	0.00736	346	346	0 ANNUAL	EMRSS	5
PINEGEN	406489	5409106	0.00716	349	349	0 ANNUAL	EMRSS	5
PINEGEN	406489	5410106	0.0071	356	356	0 ANNUAL	EMRSS	5
PINEGEN	406489	5411106	0.00673	361	361	0 ANNUAL	EMRSS	5
PINEGEN	406489	5412106	0.00636	364	364	0 ANNUAL	EMRSS	5
PINEGEN	406489	5413106	0.00605	361	361	0 ANNUAL	EMRSS	5
PINEGEN	406489	5414106	0.00594	358.62	358.62	0 ANNUAL	EMRSS	5
PINEGEN	406489	5415106	0.00596	349	349	0 ANNUAL	EMRSS	5
PINEGEN	406489	5416106	0.006	350	350	0 ANNUAL	EMRSS	5
PINEGEN	406489	5417106	0.00585	342	342	0 ANNUAL	EMRSS	5
PINEGEN	405489	5402106	0.00697	339	339	0 ANNUAL	EMRSS	5
PINEGEN	405489	5403106	0.00684	334	334	0 ANNUAL	EMRSS	5
PINEGEN	405489	5404106	0.00657	334	334	0 ANNUAL	EMRSS	5
PINEGEN	405489	5405106	0.00659	338.46	338.46	0 ANNUAL	EMRSS	5
PINEGEN	405489	5406106	0.007	341	341	0 ANNUAL	EMRSS	5
PINEGEN	405489	5407106	0.00704	342	342	0 ANNUAL	EMRSS	5
PINEGEN	405489	5408106	0.0067	343	343	0 ANNUAL	EMRSS	5
PINEGEN	405489	5409106	0.00656	344	344	0 ANNUAL	EMRSS	5
PINEGEN	405489	5410106	0.00652	353	353	0 ANNUAL	EMRSS	5
PINEGEN	405489	5411106	0.00618	362.66	362.66	0 ANNUAL	EMRSS	5
PINEGEN	405489	5412106	0.00586	366	366	0 ANNUAL	EMRSS	5
PINEGEN	405489	5413106	0.00563	360	360	0 ANNUAL	EMRSS	5
PINEGEN	405489	5414106	0.00544	351.67	351.67	0 ANNUAL	EMRSS	5
PINEGEN	405489	5415106	0.00545	345	345	0 ANNUAL	EMRSS	5
PINEGEN	405489	5416106	0.00552	349	349	0 ANNUAL	EMRSS	5
PINEGEN	405489	5417106	0.00543	343	343	0 ANNUAL	EMRSS	5
TMA	420878	5414263	0.06843	376	376	0 ANNUAL	EMRSS	5
TMA	420878	5414283	0.06819	376	376	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	420878	5414303	0.06794	376	376	0 ANNUAL	EMRSS	5
TMA	420878	5414323	0.06776	375.78	375.78	0 ANNUAL	EMRSS	5
TMA	420878	5414343	0.06764	375.31	375.31	0 ANNUAL	EMRSS	5
TMA	420878	5414363	0.06748	375	375	0 ANNUAL	EMRSS	5
TMA	420878	5414383	0.06723	375	375	0 ANNUAL	EMRSS	5
TMA	420878	5414403	0.06698	375	375	0 ANNUAL	EMRSS	5
TMA	420878	5414423	0.06673	375	375	0 ANNUAL	EMRSS	5
TMA	420878	5414443	0.06649	375	375	0 ANNUAL	EMRSS	5
TMA	420898	5414263	0.06875	376	376	0 ANNUAL	EMRSS	5
TMA	420898	5414283	0.0685	376	376	0 ANNUAL	EMRSS	5
TMA	420898	5414303	0.06825	376	376	0 ANNUAL	EMRSS	5
TMA	420898	5414323	0.0682	375.29	375.29	0 ANNUAL	EMRSS	5
TMA	420898	5414343	0.06803	375	375	0 ANNUAL	EMRSS	5
TMA	420898	5414363	0.06778	375	375	0 ANNUAL	EMRSS	5
TMA	420898	5414383	0.06753	375	375	0 ANNUAL	EMRSS	5
TMA	420898	5414403	0.06728	375	375	0 ANNUAL	EMRSS	5
TMA	420898	5414423	0.06704	375	375	0 ANNUAL	EMRSS	5
TMA	420898	5414443	0.06679	375	375	0 ANNUAL	EMRSS	5
TMA	420918	5414263	0.06911	375.87	375.87	0 ANNUAL	EMRSS	5
TMA	420918	5414283	0.06909	375.03	375.03	0 ANNUAL	EMRSS	5
TMA	420918	5414303	0.06884	375.05	375.05	0 ANNUAL	EMRSS	5
TMA	420918	5414323	0.06859	375.02	375.02	0 ANNUAL	EMRSS	5
TMA	420918	5414343	0.06834	375	375	0 ANNUAL	EMRSS	5
TMA	420918	5414363	0.06809	375	375	0 ANNUAL	EMRSS	5
TMA	420918	5414383	0.06784	375	375	0 ANNUAL	EMRSS	5
TMA	420918	5414403	0.06759	375	375	0 ANNUAL	EMRSS	5
TMA	420918	5414423	0.06734	375	375	0 ANNUAL	EMRSS	5
TMA	420918	5414443	0.0671	375	375	0 ANNUAL	EMRSS	5
TMA	420938	5414263	0.06968	375	375	0 ANNUAL	EMRSS	5
TMA	420938	5414283	0.06942	375	375	0 ANNUAL	EMRSS	5
TMA	420938	5414303	0.06917	375	375	0 ANNUAL	EMRSS	5
TMA	420938	5414323	0.06891	375	375	0 ANNUAL	EMRSS	5
TMA	420938	5414343	0.06866	375	375	0 ANNUAL	EMRSS	5
TMA	420938	5414363	0.0684	375	375	0 ANNUAL	EMRSS	5
TMA	420938	5414383	0.06815	375	375	0 ANNUAL	EMRSS	5
TMA	420938	5414403	0.0679	375	375	0 ANNUAL	EMRSS	5
TMA	420938	5414423	0.06765	375	375	0 ANNUAL	EMRSS	5
TMA	420938	5414443	0.06741	375	375	0 ANNUAL	EMRSS	5
TMA	420958	5414263	0.07	375	375	0 ANNUAL	EMRSS	5
TMA	420958	5414283	0.06974	375	375	0 ANNUAL	EMRSS	5
TMA	420958	5414303	0.06949	375	375	0 ANNUAL	EMRSS	5
TMA	420958	5414323	0.06923	375	375	0 ANNUAL	EMRSS	5
TMA	420958	5414343	0.06897	375	375	0 ANNUAL	EMRSS	5
TMA	420958	5414363	0.06872	375	375	0 ANNUAL	EMRSS	5
TMA	420958	5414383	0.06846	375	375	0 ANNUAL	EMRSS	5
TMA	420958	5414403	0.06822	375	375	0 ANNUAL	EMRSS	5
TMA	420958	5414423	0.06797	375	375	0 ANNUAL	EMRSS	5
TMA	420958	5414443	0.06773	375	375	0 ANNUAL	EMRSS	5
TMA	420978	5414263	0.07033	375	375	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	420978	5414283	0.07007	375	375	0 ANNUAL	EMRSS	5	
TMA	420978	5414303	0.06981	375	375	0 ANNUAL	EMRSS	5	
TMA	420978	5414323	0.06955	375	375	0 ANNUAL	EMRSS	5	
TMA	420978	5414343	0.06929	375	375	0 ANNUAL	EMRSS	5	
TMA	420978	5414363	0.06904	375	375	0 ANNUAL	EMRSS	5	
TMA	420978	5414383	0.06878	375	375	0 ANNUAL	EMRSS	5	
TMA	420978	5414403	0.06853	375	375	0 ANNUAL	EMRSS	5	
TMA	420978	5414423	0.06829	375	375	0 ANNUAL	EMRSS	5	
TMA	420978	5414443	0.06805	375	375	0 ANNUAL	EMRSS	5	
TMA	420998	5414263	0.07073	374.77	374.77	0 ANNUAL	EMRSS	5	
TMA	420998	5414283	0.07046	374.8	374.8	0 ANNUAL	EMRSS	5	
TMA	420998	5414303	0.07014	374.98	374.98	0 ANNUAL	EMRSS	5	
TMA	420998	5414323	0.06988	375	375	0 ANNUAL	EMRSS	5	
TMA	420998	5414343	0.06962	375	375	0 ANNUAL	EMRSS	5	
TMA	420998	5414363	0.06936	375	375	0 ANNUAL	EMRSS	5	
TMA	420998	5414383	0.06911	375	375	0 ANNUAL	EMRSS	5	
TMA	420998	5414403	0.06886	375	375	0 ANNUAL	EMRSS	5	
TMA	420998	5414423	0.06861	375	375	0 ANNUAL	EMRSS	5	
TMA	420998	5414443	0.06837	375	375	0 ANNUAL	EMRSS	5	
TMA	421018	5414263	0.07128	374	374	0 ANNUAL	EMRSS	5	
TMA	421018	5414283	0.07101	374.03	374.03	0 ANNUAL	EMRSS	5	
TMA	421018	5414303	0.07063	374.46	374.46	0 ANNUAL	EMRSS	5	
TMA	421018	5414323	0.07023	374.9	374.9	0 ANNUAL	EMRSS	5	
TMA	421018	5414343	0.06995	375	375	0 ANNUAL	EMRSS	5	
TMA	421018	5414363	0.06969	375	375	0 ANNUAL	EMRSS	5	
TMA	421018	5414383	0.06944	375	375	0 ANNUAL	EMRSS	5	
TMA	421018	5414403	0.06919	375	375	0 ANNUAL	EMRSS	5	
TMA	421018	5414423	0.06895	375	375	0 ANNUAL	EMRSS	5	
TMA	421018	5414443	0.06871	375	375	0 ANNUAL	EMRSS	5	
TMA	421038	5414263	0.07158	374.17	374.17	0 ANNUAL	EMRSS	5	
TMA	421038	5414283	0.07112	374.82	374.82	0 ANNUAL	EMRSS	5	
TMA	421038	5414303	0.07086	374.81	374.81	0 ANNUAL	EMRSS	5	
TMA	421038	5414323	0.07055	374.96	374.96	0 ANNUAL	EMRSS	5	
TMA	421038	5414343	0.07028	375	375	0 ANNUAL	EMRSS	5	
TMA	421038	5414363	0.07003	375	375	0 ANNUAL	EMRSS	5	
TMA	421038	5414383	0.06977	375	375	0 ANNUAL	EMRSS	5	
TMA	421038	5414403	0.06953	375	375	0 ANNUAL	EMRSS	5	
TMA	421038	5414423	0.06929	375	375	0 ANNUAL	EMRSS	5	
TMA	421038	5414443	0.06905	375	375	0 ANNUAL	EMRSS	5	
TMA	421058	5414263	0.07167	375	375	0 ANNUAL	EMRSS	5	
TMA	421058	5414283	0.0714	375	375	0 ANNUAL	EMRSS	5	
TMA	421058	5414303	0.07114	375	375	0 ANNUAL	EMRSS	5	
TMA	421058	5414323	0.07088	375	375	0 ANNUAL	EMRSS	5	
TMA	421058	5414343	0.07062	375	375	0 ANNUAL	EMRSS	5	
TMA	421058	5414363	0.07037	375	375	0 ANNUAL	EMRSS	5	
TMA	421058	5414383	0.07012	375	375	0 ANNUAL	EMRSS	5	
TMA	421058	5414403	0.06987	375.01	375.01	0 ANNUAL	EMRSS	5	
TMA	421058	5414423	0.06963	375	375	0 ANNUAL	EMRSS	5	
TMA	421058	5414443	0.0694	375	375	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	421078	5414263	0.07202	375	375	0 ANNUAL	EMRSS	5
TMA	421078	5414283	0.07175	375	375	0 ANNUAL	EMRSS	5
TMA	421078	5414303	0.07148	375	375	0 ANNUAL	EMRSS	5
TMA	421078	5414323	0.07122	375	375	0 ANNUAL	EMRSS	5
TMA	421078	5414343	0.07088	375.26	375.26	0 ANNUAL	EMRSS	5
TMA	421078	5414363	0.0706	375.37	375.37	0 ANNUAL	EMRSS	5
TMA	421078	5414383	0.07036	375.35	375.35	0 ANNUAL	EMRSS	5
TMA	421078	5414403	0.07006	375.51	375.51	0 ANNUAL	EMRSS	5
TMA	421078	5414423	0.06967	376	376	0 ANNUAL	EMRSS	5
TMA	421078	5414443	0.06944	376	376	0 ANNUAL	EMRSS	5
TMA	421098	5414263	0.0723	375.19	375.19	0 ANNUAL	EMRSS	5
TMA	421098	5414283	0.07186	375.75	375.75	0 ANNUAL	EMRSS	5
TMA	421098	5414303	0.0716	375.73	375.73	0 ANNUAL	EMRSS	5
TMA	421098	5414323	0.07135	375.71	375.71	0 ANNUAL	EMRSS	5
TMA	421098	5414343	0.07102	375.91	375.91	0 ANNUAL	EMRSS	5
TMA	421098	5414363	0.07074	376	376	0 ANNUAL	EMRSS	5
TMA	421098	5414383	0.0705	376	376	0 ANNUAL	EMRSS	5
TMA	421098	5414403	0.07026	376	376	0 ANNUAL	EMRSS	5
TMA	421098	5414423	0.07003	376	376	0 ANNUAL	EMRSS	5
TMA	421098	5414443	0.0698	376	376	0 ANNUAL	EMRSS	5
TMA	421118	5414263	0.07239	376	376	0 ANNUAL	EMRSS	5
TMA	421118	5414283	0.07212	376.01	376.01	0 ANNUAL	EMRSS	5
TMA	421118	5414303	0.07185	376.04	376.04	0 ANNUAL	EMRSS	5
TMA	421118	5414323	0.0716	376.02	376.02	0 ANNUAL	EMRSS	5
TMA	421118	5414343	0.07135	376.01	376.01	0 ANNUAL	EMRSS	5
TMA	421118	5414363	0.0711	376	376	0 ANNUAL	EMRSS	5
TMA	421118	5414383	0.07072	376.42	376.42	0 ANNUAL	EMRSS	5
TMA	421118	5414403	0.0703	376.95	376.95	0 ANNUAL	EMRSS	5
TMA	421118	5414423	0.07008	376.93	376.93	0 ANNUAL	EMRSS	5
TMA	421118	5414443	0.06986	376.91	376.91	0 ANNUAL	EMRSS	5
TMA	421138	5414263	0.07261	376.39	376.39	0 ANNUAL	EMRSS	5
TMA	421138	5414283	0.07233	376.45	376.45	0 ANNUAL	EMRSS	5
TMA	421138	5414303	0.07187	377	377	0 ANNUAL	EMRSS	5
TMA	421138	5414323	0.07162	377	377	0 ANNUAL	EMRSS	5
TMA	421138	5414343	0.07137	377	377	0 ANNUAL	EMRSS	5
TMA	421138	5414363	0.07112	377	377	0 ANNUAL	EMRSS	5
TMA	421138	5414383	0.07084	377.12	377.12	0 ANNUAL	EMRSS	5
TMA	421138	5414403	0.07056	377.26	377.26	0 ANNUAL	EMRSS	5
TMA	421138	5414423	0.07034	377.24	377.24	0 ANNUAL	EMRSS	5
TMA	421138	5414443	0.07013	377.22	377.22	0 ANNUAL	EMRSS	5
TMA	421158	5414263	0.07276	377	377	0 ANNUAL	EMRSS	5
TMA	421158	5414283	0.07249	377	377	0 ANNUAL	EMRSS	5
TMA	421158	5414303	0.07223	377	377	0 ANNUAL	EMRSS	5
TMA	421158	5414323	0.07178	377.56	377.56	0 ANNUAL	EMRSS	5
TMA	421158	5414343	0.07151	377.62	377.62	0 ANNUAL	EMRSS	5
TMA	421158	5414363	0.07127	377.61	377.61	0 ANNUAL	EMRSS	5
TMA	421158	5414383	0.07098	377.78	377.78	0 ANNUAL	EMRSS	5
TMA	421158	5414403	0.07067	378	378	0 ANNUAL	EMRSS	5
TMA	421158	5414423	0.07045	378	378	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	421158	5414443	0.07023	378	378	0 ANNUAL	EMRSS	5	
TMA	421178	5414263	0.07301	377.3	377.3	0 ANNUAL	EMRSS	5	
TMA	421178	5414283	0.07249	377.99	377.99	0 ANNUAL	EMRSS	5	
TMA	421178	5414303	0.07225	377.97	377.97	0 ANNUAL	EMRSS	5	
TMA	421178	5414323	0.07199	377.99	377.99	0 ANNUAL	EMRSS	5	
TMA	421178	5414343	0.07174	378	378	0 ANNUAL	EMRSS	5	
TMA	421178	5414363	0.0715	378	378	0 ANNUAL	EMRSS	5	
TMA	421178	5414383	0.07111	378.42	378.42	0 ANNUAL	EMRSS	5	
TMA	421178	5414403	0.07072	378.88	378.88	0 ANNUAL	EMRSS	5	
TMA	421178	5414423	0.07051	378.86	378.86	0 ANNUAL	EMRSS	5	
TMA	421178	5414443	0.07031	378.84	378.84	0 ANNUAL	EMRSS	5	
TMA	421198	5414263	0.07312	378	378	0 ANNUAL	EMRSS	5	
TMA	421198	5414283	0.07286	378	378	0 ANNUAL	EMRSS	5	
TMA	421198	5414303	0.0726	378.01	378.01	0 ANNUAL	EMRSS	5	
TMA	421198	5414323	0.07227	378.23	378.23	0 ANNUAL	EMRSS	5	
TMA	421198	5414343	0.0718	378.82	378.82	0 ANNUAL	EMRSS	5	
TMA	421198	5414363	0.0715	379	379	0 ANNUAL	EMRSS	5	
TMA	421198	5414383	0.07128	379	379	0 ANNUAL	EMRSS	5	
TMA	421198	5414403	0.07104	379.06	379.06	0 ANNUAL	EMRSS	5	
TMA	421198	5414423	0.07078	379.17	379.17	0 ANNUAL	EMRSS	5	
TMA	421198	5414443	0.07059	379.15	379.15	0 ANNUAL	EMRSS	5	
TMA	421218	5414263	0.07342	378.2	378.2	0 ANNUAL	EMRSS	5	
TMA	421218	5414283	0.073	378.61	378.61	0 ANNUAL	EMRSS	5	
TMA	421218	5414303	0.07275	378.6	378.6	0 ANNUAL	EMRSS	5	
TMA	421218	5414323	0.07237	378.96	378.96	0 ANNUAL	EMRSS	5	
TMA	421218	5414343	0.07212	379	379	0 ANNUAL	EMRSS	5	
TMA	421218	5414363	0.07189	379	379	0 ANNUAL	EMRSS	5	
TMA	421218	5414383	0.07157	379.25	379.25	0 ANNUAL	EMRSS	5	
TMA	421218	5414403	0.07119	379.68	379.68	0 ANNUAL	EMRSS	5	
TMA	421218	5414423	0.07086	380	380	0 ANNUAL	EMRSS	5	
TMA	421218	5414443	0.07067	380	380	0 ANNUAL	EMRSS	5	
TMA	421238	5414263	0.0735	378.96	378.96	0 ANNUAL	EMRSS	5	
TMA	421238	5414283	0.07323	379	379	0 ANNUAL	EMRSS	5	
TMA	421238	5414303	0.07298	379	379	0 ANNUAL	EMRSS	5	
TMA	421238	5414323	0.07274	379	379	0 ANNUAL	EMRSS	5	
TMA	421238	5414343	0.07251	379	379	0 ANNUAL	EMRSS	5	
TMA	421238	5414363	0.07207	379.54	379.54	0 ANNUAL	EMRSS	5	
TMA	421238	5414383	0.07171	379.91	379.91	0 ANNUAL	EMRSS	5	
TMA	421238	5414403	0.07147	380	380	0 ANNUAL	EMRSS	5	
TMA	421238	5414423	0.0712	380.18	380.18	0 ANNUAL	EMRSS	5	
TMA	421238	5414443	0.07081	380.69	380.69	0 ANNUAL	EMRSS	5	
TMA	421258	5414263	0.07387	379	379	0 ANNUAL	EMRSS	5	
TMA	421258	5414283	0.0736	379.05	379.05	0 ANNUAL	EMRSS	5	
TMA	421258	5414303	0.07327	379.26	379.26	0 ANNUAL	EMRSS	5	
TMA	421258	5414323	0.07276	379.94	379.94	0 ANNUAL	EMRSS	5	
TMA	421258	5414343	0.07252	380	380	0 ANNUAL	EMRSS	5	
TMA	421258	5414363	0.0723	380	380	0 ANNUAL	EMRSS	5	
TMA	421258	5414383	0.07206	380.07	380.07	0 ANNUAL	EMRSS	5	
TMA	421258	5414403	0.07171	380.45	380.45	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	421258	5414423	0.0713	381	381	0 ANNUAL	EMRSS	5
TMA	421258	5414443	0.07111	381	381	0 ANNUAL	EMRSS	5
TMA	421278	5414263	0.07427	379	379	0 ANNUAL	EMRSS	5
TMA	421278	5414283	0.07393	379.21	379.21	0 ANNUAL	EMRSS	5
TMA	421278	5414303	0.07337	380	380	0 ANNUAL	EMRSS	5
TMA	421278	5414323	0.07315	380	380	0 ANNUAL	EMRSS	5
TMA	421278	5414343	0.07293	380	380	0 ANNUAL	EMRSS	5
TMA	421278	5414363	0.07259	380.31	380.31	0 ANNUAL	EMRSS	5
TMA	421278	5414383	0.07221	380.74	380.74	0 ANNUAL	EMRSS	5
TMA	421278	5414403	0.07191	381	381	0 ANNUAL	EMRSS	5
TMA	421278	5414423	0.07168	381.1	381.1	0 ANNUAL	EMRSS	5
TMA	421278	5414443	0.0714	381.34	381.34	0 ANNUAL	EMRSS	5
TMA	421298	5414263	0.07454	379.31	379.31	0 ANNUAL	EMRSS	5
TMA	421298	5414283	0.07407	379.88	379.88	0 ANNUAL	EMRSS	5
TMA	421298	5414303	0.07379	380	380	0 ANNUAL	EMRSS	5
TMA	421298	5414323	0.07356	380	380	0 ANNUAL	EMRSS	5
TMA	421298	5414343	0.07335	380	380	0 ANNUAL	EMRSS	5
TMA	421298	5414363	0.07286	380.68	380.68	0 ANNUAL	EMRSS	5
TMA	421298	5414383	0.07253	381	381	0 ANNUAL	EMRSS	5
TMA	421298	5414403	0.07222	381.3	381.3	0 ANNUAL	EMRSS	5
TMA	421298	5414423	0.07183	381.79	381.79	0 ANNUAL	EMRSS	5
TMA	421298	5414443	0.07159	381.96	381.96	0 ANNUAL	EMRSS	5
TMA	421318	5414263	0.07493	379.38	379.38	0 ANNUAL	EMRSS	5
TMA	421318	5414283	0.07444	380	380	0 ANNUAL	EMRSS	5
TMA	421318	5414303	0.07421	380	380	0 ANNUAL	EMRSS	5
TMA	421318	5414323	0.07399	380	380	0 ANNUAL	EMRSS	5
TMA	421318	5414343	0.07344	380.83	380.83	0 ANNUAL	EMRSS	5
TMA	421318	5414363	0.07316	381	381	0 ANNUAL	EMRSS	5
TMA	421318	5414383	0.07274	381.56	381.56	0 ANNUAL	EMRSS	5
TMA	421318	5414403	0.07236	382.02	382.02	0 ANNUAL	EMRSS	5
TMA	421318	5414423	0.07218	382.02	382.02	0 ANNUAL	EMRSS	5
TMA	421318	5414443	0.07202	382	382	0 ANNUAL	EMRSS	5
TMA	421338	5414263	0.07535	379.39	379.39	0 ANNUAL	EMRSS	5
TMA	421338	5414283	0.07486	380	380	0 ANNUAL	EMRSS	5
TMA	421338	5414303	0.07464	380	380	0 ANNUAL	EMRSS	5
TMA	421338	5414323	0.07443	380	380	0 ANNUAL	EMRSS	5
TMA	421338	5414343	0.07387	380.84	380.84	0 ANNUAL	EMRSS	5
TMA	421338	5414363	0.07349	381.27	381.27	0 ANNUAL	EMRSS	5
TMA	421338	5414383	0.07311	381.73	381.73	0 ANNUAL	EMRSS	5
TMA	421338	5414403	0.07263	382.43	382.43	0 ANNUAL	EMRSS	5
TMA	421338	5414423	0.07221	383	383	0 ANNUAL	EMRSS	5
TMA	421338	5414443	0.07205	383	383	0 ANNUAL	EMRSS	5
TMA	421358	5414263	0.07578	379.4	379.4	0 ANNUAL	EMRSS	5
TMA	421358	5414283	0.0753	380	380	0 ANNUAL	EMRSS	5
TMA	421358	5414303	0.07504	380.1	380.1	0 ANNUAL	EMRSS	5
TMA	421358	5414323	0.07457	380.73	380.73	0 ANNUAL	EMRSS	5
TMA	421358	5414343	0.07427	380.96	380.96	0 ANNUAL	EMRSS	5
TMA	421358	5414363	0.07375	381.72	381.72	0 ANNUAL	EMRSS	5
TMA	421358	5414383	0.07328	382.39	382.39	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
TMA	421358	5414403	0.07292	382.81	382.81	0 ANNUAL	EMRSS	5
TMA	421358	5414423	0.07259	383.2	383.2	0 ANNUAL	EMRSS	5
TMA	421358	5414443	0.07224	383.62	383.62	0 ANNUAL	EMRSS	5
TMA	421378	5414263	0.07623	379.41	379.41	0 ANNUAL	EMRSS	5
TMA	421378	5414283	0.07575	380	380	0 ANNUAL	EMRSS	5
TMA	421378	5414303	0.07554	380	380	0 ANNUAL	EMRSS	5
TMA	421378	5414323	0.07533	380	380	0 ANNUAL	EMRSS	5
TMA	421378	5414343	0.07477	380.87	380.87	0 ANNUAL	EMRSS	5
TMA	421378	5414363	0.07421	381.73	381.73	0 ANNUAL	EMRSS	5
TMA	421378	5414383	0.07366	382.59	382.59	0 ANNUAL	EMRSS	5
TMA	421378	5414403	0.07311	383.44	383.44	0 ANNUAL	EMRSS	5
TMA	421378	5414423	0.07271	383.97	383.97	0 ANNUAL	EMRSS	5
TMA	421378	5414443	0.07255	384	384	0 ANNUAL	EMRSS	5
TMA	421398	5414263	0.07675	379.25	379.25	0 ANNUAL	EMRSS	5
TMA	421398	5414283	0.07633	379.72	379.72	0 ANNUAL	EMRSS	5
TMA	421398	5414303	0.076	380	380	0 ANNUAL	EMRSS	5
TMA	421398	5414323	0.0758	380.01	380.01	0 ANNUAL	EMRSS	5
TMA	421398	5414343	0.07524	380.88	380.88	0 ANNUAL	EMRSS	5
TMA	421398	5414363	0.07468	381.74	381.74	0 ANNUAL	EMRSS	5
TMA	421398	5414383	0.07413	382.61	382.61	0 ANNUAL	EMRSS	5
TMA	421398	5414403	0.07351	383.6	383.6	0 ANNUAL	EMRSS	5
TMA	421398	5414423	0.07295	384.5	384.5	0 ANNUAL	EMRSS	5
TMA	421398	5414443	0.07254	385.05	385.05	0 ANNUAL	EMRSS	5
TMA	421418	5414263	0.07733	379	379	0 ANNUAL	EMRSS	5
TMA	421418	5414283	0.07699	379.3	379.3	0 ANNUAL	EMRSS	5
TMA	421418	5414303	0.07648	380	380	0 ANNUAL	EMRSS	5
TMA	421418	5414323	0.07627	380.03	380.03	0 ANNUAL	EMRSS	5
TMA	421418	5414343	0.07571	380.89	380.89	0 ANNUAL	EMRSS	5
TMA	421418	5414363	0.07516	381.75	381.75	0 ANNUAL	EMRSS	5
TMA	421418	5414383	0.07444	382.99	382.99	0 ANNUAL	EMRSS	5
TMA	421418	5414403	0.07369	384.27	384.27	0 ANNUAL	EMRSS	5
TMA	421418	5414423	0.0731	385.2	385.2	0 ANNUAL	EMRSS	5
TMA	421418	5414443	0.07275	385.64	385.64	0 ANNUAL	EMRSS	5
TMA	421438	5414263	0.07761	379.46	379.46	0 ANNUAL	EMRSS	5
TMA	421438	5414283	0.07717	380	380	0 ANNUAL	EMRSS	5
TMA	421438	5414303	0.07697	380	380	0 ANNUAL	EMRSS	5
TMA	421438	5414323	0.07676	380.04	380.04	0 ANNUAL	EMRSS	5
TMA	421438	5414343	0.0762	380.9	380.9	0 ANNUAL	EMRSS	5
TMA	421438	5414363	0.07533	382.48	382.48	0 ANNUAL	EMRSS	5
TMA	421438	5414383	0.07465	383.6	383.6	0 ANNUAL	EMRSS	5
TMA	421438	5414403	0.07387	384.93	384.93	0 ANNUAL	EMRSS	5
TMA	421438	5414423	0.07308	386.23	386.23	0 ANNUAL	EMRSS	5
TMA	421438	5414443	0.07263	386.86	386.86	0 ANNUAL	EMRSS	5
TMA	421458	5414263	0.07786	380	380	0 ANNUAL	EMRSS	5
TMA	421458	5414283	0.07766	380	380	0 ANNUAL	EMRSS	5
TMA	421458	5414303	0.07738	380.19	380.19	0 ANNUAL	EMRSS	5
TMA	421458	5414323	0.07682	381.05	381.05	0 ANNUAL	EMRSS	5
TMA	421458	5414343	0.07626	381.91	381.91	0 ANNUAL	EMRSS	5
TMA	421458	5414363	0.07561	382.97	382.97	0 ANNUAL	EMRSS	5



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	421458	5414383	0.07479	384.36	384.36	0 ANNUAL	EMRSS	5	
TMA	421458	5414403	0.07403	385.61	385.61	0 ANNUAL	EMRSS	5	
TMA	421458	5414423	0.07342	386.55	386.55	0 ANNUAL	EMRSS	5	
TMA	421458	5414443	0.07285	387.4	387.4	0 ANNUAL	EMRSS	5	
TMA	421478	5414263	0.07837	380	380	0 ANNUAL	EMRSS	5	
TMA	421478	5414283	0.07808	380.21	380.21	0 ANNUAL	EMRSS	5	
TMA	421478	5414303	0.07762	380.81	380.81	0 ANNUAL	EMRSS	5	
TMA	421478	5414323	0.07706	381.65	381.65	0 ANNUAL	EMRSS	5	
TMA	421478	5414343	0.0765	382.5	382.5	0 ANNUAL	EMRSS	5	
TMA	421478	5414363	0.07578	383.7	383.7	0 ANNUAL	EMRSS	5	
TMA	421478	5414383	0.07499	385	385	0 ANNUAL	EMRSS	5	
TMA	421478	5414403	0.0742	386.28	386.28	0 ANNUAL	EMRSS	5	
TMA	421478	5414423	0.0735	387.38	387.38	0 ANNUAL	EMRSS	5	
TMA	421478	5414443	0.07291	388.24	388.24	0 ANNUAL	EMRSS	5	
TMA	421498	5414263	0.07845	380.95	380.95	0 ANNUAL	EMRSS	5	
TMA	421498	5414283	0.07811	381.28	381.28	0 ANNUAL	EMRSS	5	
TMA	421498	5414303	0.07763	381.93	381.93	0 ANNUAL	EMRSS	5	
TMA	421498	5414323	0.07736	382.14	382.14	0 ANNUAL	EMRSS	5	
TMA	421498	5414343	0.07642	383.76	384	0 ANNUAL	EMRSS	5	
TMA	421498	5414363	0.07583	384.66	384.66	0 ANNUAL	EMRSS	5	
TMA	421498	5414383	0.0752	385.61	385.61	0 ANNUAL	EMRSS	5	
TMA	421498	5414403	0.07436	386.96	386.96	0 ANNUAL	EMRSS	5	
TMA	421498	5414423	0.07357	388.2	388.2	0 ANNUAL	EMRSS	5	
TMA	421498	5414443	0.07298	389.04	389.04	0 ANNUAL	EMRSS	5	
TMA	421518	5414263	0.07872	381.5	381.5	0 ANNUAL	EMRSS	5	
TMA	421518	5414283	0.07825	382.09	382.09	0 ANNUAL	EMRSS	5	
TMA	421518	5414303	0.07791	382.45	382.45	0 ANNUAL	EMRSS	5	
TMA	421518	5414323	0.07734	383.29	383.29	0 ANNUAL	EMRSS	5	
TMA	421518	5414343	0.07676	384.14	384.14	0 ANNUAL	EMRSS	5	
TMA	421518	5414363	0.07619	384.98	384.98	0 ANNUAL	EMRSS	5	
TMA	421518	5414383	0.07532	386.4	386.4	0 ANNUAL	EMRSS	5	
TMA	421518	5414403	0.07457	387.54	387.54	0 ANNUAL	EMRSS	5	
TMA	421518	5414423	0.07398	388.4	388.4	0 ANNUAL	EMRSS	5	
TMA	421518	5414443	0.07337	389.27	389.27	0 ANNUAL	EMRSS	5	
TMA	421538	5414263	0.07911	381.79	381.79	0 ANNUAL	EMRSS	5	
TMA	421538	5414283	0.07865	382.37	382.37	0 ANNUAL	EMRSS	5	
TMA	421538	5414303	0.07806	383.24	383.24	0 ANNUAL	EMRSS	5	
TMA	421538	5414323	0.07747	384.1	384.1	0 ANNUAL	EMRSS	5	
TMA	421538	5414343	0.07689	384.96	384.96	0 ANNUAL	EMRSS	5	
TMA	421538	5414363	0.07629	385.83	385.83	0 ANNUAL	EMRSS	5	
TMA	421538	5414383	0.0757	386.69	386.69	0 ANNUAL	EMRSS	5	
TMA	421538	5414403	0.0751	387.55	387.55	0 ANNUAL	EMRSS	5	
TMA	421538	5414423	0.0745	388.42	388.42	0 ANNUAL	EMRSS	5	
TMA	421538	5414443	0.07396	389.17	389.17	0 ANNUAL	EMRSS	5	
TMA	421558	5414263	0.07933	382.46	382.46	0 ANNUAL	EMRSS	5	
TMA	421558	5414283	0.07893	382.91	382.91	0 ANNUAL	EMRSS	5	
TMA	421558	5414303	0.0786	383.25	383.25	0 ANNUAL	EMRSS	5	
TMA	421558	5414323	0.07801	384.11	384.11	0 ANNUAL	EMRSS	5	
TMA	421558	5414343	0.07742	384.98	384.98	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
TMA	421558	5414363	0.07683	385.84	385.84	0 ANNUAL	EMRSS	5
TMA	421558	5414383	0.07623	386.7	386.7	0 ANNUAL	EMRSS	5
TMA	421558	5414403	0.07563	387.57	387.57	0 ANNUAL	EMRSS	5
TMA	421558	5414423	0.0752	388.12	388.12	0 ANNUAL	EMRSS	5
TMA	421558	5414443	0.07487	388.5	388.5	0 ANNUAL	EMRSS	5
TMA	421578	5414263	0.07985	382.53	382.53	0 ANNUAL	EMRSS	5
TMA	421578	5414283	0.07924	383.4	383.4	0 ANNUAL	EMRSS	5
TMA	421578	5414303	0.07878	384	384	0 ANNUAL	EMRSS	5
TMA	421578	5414323	0.07856	384.12	384.12	0 ANNUAL	EMRSS	5
TMA	421578	5414343	0.07797	384.99	384.99	0 ANNUAL	EMRSS	5
TMA	421578	5414363	0.07738	385.85	385.85	0 ANNUAL	EMRSS	5
TMA	421578	5414383	0.07681	386.66	386.66	0 ANNUAL	EMRSS	5
TMA	421578	5414403	0.0765	386.98	386.98	0 ANNUAL	EMRSS	5
TMA	421578	5414423	0.07614	387.42	387.42	0 ANNUAL	EMRSS	5
TMA	421578	5414443	0.07571	387.98	387.98	0 ANNUAL	EMRSS	5
TMA	421598	5414263	0.0804	382.55	382.55	0 ANNUAL	EMRSS	5
TMA	421598	5414283	0.0798	383.41	383.41	0 ANNUAL	EMRSS	5
TMA	421598	5414303	0.07934	384	384	0 ANNUAL	EMRSS	5
TMA	421598	5414323	0.07912	384.14	384.14	0 ANNUAL	EMRSS	5
TMA	421598	5414343	0.07853	385	385	0 ANNUAL	EMRSS	5
TMA	421598	5414363	0.07812	385.51	385.51	0 ANNUAL	EMRSS	5
TMA	421598	5414383	0.07778	385.89	385.89	0 ANNUAL	EMRSS	5
TMA	421598	5414403	0.0774	386.37	386.37	0 ANNUAL	EMRSS	5
TMA	421598	5414423	0.07712	386.65	386.65	0 ANNUAL	EMRSS	5
TMA	421598	5414443	0.07693	386.77	386.77	0 ANNUAL	EMRSS	5
TMA	421618	5414263	0.08097	382.56	382.56	0 ANNUAL	EMRSS	5
TMA	421618	5414283	0.08037	383.42	383.42	0 ANNUAL	EMRSS	5
TMA	421618	5414303	0.07992	384	384	0 ANNUAL	EMRSS	5
TMA	421618	5414323	0.07969	384.15	384.15	0 ANNUAL	EMRSS	5
TMA	421618	5414343	0.0791	385	385	0 ANNUAL	EMRSS	5
TMA	421618	5414363	0.07896	385	385	0 ANNUAL	EMRSS	5
TMA	421618	5414383	0.07871	385.23	385.23	0 ANNUAL	EMRSS	5
TMA	421618	5414403	0.07831	385.73	385.73	0 ANNUAL	EMRSS	5
TMA	421618	5414423	0.07804	386	386	0 ANNUAL	EMRSS	5
TMA	421618	5414443	0.07785	386.12	386.12	0 ANNUAL	EMRSS	5
TMA	421638	5414263	0.08155	382.57	382.57	0 ANNUAL	EMRSS	5
TMA	421638	5414283	0.08117	383	383	0 ANNUAL	EMRSS	5
TMA	421638	5414303	0.08086	383.3	383.3	0 ANNUAL	EMRSS	5
TMA	421638	5414323	0.08036	384	384	0 ANNUAL	EMRSS	5
TMA	421638	5414343	0.0802	384.02	384.02	0 ANNUAL	EMRSS	5
TMA	421638	5414363	0.07962	384.87	384.87	0 ANNUAL	EMRSS	5
TMA	421638	5414383	0.07941	385	385	0 ANNUAL	EMRSS	5
TMA	421638	5414403	0.07928	385.01	385.01	0 ANNUAL	EMRSS	5
TMA	421638	5414423	0.07914	385.03	385.03	0 ANNUAL	EMRSS	5
TMA	421638	5414443	0.079	385.05	385.05	0 ANNUAL	EMRSS	5
TMA	421658	5414263	0.08214	382.58	382.58	0 ANNUAL	EMRSS	5
TMA	421658	5414283	0.08177	383	383	0 ANNUAL	EMRSS	5
TMA	421658	5414303	0.08152	383.19	383.19	0 ANNUAL	EMRSS	5
TMA	421658	5414323	0.08111	383.7	383.7	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	421658	5414343	0.08081	384	384	0 ANNUAL	EMRSS	5	
TMA	421658	5414363	0.08067	384	384	0 ANNUAL	EMRSS	5	
TMA	421658	5414383	0.08053	384	384	0 ANNUAL	EMRSS	5	
TMA	421658	5414403	0.0804	384	384	0 ANNUAL	EMRSS	5	
TMA	421658	5414423	0.08027	384	384	0 ANNUAL	EMRSS	5	
TMA	421658	5414443	0.08014	384	384	0 ANNUAL	EMRSS	5	
TMA	421678	5414263	0.08274	382.59	382.59	0 ANNUAL	EMRSS	5	
TMA	421678	5414283	0.08238	383	383	0 ANNUAL	EMRSS	5	
TMA	421678	5414303	0.08222	383	383	0 ANNUAL	EMRSS	5	
TMA	421678	5414323	0.08205	383.06	383.06	0 ANNUAL	EMRSS	5	
TMA	421678	5414343	0.08176	383.34	383.34	0 ANNUAL	EMRSS	5	
TMA	421678	5414363	0.08161	383.36	383.36	0 ANNUAL	EMRSS	5	
TMA	421678	5414383	0.08146	383.38	383.38	0 ANNUAL	EMRSS	5	
TMA	421678	5414403	0.08132	383.4	383.4	0 ANNUAL	EMRSS	5	
TMA	421678	5414423	0.08118	383.41	383.41	0 ANNUAL	EMRSS	5	
TMA	421678	5414443	0.08103	383.43	383.43	0 ANNUAL	EMRSS	5	
TMA	421698	5414263	0.08335	382.61	382.61	0 ANNUAL	EMRSS	5	
TMA	421698	5414283	0.08299	383	383	0 ANNUAL	EMRSS	5	
TMA	421698	5414303	0.08285	383	383	0 ANNUAL	EMRSS	5	
TMA	421698	5414323	0.0827	383	383	0 ANNUAL	EMRSS	5	
TMA	421698	5414343	0.08256	383	383	0 ANNUAL	EMRSS	5	
TMA	421698	5414363	0.08241	383	383	0 ANNUAL	EMRSS	5	
TMA	421698	5414383	0.08228	383	383	0 ANNUAL	EMRSS	5	
TMA	421698	5414403	0.08214	383	383	0 ANNUAL	EMRSS	5	
TMA	421698	5414423	0.082	383	383	0 ANNUAL	EMRSS	5	
TMA	421698	5414443	0.08203	382.67	382.67	0 ANNUAL	EMRSS	5	
TMA	421718	5414263	0.08391	382.75	382.75	0 ANNUAL	EMRSS	5	
TMA	421718	5414283	0.08363	383	383	0 ANNUAL	EMRSS	5	
TMA	421718	5414303	0.08347	383	383	0 ANNUAL	EMRSS	5	
TMA	421718	5414323	0.08333	383	383	0 ANNUAL	EMRSS	5	
TMA	421718	5414343	0.08319	383	383	0 ANNUAL	EMRSS	5	
TMA	421718	5414363	0.08305	383	383	0 ANNUAL	EMRSS	5	
TMA	421718	5414383	0.083	382.81	382.81	0 ANNUAL	EMRSS	5	
TMA	421718	5414403	0.08288	382.78	382.78	0 ANNUAL	EMRSS	5	
TMA	421718	5414423	0.08294	382.38	382.38	0 ANNUAL	EMRSS	5	
TMA	421718	5414443	0.08299	382	382	0 ANNUAL	EMRSS	5	
TMA	421738	5414263	0.08442	383	383	0 ANNUAL	EMRSS	5	
TMA	421738	5414283	0.08426	383	383	0 ANNUAL	EMRSS	5	
TMA	421738	5414303	0.08412	383	383	0 ANNUAL	EMRSS	5	
TMA	421738	5414323	0.08397	383	383	0 ANNUAL	EMRSS	5	
TMA	421738	5414343	0.08383	383	383	0 ANNUAL	EMRSS	5	
TMA	421738	5414363	0.08368	383	383	0 ANNUAL	EMRSS	5	
TMA	421738	5414383	0.08396	382.19	382.19	0 ANNUAL	EMRSS	5	
TMA	421738	5414403	0.08391	382	382	0 ANNUAL	EMRSS	5	
TMA	421738	5414423	0.08377	382	382	0 ANNUAL	EMRSS	5	
TMA	421738	5414443	0.08373	381.8	381.8	0 ANNUAL	EMRSS	5	
TMA	421758	5414263	0.08453	383.97	383.97	0 ANNUAL	EMRSS	5	
TMA	421758	5414283	0.0844	383.95	383.95	0 ANNUAL	EMRSS	5	
TMA	421758	5414303	0.08445	383.59	383.59	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	421758	5414323	0.08462	383	383	0 ANNUAL	EMRSS	5	
TMA	421758	5414343	0.08448	383	383	0 ANNUAL	EMRSS	5	
TMA	421758	5414363	0.08433	383	383	0 ANNUAL	EMRSS	5	
TMA	421758	5414383	0.08462	382.18	382.18	0 ANNUAL	EMRSS	5	
TMA	421758	5414403	0.08457	382	382	0 ANNUAL	EMRSS	5	
TMA	421758	5414423	0.08465	381.55	381.55	0 ANNUAL	EMRSS	5	
TMA	421758	5414443	0.08472	381.12	381.12	0 ANNUAL	EMRSS	5	
TMA	421778	5414263	0.08501	384.28	384.28	0 ANNUAL	EMRSS	5	
TMA	421778	5414283	0.08488	384.26	384.26	0 ANNUAL	EMRSS	5	
TMA	421778	5414303	0.08479	384.15	384.15	0 ANNUAL	EMRSS	5	
TMA	421778	5414323	0.08484	383.81	383.81	0 ANNUAL	EMRSS	5	
TMA	421778	5414343	0.08504	383.18	383.18	0 ANNUAL	EMRSS	5	
TMA	421778	5414363	0.08499	383.01	383.01	0 ANNUAL	EMRSS	5	
TMA	421778	5414383	0.08522	382.3	382.3	0 ANNUAL	EMRSS	5	
TMA	421778	5414403	0.08521	382.04	382.04	0 ANNUAL	EMRSS	5	
TMA	421778	5414423	0.08537	381.44	381.44	0 ANNUAL	EMRSS	5	
TMA	421778	5414443	0.08544	381	381	0 ANNUAL	EMRSS	5	
TMA	421798	5414263	0.0849	385.59	385.59	0 ANNUAL	EMRSS	5	
TMA	421798	5414283	0.08495	385.27	385.27	0 ANNUAL	EMRSS	5	
TMA	421798	5414303	0.08507	384.82	384.82	0 ANNUAL	EMRSS	5	
TMA	421798	5414323	0.08518	384.39	384.39	0 ANNUAL	EMRSS	5	
TMA	421798	5414343	0.08529	383.94	383.94	0 ANNUAL	EMRSS	5	
TMA	421798	5414363	0.08539	383.5	383.5	0 ANNUAL	EMRSS	5	
TMA	421798	5414383	0.08548	383.07	383.07	0 ANNUAL	EMRSS	5	
TMA	421798	5414403	0.08575	382.29	382.29	0 ANNUAL	EMRSS	5	
TMA	421798	5414423	0.08592	381.68	381.68	0 ANNUAL	EMRSS	5	
TMA	421798	5414443	0.086	381.24	381.24	0 ANNUAL	EMRSS	5	
TMA	421818	5414263	0.08514	386.29	386.29	0 ANNUAL	EMRSS	5	
TMA	421818	5414283	0.08522	385.93	385.93	0 ANNUAL	EMRSS	5	
TMA	421818	5414303	0.08533	385.51	385.51	0 ANNUAL	EMRSS	5	
TMA	421818	5414323	0.08552	384.96	384.96	0 ANNUAL	EMRSS	5	
TMA	421818	5414343	0.08552	384.71	384.71	0 ANNUAL	EMRSS	5	
TMA	421818	5414363	0.08578	384	384	0 ANNUAL	EMRSS	5	
TMA	421818	5414383	0.08612	383.14	383.14	0 ANNUAL	EMRSS	5	
TMA	421818	5414403	0.08614	382.83	382.83	0 ANNUAL	EMRSS	5	
TMA	421818	5414423	0.08627	382.31	382.31	0 ANNUAL	EMRSS	5	
TMA	421818	5414443	0.08652	381.55	381.55	0 ANNUAL	EMRSS	5	
TMA	421838	5414263	0.08523	387.2	387.2	0 ANNUAL	EMRSS	5	
TMA	421838	5414283	0.08509	387.19	387.19	0 ANNUAL	EMRSS	5	
TMA	421838	5414303	0.08524	386.75	386.75	0 ANNUAL	EMRSS	5	
TMA	421838	5414323	0.08564	385.87	385.87	0 ANNUAL	EMRSS	5	
TMA	421838	5414343	0.08596	385.11	385.11	0 ANNUAL	EMRSS	5	
TMA	421838	5414363	0.08589	384.99	384.99	0 ANNUAL	EMRSS	5	
TMA	421838	5414383	0.08625	384.13	384.13	0 ANNUAL	EMRSS	5	
TMA	421838	5414403	0.08659	383.26	383.26	0 ANNUAL	EMRSS	5	
TMA	421838	5414423	0.08691	382.4	382.4	0 ANNUAL	EMRSS	5	
TMA	421838	5414443	0.08721	381.54	381.54	0 ANNUAL	EMRSS	5	
TMA	421858	5414263	0.08502	388.51	388.51	0 ANNUAL	EMRSS	5	
TMA	421858	5414283	0.08509	388.21	388.21	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	421858	5414303	0.08524	387.78	387.78	0 ANNUAL	EMRSS	5	
TMA	421858	5414323	0.0855	387.17	387.17	0 ANNUAL	EMRSS	5	
TMA	421858	5414343	0.08593	386.28	386.28	0 ANNUAL	EMRSS	5	
TMA	421858	5414363	0.08633	385.4	385.4	0 ANNUAL	EMRSS	5	
TMA	421858	5414383	0.08671	384.52	384.52	0 ANNUAL	EMRSS	5	
TMA	421858	5414403	0.08707	383.64	383.64	0 ANNUAL	EMRSS	5	
TMA	421858	5414423	0.08741	382.76	382.76	0 ANNUAL	EMRSS	5	
TMA	421858	5414443	0.08774	381.87	381.87	0 ANNUAL	EMRSS	5	
TMA	421878	5414263	0.08478	389.82	389.82	0 ANNUAL	EMRSS	5	
TMA	421878	5414283	0.08506	389.23	389.23	0 ANNUAL	EMRSS	5	
TMA	421878	5414303	0.08547	388.44	388.44	0 ANNUAL	EMRSS	5	
TMA	421878	5414323	0.08584	387.69	387.69	0 ANNUAL	EMRSS	5	
TMA	421878	5414343	0.08618	386.96	386.96	0 ANNUAL	EMRSS	5	
TMA	421878	5414363	0.0862	386.7	386.7	0 ANNUAL	EMRSS	5	
TMA	421878	5414383	0.08661	385.82	385.82	0 ANNUAL	EMRSS	5	
TMA	421878	5414403	0.08732	384.41	384.41	0 ANNUAL	EMRSS	5	
TMA	421878	5414423	0.08776	383.38	383.38	0 ANNUAL	EMRSS	5	
TMA	421878	5414443	0.0881	382.51	382.51	0 ANNUAL	EMRSS	5	
TMA	421898	5414263	0.08529	390.04	390.04	0 ANNUAL	EMRSS	5	
TMA	421898	5414283	0.08518	390	390	0 ANNUAL	EMRSS	5	
TMA	421898	5414303	0.08537	389.55	389.55	0 ANNUAL	EMRSS	5	
TMA	421898	5414323	0.08582	388.71	388.71	0 ANNUAL	EMRSS	5	
TMA	421898	5414343	0.08625	387.88	387.88	0 ANNUAL	EMRSS	5	
TMA	421898	5414363	0.08669	387	387	0 ANNUAL	EMRSS	5	
TMA	421898	5414383	0.08712	386.11	386.11	0 ANNUAL	EMRSS	5	
TMA	421898	5414403	0.08752	385.23	385.23	0 ANNUAL	EMRSS	5	
TMA	421898	5414423	0.08791	384.35	384.35	0 ANNUAL	EMRSS	5	
TMA	421898	5414443	0.08827	383.47	383.47	0 ANNUAL	EMRSS	5	
TMA	421918	5414263	0.08556	390.59	390.59	0 ANNUAL	EMRSS	5	
TMA	421918	5414283	0.08573	390.17	390.17	0 ANNUAL	EMRSS	5	
TMA	421918	5414303	0.08592	389.72	389.72	0 ANNUAL	EMRSS	5	
TMA	421918	5414323	0.08611	389.26	389.26	0 ANNUAL	EMRSS	5	
TMA	421918	5414343	0.08624	388.88	388.88	0 ANNUAL	EMRSS	5	
TMA	421918	5414363	0.08651	388.29	388.29	0 ANNUAL	EMRSS	5	
TMA	421918	5414383	0.08697	387.41	387.41	0 ANNUAL	EMRSS	5	
TMA	421918	5414403	0.0874	386.53	386.53	0 ANNUAL	EMRSS	5	
TMA	421918	5414423	0.08793	385.46	385.46	0 ANNUAL	EMRSS	5	
TMA	421918	5414443	0.0886	384.12	384.12	0 ANNUAL	EMRSS	5	
TMA	421938	5414263	0.08593	391	391	0 ANNUAL	EMRSS	5	
TMA	421938	5414283	0.08592	390.84	390.84	0 ANNUAL	EMRSS	5	
TMA	421938	5414303	0.08613	390.37	390.37	0 ANNUAL	EMRSS	5	
TMA	421938	5414323	0.08634	389.9	389.9	0 ANNUAL	EMRSS	5	
TMA	421938	5414343	0.08646	389.54	389.54	0 ANNUAL	EMRSS	5	
TMA	421938	5414363	0.08675	388.93	388.93	0 ANNUAL	EMRSS	5	
TMA	421938	5414383	0.08721	388.07	388.07	0 ANNUAL	EMRSS	5	
TMA	421938	5414403	0.08766	387.2	387.2	0 ANNUAL	EMRSS	5	
TMA	421938	5414423	0.08825	386.08	386.08	0 ANNUAL	EMRSS	5	
TMA	421938	5414443	0.08874	385.06	385.06	0 ANNUAL	EMRSS	5	
TMA	421958	5414263	0.08662	391	391	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	421958	5414283	0.08648	391	391	0 ANNUAL	EMRSS	5	
TMA	421958	5414303	0.08634	391	391	0 ANNUAL	EMRSS	5	
TMA	421958	5414323	0.0862	391	391	0 ANNUAL	EMRSS	5	
TMA	421958	5414343	0.08623	390.77	390.77	0 ANNUAL	EMRSS	5	
TMA	421958	5414363	0.08675	389.89	389.89	0 ANNUAL	EMRSS	5	
TMA	421958	5414383	0.08725	389	389	0 ANNUAL	EMRSS	5	
TMA	421958	5414403	0.08773	388.12	388.12	0 ANNUAL	EMRSS	5	
TMA	421958	5414423	0.08818	387.24	387.24	0 ANNUAL	EMRSS	5	
TMA	421958	5414443	0.08888	385.88	388	0 ANNUAL	EMRSS	5	
TMA	421978	5414263	0.08732	391	391	0 ANNUAL	EMRSS	5	
TMA	421978	5414283	0.08717	391	391	0 ANNUAL	EMRSS	5	
TMA	421978	5414303	0.08703	391	391	0 ANNUAL	EMRSS	5	
TMA	421978	5414323	0.08689	391	391	0 ANNUAL	EMRSS	5	
TMA	421978	5414343	0.08674	391	391	0 ANNUAL	EMRSS	5	
TMA	421978	5414363	0.08667	390.91	390.91	0 ANNUAL	EMRSS	5	
TMA	421978	5414383	0.08718	390.04	390.04	0 ANNUAL	EMRSS	5	
TMA	421978	5414403	0.08752	389.38	389.38	0 ANNUAL	EMRSS	5	
TMA	421978	5414423	0.08809	388.39	388.39	0 ANNUAL	EMRSS	5	
TMA	421978	5414443	0.08889	387.02	387.02	0 ANNUAL	EMRSS	5	
TMA	421998	5414263	0.08813	390.86	390.86	0 ANNUAL	EMRSS	5	
TMA	421998	5414283	0.08787	391	391	0 ANNUAL	EMRSS	5	
TMA	421998	5414303	0.08773	391	391	0 ANNUAL	EMRSS	5	
TMA	421998	5414323	0.08758	391	391	0 ANNUAL	EMRSS	5	
TMA	421998	5414343	0.08744	391	391	0 ANNUAL	EMRSS	5	
TMA	421998	5414363	0.08732	390.96	390.96	0 ANNUAL	EMRSS	5	
TMA	421998	5414383	0.08746	390.58	390.58	0 ANNUAL	EMRSS	5	
TMA	421998	5414403	0.08769	390.09	390.09	0 ANNUAL	EMRSS	5	
TMA	421998	5414423	0.08836	388.98	388.98	0 ANNUAL	EMRSS	5	
TMA	421998	5414443	0.08915	387.67	387.67	0 ANNUAL	EMRSS	5	
TMA	422018	5414263	0.08889	390.8	390.8	0 ANNUAL	EMRSS	5	
TMA	422018	5414283	0.08858	391	391	0 ANNUAL	EMRSS	5	
TMA	422018	5414303	0.08843	391	391	0 ANNUAL	EMRSS	5	
TMA	422018	5414323	0.08829	391	391	0 ANNUAL	EMRSS	5	
TMA	422018	5414343	0.08814	391	391	0 ANNUAL	EMRSS	5	
TMA	422018	5414363	0.08799	391	391	0 ANNUAL	EMRSS	5	
TMA	422018	5414383	0.08784	391	391	0 ANNUAL	EMRSS	5	
TMA	422018	5414403	0.08834	390.16	390.16	0 ANNUAL	EMRSS	5	
TMA	422018	5414423	0.08884	389.29	389.29	0 ANNUAL	EMRSS	5	
TMA	422018	5414443	0.08973	387.86	387.86	0 ANNUAL	EMRSS	5	
TMA	422038	5414263	0.09025	390	390	0 ANNUAL	EMRSS	5	
TMA	422038	5414283	0.08956	390.68	390.68	0 ANNUAL	EMRSS	5	
TMA	422038	5414303	0.08915	391	391	0 ANNUAL	EMRSS	5	
TMA	422038	5414323	0.089	391	391	0 ANNUAL	EMRSS	5	
TMA	422038	5414343	0.08885	391	391	0 ANNUAL	EMRSS	5	
TMA	422038	5414363	0.08869	391	391	0 ANNUAL	EMRSS	5	
TMA	422038	5414383	0.08854	391	391	0 ANNUAL	EMRSS	5	
TMA	422038	5414403	0.08894	390.29	390.29	0 ANNUAL	EMRSS	5	
TMA	422038	5414423	0.08945	389.43	389.43	0 ANNUAL	EMRSS	5	
TMA	422038	5414443	0.09032	387.96	390	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	422058	5414243	0.09117	389.96	389.96	0 ANNUAL	EMRSS	5	
TMA	422058	5414263	0.09099	390	390	0 ANNUAL	EMRSS	5	
TMA	422058	5414283	0.09061	390.28	390.28	0 ANNUAL	EMRSS	5	
TMA	422058	5414303	0.09007	390.75	390.75	0 ANNUAL	EMRSS	5	
TMA	422058	5414323	0.08972	391	391	0 ANNUAL	EMRSS	5	
TMA	422058	5414343	0.08956	391	391	0 ANNUAL	EMRSS	5	
TMA	422058	5414363	0.08941	391	391	0 ANNUAL	EMRSS	5	
TMA	422058	5414383	0.08925	391	391	0 ANNUAL	EMRSS	5	
TMA	422058	5414403	0.08909	391	391	0 ANNUAL	EMRSS	5	
TMA	422058	5414423	0.08951	390.27	390.27	0 ANNUAL	EMRSS	5	
TMA	422058	5414443	0.09047	388.81	388.81	0 ANNUAL	EMRSS	5	
TMA	422078	5414243	0.09264	389.07	389.07	0 ANNUAL	EMRSS	5	
TMA	422078	5414263	0.09186	389.85	389.85	0 ANNUAL	EMRSS	5	
TMA	422078	5414283	0.09158	390	390	0 ANNUAL	EMRSS	5	
TMA	422078	5414303	0.09136	390.07	390.07	0 ANNUAL	EMRSS	5	
TMA	422078	5414323	0.09084	390.51	390.51	0 ANNUAL	EMRSS	5	
TMA	422078	5414343	0.09029	391	391	0 ANNUAL	EMRSS	5	
TMA	422078	5414363	0.09013	391	391	0 ANNUAL	EMRSS	5	
TMA	422078	5414383	0.08998	390.99	390.99	0 ANNUAL	EMRSS	5	
TMA	422078	5414403	0.09036	390.31	390.31	0 ANNUAL	EMRSS	5	
TMA	422078	5414423	0.09039	390.06	390.06	0 ANNUAL	EMRSS	5	
TMA	422078	5414443	0.09121	388.79	388.79	0 ANNUAL	EMRSS	5	
TMA	422098	5414243	0.09367	388.74	388.74	0 ANNUAL	EMRSS	5	
TMA	422098	5414263	0.09333	388.97	388.97	0 ANNUAL	EMRSS	5	
TMA	422098	5414283	0.09268	389.57	389.57	0 ANNUAL	EMRSS	5	
TMA	422098	5414303	0.09223	389.92	389.92	0 ANNUAL	EMRSS	5	
TMA	422098	5414323	0.092	390	390	0 ANNUAL	EMRSS	5	
TMA	422098	5414343	0.09162	390.26	390.26	0 ANNUAL	EMRSS	5	
TMA	422098	5414363	0.09109	390.72	390.72	0 ANNUAL	EMRSS	5	
TMA	422098	5414383	0.0915	390	390	0 ANNUAL	EMRSS	5	
TMA	422098	5414403	0.09134	390	390	0 ANNUAL	EMRSS	5	
TMA	422098	5414423	0.09177	389.24	389.24	0 ANNUAL	EMRSS	5	
TMA	422098	5414443	0.09226	388.38	388.38	0 ANNUAL	EMRSS	5	
TMA	422118	5414243	0.09548	387.45	387.45	0 ANNUAL	EMRSS	5	
TMA	422118	5414263	0.09461	388.33	388.33	0 ANNUAL	EMRSS	5	
TMA	422118	5414283	0.09432	388.49	388.49	0 ANNUAL	EMRSS	5	
TMA	422118	5414303	0.09366	389.09	389.09	0 ANNUAL	EMRSS	5	
TMA	422118	5414323	0.09315	389.52	389.52	0 ANNUAL	EMRSS	5	
TMA	422118	5414343	0.09296	389.54	389.54	0 ANNUAL	EMRSS	5	
TMA	422118	5414363	0.09277	389.56	389.56	0 ANNUAL	EMRSS	5	
TMA	422118	5414383	0.09258	389.58	389.58	0 ANNUAL	EMRSS	5	
TMA	422118	5414403	0.09239	389.6	389.6	0 ANNUAL	EMRSS	5	
TMA	422118	5414423	0.09281	388.85	388.85	0 ANNUAL	EMRSS	5	
TMA	422118	5414443	0.09329	388	388	0 ANNUAL	EMRSS	5	
TMA	422138	5414243	0.09663	387	387	0 ANNUAL	EMRSS	5	
TMA	422138	5414263	0.09635	387.14	387.14	0 ANNUAL	EMRSS	5	
TMA	422138	5414283	0.09567	387.78	387.78	0 ANNUAL	EMRSS	5	
TMA	422138	5414303	0.09522	388.12	388.12	0 ANNUAL	EMRSS	5	
TMA	422138	5414323	0.09468	388.58	388.58	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	422138	5414343	0.09416	389	389	0 ANNUAL	EMRSS	5	
TMA	422138	5414363	0.09398	389	389	0 ANNUAL	EMRSS	5	
TMA	422138	5414383	0.09384	388.96	388.96	0 ANNUAL	EMRSS	5	
TMA	422138	5414403	0.09414	388.35	388.35	0 ANNUAL	EMRSS	5	
TMA	422138	5414423	0.09417	388.07	388.07	0 ANNUAL	EMRSS	5	
TMA	422138	5414443	0.09453	387.36	387.36	0 ANNUAL	EMRSS	5	
TMA	422158	5414243	0.09834	385.84	385.84	0 ANNUAL	EMRSS	5	
TMA	422158	5414263	0.09805	385.98	385.98	0 ANNUAL	EMRSS	5	
TMA	422158	5414283	0.09735	386.65	386.65	0 ANNUAL	EMRSS	5	
TMA	422158	5414303	0.09693	386.96	386.96	0 ANNUAL	EMRSS	5	
TMA	422158	5414323	0.09638	387.43	387.43	0 ANNUAL	EMRSS	5	
TMA	422158	5414343	0.09581	387.92	387.92	0 ANNUAL	EMRSS	5	
TMA	422158	5414363	0.0956	387.94	387.94	0 ANNUAL	EMRSS	5	
TMA	422158	5414383	0.0954	387.96	387.96	0 ANNUAL	EMRSS	5	
TMA	422158	5414403	0.09519	387.98	387.98	0 ANNUAL	EMRSS	5	
TMA	422158	5414423	0.0956	387.2	387.2	0 ANNUAL	EMRSS	5	
TMA	422158	5414443	0.09603	386.36	386.36	0 ANNUAL	EMRSS	5	
TMA	422178	5414243	0.10013	384.56	384.56	0 ANNUAL	EMRSS	5	
TMA	422178	5414263	0.09929	385.44	385.44	0 ANNUAL	EMRSS	5	
TMA	422178	5414283	0.09901	385.56	385.56	0 ANNUAL	EMRSS	5	
TMA	422178	5414303	0.09833	386.2	386.2	0 ANNUAL	EMRSS	5	
TMA	422178	5414323	0.09783	386.6	386.6	0 ANNUAL	EMRSS	5	
TMA	422178	5414343	0.09762	386.61	386.61	0 ANNUAL	EMRSS	5	
TMA	422178	5414363	0.09741	386.63	386.63	0 ANNUAL	EMRSS	5	
TMA	422178	5414383	0.0972	386.65	386.65	0 ANNUAL	EMRSS	5	
TMA	422178	5414403	0.09698	386.67	386.67	0 ANNUAL	EMRSS	5	
TMA	422178	5414423	0.09718	386.13	386.13	0 ANNUAL	EMRSS	5	
TMA	422178	5414443	0.09721	385.8	385.8	0 ANNUAL	EMRSS	5	
TMA	422198	5414243	0.10193	383.26	383.26	0 ANNUAL	EMRSS	5	
TMA	422198	5414263	0.10109	384.14	384.14	0 ANNUAL	EMRSS	5	
TMA	422198	5414283	0.10039	384.83	384.83	0 ANNUAL	EMRSS	5	
TMA	422198	5414303	0.09993	385.17	385.17	0 ANNUAL	EMRSS	5	
TMA	422198	5414323	0.09964	385.29	385.29	0 ANNUAL	EMRSS	5	
TMA	422198	5414343	0.09923	385.56	385.56	0 ANNUAL	EMRSS	5	
TMA	422198	5414363	0.09869	386	386	0 ANNUAL	EMRSS	5	
TMA	422198	5414383	0.09853	385.94	385.94	0 ANNUAL	EMRSS	5	
TMA	422198	5414403	0.09872	385.39	385.39	0 ANNUAL	EMRSS	5	
TMA	422198	5414423	0.09852	385.38	385.38	0 ANNUAL	EMRSS	5	
TMA	422198	5414443	0.09848	385.13	385.13	0 ANNUAL	EMRSS	5	
TMA	422218	5414243	0.10305	382.91	382.91	0 ANNUAL	EMRSS	5	
TMA	422218	5414263	0.10278	382.99	382.99	0 ANNUAL	EMRSS	5	
TMA	422218	5414283	0.10203	383.74	383.74	0 ANNUAL	EMRSS	5	
TMA	422218	5414303	0.10164	383.99	383.99	0 ANNUAL	EMRSS	5	
TMA	422218	5414323	0.10105	384.5	384.5	0 ANNUAL	EMRSS	5	
TMA	422218	5414343	0.10047	385	385	0 ANNUAL	EMRSS	5	
TMA	422218	5414363	0.10024	385.01	385.01	0 ANNUAL	EMRSS	5	
TMA	422218	5414383	0.10001	385.03	385.03	0 ANNUAL	EMRSS	5	
TMA	422218	5414403	0.09981	385	385	0 ANNUAL	EMRSS	5	
TMA	422218	5414423	0.09958	385	385	0 ANNUAL	EMRSS	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	422218	5414443	0.0998	384.37	384.37	0 ANNUAL	EMRSS	5	
TMA	422238	5414243	0.10479	381.67	381.67	0 ANNUAL	EMRSS	5	
TMA	422238	5414263	0.10396	382.55	382.55	0 ANNUAL	EMRSS	5	
TMA	422238	5414283	0.10368	382.63	382.63	0 ANNUAL	EMRSS	5	
TMA	422238	5414303	0.10298	383.31	383.31	0 ANNUAL	EMRSS	5	
TMA	422238	5414323	0.1025	383.67	383.67	0 ANNUAL	EMRSS	5	
TMA	422238	5414343	0.10217	383.81	383.81	0 ANNUAL	EMRSS	5	
TMA	422238	5414363	0.1018	384	384	0 ANNUAL	EMRSS	5	
TMA	422238	5414383	0.10157	384	384	0 ANNUAL	EMRSS	5	
TMA	422238	5414403	0.10133	384	384	0 ANNUAL	EMRSS	5	
TMA	422238	5414423	0.10123	383.8	383.8	0 ANNUAL	EMRSS	5	
TMA	422238	5414443	0.101	383.78	383.78	0 ANNUAL	EMRSS	5	
TMA	422258	5414243	0.10613	381.02	381.02	0 ANNUAL	EMRSS	5	
TMA	422258	5414263	0.10572	381.29	381.29	0 ANNUAL	EMRSS	5	
TMA	422258	5414283	0.10508	381.87	381.87	0 ANNUAL	EMRSS	5	
TMA	422258	5414303	0.1046	382.23	382.23	0 ANNUAL	EMRSS	5	
TMA	422258	5414323	0.10404	382.7	382.7	0 ANNUAL	EMRSS	5	
TMA	422258	5414343	0.10348	383.15	383.15	0 ANNUAL	EMRSS	5	
TMA	422258	5414363	0.10306	383.4	383.4	0 ANNUAL	EMRSS	5	
TMA	422258	5414383	0.10281	383.41	383.41	0 ANNUAL	EMRSS	5	
TMA	422258	5414403	0.10254	383.43	383.43	0 ANNUAL	EMRSS	5	
TMA	422258	5414423	0.10254	383.07	383.07	0 ANNUAL	EMRSS	5	
TMA	422258	5414443	0.10233	383	383	0 ANNUAL	EMRSS	5	
TMA	422278	5414243	0.10766	380.09	380.09	0 ANNUAL	EMRSS	5	
TMA	422278	5414263	0.10684	380.96	380.96	0 ANNUAL	EMRSS	5	
TMA	422278	5414283	0.10656	381.01	381.01	0 ANNUAL	EMRSS	5	
TMA	422278	5414303	0.10585	381.69	381.69	0 ANNUAL	EMRSS	5	
TMA	422278	5414323	0.10536	382.03	382.03	0 ANNUAL	EMRSS	5	
TMA	422278	5414343	0.10508	382.07	382.07	0 ANNUAL	EMRSS	5	
TMA	422278	5414363	0.10481	382.09	382.09	0 ANNUAL	EMRSS	5	
TMA	422278	5414383	0.10453	382.11	382.11	0 ANNUAL	EMRSS	5	
TMA	422278	5414403	0.10426	382.12	382.12	0 ANNUAL	EMRSS	5	
TMA	422278	5414423	0.10398	382.14	382.14	0 ANNUAL	EMRSS	5	
TMA	422278	5414443	0.10369	382.16	382.16	0 ANNUAL	EMRSS	5	
TMA	422298	5414243	0.1086	380.07	380.07	0 ANNUAL	EMRSS	5	
TMA	422298	5414263	0.10794	380.67	380.67	0 ANNUAL	EMRSS	5	
TMA	422298	5414283	0.10749	380.95	380.95	0 ANNUAL	EMRSS	5	
TMA	422298	5414303	0.10719	381	381	0 ANNUAL	EMRSS	5	
TMA	422298	5414323	0.10665	381.41	381.41	0 ANNUAL	EMRSS	5	
TMA	422298	5414343	0.10615	381.76	381.76	0 ANNUAL	EMRSS	5	
TMA	422298	5414363	0.10586	381.78	381.78	0 ANNUAL	EMRSS	5	
TMA	422298	5414383	0.10557	381.8	381.8	0 ANNUAL	EMRSS	5	
TMA	422298	5414403	0.10529	381.81	381.81	0 ANNUAL	EMRSS	5	
TMA	422298	5414423	0.10499	381.83	381.83	0 ANNUAL	EMRSS	5	
TMA	422298	5414443	0.10469	381.85	381.85	0 ANNUAL	EMRSS	5	
TMA	422318	5414243	0.10957	380	380	0 ANNUAL	EMRSS	5	
TMA	422318	5414263	0.1093	380	380	0 ANNUAL	EMRSS	5	
TMA	422318	5414283	0.1088	380.33	380.33	0 ANNUAL	EMRSS	5	
TMA	422318	5414303	0.10819	380.83	380.83	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	422318	5414323	0.1078	381	381	0 ANNUAL	EMRSS	5	
TMA	422318	5414343	0.10752	381	381	0 ANNUAL	EMRSS	5	
TMA	422318	5414363	0.10723	381	381	0 ANNUAL	EMRSS	5	
TMA	422318	5414383	0.10694	381	381	0 ANNUAL	EMRSS	5	
TMA	422318	5414403	0.10665	381	381	0 ANNUAL	EMRSS	5	
TMA	422318	5414423	0.10634	381	381	0 ANNUAL	EMRSS	5	
TMA	422318	5414443	0.10604	381	381	0 ANNUAL	EMRSS	5	
TMA	422338	5414243	0.11049	380	380	0 ANNUAL	EMRSS	5	
TMA	422338	5414263	0.11021	380	380	0 ANNUAL	EMRSS	5	
TMA	422338	5414283	0.10993	380	380	0 ANNUAL	EMRSS	5	
TMA	422338	5414303	0.10958	380.08	380.08	0 ANNUAL	EMRSS	5	
TMA	422338	5414323	0.10926	380.12	380.12	0 ANNUAL	EMRSS	5	
TMA	422338	5414343	0.10895	380.14	380.14	0 ANNUAL	EMRSS	5	
TMA	422338	5414363	0.10864	380.16	380.16	0 ANNUAL	EMRSS	5	
TMA	422338	5414383	0.10831	380.18	380.18	0 ANNUAL	EMRSS	5	
TMA	422338	5414403	0.10797	380.23	380.23	0 ANNUAL	EMRSS	5	
TMA	422338	5414423	0.1072	380.92	380.92	0 ANNUAL	EMRSS	5	
TMA	422338	5414443	0.10683	381	381	0 ANNUAL	EMRSS	5	
TMA	422358	5414243	0.11203	379.1	379.1	0 ANNUAL	EMRSS	5	
TMA	422358	5414263	0.11129	379.76	379.76	0 ANNUAL	EMRSS	5	
TMA	422358	5414283	0.11085	379.97	379.97	0 ANNUAL	EMRSS	5	
TMA	422358	5414303	0.11052	380	380	0 ANNUAL	EMRSS	5	
TMA	422358	5414323	0.11022	380	380	0 ANNUAL	EMRSS	5	
TMA	422358	5414343	0.10991	380	380	0 ANNUAL	EMRSS	5	
TMA	422358	5414363	0.10959	380	380	0 ANNUAL	EMRSS	5	
TMA	422358	5414383	0.10927	380	380	0 ANNUAL	EMRSS	5	
TMA	422358	5414403	0.10894	380	380	0 ANNUAL	EMRSS	5	
TMA	422358	5414423	0.1086	380	380	0 ANNUAL	EMRSS	5	
TMA	422358	5414443	0.10826	380	380	0 ANNUAL	EMRSS	5	
TMA	420878	5414493	0.06589	375	375	0 ANNUAL	EMRSS	5	
TMA	420878	5414543	0.06532	375	375	0 ANNUAL	EMRSS	5	
TMA	420878	5414593	0.06467	375.35	375.35	0 ANNUAL	EMRSS	5	
TMA	420878	5414643	0.06322	378.49	378.49	0 ANNUAL	EMRSS	5	
TMA	420878	5414693	0.06227	380	380	0 ANNUAL	EMRSS	5	
TMA	420878	5414743	0.06152	381	381	0 ANNUAL	EMRSS	5	
TMA	420878	5414793	0.06082	381.99	381.99	0 ANNUAL	EMRSS	5	
TMA	420878	5414843	0.06042	382.15	382.15	0 ANNUAL	EMRSS	5	
TMA	420878	5414893	0.05982	383.07	383.07	0 ANNUAL	EMRSS	5	
TMA	420878	5414943	0.05925	384	384	0 ANNUAL	EMRSS	5	
TMA	420878	5414993	0.05901	384	384	0 ANNUAL	EMRSS	5	
TMA	420878	5415043	0.05867	384.35	384.35	0 ANNUAL	EMRSS	5	
TMA	420878	5415093	0.05826	385	385	0 ANNUAL	EMRSS	5	
TMA	420878	5415143	0.05792	385.5	385.5	0 ANNUAL	EMRSS	5	
TMA	420878	5415193	0.05758	386	386	0 ANNUAL	EMRSS	5	
TMA	420928	5414493	0.06666	375	375	0 ANNUAL	EMRSS	5	
TMA	420928	5414543	0.06609	375	375	0 ANNUAL	EMRSS	5	
TMA	420928	5414593	0.06545	375.38	375.38	0 ANNUAL	EMRSS	5	
TMA	420928	5414643	0.06431	377.54	377.54	0 ANNUAL	EMRSS	5	
TMA	420928	5414693	0.06342	378.93	378.93	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr Num	Year	Net ID
TMA	420928	5414743	0.06267	380	380	0 ANNUAL	EMRSS	5
TMA	420928	5414793	0.06198	381.02	381.02	0 ANNUAL	EMRSS	5
TMA	420928	5414843	0.06134	382	382	0 ANNUAL	EMRSS	5
TMA	420928	5414893	0.06074	382.96	382.96	0 ANNUAL	EMRSS	5
TMA	420928	5414943	0.06047	383	383	0 ANNUAL	EMRSS	5
TMA	420928	5414993	0.06023	383	383	0 ANNUAL	EMRSS	5
TMA	420928	5415043	0.05999	383.07	383.07	0 ANNUAL	EMRSS	5
TMA	420928	5415093	0.05977	383.13	383.13	0 ANNUAL	EMRSS	5
TMA	420928	5415143	0.05926	384.17	384.17	0 ANNUAL	EMRSS	5
TMA	420928	5415193	0.05879	385.06	385.06	0 ANNUAL	EMRSS	5
TMA	420978	5414493	0.06746	375	375	0 ANNUAL	EMRSS	5
TMA	420978	5414543	0.06691	375	375	0 ANNUAL	EMRSS	5
TMA	420978	5414593	0.06628	375.41	375.41	0 ANNUAL	EMRSS	5
TMA	420978	5414643	0.06545	376.57	376.57	0 ANNUAL	EMRSS	5
TMA	420978	5414693	0.06434	378.73	378.73	0 ANNUAL	EMRSS	5
TMA	420978	5414743	0.06358	379.89	379.89	0 ANNUAL	EMRSS	5
TMA	420978	5414793	0.06288	381	381	0 ANNUAL	EMRSS	5
TMA	420978	5414843	0.06235	381.7	381.7	0 ANNUAL	EMRSS	5
TMA	420978	5414893	0.06198	382	382	0 ANNUAL	EMRSS	5
TMA	420978	5414943	0.06173	382	382	0 ANNUAL	EMRSS	5
TMA	420978	5414993	0.06157	381.76	381.76	0 ANNUAL	EMRSS	5
TMA	420978	5415043	0.06133	381.81	381.81	0 ANNUAL	EMRSS	5
TMA	420978	5415093	0.06111	381.85	381.85	0 ANNUAL	EMRSS	5
TMA	420978	5415143	0.06059	382.92	382.92	0 ANNUAL	EMRSS	5
TMA	420978	5415193	0.06008	383.96	383.96	0 ANNUAL	EMRSS	5
TMA	421028	5414493	0.06831	375	375	0 ANNUAL	EMRSS	5
TMA	421028	5414543	0.06778	375	375	0 ANNUAL	EMRSS	5
TMA	421028	5414593	0.06727	375.05	375.05	0 ANNUAL	EMRSS	5
TMA	421028	5414643	0.06634	376.6	376.6	0 ANNUAL	EMRSS	5
TMA	421028	5414693	0.06555	377.81	377.81	0 ANNUAL	EMRSS	5
TMA	421028	5414743	0.06472	379.24	379.24	0 ANNUAL	EMRSS	5
TMA	421028	5414793	0.06412	380.08	380.08	0 ANNUAL	EMRSS	5
TMA	421028	5414843	0.06353	381	381	0 ANNUAL	EMRSS	5
TMA	421028	5414893	0.06327	381	381	0 ANNUAL	EMRSS	5
TMA	421028	5414943	0.06302	381	381	0 ANNUAL	EMRSS	5
TMA	421028	5414993	0.0629	380.63	380.63	0 ANNUAL	EMRSS	5
TMA	421028	5415043	0.06286	380	380	0 ANNUAL	EMRSS	5
TMA	421028	5415093	0.06247	380.59	380.59	0 ANNUAL	EMRSS	5
TMA	421028	5415143	0.06211	381.12	381.12	0 ANNUAL	EMRSS	5
TMA	421028	5415193	0.06154	382.35	382.35	0 ANNUAL	EMRSS	5
TMA	421078	5414493	0.06889	376	376	0 ANNUAL	EMRSS	5
TMA	421078	5414543	0.06838	376	376	0 ANNUAL	EMRSS	5
TMA	421078	5414593	0.06791	376	376	0 ANNUAL	EMRSS	5
TMA	421078	5414643	0.06748	376	376	0 ANNUAL	EMRSS	5
TMA	421078	5414693	0.06653	377.79	377.79	0 ANNUAL	EMRSS	5
TMA	421078	5414743	0.06578	379	379	0 ANNUAL	EMRSS	5
TMA	421078	5414793	0.06514	380	380	0 ANNUAL	EMRSS	5
TMA	421078	5414843	0.06483	380.08	380.08	0 ANNUAL	EMRSS	5
TMA	421078	5414893	0.06456	380.12	380.12	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	421078	5414943	0.06435	380	380	0 ANNUAL	EMRSS	5	
TMA	421078	5414993	0.06412	380	380	0 ANNUAL	EMRSS	5	
TMA	421078	5415043	0.06389	380	380	0 ANNUAL	EMRSS	5	
TMA	421078	5415093	0.06367	380	380	0 ANNUAL	EMRSS	5	
TMA	421078	5415143	0.06339	380.22	380.22	0 ANNUAL	EMRSS	5	
TMA	421078	5415193	0.06276	381.63	381.63	0 ANNUAL	EMRSS	5	
TMA	421128	5414493	0.06953	376.91	376.91	0 ANNUAL	EMRSS	5	
TMA	421128	5414543	0.06924	376.31	376.31	0 ANNUAL	EMRSS	5	
TMA	421128	5414593	0.0689	376	376	0 ANNUAL	EMRSS	5	
TMA	421128	5414643	0.06849	376	376	0 ANNUAL	EMRSS	5	
TMA	421128	5414693	0.0678	377	377	0 ANNUAL	EMRSS	5	
TMA	421128	5414743	0.06691	378.7	378.7	0 ANNUAL	EMRSS	5	
TMA	421128	5414793	0.06625	379.79	379.79	0 ANNUAL	EMRSS	5	
TMA	421128	5414843	0.06591	380	380	0 ANNUAL	EMRSS	5	
TMA	421128	5414893	0.0657	379.85	379.85	0 ANNUAL	EMRSS	5	
TMA	421128	5414943	0.06544	379.9	379.9	0 ANNUAL	EMRSS	5	
TMA	421128	5414993	0.06548	379	379	0 ANNUAL	EMRSS	5	
TMA	421128	5415043	0.06525	379	379	0 ANNUAL	EMRSS	5	
TMA	421128	5415093	0.06499	379.09	379.09	0 ANNUAL	EMRSS	5	
TMA	421128	5415143	0.06442	380.25	380.25	0 ANNUAL	EMRSS	5	
TMA	421128	5415193	0.06385	381.41	381.41	0 ANNUAL	EMRSS	5	
TMA	421178	5414493	0.07013	378	378	0 ANNUAL	EMRSS	5	
TMA	421178	5414543	0.06987	377.46	377.46	0 ANNUAL	EMRSS	5	
TMA	421178	5414593	0.06966	376.84	376.84	0 ANNUAL	EMRSS	5	
TMA	421178	5414643	0.06954	376	376	0 ANNUAL	EMRSS	5	
TMA	421178	5414693	0.06892	376.85	376.85	0 ANNUAL	EMRSS	5	
TMA	421178	5414743	0.06841	377.44	377.44	0 ANNUAL	EMRSS	5	
TMA	421178	5414793	0.06793	378	378	0 ANNUAL	EMRSS	5	
TMA	421178	5414843	0.06748	378.53	378.53	0 ANNUAL	EMRSS	5	
TMA	421178	5414893	0.06721	378.58	378.58	0 ANNUAL	EMRSS	5	
TMA	421178	5414943	0.06707	378.22	378.22	0 ANNUAL	EMRSS	5	
TMA	421178	5414993	0.06672	378.54	378.54	0 ANNUAL	EMRSS	5	
TMA	421178	5415043	0.06635	378.99	378.99	0 ANNUAL	EMRSS	5	
TMA	421178	5415093	0.06607	379.12	379.12	0 ANNUAL	EMRSS	5	
TMA	421178	5415143	0.06549	380.28	380.28	0 ANNUAL	EMRSS	5	
TMA	421178	5415193	0.0649	381.44	381.44	0 ANNUAL	EMRSS	5	
TMA	421228	5414493	0.0705	379.77	379.77	0 ANNUAL	EMRSS	5	
TMA	421228	5414543	0.07052	378.6	378.6	0 ANNUAL	EMRSS	5	
TMA	421228	5414593	0.07036	377.99	377.99	0 ANNUAL	EMRSS	5	
TMA	421228	5414643	0.07033	377	377	0 ANNUAL	EMRSS	5	
TMA	421228	5414693	0.07003	376.88	376.88	0 ANNUAL	EMRSS	5	
TMA	421228	5414743	0.06968	377	377	0 ANNUAL	EMRSS	5	
TMA	421228	5414793	0.06939	377	377	0 ANNUAL	EMRSS	5	
TMA	421228	5414843	0.06911	377	377	0 ANNUAL	EMRSS	5	
TMA	421228	5414893	0.06884	377	377	0 ANNUAL	EMRSS	5	
TMA	421228	5414943	0.06828	378	378	0 ANNUAL	EMRSS	5	
TMA	421228	5414993	0.06803	378	378	0 ANNUAL	EMRSS	5	
TMA	421228	5415043	0.06747	379	379	0 ANNUAL	EMRSS	5	
TMA	421228	5415093	0.06718	379.15	379.15	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
TMA	421228	5415143	0.06658	380.31	380.31	0 ANNUAL	EMRSS	5
TMA	421228	5415193	0.06598	381.47	381.47	0 ANNUAL	EMRSS	5
TMA	421278	5414493	0.07119	380.81	380.81	0 ANNUAL	EMRSS	5
TMA	421278	5414543	0.07112	380	380	0 ANNUAL	EMRSS	5
TMA	421278	5414593	0.07113	379	379	0 ANNUAL	EMRSS	5
TMA	421278	5414643	0.07115	378	378	0 ANNUAL	EMRSS	5
TMA	421278	5414693	0.07117	377.01	377.01	0 ANNUAL	EMRSS	5
TMA	421278	5414743	0.07086	377	377	0 ANNUAL	EMRSS	5
TMA	421278	5414793	0.07057	377	377	0 ANNUAL	EMRSS	5
TMA	421278	5414843	0.07029	377	377	0 ANNUAL	EMRSS	5
TMA	421278	5414893	0.06985	377.55	377.55	0 ANNUAL	EMRSS	5
TMA	421278	5414943	0.06945	378	378	0 ANNUAL	EMRSS	5
TMA	421278	5414993	0.06888	378.98	378.98	0 ANNUAL	EMRSS	5
TMA	421278	5415043	0.06862	379.02	379.02	0 ANNUAL	EMRSS	5
TMA	421278	5415093	0.06806	380	380	0 ANNUAL	EMRSS	5
TMA	421278	5415143	0.06778	380.09	380.09	0 ANNUAL	EMRSS	5
TMA	421278	5415193	0.06724	381	381	0 ANNUAL	EMRSS	5
TMA	421328	5414493	0.07186	382	382	0 ANNUAL	EMRSS	5
TMA	421328	5414543	0.07198	380.8	380.8	0 ANNUAL	EMRSS	5
TMA	421328	5414593	0.07206	379.7	379.7	0 ANNUAL	EMRSS	5
TMA	421328	5414643	0.07215	378.59	378.59	0 ANNUAL	EMRSS	5
TMA	421328	5414693	0.07205	378	378	0 ANNUAL	EMRSS	5
TMA	421328	5414743	0.07209	377	377	0 ANNUAL	EMRSS	5
TMA	421328	5414793	0.0718	377	377	0 ANNUAL	EMRSS	5
TMA	421328	5414843	0.07152	377	377	0 ANNUAL	EMRSS	5
TMA	421328	5414893	0.07093	378	378	0 ANNUAL	EMRSS	5
TMA	421328	5414943	0.07042	378.74	378.74	0 ANNUAL	EMRSS	5
TMA	421328	5414993	0.06977	379.9	379.9	0 ANNUAL	EMRSS	5
TMA	421328	5415043	0.06948	380	380	0 ANNUAL	EMRSS	5
TMA	421328	5415093	0.06923	380	380	0 ANNUAL	EMRSS	5
TMA	421328	5415143	0.06897	380	380	0 ANNUAL	EMRSS	5
TMA	421328	5415193	0.06854	380.53	380.53	0 ANNUAL	EMRSS	5
TMA	421378	5414493	0.07238	383.58	383.58	0 ANNUAL	EMRSS	5
TMA	421378	5414543	0.07258	382.34	382.34	0 ANNUAL	EMRSS	5
TMA	421378	5414593	0.07308	380.27	380.27	0 ANNUAL	EMRSS	5
TMA	421378	5414643	0.07325	379	379	0 ANNUAL	EMRSS	5
TMA	421378	5414693	0.07331	378	378	0 ANNUAL	EMRSS	5
TMA	421378	5414743	0.07336	377	377	0 ANNUAL	EMRSS	5
TMA	421378	5414793	0.07307	377	377	0 ANNUAL	EMRSS	5
TMA	421378	5414843	0.07271	377.25	377.25	0 ANNUAL	EMRSS	5
TMA	421378	5414893	0.07218	378	378	0 ANNUAL	EMRSS	5
TMA	421378	5414943	0.07157	379	379	0 ANNUAL	EMRSS	5
TMA	421378	5414993	0.07098	379.93	379.93	0 ANNUAL	EMRSS	5
TMA	421378	5415043	0.0707	380	380	0 ANNUAL	EMRSS	5
TMA	421378	5415093	0.07043	380	380	0 ANNUAL	EMRSS	5
TMA	421378	5415143	0.07007	380.28	380.28	0 ANNUAL	EMRSS	5
TMA	421378	5415193	0.06982	380.24	380.24	0 ANNUAL	EMRSS	5
TMA	421428	5414493	0.0726	385.79	385.79	0 ANNUAL	EMRSS	5
TMA	421428	5414543	0.07331	383.58	383.58	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	421428	5414593	0.07396	381.31	381.31	0 ANNUAL	EMRSS	5	
TMA	421428	5414643	0.07449	379.15	379.15	0 ANNUAL	EMRSS	5	
TMA	421428	5414693	0.07462	378	378	0 ANNUAL	EMRSS	5	
TMA	421428	5414743	0.07439	377.83	377.83	0 ANNUAL	EMRSS	5	
TMA	421428	5414793	0.07438	377	377	0 ANNUAL	EMRSS	5	
TMA	421428	5414843	0.07393	377.48	377.48	0 ANNUAL	EMRSS	5	
TMA	421428	5414893	0.07347	378	378	0 ANNUAL	EMRSS	5	
TMA	421428	5414943	0.07284	379	379	0 ANNUAL	EMRSS	5	
TMA	421428	5414993	0.07223	379.96	379.96	0 ANNUAL	EMRSS	5	
TMA	421428	5415043	0.07194	380	380	0 ANNUAL	EMRSS	5	
TMA	421428	5415093	0.07157	380.28	380.28	0 ANNUAL	EMRSS	5	
TMA	421428	5415143	0.07104	381	381	0 ANNUAL	EMRSS	5	
TMA	421428	5415193	0.07077	381	381	0 ANNUAL	EMRSS	5	
TMA	421478	5414493	0.07234	388.77	388.77	0 ANNUAL	EMRSS	5	
TMA	421478	5414543	0.07333	386.26	388	0 ANNUAL	EMRSS	5	
TMA	421478	5414593	0.07502	381.9	384	0 ANNUAL	EMRSS	5	
TMA	421478	5414643	0.07585	379.12	379.12	0 ANNUAL	EMRSS	5	
TMA	421478	5414693	0.07588	378.24	378.24	0 ANNUAL	EMRSS	5	
TMA	421478	5414743	0.07567	378	378	0 ANNUAL	EMRSS	5	
TMA	421478	5414793	0.0757	377.1	377.1	0 ANNUAL	EMRSS	5	
TMA	421478	5414843	0.07526	377.51	377.51	0 ANNUAL	EMRSS	5	
TMA	421478	5414893	0.0748	378	378	0 ANNUAL	EMRSS	5	
TMA	421478	5414943	0.07415	379	379	0 ANNUAL	EMRSS	5	
TMA	421478	5414993	0.0735	379.99	379.99	0 ANNUAL	EMRSS	5	
TMA	421478	5415043	0.07322	380	380	0 ANNUAL	EMRSS	5	
TMA	421478	5415093	0.07282	380.31	380.31	0 ANNUAL	EMRSS	5	
TMA	421478	5415143	0.07229	381	381	0 ANNUAL	EMRSS	5	
TMA	421478	5415193	0.07201	381	381	0 ANNUAL	EMRSS	5	
TMA	421528	5414493	0.07295	390	390	0 ANNUAL	EMRSS	5	
TMA	421528	5414543	0.0744	386.82	386.82	0 ANNUAL	EMRSS	5	
TMA	421528	5414593	0.07615	382.5	382.5	0 ANNUAL	EMRSS	5	
TMA	421528	5414643	0.07689	380	380	0 ANNUAL	EMRSS	5	
TMA	421528	5414693	0.07698	379	379	0 ANNUAL	EMRSS	5	
TMA	421528	5414743	0.07707	378	378	0 ANNUAL	EMRSS	5	
TMA	421528	5414793	0.07676	378	378	0 ANNUAL	EMRSS	5	
TMA	421528	5414843	0.07657	377.72	377.72	0 ANNUAL	EMRSS	5	
TMA	421528	5414893	0.07616	378	378	0 ANNUAL	EMRSS	5	
TMA	421528	5414943	0.07549	379	379	0 ANNUAL	EMRSS	5	
TMA	421528	5414993	0.07483	380	380	0 ANNUAL	EMRSS	5	
TMA	421528	5415043	0.07453	380	380	0 ANNUAL	EMRSS	5	
TMA	421528	5415093	0.07411	380.34	380.34	0 ANNUAL	EMRSS	5	
TMA	421528	5415143	0.07357	381	381	0 ANNUAL	EMRSS	5	
TMA	421528	5415193	0.07327	381	381	0 ANNUAL	EMRSS	5	
TMA	421578	5414493	0.0754	388.02	388.02	0 ANNUAL	EMRSS	5	
TMA	421578	5414543	0.07647	385.45	385.45	0 ANNUAL	EMRSS	5	
TMA	421578	5414593	0.07794	381.53	386	0 ANNUAL	EMRSS	5	
TMA	421578	5414643	0.0787	379.06	379.06	0 ANNUAL	EMRSS	5	
TMA	421578	5414693	0.07845	378.92	378.92	0 ANNUAL	EMRSS	5	
TMA	421578	5414743	0.0785	378	378	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	421578	5414793	0.07819	378	378	0 ANNUAL	EMRSS	5
TMA	421578	5414843	0.07788	378	378	0 ANNUAL	EMRSS	5
TMA	421578	5414893	0.07729	378.73	378.73	0 ANNUAL	EMRSS	5
TMA	421578	5414943	0.07688	379	379	0 ANNUAL	EMRSS	5
TMA	421578	5414993	0.07618	380	380	0 ANNUAL	EMRSS	5
TMA	421578	5415043	0.07588	380	380	0 ANNUAL	EMRSS	5
TMA	421578	5415093	0.07533	380.63	380.63	0 ANNUAL	EMRSS	5
TMA	421578	5415143	0.07487	381	381	0 ANNUAL	EMRSS	5
TMA	421578	5415193	0.07456	381	381	0 ANNUAL	EMRSS	5
TMA	421628	5414493	0.07829	385.26	385.26	0 ANNUAL	EMRSS	5
TMA	421628	5414543	0.07893	383.35	383.35	0 ANNUAL	EMRSS	5
TMA	421628	5414593	0.0796	381.19	381.19	0 ANNUAL	EMRSS	5
TMA	421628	5414643	0.07978	380.03	380.03	0 ANNUAL	EMRSS	5
TMA	421628	5414693	0.07989	379	379	0 ANNUAL	EMRSS	5
TMA	421628	5414743	0.07998	378	378	0 ANNUAL	EMRSS	5
TMA	421628	5414793	0.07965	378	378	0 ANNUAL	EMRSS	5
TMA	421628	5414843	0.07933	378	378	0 ANNUAL	EMRSS	5
TMA	421628	5414893	0.07863	378.97	378.97	0 ANNUAL	EMRSS	5
TMA	421628	5414943	0.07793	379.92	379.92	0 ANNUAL	EMRSS	5
TMA	421628	5414993	0.07757	380	380	0 ANNUAL	EMRSS	5
TMA	421628	5415043	0.07716	380.24	380.24	0 ANNUAL	EMRSS	5
TMA	421628	5415093	0.07653	381	381	0 ANNUAL	EMRSS	5
TMA	421628	5415143	0.0762	381	381	0 ANNUAL	EMRSS	5
TMA	421628	5415193	0.07551	381.89	381.89	0 ANNUAL	EMRSS	5
TMA	421678	5414493	0.08105	382.73	382.73	0 ANNUAL	EMRSS	5
TMA	421678	5414543	0.08099	382.17	382.17	0 ANNUAL	EMRSS	5
TMA	421678	5414593	0.08116	381.09	381.09	0 ANNUAL	EMRSS	5
TMA	421678	5414643	0.08132	380	380	0 ANNUAL	EMRSS	5
TMA	421678	5414693	0.08142	379	379	0 ANNUAL	EMRSS	5
TMA	421678	5414743	0.0815	378	378	0 ANNUAL	EMRSS	5
TMA	421678	5414793	0.08116	378	378	0 ANNUAL	EMRSS	5
TMA	421678	5414843	0.08077	378.13	378.13	0 ANNUAL	EMRSS	5
TMA	421678	5414893	0.08008	379	379	0 ANNUAL	EMRSS	5
TMA	421678	5414943	0.07935	379.96	379.96	0 ANNUAL	EMRSS	5
TMA	421678	5414993	0.07899	380	380	0 ANNUAL	EMRSS	5
TMA	421678	5415043	0.07824	381	381	0 ANNUAL	EMRSS	5
TMA	421678	5415093	0.0779	381	381	0 ANNUAL	EMRSS	5
TMA	421678	5415143	0.0773	381.59	381.59	0 ANNUAL	EMRSS	5
TMA	421678	5415193	0.07677	382	382	0 ANNUAL	EMRSS	5
TMA	421728	5414493	0.08341	381.09	381.09	0 ANNUAL	EMRSS	5
TMA	421728	5414543	0.08335	380.47	380.47	0 ANNUAL	EMRSS	5
TMA	421728	5414593	0.08323	380	380	0 ANNUAL	EMRSS	5
TMA	421728	5414643	0.08333	379	379	0 ANNUAL	EMRSS	5
TMA	421728	5414693	0.08307	378.81	378.81	0 ANNUAL	EMRSS	5
TMA	421728	5414743	0.08306	378	378	0 ANNUAL	EMRSS	5
TMA	421728	5414793	0.08271	378	378	0 ANNUAL	EMRSS	5
TMA	421728	5414843	0.08194	379	379	0 ANNUAL	EMRSS	5
TMA	421728	5414893	0.08158	379	379	0 ANNUAL	EMRSS	5
TMA	421728	5414943	0.0808	380	380	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole (Averagin	Source	Gr Num	Year	Net ID
TMA	421728	5414993	0.08038	380.14	380.14	0 ANNUAL	EMRSS		5
TMA	421728	5415043	0.07965	381	381	0 ANNUAL	EMRSS		5
TMA	421728	5415093	0.07923	381.11	381.11	0 ANNUAL	EMRSS		5
TMA	421728	5415143	0.07847	382	382	0 ANNUAL	EMRSS		5
TMA	421728	5415193	0.07803	382.12	382.12	0 ANNUAL	EMRSS		5
TMA	421778	5414493	0.08556	380	380	0 ANNUAL	EMRSS		5
TMA	421778	5414543	0.08521	380	380	0 ANNUAL	EMRSS		5
TMA	421778	5414593	0.08527	379.1	379.1	0 ANNUAL	EMRSS		5
TMA	421778	5414643	0.08495	379	379	0 ANNUAL	EMRSS		5
TMA	421778	5414693	0.08499	378.09	378.09	0 ANNUAL	EMRSS		5
TMA	421778	5414743	0.08466	378	378	0 ANNUAL	EMRSS		5
TMA	421778	5414793	0.08411	378.42	378.42	0 ANNUAL	EMRSS		5
TMA	421778	5414843	0.08349	379	379	0 ANNUAL	EMRSS		5
TMA	421778	5414893	0.08268	380	380	0 ANNUAL	EMRSS		5
TMA	421778	5414943	0.08229	380.01	380.01	0 ANNUAL	EMRSS		5
TMA	421778	5414993	0.08147	381	381	0 ANNUAL	EMRSS		5
TMA	421778	5415043	0.08107	381	381	0 ANNUAL	EMRSS		5
TMA	421778	5415093	0.08023	382	382	0 ANNUAL	EMRSS		5
TMA	421778	5415143	0.07981	382	382	0 ANNUAL	EMRSS		5
TMA	421778	5415193	0.07894	383	383	0 ANNUAL	EMRSS		5
TMA	421828	5414493	0.0872	380.13	380.13	0 ANNUAL	EMRSS		5
TMA	421828	5414543	0.08726	379.23	379.23	0 ANNUAL	EMRSS		5
TMA	421828	5414593	0.087	379	379	0 ANNUAL	EMRSS		5
TMA	421828	5414643	0.08663	378.98	378.98	0 ANNUAL	EMRSS		5
TMA	421828	5414693	0.08669	378	378	0 ANNUAL	EMRSS		5
TMA	421828	5414743	0.08629	378.04	378.04	0 ANNUAL	EMRSS		5
TMA	421828	5414793	0.08546	379	379	0 ANNUAL	EMRSS		5
TMA	421828	5414843	0.08474	379.73	379.73	0 ANNUAL	EMRSS		5
TMA	421828	5414893	0.08421	380	380	0 ANNUAL	EMRSS		5
TMA	421828	5414943	0.08336	381	381	0 ANNUAL	EMRSS		5
TMA	421828	5414993	0.08285	381.18	381.18	0 ANNUAL	EMRSS		5
TMA	421828	5415043	0.08205	382	382	0 ANNUAL	EMRSS		5
TMA	421828	5415093	0.08142	382.41	382.41	0 ANNUAL	EMRSS		5
TMA	421828	5415143	0.08069	383	383	0 ANNUAL	EMRSS		5
TMA	421828	5415193	0.07995	383.58	383.58	0 ANNUAL	EMRSS		5
TMA	421878	5414493	0.08884	380.35	380.35	0 ANNUAL	EMRSS		5
TMA	421878	5414543	0.08903	379.2	379.2	0 ANNUAL	EMRSS		5
TMA	421878	5414593	0.08873	379	379	0 ANNUAL	EMRSS		5
TMA	421878	5414643	0.08833	379	379	0 ANNUAL	EMRSS		5
TMA	421878	5414693	0.088	378.84	378.84	0 ANNUAL	EMRSS		5
TMA	421878	5414743	0.08768	378.65	378.65	0 ANNUAL	EMRSS		5
TMA	421878	5414793	0.08709	379	379	0 ANNUAL	EMRSS		5
TMA	421878	5414843	0.08621	380	380	0 ANNUAL	EMRSS		5
TMA	421878	5414893	0.08535	380.91	380.91	0 ANNUAL	EMRSS		5
TMA	421878	5414943	0.08486	381.01	381.01	0 ANNUAL	EMRSS		5
TMA	421878	5414993	0.08394	382	382	0 ANNUAL	EMRSS		5
TMA	421878	5415043	0.08325	382.46	382.46	0 ANNUAL	EMRSS		5
TMA	421878	5415093	0.0825	383	383	0 ANNUAL	EMRSS		5
TMA	421878	5415143	0.08165	383.71	383.71	0 ANNUAL	EMRSS		5



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	421878	5415193	0.08099	384	384	0 ANNUAL	EMRSS	5	
TMA	421928	5414493	0.09014	381.32	381.32	0 ANNUAL	EMRSS	5	
TMA	421928	5414543	0.09042	380	380	0 ANNUAL	EMRSS	5	
TMA	421928	5414593	0.0905	379	379	0 ANNUAL	EMRSS	5	
TMA	421928	5414643	0.09008	379	379	0 ANNUAL	EMRSS	5	
TMA	421928	5414693	0.08964	379	379	0 ANNUAL	EMRSS	5	
TMA	421928	5414743	0.0892	379	379	0 ANNUAL	EMRSS	5	
TMA	421928	5414793	0.08844	379.63	379.63	0 ANNUAL	EMRSS	5	
TMA	421928	5414843	0.0878	380	380	0 ANNUAL	EMRSS	5	
TMA	421928	5414893	0.08688	380.94	380.94	0 ANNUAL	EMRSS	5	
TMA	421928	5414943	0.08631	381.1	381.1	0 ANNUAL	EMRSS	5	
TMA	421928	5414993	0.08532	382.11	382.11	0 ANNUAL	EMRSS	5	
TMA	421928	5415043	0.08437	383	383	0 ANNUAL	EMRSS	5	
TMA	421928	5415093	0.08347	383.72	383.72	0 ANNUAL	EMRSS	5	
TMA	421928	5415143	0.08266	384.21	384.21	0 ANNUAL	EMRSS	5	
TMA	421928	5415193	0.08168	385	385	0 ANNUAL	EMRSS	5	
TMA	421978	5414493	0.09082	383.34	383.34	0 ANNUAL	EMRSS	5	
TMA	421978	5414543	0.09217	380.14	380.14	0 ANNUAL	EMRSS	5	
TMA	421978	5414593	0.09231	379	379	0 ANNUAL	EMRSS	5	
TMA	421978	5414643	0.09186	379	379	0 ANNUAL	EMRSS	5	
TMA	421978	5414693	0.09138	379	379	0 ANNUAL	EMRSS	5	
TMA	421978	5414743	0.0909	379	379	0 ANNUAL	EMRSS	5	
TMA	421978	5414793	0.09008	379.66	379.66	0 ANNUAL	EMRSS	5	
TMA	421978	5414843	0.0894	380	380	0 ANNUAL	EMRSS	5	
TMA	421978	5414893	0.08839	381	381	0 ANNUAL	EMRSS	5	
TMA	421978	5414943	0.08735	382	382	0 ANNUAL	EMRSS	5	
TMA	421978	5414993	0.08665	382.29	382.29	0 ANNUAL	EMRSS	5	
TMA	421978	5415043	0.08548	383.45	383.45	0 ANNUAL	EMRSS	5	
TMA	421978	5415093	0.08441	384.37	384.37	0 ANNUAL	EMRSS	5	
TMA	421978	5415143	0.08346	385	385	0 ANNUAL	EMRSS	5	
TMA	421978	5415193	0.08231	385.96	385.96	0 ANNUAL	EMRSS	5	
TMA	422028	5414493	0.09244	383.64	386	0 ANNUAL	EMRSS	5	
TMA	422028	5414543	0.09403	380.15	380.15	0 ANNUAL	EMRSS	5	
TMA	422028	5414593	0.09398	379.34	379.34	0 ANNUAL	EMRSS	5	
TMA	422028	5414643	0.09354	379.23	379.23	0 ANNUAL	EMRSS	5	
TMA	422028	5414693	0.09314	379	379	0 ANNUAL	EMRSS	5	
TMA	422028	5414743	0.0926	379	379	0 ANNUAL	EMRSS	5	
TMA	422028	5414793	0.09171	379.69	379.69	0 ANNUAL	EMRSS	5	
TMA	422028	5414843	0.09099	380	380	0 ANNUAL	EMRSS	5	
TMA	422028	5414893	0.08991	381	381	0 ANNUAL	EMRSS	5	
TMA	422028	5414943	0.0888	382	382	0 ANNUAL	EMRSS	5	
TMA	422028	5414993	0.0875	383.31	383.31	0 ANNUAL	EMRSS	5	
TMA	422028	5415043	0.08625	384.45	384.45	0 ANNUAL	EMRSS	5	
TMA	422028	5415093	0.08498	385.56	385.56	0 ANNUAL	EMRSS	5	
TMA	422028	5415143	0.08406	386	386	0 ANNUAL	EMRSS	5	
TMA	422028	5415193	0.0828	386.99	386.99	0 ANNUAL	EMRSS	5	
TMA	422078	5414493	0.09383	384.47	384.47	0 ANNUAL	EMRSS	5	
TMA	422078	5414543	0.09537	381.12	381.12	0 ANNUAL	EMRSS	5	
TMA	422078	5414593	0.09547	380	380	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	422078	5414643	0.09493	380	380	0 ANNUAL	EMRSS	5
TMA	422078	5414693	0.09437	380	380	0 ANNUAL	EMRSS	5
TMA	422078	5414743	0.09406	379.47	379.47	0 ANNUAL	EMRSS	5
TMA	422078	5414793	0.09332	379.72	379.72	0 ANNUAL	EMRSS	5
TMA	422078	5414843	0.09255	380	380	0 ANNUAL	EMRSS	5
TMA	422078	5414893	0.09137	381.04	381.04	0 ANNUAL	EMRSS	5
TMA	422078	5414943	0.08998	382.43	382.43	0 ANNUAL	EMRSS	5
TMA	422078	5414993	0.0884	384.09	384.09	0 ANNUAL	EMRSS	5
TMA	422078	5415043	0.08683	385.61	385.61	0 ANNUAL	EMRSS	5
TMA	422078	5415093	0.0854	386.82	386.82	0 ANNUAL	EMRSS	5
TMA	422078	5415143	0.08395	388	388	0 ANNUAL	EMRSS	5
TMA	422078	5415193	0.08316	388.06	388.06	0 ANNUAL	EMRSS	5
TMA	422128	5414493	0.09522	385.2	385.2	0 ANNUAL	EMRSS	5
TMA	422128	5414543	0.09669	382.09	382.09	0 ANNUAL	EMRSS	5
TMA	422128	5414593	0.09683	380.89	380.89	0 ANNUAL	EMRSS	5
TMA	422128	5414643	0.09673	380	380	0 ANNUAL	EMRSS	5
TMA	422128	5414693	0.0961	380	380	0 ANNUAL	EMRSS	5
TMA	422128	5414743	0.09545	380	380	0 ANNUAL	EMRSS	5
TMA	422128	5414793	0.09478	380	380	0 ANNUAL	EMRSS	5
TMA	422128	5414843	0.09407	380	380	0 ANNUAL	EMRSS	5
TMA	422128	5414893	0.09279	381.07	381.07	0 ANNUAL	EMRSS	5
TMA	422128	5414943	0.0909	383.22	383.22	0 ANNUAL	EMRSS	5
TMA	422128	5414993	0.08901	385.2	385.2	0 ANNUAL	EMRSS	5
TMA	422128	5415043	0.08744	386.54	386.54	0 ANNUAL	EMRSS	5
TMA	422128	5415093	0.08555	388.3	388.3	0 ANNUAL	EMRSS	5
TMA	422128	5415143	0.08409	389.33	389.33	0 ANNUAL	EMRSS	5
TMA	422128	5415193	0.08285	389.99	389.99	0 ANNUAL	EMRSS	5
TMA	422178	5414493	0.09782	384.17	384.17	0 ANNUAL	EMRSS	5
TMA	422178	5414543	0.098	383	383	0 ANNUAL	EMRSS	5
TMA	422178	5414593	0.09809	381.86	381.86	0 ANNUAL	EMRSS	5
TMA	422178	5414643	0.09794	381	381	0 ANNUAL	EMRSS	5
TMA	422178	5414693	0.09726	381	381	0 ANNUAL	EMRSS	5
TMA	422178	5414743	0.09654	381	381	0 ANNUAL	EMRSS	5
TMA	422178	5414793	0.09621	380.22	380.22	0 ANNUAL	EMRSS	5
TMA	422178	5414843	0.09554	380	380	0 ANNUAL	EMRSS	5
TMA	422178	5414893	0.09416	381.1	381.1	0 ANNUAL	EMRSS	5
TMA	422178	5414943	0.09217	383.25	383.25	0 ANNUAL	EMRSS	5
TMA	422178	5414993	0.09007	385.41	385.41	0 ANNUAL	EMRSS	5
TMA	422178	5415043	0.08787	387.57	387.57	0 ANNUAL	EMRSS	5
TMA	422178	5415093	0.08614	388.92	388.92	0 ANNUAL	EMRSS	5
TMA	422178	5415143	0.08456	390	390	0 ANNUAL	EMRSS	5
TMA	422178	5415193	0.0837	390	390	0 ANNUAL	EMRSS	5
TMA	422228	5414493	0.10047	383.07	383.07	0 ANNUAL	EMRSS	5
TMA	422228	5414543	0.10017	382.52	382.52	0 ANNUAL	EMRSS	5
TMA	422228	5414593	0.09981	382	382	0 ANNUAL	EMRSS	5
TMA	422228	5414643	0.09968	381	381	0 ANNUAL	EMRSS	5
TMA	422228	5414693	0.09891	381	381	0 ANNUAL	EMRSS	5
TMA	422228	5414743	0.09812	381	381	0 ANNUAL	EMRSS	5
TMA	422228	5414793	0.09718	381.2	381.2	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	422228	5414843	0.09643	381	381	0 ANNUAL	EMRSS	5	
TMA	422228	5414893	0.09547	381.13	381.13	0 ANNUAL	EMRSS	5	
TMA	422228	5414943	0.09337	383.28	383.28	0 ANNUAL	EMRSS	5	
TMA	422228	5414993	0.09117	385.44	385.44	0 ANNUAL	EMRSS	5	
TMA	422228	5415043	0.08887	387.6	387.6	0 ANNUAL	EMRSS	5	
TMA	422228	5415093	0.08702	389	389	0 ANNUAL	EMRSS	5	
TMA	422228	5415143	0.08542	390	390	0 ANNUAL	EMRSS	5	
TMA	422228	5415193	0.0845	390	390	0 ANNUAL	EMRSS	5	
TMA	422278	5414493	0.10307	382.02	382.02	0 ANNUAL	EMRSS	5	
TMA	422278	5414543	0.10234	382	382	0 ANNUAL	EMRSS	5	
TMA	422278	5414593	0.10157	382	382	0 ANNUAL	EMRSS	5	
TMA	422278	5414643	0.10076	382	382	0 ANNUAL	EMRSS	5	
TMA	422278	5414693	0.09992	382	382	0 ANNUAL	EMRSS	5	
TMA	422278	5414743	0.09905	382	382	0 ANNUAL	EMRSS	5	
TMA	422278	5414793	0.09814	382	382	0 ANNUAL	EMRSS	5	
TMA	422278	5414843	0.09721	382	382	0 ANNUAL	EMRSS	5	
TMA	422278	5414893	0.09595	382.52	382.52	0 ANNUAL	EMRSS	5	
TMA	422278	5414943	0.09391	384.31	384.31	0 ANNUAL	EMRSS	5	
TMA	422278	5414993	0.09187	386	386	0 ANNUAL	EMRSS	5	
TMA	422278	5415043	0.08982	387.63	387.63	0 ANNUAL	EMRSS	5	
TMA	422278	5415093	0.08805	388.79	388.79	0 ANNUAL	EMRSS	5	
TMA	422278	5415143	0.08628	389.95	389.95	0 ANNUAL	EMRSS	5	
TMA	422278	5415193	0.08528	390	390	0 ANNUAL	EMRSS	5	
TMA	422328	5414493	0.10563	381	381	0 ANNUAL	EMRSS	5	
TMA	422328	5414543	0.10479	381	381	0 ANNUAL	EMRSS	5	
TMA	422328	5414593	0.10377	381.23	381.23	0 ANNUAL	EMRSS	5	
TMA	422328	5414643	0.10238	382	382	0 ANNUAL	EMRSS	5	
TMA	422328	5414693	0.10145	382	382	0 ANNUAL	EMRSS	5	
TMA	422328	5414743	0.10049	382	382	0 ANNUAL	EMRSS	5	
TMA	422328	5414793	0.09888	383	383	0 ANNUAL	EMRSS	5	
TMA	422328	5414843	0.09787	383.02	383.02	0 ANNUAL	EMRSS	5	
TMA	422328	5414893	0.09615	384.13	384.13	0 ANNUAL	EMRSS	5	
TMA	422328	5414943	0.09441	385.23	385.23	0 ANNUAL	EMRSS	5	
TMA	422328	5414993	0.09254	386.5	386.5	0 ANNUAL	EMRSS	5	
TMA	422328	5415043	0.09072	387.66	387.66	0 ANNUAL	EMRSS	5	
TMA	422328	5415093	0.08889	388.82	388.82	0 ANNUAL	EMRSS	5	
TMA	422328	5415143	0.08775	389	389	0 ANNUAL	EMRSS	5	
TMA	422328	5415193	0.08605	390	390	0 ANNUAL	EMRSS	5	
TMA	422378	5415043	0.0916	387.69	387.69	0 ANNUAL	EMRSS	5	
TMA	422378	5415093	0.09019	388.18	388.18	0 ANNUAL	EMRSS	5	
TMA	422378	5415143	0.08856	389	389	0 ANNUAL	EMRSS	5	
TMA	422378	5415193	0.08724	389.42	389.42	0 ANNUAL	EMRSS	5	
TMA	422428	5415043	0.09298	387	387	0 ANNUAL	EMRSS	5	
TMA	422428	5415093	0.09127	387.88	387.88	0 ANNUAL	EMRSS	5	
TMA	422428	5415143	0.09011	388	388	0 ANNUAL	EMRSS	5	
TMA	422428	5415193	0.08836	389	389	0 ANNUAL	EMRSS	5	
TMA	422478	5415043	0.0939	387	387	0 ANNUAL	EMRSS	5	
TMA	422478	5415093	0.09279	387	387	0 ANNUAL	EMRSS	5	
TMA	422478	5415143	0.091	388	388	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	422478	5415193	0.08979	388.23	388.23	0 ANNUAL	EMRSS	5
TMA	422528	5415043	0.09486	387	387	0 ANNUAL	EMRSS	5
TMA	422528	5415093	0.09306	387.94	387.94	0 ANNUAL	EMRSS	5
TMA	422528	5415143	0.09194	388	388	0 ANNUAL	EMRSS	5
TMA	422528	5415193	0.09017	389	389	0 ANNUAL	EMRSS	5
TMA	422578	5415043	0.09587	387	387	0 ANNUAL	EMRSS	5
TMA	422578	5415093	0.09402	388	388	0 ANNUAL	EMRSS	5
TMA	422578	5415143	0.09286	388.13	388.13	0 ANNUAL	EMRSS	5
TMA	422578	5415193	0.09119	389	389	0 ANNUAL	EMRSS	5
TMA	422628	5415043	0.09631	387.84	387.84	0 ANNUAL	EMRSS	5
TMA	422628	5415093	0.0951	388	388	0 ANNUAL	EMRSS	5
TMA	422628	5415143	0.09329	389	389	0 ANNUAL	EMRSS	5
TMA	422628	5415193	0.09229	389	389	0 ANNUAL	EMRSS	5
TMA	422678	5415043	0.09734	388	388	0 ANNUAL	EMRSS	5
TMA	422678	5415093	0.09625	388.03	388.03	0 ANNUAL	EMRSS	5
TMA	422678	5415143	0.09446	389	389	0 ANNUAL	EMRSS	5
TMA	422678	5415193	0.0932	389.35	389.35	0 ANNUAL	EMRSS	5
TMA	422728	5415043	0.09858	388	388	0 ANNUAL	EMRSS	5
TMA	422728	5415093	0.09671	389	389	0 ANNUAL	EMRSS	5
TMA	422728	5415143	0.09552	389.22	389.22	0 ANNUAL	EMRSS	5
TMA	422728	5415193	0.09392	390	390	0 ANNUAL	EMRSS	5
TMA	422778	5415043	0.09912	388.93	388.93	0 ANNUAL	EMRSS	5
TMA	422778	5415093	0.09794	389.09	389.09	0 ANNUAL	EMRSS	5
TMA	422778	5415143	0.09618	390	390	0 ANNUAL	EMRSS	5
TMA	422778	5415193	0.09492	390.36	390.36	0 ANNUAL	EMRSS	5
TMA	422828	5415043	0.10043	389	389	0 ANNUAL	EMRSS	5
TMA	422828	5415093	0.09909	389.34	389.34	0 ANNUAL	EMRSS	5
TMA	422828	5415143	0.09752	390	390	0 ANNUAL	EMRSS	5
TMA	422828	5415193	0.09571	391	391	0 ANNUAL	EMRSS	5
TMA	422878	5415043	0.10184	389	389	0 ANNUAL	EMRSS	5
TMA	422878	5415093	0.09991	390	390	0 ANNUAL	EMRSS	5
TMA	422878	5415143	0.09888	390	390	0 ANNUAL	EMRSS	5
TMA	422878	5415193	0.09702	391	391	0 ANNUAL	EMRSS	5
TMA	422928	5415043	0.10238	390	390	0 ANNUAL	EMRSS	5
TMA	422928	5415093	0.10129	390	390	0 ANNUAL	EMRSS	5
TMA	422928	5415143	0.09949	390.84	390.84	0 ANNUAL	EMRSS	5
TMA	422928	5415193	0.09788	391.5	391.5	0 ANNUAL	EMRSS	5
TMA	422978	5415043	0.10377	390.01	390.01	0 ANNUAL	EMRSS	5
TMA	422978	5415093	0.10174	391	391	0 ANNUAL	EMRSS	5
TMA	422978	5415143	0.10031	391.37	391.37	0 ANNUAL	EMRSS	5
TMA	422978	5415193	0.09866	392	392	0 ANNUAL	EMRSS	5
TMA	423028	5415043	0.10506	390.08	390.08	0 ANNUAL	EMRSS	5
TMA	423028	5415093	0.10303	391	391	0 ANNUAL	EMRSS	5
TMA	423028	5415143	0.10095	392	392	0 ANNUAL	EMRSS	5
TMA	423028	5415193	0.09969	392.14	392.14	0 ANNUAL	EMRSS	5
TMA	423078	5415043	0.10547	391	391	0 ANNUAL	EMRSS	5
TMA	423078	5415093	0.10407	391.17	391.17	0 ANNUAL	EMRSS	5
TMA	423078	5415143	0.10208	392	392	0 ANNUAL	EMRSS	5
TMA	423078	5415193	0.10013	392.8	392.8	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	423128	5415043	0.10665	391	391	0 ANNUAL	EMRSS	5	
TMA	423128	5415093	0.10505	391.3	391.3	0 ANNUAL	EMRSS	5	
TMA	423128	5415143	0.10309	392	392	0 ANNUAL	EMRSS	5	
TMA	423128	5415193	0.10087	393	393	0 ANNUAL	EMRSS	5	
TMA	420828	5414293	0.06729	376	376	0 ANNUAL	EMRSS	5	
TMA	420828	5414343	0.06669	376	376	0 ANNUAL	EMRSS	5	
TMA	420828	5414393	0.06628	375.31	375.31	0 ANNUAL	EMRSS	5	
TMA	420828	5414443	0.06575	375	375	0 ANNUAL	EMRSS	5	
TMA	420828	5414493	0.06516	375	375	0 ANNUAL	EMRSS	5	
TMA	420828	5414543	0.06457	375	375	0 ANNUAL	EMRSS	5	
TMA	420828	5414593	0.06352	376.79	376.79	0 ANNUAL	EMRSS	5	
TMA	420828	5414643	0.06213	379.61	379.61	0 ANNUAL	EMRSS	5	
TMA	420828	5414693	0.0612	381	381	0 ANNUAL	EMRSS	5	
TMA	420828	5414743	0.06047	381.87	381.87	0 ANNUAL	EMRSS	5	
TMA	420828	5414793	0.06002	382	382	0 ANNUAL	EMRSS	5	
TMA	420828	5414843	0.05933	383	383	0 ANNUAL	EMRSS	5	
TMA	420828	5414893	0.05868	384	384	0 ANNUAL	EMRSS	5	
TMA	420828	5414943	0.05832	384.23	384.23	0 ANNUAL	EMRSS	5	
TMA	420828	5414993	0.05781	385	385	0 ANNUAL	EMRSS	5	
TMA	420828	5415043	0.05758	385	385	0 ANNUAL	EMRSS	5	
TMA	420828	5415093	0.05706	385.97	385.97	0 ANNUAL	EMRSS	5	
TMA	420828	5415143	0.05687	386	386	0 ANNUAL	EMRSS	5	
TMA	420828	5415193	0.05669	386	386	0 ANNUAL	EMRSS	5	
TMA	420778	5414143	0.06743	378	378	0 ANNUAL	EMRSS	5	
TMA	420778	5414193	0.06727	377	377	0 ANNUAL	EMRSS	5	
TMA	420778	5414243	0.06677	377	377	0 ANNUAL	EMRSS	5	
TMA	420778	5414293	0.06646	376.2	376.2	0 ANNUAL	EMRSS	5	
TMA	420778	5414343	0.06595	376	376	0 ANNUAL	EMRSS	5	
TMA	420778	5414393	0.06537	376	376	0 ANNUAL	EMRSS	5	
TMA	420778	5414443	0.06504	375	375	0 ANNUAL	EMRSS	5	
TMA	420778	5414493	0.06445	375	375	0 ANNUAL	EMRSS	5	
TMA	420778	5414543	0.06383	375.13	375.13	0 ANNUAL	EMRSS	5	
TMA	420778	5414593	0.06259	377.58	377.58	0 ANNUAL	EMRSS	5	
TMA	420778	5414643	0.06117	380.45	380.45	0 ANNUAL	EMRSS	5	
TMA	420778	5414693	0.06017	382	382	0 ANNUAL	EMRSS	5	
TMA	420778	5414743	0.05955	382.48	382.48	0 ANNUAL	EMRSS	5	
TMA	420778	5414793	0.05896	383	383	0 ANNUAL	EMRSS	5	
TMA	420778	5414843	0.05833	383.74	383.74	0 ANNUAL	EMRSS	5	
TMA	420778	5414893	0.05789	384	384	0 ANNUAL	EMRSS	5	
TMA	420778	5414943	0.05726	385	385	0 ANNUAL	EMRSS	5	
TMA	420778	5414993	0.05699	385	385	0 ANNUAL	EMRSS	5	
TMA	420778	5415043	0.05674	385	385	0 ANNUAL	EMRSS	5	
TMA	420778	5415093	0.05651	385.05	385.05	0 ANNUAL	EMRSS	5	
TMA	420778	5415143	0.05632	385.01	385.01	0 ANNUAL	EMRSS	5	
TMA	420778	5415193	0.05614	385	385	0 ANNUAL	EMRSS	5	
TMA	420728	5413493	0.06682	376	376	0 ANNUAL	EMRSS	5	
TMA	420728	5413543	0.06667	377	377	0 ANNUAL	EMRSS	5	
TMA	420728	5413593	0.06659	378	378	0 ANNUAL	EMRSS	5	
TMA	420728	5413643	0.0665	378.9	378.9	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	420728	5413693	0.06656	379.37	379.37	0 ANNUAL	EMRSS	5
TMA	420728	5413743	0.06653	380	380	0 ANNUAL	EMRSS	5
TMA	420728	5413793	0.06668	380	380	0 ANNUAL	EMRSS	5
TMA	420728	5413843	0.06678	380	380	0 ANNUAL	EMRSS	5
TMA	420728	5413893	0.06681	380	380	0 ANNUAL	EMRSS	5
TMA	420728	5413943	0.06678	380	380	0 ANNUAL	EMRSS	5
TMA	420728	5413993	0.06667	380	380	0 ANNUAL	EMRSS	5
TMA	420728	5414043	0.06665	379.48	379.48	0 ANNUAL	EMRSS	5
TMA	420728	5414093	0.06675	378.32	378.32	0 ANNUAL	EMRSS	5
TMA	420728	5414143	0.06652	378	378	0 ANNUAL	EMRSS	5
TMA	420728	5414193	0.06663	377.38	377.38	0 ANNUAL	EMRSS	5
TMA	420728	5414243	0.06584	377.43	377.43	0 ANNUAL	EMRSS	5
TMA	420728	5414293	0.06534	377.47	377.47	0 ANNUAL	EMRSS	5
TMA	420728	5414343	0.06494	377	377	0 ANNUAL	EMRSS	5
TMA	420728	5414393	0.06465	376	376	0 ANNUAL	EMRSS	5
TMA	420728	5414443	0.06433	375	375	0 ANNUAL	EMRSS	5
TMA	420728	5414493	0.06375	375	375	0 ANNUAL	EMRSS	5
TMA	420728	5414543	0.06331	374.47	374.47	0 ANNUAL	EMRSS	5
TMA	420728	5414593	0.06194	377.52	377.52	0 ANNUAL	EMRSS	5
TMA	420728	5414643	0.06053	380.42	380.42	0 ANNUAL	EMRSS	5
TMA	420728	5414693	0.05952	382	382	0 ANNUAL	EMRSS	5
TMA	420728	5414743	0.05871	383	383	0 ANNUAL	EMRSS	5
TMA	420728	5414793	0.05797	383.9	383.9	0 ANNUAL	EMRSS	5
TMA	420728	5414843	0.05753	384	384	0 ANNUAL	EMRSS	5
TMA	420728	5414893	0.05715	384	384	0 ANNUAL	EMRSS	5
TMA	420728	5414943	0.05682	384	384	0 ANNUAL	EMRSS	5
TMA	420728	5414993	0.05652	384	384	0 ANNUAL	EMRSS	5
TMA	420728	5415043	0.0563	383.83	383.83	0 ANNUAL	EMRSS	5
TMA	420728	5415093	0.05608	383.78	383.78	0 ANNUAL	EMRSS	5
TMA	420728	5415143	0.05587	383.73	383.73	0 ANNUAL	EMRSS	5
TMA	420728	5415193	0.05569	383.69	383.69	0 ANNUAL	EMRSS	5
TMA	420678	5413493	0.06523	376.74	376.74	0 ANNUAL	EMRSS	5
TMA	420678	5413543	0.06503	377.91	377.91	0 ANNUAL	EMRSS	5
TMA	420678	5413593	0.06488	379	379	0 ANNUAL	EMRSS	5
TMA	420678	5413643	0.06476	380	380	0 ANNUAL	EMRSS	5
TMA	420678	5413693	0.06499	380	380	0 ANNUAL	EMRSS	5
TMA	420678	5413743	0.06516	380.13	380.13	0 ANNUAL	EMRSS	5
TMA	420678	5413793	0.06513	380.78	380.78	0 ANNUAL	EMRSS	5
TMA	420678	5413843	0.06519	381	381	0 ANNUAL	EMRSS	5
TMA	420678	5413893	0.0656	380	380	0 ANNUAL	EMRSS	5
TMA	420678	5413943	0.06562	380	380	0 ANNUAL	EMRSS	5
TMA	420678	5413993	0.06562	379.85	379.85	0 ANNUAL	EMRSS	5
TMA	420678	5414043	0.06576	379	379	0 ANNUAL	EMRSS	5
TMA	420678	5414093	0.06585	378	378	0 ANNUAL	EMRSS	5
TMA	420678	5414143	0.06558	378	378	0 ANNUAL	EMRSS	5
TMA	420678	5414193	0.06507	378.65	378.65	0 ANNUAL	EMRSS	5
TMA	420678	5414243	0.06437	379.7	379.7	0 ANNUAL	EMRSS	5
TMA	420678	5414293	0.06413	379	379	0 ANNUAL	EMRSS	5
TMA	420678	5414343	0.0638	378.45	378.45	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
TMA	420678	5414393	0.06383	376.4	376.4	0 ANNUAL	EMRSS	5
TMA	420678	5414443	0.06358	375.24	375.24	0 ANNUAL	EMRSS	5
TMA	420678	5414493	0.06329	374.09	374.09	0 ANNUAL	EMRSS	5
TMA	420678	5414543	0.0625	375.05	375.05	0 ANNUAL	EMRSS	5
TMA	420678	5414593	0.06104	378.46	378.46	0 ANNUAL	EMRSS	5
TMA	420678	5414643	0.05962	381.39	381.39	0 ANNUAL	EMRSS	5
TMA	420678	5414693	0.05873	382.55	382.55	0 ANNUAL	EMRSS	5
TMA	420678	5414743	0.05808	383	383	0 ANNUAL	EMRSS	5
TMA	420678	5414793	0.05739	383.68	383.68	0 ANNUAL	EMRSS	5
TMA	420678	5414843	0.05695	383.72	383.72	0 ANNUAL	EMRSS	5
TMA	420678	5414893	0.05677	383	383	0 ANNUAL	EMRSS	5
TMA	420678	5414943	0.05641	383	383	0 ANNUAL	EMRSS	5
TMA	420678	5414993	0.0562	382.6	382.6	0 ANNUAL	EMRSS	5
TMA	420678	5415043	0.05602	382.19	382.19	0 ANNUAL	EMRSS	5
TMA	420678	5415093	0.0558	382	382	0 ANNUAL	EMRSS	5
TMA	420678	5415143	0.05556	382	382	0 ANNUAL	EMRSS	5
TMA	420678	5415193	0.05534	382	382	0 ANNUAL	EMRSS	5
TMA	420628	5413493	0.06378	377.2	377.2	0 ANNUAL	EMRSS	5
TMA	420628	5413543	0.0636	378.28	378.28	0 ANNUAL	EMRSS	5
TMA	420628	5413593	0.06342	379.39	379.39	0 ANNUAL	EMRSS	5
TMA	420628	5413643	0.06344	380	380	0 ANNUAL	EMRSS	5
TMA	420628	5413693	0.06368	380	380	0 ANNUAL	EMRSS	5
TMA	420628	5413743	0.06357	381	381	0 ANNUAL	EMRSS	5
TMA	420628	5413793	0.06378	381	381	0 ANNUAL	EMRSS	5
TMA	420628	5413843	0.06422	380.18	380.18	0 ANNUAL	EMRSS	5
TMA	420628	5413893	0.06439	380	380	0 ANNUAL	EMRSS	5
TMA	420628	5413943	0.06446	380	380	0 ANNUAL	EMRSS	5
TMA	420628	5413993	0.06477	379	379	0 ANNUAL	EMRSS	5
TMA	420628	5414043	0.06483	378.54	378.54	0 ANNUAL	EMRSS	5
TMA	420628	5414093	0.0647	378.51	378.51	0 ANNUAL	EMRSS	5
TMA	420628	5414143	0.06435	379	379	0 ANNUAL	EMRSS	5
TMA	420628	5414193	0.0638	379.99	379.99	0 ANNUAL	EMRSS	5
TMA	420628	5414243	0.06346	380	380	0 ANNUAL	EMRSS	5
TMA	420628	5414293	0.06307	380	380	0 ANNUAL	EMRSS	5
TMA	420628	5414343	0.06302	378.62	378.62	0 ANNUAL	EMRSS	5
TMA	420628	5414393	0.06286	377.43	377.43	0 ANNUAL	EMRSS	5
TMA	420628	5414443	0.06287	375.28	375.28	0 ANNUAL	EMRSS	5
TMA	420628	5414493	0.06263	374	374	0 ANNUAL	EMRSS	5
TMA	420628	5414543	0.06161	376.04	376.04	0 ANNUAL	EMRSS	5
TMA	420628	5414593	0.06021	379.2	379.2	0 ANNUAL	EMRSS	5
TMA	420628	5414643	0.05904	381.36	381.36	0 ANNUAL	EMRSS	5
TMA	420628	5414693	0.05822	382.31	382.31	0 ANNUAL	EMRSS	5
TMA	420628	5414743	0.05749	383	383	0 ANNUAL	EMRSS	5
TMA	420628	5414793	0.057	383	383	0 ANNUAL	EMRSS	5
TMA	420628	5414843	0.05654	383	383	0 ANNUAL	EMRSS	5
TMA	420628	5414893	0.05631	382.36	382.36	0 ANNUAL	EMRSS	5
TMA	420628	5414943	0.05602	382	382	0 ANNUAL	EMRSS	5
TMA	420628	5414993	0.05576	381.68	381.68	0 ANNUAL	EMRSS	5
TMA	420628	5415043	0.05559	381.1	381.1	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
TMA	420628	5415093	0.05533	381	381	0 ANNUAL	EMRSS	5
TMA	420628	5415143	0.05506	381	381	0 ANNUAL	EMRSS	5
TMA	420628	5415193	0.05482	381	381	0 ANNUAL	EMRSS	5
TMA	420578	5413493	0.06238	377.68	377.68	0 ANNUAL	EMRSS	5
TMA	420578	5413543	0.06212	378.93	378.93	0 ANNUAL	EMRSS	5
TMA	420578	5413593	0.06195	380	380	0 ANNUAL	EMRSS	5
TMA	420578	5413643	0.06216	380	380	0 ANNUAL	EMRSS	5
TMA	420578	5413693	0.06239	380	380	0 ANNUAL	EMRSS	5
TMA	420578	5413743	0.0623	381	381	0 ANNUAL	EMRSS	5
TMA	420578	5413793	0.06252	381	381	0 ANNUAL	EMRSS	5
TMA	420578	5413843	0.06297	380.21	380.21	0 ANNUAL	EMRSS	5
TMA	420578	5413893	0.06319	380	380	0 ANNUAL	EMRSS	5
TMA	420578	5413943	0.06333	379.89	379.89	0 ANNUAL	EMRSS	5
TMA	420578	5413993	0.06364	379	379	0 ANNUAL	EMRSS	5
TMA	420578	5414043	0.06362	379	379	0 ANNUAL	EMRSS	5
TMA	420578	5414093	0.06354	379	379	0 ANNUAL	EMRSS	5
TMA	420578	5414143	0.06311	380	380	0 ANNUAL	EMRSS	5
TMA	420578	5414193	0.0629	380	380	0 ANNUAL	EMRSS	5
TMA	420578	5414243	0.06233	381	381	0 ANNUAL	EMRSS	5
TMA	420578	5414293	0.06228	380	380	0 ANNUAL	EMRSS	5
TMA	420578	5414343	0.06217	379	379	0 ANNUAL	EMRSS	5
TMA	420578	5414393	0.06214	377.46	377.46	0 ANNUAL	EMRSS	5
TMA	420578	5414443	0.06217	375.31	375.31	0 ANNUAL	EMRSS	5
TMA	420578	5414493	0.06195	374	374	0 ANNUAL	EMRSS	5
TMA	420578	5414543	0.06098	376.02	376.02	0 ANNUAL	EMRSS	5
TMA	420578	5414593	0.05963	379.17	379.17	0 ANNUAL	EMRSS	5
TMA	420578	5414643	0.05857	381	381	0 ANNUAL	EMRSS	5
TMA	420578	5414693	0.05775	382	382	0 ANNUAL	EMRSS	5
TMA	420578	5414743	0.05717	382.19	382.19	0 ANNUAL	EMRSS	5
TMA	420578	5414793	0.05665	382.24	382.24	0 ANNUAL	EMRSS	5
TMA	420578	5414843	0.05624	382.01	382.01	0 ANNUAL	EMRSS	5
TMA	420578	5414893	0.0558	382	382	0 ANNUAL	EMRSS	5
TMA	420578	5414943	0.05564	381.07	381.07	0 ANNUAL	EMRSS	5
TMA	420578	5414993	0.05528	381	381	0 ANNUAL	EMRSS	5
TMA	420578	5415043	0.05493	381	381	0 ANNUAL	EMRSS	5
TMA	420578	5415093	0.05481	380.24	380.24	0 ANNUAL	EMRSS	5
TMA	420578	5415143	0.05458	380	380	0 ANNUAL	EMRSS	5
TMA	420578	5415193	0.05432	380	380	0 ANNUAL	EMRSS	5
TMA	420528	5413493	0.06109	378	378	0 ANNUAL	EMRSS	5
TMA	420528	5413543	0.06066	379.7	379.7	0 ANNUAL	EMRSS	5
TMA	420528	5413593	0.06073	380	380	0 ANNUAL	EMRSS	5
TMA	420528	5413643	0.06093	380	380	0 ANNUAL	EMRSS	5
TMA	420528	5413693	0.06106	380.28	380.28	0 ANNUAL	EMRSS	5
TMA	420528	5413743	0.06105	381	381	0 ANNUAL	EMRSS	5
TMA	420528	5413793	0.06128	381	381	0 ANNUAL	EMRSS	5
TMA	420528	5413843	0.06181	380	380	0 ANNUAL	EMRSS	5
TMA	420528	5413893	0.06199	380	380	0 ANNUAL	EMRSS	5
TMA	420528	5413943	0.06215	379.92	379.92	0 ANNUAL	EMRSS	5
TMA	420528	5413993	0.06251	379	379	0 ANNUAL	EMRSS	5



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	420528	5414043	0.06254	379	379	0 ANNUAL	EMRSS	5	
TMA	420528	5414093	0.06251	379	379	0 ANNUAL	EMRSS	5	
TMA	420528	5414143	0.06214	380	380	0 ANNUAL	EMRSS	5	
TMA	420528	5414193	0.06198	380	380	0 ANNUAL	EMRSS	5	
TMA	420528	5414243	0.06176	380.01	380.01	0 ANNUAL	EMRSS	5	
TMA	420528	5414293	0.06148	380	380	0 ANNUAL	EMRSS	5	
TMA	420528	5414343	0.06147	378.79	378.79	0 ANNUAL	EMRSS	5	
TMA	420528	5414393	0.06156	376.84	376.84	0 ANNUAL	EMRSS	5	
TMA	420528	5414443	0.06152	375.1	375.1	0 ANNUAL	EMRSS	5	
TMA	420528	5414493	0.06127	374	374	0 ANNUAL	EMRSS	5	
TMA	420528	5414543	0.06035	375.98	375.98	0 ANNUAL	EMRSS	5	
TMA	420528	5414593	0.05905	379.14	379.14	0 ANNUAL	EMRSS	5	
TMA	420528	5414643	0.05819	380.37	380.37	0 ANNUAL	EMRSS	5	
TMA	420528	5414693	0.05735	381.49	381.49	0 ANNUAL	EMRSS	5	
TMA	420528	5414743	0.05668	382	382	0 ANNUAL	EMRSS	5	
TMA	420528	5414793	0.05617	382	382	0 ANNUAL	EMRSS	5	
TMA	420528	5414843	0.05568	382	382	0 ANNUAL	EMRSS	5	
TMA	420528	5414893	0.05527	381.8	381.8	0 ANNUAL	EMRSS	5	
TMA	420528	5414943	0.05506	381	381	0 ANNUAL	EMRSS	5	
TMA	420528	5414993	0.05465	381	381	0 ANNUAL	EMRSS	5	
TMA	420528	5415043	0.05454	380	380	0 ANNUAL	EMRSS	5	
TMA	420528	5415093	0.0542	380	380	0 ANNUAL	EMRSS	5	
TMA	420528	5415143	0.05389	380	380	0 ANNUAL	EMRSS	5	
TMA	420528	5415193	0.05361	380	380	0 ANNUAL	EMRSS	5	
TMA	420478	5413493	0.05976	378.62	378.62	0 ANNUAL	EMRSS	5	
TMA	420478	5413543	0.05952	379.67	379.67	0 ANNUAL	EMRSS	5	
TMA	420478	5413593	0.05955	380	380	0 ANNUAL	EMRSS	5	
TMA	420478	5413643	0.05973	380	380	0 ANNUAL	EMRSS	5	
TMA	420478	5413693	0.05994	380	380	0 ANNUAL	EMRSS	5	
TMA	420478	5413743	0.06016	380	380	0 ANNUAL	EMRSS	5	
TMA	420478	5413793	0.06039	380	380	0 ANNUAL	EMRSS	5	
TMA	420478	5413843	0.0606	380	380	0 ANNUAL	EMRSS	5	
TMA	420478	5413893	0.0608	380	380	0 ANNUAL	EMRSS	5	
TMA	420478	5413943	0.06113	379.47	379.47	0 ANNUAL	EMRSS	5	
TMA	420478	5413993	0.06139	379	379	0 ANNUAL	EMRSS	5	
TMA	420478	5414043	0.06146	379	379	0 ANNUAL	EMRSS	5	
TMA	420478	5414093	0.06124	379.83	379.83	0 ANNUAL	EMRSS	5	
TMA	420478	5414143	0.06115	380	380	0 ANNUAL	EMRSS	5	
TMA	420478	5414193	0.06105	380	380	0 ANNUAL	EMRSS	5	
TMA	420478	5414243	0.06089	380	380	0 ANNUAL	EMRSS	5	
TMA	420478	5414293	0.06066	380	380	0 ANNUAL	EMRSS	5	
TMA	420478	5414343	0.06071	378.68	378.68	0 ANNUAL	EMRSS	5	
TMA	420478	5414393	0.06089	376.53	376.53	0 ANNUAL	EMRSS	5	
TMA	420478	5414443	0.06095	374.37	374.37	0 ANNUAL	EMRSS	5	
TMA	420478	5414493	0.06059	374	374	0 ANNUAL	EMRSS	5	
TMA	420478	5414543	0.05972	375.95	375.95	0 ANNUAL	EMRSS	5	
TMA	420478	5414593	0.05873	378.11	378.11	0 ANNUAL	EMRSS	5	
TMA	420478	5414643	0.05766	380.27	380.27	0 ANNUAL	EMRSS	5	
TMA	420478	5414693	0.05695	381	381	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
TMA	420478	5414743	0.05618	381.89	381.89	0 ANNUAL	EMRSS	5
TMA	420478	5414793	0.05564	382	382	0 ANNUAL	EMRSS	5
TMA	420478	5414843	0.05523	381.68	381.68	0 ANNUAL	EMRSS	5
TMA	420478	5414893	0.05494	381	381	0 ANNUAL	EMRSS	5
TMA	420478	5414943	0.05448	381	381	0 ANNUAL	EMRSS	5
TMA	420478	5414993	0.05416	380.62	380.62	0 ANNUAL	EMRSS	5
TMA	420478	5415043	0.05393	380	380	0 ANNUAL	EMRSS	5
TMA	420478	5415093	0.05356	380	380	0 ANNUAL	EMRSS	5
TMA	420478	5415143	0.05323	380	380	0 ANNUAL	EMRSS	5
TMA	420478	5415193	0.05293	379.99	379.99	0 ANNUAL	EMRSS	5
TMA	420428	5413493	0.05868	378.59	378.59	0 ANNUAL	EMRSS	5
TMA	420428	5413543	0.05853	379.31	379.31	0 ANNUAL	EMRSS	5
TMA	420428	5413593	0.05843	380	380	0 ANNUAL	EMRSS	5
TMA	420428	5413643	0.05858	380	380	0 ANNUAL	EMRSS	5
TMA	420428	5413693	0.05877	380	380	0 ANNUAL	EMRSS	5
TMA	420428	5413743	0.05898	380	380	0 ANNUAL	EMRSS	5
TMA	420428	5413793	0.0592	380	380	0 ANNUAL	EMRSS	5
TMA	420428	5413843	0.05942	380	380	0 ANNUAL	EMRSS	5
TMA	420428	5413893	0.05963	380	380	0 ANNUAL	EMRSS	5
TMA	420428	5413943	0.06011	379	379	0 ANNUAL	EMRSS	5
TMA	420428	5413993	0.06026	379	379	0 ANNUAL	EMRSS	5
TMA	420428	5414043	0.06011	379.92	379.92	0 ANNUAL	EMRSS	5
TMA	420428	5414093	0.06015	380	380	0 ANNUAL	EMRSS	5
TMA	420428	5414143	0.06016	380	380	0 ANNUAL	EMRSS	5
TMA	420428	5414193	0.05989	380.81	380.81	0 ANNUAL	EMRSS	5
TMA	420428	5414243	0.05998	380.03	380.03	0 ANNUAL	EMRSS	5
TMA	420428	5414293	0.05985	379.87	379.87	0 ANNUAL	EMRSS	5
TMA	420428	5414343	0.06015	377.72	377.72	0 ANNUAL	EMRSS	5
TMA	420428	5414393	0.06038	375.35	375.35	0 ANNUAL	EMRSS	5
TMA	420428	5414443	0.06029	374	374	0 ANNUAL	EMRSS	5
TMA	420428	5414493	0.0599	374	374	0 ANNUAL	EMRSS	5
TMA	420428	5414543	0.05909	375.92	375.92	0 ANNUAL	EMRSS	5
TMA	420428	5414593	0.05814	378.08	378.08	0 ANNUAL	EMRSS	5
TMA	420428	5414643	0.05712	380.24	380.24	0 ANNUAL	EMRSS	5
TMA	420428	5414693	0.05642	381	381	0 ANNUAL	EMRSS	5
TMA	420428	5414743	0.05591	381	381	0 ANNUAL	EMRSS	5
TMA	420428	5414793	0.0554	381	381	0 ANNUAL	EMRSS	5
TMA	420428	5414843	0.0549	381	381	0 ANNUAL	EMRSS	5
TMA	420428	5414893	0.05441	381	381	0 ANNUAL	EMRSS	5
TMA	420428	5414943	0.05395	381	381	0 ANNUAL	EMRSS	5
TMA	420428	5414993	0.05376	380	380	0 ANNUAL	EMRSS	5
TMA	420428	5415043	0.05335	380	380	0 ANNUAL	EMRSS	5
TMA	420428	5415093	0.05297	380	380	0 ANNUAL	EMRSS	5
TMA	420428	5415143	0.05261	380	380	0 ANNUAL	EMRSS	5
TMA	420428	5415193	0.05253	379.02	379.02	0 ANNUAL	EMRSS	5
TMA	420378	5413493	0.05757	378.84	378.84	0 ANNUAL	EMRSS	5
TMA	420378	5413543	0.05735	379.72	379.72	0 ANNUAL	EMRSS	5
TMA	420378	5413593	0.05735	380	380	0 ANNUAL	EMRSS	5
TMA	420378	5413643	0.05748	380	380	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	420378	5413693	0.05764	380	380	0 ANNUAL	EMRSS	5
TMA	420378	5413743	0.05783	380	380	0 ANNUAL	EMRSS	5
TMA	420378	5413793	0.05805	380	380	0 ANNUAL	EMRSS	5
TMA	420378	5413843	0.05827	380	380	0 ANNUAL	EMRSS	5
TMA	420378	5413893	0.05849	380	380	0 ANNUAL	EMRSS	5
TMA	420378	5413943	0.05869	380	380	0 ANNUAL	EMRSS	5
TMA	420378	5413993	0.05887	380	380	0 ANNUAL	EMRSS	5
TMA	420378	5414043	0.05901	380	380	0 ANNUAL	EMRSS	5
TMA	420378	5414093	0.05911	380	380	0 ANNUAL	EMRSS	5
TMA	420378	5414143	0.05916	380	380	0 ANNUAL	EMRSS	5
TMA	420378	5414193	0.05915	380	380	0 ANNUAL	EMRSS	5
TMA	420378	5414243	0.05908	380	380	0 ANNUAL	EMRSS	5
TMA	420378	5414293	0.05924	378.91	378.91	0 ANNUAL	EMRSS	5
TMA	420378	5414343	0.05955	376.75	376.75	0 ANNUAL	EMRSS	5
TMA	420378	5414393	0.05974	374.59	374.59	0 ANNUAL	EMRSS	5
TMA	420378	5414443	0.05968	373.27	373.27	0 ANNUAL	EMRSS	5
TMA	420378	5414493	0.0592	374	374	0 ANNUAL	EMRSS	5
TMA	420378	5414543	0.05844	375.89	375.89	0 ANNUAL	EMRSS	5
TMA	420378	5414593	0.05754	378.05	378.05	0 ANNUAL	EMRSS	5
TMA	420378	5414643	0.05662	380	380	0 ANNUAL	EMRSS	5
TMA	420378	5414693	0.05589	381	381	0 ANNUAL	EMRSS	5
TMA	420378	5414743	0.0554	381	381	0 ANNUAL	EMRSS	5
TMA	420378	5414793	0.0549	381	381	0 ANNUAL	EMRSS	5
TMA	420378	5414843	0.0544	381	381	0 ANNUAL	EMRSS	5
TMA	420378	5414893	0.05391	381	381	0 ANNUAL	EMRSS	5
TMA	420378	5414943	0.05369	380.01	380.01	0 ANNUAL	EMRSS	5
TMA	420378	5414993	0.05324	380	380	0 ANNUAL	EMRSS	5
TMA	420378	5415043	0.05281	380	380	0 ANNUAL	EMRSS	5
TMA	420378	5415093	0.0524	380	380	0 ANNUAL	EMRSS	5
TMA	420378	5415143	0.05223	379.17	379.17	0 ANNUAL	EMRSS	5
TMA	420378	5415193	0.05193	379	379	0 ANNUAL	EMRSS	5
TMA	420328	5413493	0.05653	379	379	0 ANNUAL	EMRSS	5
TMA	420328	5413543	0.05626	380	380	0 ANNUAL	EMRSS	5
TMA	420328	5413593	0.05632	380	380	0 ANNUAL	EMRSS	5
TMA	420328	5413643	0.05642	380	380	0 ANNUAL	EMRSS	5
TMA	420328	5413693	0.05656	380	380	0 ANNUAL	EMRSS	5
TMA	420328	5413743	0.05673	380	380	0 ANNUAL	EMRSS	5
TMA	420328	5413793	0.05693	380	380	0 ANNUAL	EMRSS	5
TMA	420328	5413843	0.05714	380	380	0 ANNUAL	EMRSS	5
TMA	420328	5413893	0.05736	380	380	0 ANNUAL	EMRSS	5
TMA	420328	5413943	0.05757	380	380	0 ANNUAL	EMRSS	5
TMA	420328	5413993	0.05777	380	380	0 ANNUAL	EMRSS	5
TMA	420328	5414043	0.05793	380	380	0 ANNUAL	EMRSS	5
TMA	420328	5414093	0.05806	380	380	0 ANNUAL	EMRSS	5
TMA	420328	5414143	0.05815	380	380	0 ANNUAL	EMRSS	5
TMA	420328	5414193	0.05818	380	380	0 ANNUAL	EMRSS	5
TMA	420328	5414243	0.05841	379.04	379.04	0 ANNUAL	EMRSS	5
TMA	420328	5414293	0.05859	377.94	377.94	0 ANNUAL	EMRSS	5
TMA	420328	5414343	0.05892	375.78	375.78	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
TMA	420328	5414393	0.05894	374.62	374.62	0 ANNUAL	EMRSS	5
TMA	420328	5414443	0.05896	373	373	0 ANNUAL	EMRSS	5
TMA	420328	5414493	0.05853	373.75	373.75	0 ANNUAL	EMRSS	5
TMA	420328	5414543	0.05796	374.97	374.97	0 ANNUAL	EMRSS	5
TMA	420328	5414593	0.05715	377.08	377.08	0 ANNUAL	EMRSS	5
TMA	420328	5414643	0.05629	379	379	0 ANNUAL	EMRSS	5
TMA	420328	5414693	0.05561	379.98	379.98	0 ANNUAL	EMRSS	5
TMA	420328	5414743	0.05513	380	380	0 ANNUAL	EMRSS	5
TMA	420328	5414793	0.05465	380	380	0 ANNUAL	EMRSS	5
TMA	420328	5414843	0.05416	380	380	0 ANNUAL	EMRSS	5
TMA	420328	5414893	0.05367	380	380	0 ANNUAL	EMRSS	5
TMA	420328	5414943	0.0532	380	380	0 ANNUAL	EMRSS	5
TMA	420328	5414993	0.05274	380	380	0 ANNUAL	EMRSS	5
TMA	420328	5415043	0.05238	379.64	379.64	0 ANNUAL	EMRSS	5
TMA	420328	5415093	0.05211	379	379	0 ANNUAL	EMRSS	5
TMA	420328	5415143	0.05172	379	379	0 ANNUAL	EMRSS	5
TMA	420328	5415193	0.05147	378.54	378.54	0 ANNUAL	EMRSS	5
TMA	420278	5413493	0.05558	379	379	0 ANNUAL	EMRSS	5
TMA	420278	5413543	0.05532	379.92	379.92	0 ANNUAL	EMRSS	5
TMA	420278	5413593	0.05533	380	380	0 ANNUAL	EMRSS	5
TMA	420278	5413643	0.0554	380	380	0 ANNUAL	EMRSS	5
TMA	420278	5413693	0.05552	380	380	0 ANNUAL	EMRSS	5
TMA	420278	5413743	0.05567	380	380	0 ANNUAL	EMRSS	5
TMA	420278	5413793	0.05585	380	380	0 ANNUAL	EMRSS	5
TMA	420278	5413843	0.05605	380	380	0 ANNUAL	EMRSS	5
TMA	420278	5413893	0.05626	380	380	0 ANNUAL	EMRSS	5
TMA	420278	5413943	0.05648	380	380	0 ANNUAL	EMRSS	5
TMA	420278	5413993	0.05668	380	380	0 ANNUAL	EMRSS	5
TMA	420278	5414043	0.05687	380	380	0 ANNUAL	EMRSS	5
TMA	420278	5414093	0.05702	380	380	0 ANNUAL	EMRSS	5
TMA	420278	5414143	0.05714	380	380	0 ANNUAL	EMRSS	5
TMA	420278	5414193	0.05745	379.05	379.05	0 ANNUAL	EMRSS	5
TMA	420278	5414243	0.05769	378.13	378.13	0 ANNUAL	EMRSS	5
TMA	420278	5414293	0.05791	377	377	0 ANNUAL	EMRSS	5
TMA	420278	5414343	0.05805	375.81	375.81	0 ANNUAL	EMRSS	5
TMA	420278	5414393	0.05812	374.65	374.65	0 ANNUAL	EMRSS	5
TMA	420278	5414443	0.0581	373.49	373.49	0 ANNUAL	EMRSS	5
TMA	420278	5414493	0.05792	373	373	0 ANNUAL	EMRSS	5
TMA	420278	5414543	0.05745	373.97	373.97	0 ANNUAL	EMRSS	5
TMA	420278	5414593	0.05677	375.78	375.78	0 ANNUAL	EMRSS	5
TMA	420278	5414643	0.05612	377.11	377.11	0 ANNUAL	EMRSS	5
TMA	420278	5414693	0.05547	378.21	378.21	0 ANNUAL	EMRSS	5
TMA	420278	5414743	0.05489	378.81	378.81	0 ANNUAL	EMRSS	5
TMA	420278	5414793	0.05438	379	379	0 ANNUAL	EMRSS	5
TMA	420278	5414843	0.05391	379	379	0 ANNUAL	EMRSS	5
TMA	420278	5414893	0.05343	379	379	0 ANNUAL	EMRSS	5
TMA	420278	5414943	0.05296	379	379	0 ANNUAL	EMRSS	5
TMA	420278	5414993	0.05249	379	379	0 ANNUAL	EMRSS	5
TMA	420278	5415043	0.05219	378.37	378.37	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	420278	5415093	0.05184	378	378	0 ANNUAL	EMRSS	5	
TMA	420278	5415143	0.05143	378	378	0 ANNUAL	EMRSS	5	
TMA	420278	5415193	0.05105	378	378	0 ANNUAL	EMRSS	5	
TMA	420228	5413493	0.05482	378.46	378.46	0 ANNUAL	EMRSS	5	
TMA	420228	5413543	0.05465	379	379	0 ANNUAL	EMRSS	5	
TMA	420228	5413593	0.05467	379	379	0 ANNUAL	EMRSS	5	
TMA	420228	5413643	0.05443	380	380	0 ANNUAL	EMRSS	5	
TMA	420228	5413693	0.05452	380	380	0 ANNUAL	EMRSS	5	
TMA	420228	5413743	0.05464	380	380	0 ANNUAL	EMRSS	5	
TMA	420228	5413793	0.0548	380	380	0 ANNUAL	EMRSS	5	
TMA	420228	5413843	0.05499	380	380	0 ANNUAL	EMRSS	5	
TMA	420228	5413893	0.05519	380	380	0 ANNUAL	EMRSS	5	
TMA	420228	5413943	0.05541	380	380	0 ANNUAL	EMRSS	5	
TMA	420228	5413993	0.05562	380	380	0 ANNUAL	EMRSS	5	
TMA	420228	5414043	0.05581	380	380	0 ANNUAL	EMRSS	5	
TMA	420228	5414093	0.05599	380	380	0 ANNUAL	EMRSS	5	
TMA	420228	5414143	0.05627	379.45	379.45	0 ANNUAL	EMRSS	5	
TMA	420228	5414193	0.05649	379	379	0 ANNUAL	EMRSS	5	
TMA	420228	5414243	0.05678	378	378	0 ANNUAL	EMRSS	5	
TMA	420228	5414293	0.057	377	377	0 ANNUAL	EMRSS	5	
TMA	420228	5414343	0.05717	375.88	375.88	0 ANNUAL	EMRSS	5	
TMA	420228	5414393	0.05727	374.77	374.77	0 ANNUAL	EMRSS	5	
TMA	420228	5414443	0.05723	374	374	0 ANNUAL	EMRSS	5	
TMA	420228	5414493	0.05717	373	373	0 ANNUAL	EMRSS	5	
TMA	420228	5414543	0.05691	373	373	0 ANNUAL	EMRSS	5	
TMA	420228	5414593	0.05644	373.98	373.98	0 ANNUAL	EMRSS	5	
TMA	420228	5414643	0.05591	375.05	375.05	0 ANNUAL	EMRSS	5	
TMA	420228	5414693	0.05533	376.12	376.12	0 ANNUAL	EMRSS	5	
TMA	420228	5414743	0.05481	376.65	376.65	0 ANNUAL	EMRSS	5	
TMA	420228	5414793	0.05424	377.33	377.33	0 ANNUAL	EMRSS	5	
TMA	420228	5414843	0.0538	377.28	377.28	0 ANNUAL	EMRSS	5	
TMA	420228	5414893	0.05334	377.24	377.24	0 ANNUAL	EMRSS	5	
TMA	420228	5414943	0.05288	377.19	377.19	0 ANNUAL	EMRSS	5	
TMA	420228	5414993	0.05243	377.14	377.14	0 ANNUAL	EMRSS	5	
TMA	420228	5415043	0.05199	377.1	377.1	0 ANNUAL	EMRSS	5	
TMA	420228	5415093	0.05157	377	377	0 ANNUAL	EMRSS	5	
TMA	420228	5415143	0.05116	377	377	0 ANNUAL	EMRSS	5	
TMA	420228	5415193	0.05076	377	377	0 ANNUAL	EMRSS	5	
TMA	420178	5413493	0.05379	379	379	0 ANNUAL	EMRSS	5	
TMA	420178	5413543	0.05376	379	379	0 ANNUAL	EMRSS	5	
TMA	420178	5413593	0.05349	379.95	379.95	0 ANNUAL	EMRSS	5	
TMA	420178	5413643	0.0535	380	380	0 ANNUAL	EMRSS	5	
TMA	420178	5413693	0.05356	380	380	0 ANNUAL	EMRSS	5	
TMA	420178	5413743	0.05366	380	380	0 ANNUAL	EMRSS	5	
TMA	420178	5413793	0.0538	380	380	0 ANNUAL	EMRSS	5	
TMA	420178	5413843	0.05396	380	380	0 ANNUAL	EMRSS	5	
TMA	420178	5413893	0.05415	380	380	0 ANNUAL	EMRSS	5	
TMA	420178	5413943	0.05436	380	380	0 ANNUAL	EMRSS	5	
TMA	420178	5413993	0.05457	380	380	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	420178	5414043	0.05478	380	380	0 ANNUAL	EMRSS	5
TMA	420178	5414093	0.05497	380	380	0 ANNUAL	EMRSS	5
TMA	420178	5414143	0.05538	379	379	0 ANNUAL	EMRSS	5
TMA	420178	5414193	0.05551	379	379	0 ANNUAL	EMRSS	5
TMA	420178	5414243	0.05583	378	378	0 ANNUAL	EMRSS	5
TMA	420178	5414293	0.05608	377.03	377.03	0 ANNUAL	EMRSS	5
TMA	420178	5414343	0.05627	376	376	0 ANNUAL	EMRSS	5
TMA	420178	5414393	0.05639	375	375	0 ANNUAL	EMRSS	5
TMA	420178	5414443	0.05643	374	374	0 ANNUAL	EMRSS	5
TMA	420178	5414493	0.05636	373.39	373.39	0 ANNUAL	EMRSS	5
TMA	420178	5414543	0.05619	373	373	0 ANNUAL	EMRSS	5
TMA	420178	5414593	0.05592	373	373	0 ANNUAL	EMRSS	5
TMA	420178	5414643	0.05546	374	374	0 ANNUAL	EMRSS	5
TMA	420178	5414693	0.05505	374.36	374.36	0 ANNUAL	EMRSS	5
TMA	420178	5414743	0.05455	375.04	375.04	0 ANNUAL	EMRSS	5
TMA	420178	5414793	0.05405	375.58	375.58	0 ANNUAL	EMRSS	5
TMA	420178	5414843	0.05354	376	376	0 ANNUAL	EMRSS	5
TMA	420178	5414893	0.0531	376	376	0 ANNUAL	EMRSS	5
TMA	420178	5414943	0.05265	376	376	0 ANNUAL	EMRSS	5
TMA	420178	5414993	0.05219	376	376	0 ANNUAL	EMRSS	5
TMA	420178	5415043	0.05174	376	376	0 ANNUAL	EMRSS	5
TMA	420178	5415093	0.05131	376	376	0 ANNUAL	EMRSS	5
TMA	420178	5415143	0.05088	376	376	0 ANNUAL	EMRSS	5
TMA	420178	5415193	0.05042	376.26	376.26	0 ANNUAL	EMRSS	5
TMA	420128	5413493	0.05294	379	379	0 ANNUAL	EMRSS	5
TMA	420128	5413543	0.05264	379.98	379.98	0 ANNUAL	EMRSS	5
TMA	420128	5413593	0.05261	380	380	0 ANNUAL	EMRSS	5
TMA	420128	5413643	0.05261	380	380	0 ANNUAL	EMRSS	5
TMA	420128	5413693	0.05265	380	380	0 ANNUAL	EMRSS	5
TMA	420128	5413743	0.05272	380	380	0 ANNUAL	EMRSS	5
TMA	420128	5413793	0.05283	380	380	0 ANNUAL	EMRSS	5
TMA	420128	5413843	0.05298	380	380	0 ANNUAL	EMRSS	5
TMA	420128	5413893	0.05315	380	380	0 ANNUAL	EMRSS	5
TMA	420128	5413943	0.05335	380	380	0 ANNUAL	EMRSS	5
TMA	420128	5413993	0.05355	380	380	0 ANNUAL	EMRSS	5
TMA	420128	5414043	0.05376	380	380	0 ANNUAL	EMRSS	5
TMA	420128	5414093	0.05396	380	380	0 ANNUAL	EMRSS	5
TMA	420128	5414143	0.05414	380	380	0 ANNUAL	EMRSS	5
TMA	420128	5414193	0.05444	379.38	379.38	0 ANNUAL	EMRSS	5
TMA	420128	5414243	0.05483	378.22	378.22	0 ANNUAL	EMRSS	5
TMA	420128	5414293	0.05515	377.06	377.06	0 ANNUAL	EMRSS	5
TMA	420128	5414343	0.05539	376	376	0 ANNUAL	EMRSS	5
TMA	420128	5414393	0.05558	374.78	374.78	0 ANNUAL	EMRSS	5
TMA	420128	5414443	0.05563	374	374	0 ANNUAL	EMRSS	5
TMA	420128	5414493	0.05565	373	373	0 ANNUAL	EMRSS	5
TMA	420128	5414543	0.05546	373	373	0 ANNUAL	EMRSS	5
TMA	420128	5414593	0.05523	373	373	0 ANNUAL	EMRSS	5
TMA	420128	5414643	0.05496	373	373	0 ANNUAL	EMRSS	5
TMA	420128	5414693	0.05451	373.9	373.9	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	420128	5414743	0.05415	374	374	0 ANNUAL	EMRSS	5	
TMA	420128	5414793	0.05371	374.41	374.41	0 ANNUAL	EMRSS	5	
TMA	420128	5414843	0.05321	375	375	0 ANNUAL	EMRSS	5	
TMA	420128	5414893	0.05279	375	375	0 ANNUAL	EMRSS	5	
TMA	420128	5414943	0.05235	375	375	0 ANNUAL	EMRSS	5	
TMA	420128	5414993	0.05191	375	375	0 ANNUAL	EMRSS	5	
TMA	420128	5415043	0.05141	375.32	375.32	0 ANNUAL	EMRSS	5	
TMA	420128	5415093	0.05085	376	376	0 ANNUAL	EMRSS	5	
TMA	420128	5415143	0.05035	376.35	376.35	0 ANNUAL	EMRSS	5	
TMA	420128	5415193	0.04962	377.92	377.92	0 ANNUAL	EMRSS	5	
TMA	420128	5415293	0.04862	379	379	0 ANNUAL	EMRSS	5	
TMA	420128	5415393	0.04795	379	379	0 ANNUAL	EMRSS	5	
TMA	420128	5415493	0.04738	379	379	0 ANNUAL	EMRSS	5	
TMA	420128	5415593	0.04691	379.06	379.06	0 ANNUAL	EMRSS	5	
TMA	420128	5415693	0.04635	380	380	0 ANNUAL	EMRSS	5	
TMA	420128	5415793	0.04602	380.11	380.11	0 ANNUAL	EMRSS	5	
TMA	420128	5415893	0.0456	381	381	0 ANNUAL	EMRSS	5	
TMA	420128	5415993	0.04519	382	382	0 ANNUAL	EMRSS	5	
TMA	420128	5416093	0.04497	382	382	0 ANNUAL	EMRSS	5	
TMA	420128	5416193	0.04483	381.49	381.49	0 ANNUAL	EMRSS	5	
TMA	420228	5415293	0.05004	377	377	0 ANNUAL	EMRSS	5	
TMA	420228	5415393	0.04922	378	378	0 ANNUAL	EMRSS	5	
TMA	420228	5415493	0.04872	378	378	0 ANNUAL	EMRSS	5	
TMA	420228	5415593	0.04811	379	379	0 ANNUAL	EMRSS	5	
TMA	420228	5415693	0.04777	379	379	0 ANNUAL	EMRSS	5	
TMA	420228	5415793	0.0473	380	380	0 ANNUAL	EMRSS	5	
TMA	420228	5415893	0.04691	380.72	380.72	0 ANNUAL	EMRSS	5	
TMA	420228	5415993	0.04637	382.39	382.39	0 ANNUAL	EMRSS	5	
TMA	420228	5416093	0.04582	384	384	0 ANNUAL	EMRSS	5	
TMA	420228	5416193	0.04538	385.02	385.02	0 ANNUAL	EMRSS	5	
TMA	420328	5415293	0.05095	378	378	0 ANNUAL	EMRSS	5	
TMA	420328	5415393	0.05041	378	378	0 ANNUAL	EMRSS	5	
TMA	420328	5415493	0.04997	378	378	0 ANNUAL	EMRSS	5	
TMA	420328	5415593	0.04957	378.19	378.19	0 ANNUAL	EMRSS	5	
TMA	420328	5415693	0.04909	379	379	0 ANNUAL	EMRSS	5	
TMA	420328	5415793	0.04862	380	380	0 ANNUAL	EMRSS	5	
TMA	420328	5415893	0.04836	380	380	0 ANNUAL	EMRSS	5	
TMA	420328	5415993	0.04764	382.46	382.46	0 ANNUAL	EMRSS	5	
TMA	420328	5416093	0.04675	385.51	385.51	0 ANNUAL	EMRSS	5	
TMA	420328	5416193	0.04591	388.05	388.05	0 ANNUAL	EMRSS	5	
TMA	420428	5415293	0.05197	379	379	0 ANNUAL	EMRSS	5	
TMA	420428	5415393	0.05151	379	379	0 ANNUAL	EMRSS	5	
TMA	420428	5415493	0.05113	379	379	0 ANNUAL	EMRSS	5	
TMA	420428	5415593	0.0508	379	379	0 ANNUAL	EMRSS	5	
TMA	420428	5415693	0.0505	379	379	0 ANNUAL	EMRSS	5	
TMA	420428	5415793	0.05001	380	380	0 ANNUAL	EMRSS	5	
TMA	420428	5415893	0.04934	382	382	0 ANNUAL	EMRSS	5	
TMA	420428	5415993	0.04853	384.52	384.52	0 ANNUAL	EMRSS	5	
TMA	420428	5416093	0.0477	386.87	386.87	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
TMA	420428	5416193	0.04661	390.02	390.02	0 ANNUAL	EMRSS	5
TMA	420528	5415293	0.05317	379.82	379.82	0 ANNUAL	EMRSS	5
TMA	420528	5415393	0.05295	379	379	0 ANNUAL	EMRSS	5
TMA	420528	5415493	0.05253	379.31	379.31	0 ANNUAL	EMRSS	5
TMA	420528	5415593	0.05207	380	380	0 ANNUAL	EMRSS	5
TMA	420528	5415693	0.05176	380	380	0 ANNUAL	EMRSS	5
TMA	420528	5415793	0.05146	380	380	0 ANNUAL	EMRSS	5
TMA	420528	5415893	0.0509	381.26	381.26	0 ANNUAL	EMRSS	5
TMA	420528	5415993	0.04987	384.58	384.58	0 ANNUAL	EMRSS	5
TMA	420528	5416093	0.04872	387.92	387.92	0 ANNUAL	EMRSS	5
TMA	420528	5416193	0.0472	392.21	392.21	0 ANNUAL	EMRSS	5
TMA	420628	5415293	0.05463	380.05	380.05	0 ANNUAL	EMRSS	5
TMA	420628	5415393	0.05427	380	380	0 ANNUAL	EMRSS	5
TMA	420628	5415493	0.05394	380	380	0 ANNUAL	EMRSS	5
TMA	420628	5415593	0.05362	380	380	0 ANNUAL	EMRSS	5
TMA	420628	5415693	0.05297	381.47	381.47	0 ANNUAL	EMRSS	5
TMA	420628	5415793	0.05263	381.58	381.58	0 ANNUAL	EMRSS	5
TMA	420628	5415893	0.05217	382.16	382.16	0 ANNUAL	EMRSS	5
TMA	420628	5415993	0.05125	384.64	384.64	0 ANNUAL	EMRSS	5
TMA	420628	5416093	0.05031	387	387	0 ANNUAL	EMRSS	5
TMA	420628	5416193	0.04912	390.06	390.06	0 ANNUAL	EMRSS	5
TMA	420728	5415293	0.05552	383	383	0 ANNUAL	EMRSS	5
TMA	420728	5415393	0.05541	382.1	382.1	0 ANNUAL	EMRSS	5
TMA	420728	5415493	0.05525	381.41	381.41	0 ANNUAL	EMRSS	5
TMA	420728	5415593	0.05486	381.61	381.61	0 ANNUAL	EMRSS	5
TMA	420728	5415693	0.05423	382.81	382.81	0 ANNUAL	EMRSS	5
TMA	420728	5415793	0.05358	384.01	384.01	0 ANNUAL	EMRSS	5
TMA	420728	5415893	0.05322	384.04	384.04	0 ANNUAL	EMRSS	5
TMA	420728	5415993	0.05263	384.98	384.98	0 ANNUAL	EMRSS	5
TMA	420728	5416093	0.05174	387	387	0 ANNUAL	EMRSS	5
TMA	420728	5416193	0.05083	389	389	0 ANNUAL	EMRSS	5
TMA	420828	5415293	0.05636	386	386	0 ANNUAL	EMRSS	5
TMA	420828	5415393	0.05631	385.05	385.05	0 ANNUAL	EMRSS	5
TMA	420828	5415493	0.05599	384.96	384.96	0 ANNUAL	EMRSS	5
TMA	420828	5415593	0.05591	384	384	0 ANNUAL	EMRSS	5
TMA	420828	5415693	0.05554	384	384	0 ANNUAL	EMRSS	5
TMA	420828	5415793	0.05469	385.72	385.72	0 ANNUAL	EMRSS	5
TMA	420828	5415893	0.05395	387	387	0 ANNUAL	EMRSS	5
TMA	420828	5415993	0.05359	387	387	0 ANNUAL	EMRSS	5
TMA	420828	5416093	0.05325	387	387	0 ANNUAL	EMRSS	5
TMA	420828	5416193	0.05262	388	388	0 ANNUAL	EMRSS	5
TMA	420928	5415293	0.05781	387	387	0 ANNUAL	EMRSS	5
TMA	420928	5415393	0.05711	388	388	0 ANNUAL	EMRSS	5
TMA	420928	5415493	0.05691	387.5	387.5	0 ANNUAL	EMRSS	5
TMA	420928	5415593	0.05669	387	387	0 ANNUAL	EMRSS	5
TMA	420928	5415693	0.05662	386	386	0 ANNUAL	EMRSS	5
TMA	420928	5415793	0.05613	386.37	386.37	0 ANNUAL	EMRSS	5
TMA	420928	5415893	0.05506	388.51	388.51	0 ANNUAL	EMRSS	5
TMA	420928	5415993	0.05419	390.03	390.03	0 ANNUAL	EMRSS	5



Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr Num	Year	Net ID
TMA	420928	5416093	0.05386	390	390	0 ANNUAL	EMRSS	5
TMA	420928	5416193	0.05289	391.85	391.85	0 ANNUAL	EMRSS	5
TMA	421028	5415293	0.06009	385.67	385.67	0 ANNUAL	EMRSS	5
TMA	421028	5415393	0.05889	388	388	0 ANNUAL	EMRSS	5
TMA	421028	5415493	0.05812	389.01	389.01	0 ANNUAL	EMRSS	5
TMA	421028	5415593	0.05772	389	389	0 ANNUAL	EMRSS	5
TMA	421028	5415693	0.05766	388.06	388.06	0 ANNUAL	EMRSS	5
TMA	421028	5415793	0.05729	388	388	0 ANNUAL	EMRSS	5
TMA	421028	5415893	0.05657	389	389	0 ANNUAL	EMRSS	5
TMA	421028	5415993	0.05551	392	392	0 ANNUAL	EMRSS	5
TMA	421028	5416093	0.05329	395.7	395.7	0 ANNUAL	EMRSS	5
TMA	421028	5416193	0.05169	398.71	398.71	0 ANNUAL	EMRSS	5
TMA	421128	5415293	0.062	385.73	385.73	0 ANNUAL	EMRSS	5
TMA	421128	5415393	0.06034	389.03	389.03	0 ANNUAL	EMRSS	5
TMA	421128	5415493	0.05953	390	390	0 ANNUAL	EMRSS	5
TMA	421128	5415593	0.05912	390	390	0 ANNUAL	EMRSS	5
TMA	421128	5415693	0.05872	390	390	0 ANNUAL	EMRSS	5
TMA	421128	5415793	0.05841	389.79	389.79	0 ANNUAL	EMRSS	5
TMA	421128	5415893	0.05794	390	390	0 ANNUAL	EMRSS	5
TMA	421128	5415993	0.05639	392.95	392.95	0 ANNUAL	EMRSS	5
TMA	421128	5416093	0.0546	396.3	396.3	0 ANNUAL	EMRSS	5
TMA	421128	5416193	0.05256	399.98	399.98	0 ANNUAL	EMRSS	5
TMA	421228	5415293	0.06438	384.79	384.79	0 ANNUAL	EMRSS	5
TMA	421228	5415393	0.06265	388.11	388.11	0 ANNUAL	EMRSS	5
TMA	421228	5415493	0.06142	390	390	0 ANNUAL	EMRSS	5
TMA	421228	5415593	0.061	390	390	0 ANNUAL	EMRSS	5
TMA	421228	5415693	0.06058	390	390	0 ANNUAL	EMRSS	5
TMA	421228	5415793	0.05974	391	391	0 ANNUAL	EMRSS	5
TMA	421228	5415893	0.05861	392.69	392.69	0 ANNUAL	EMRSS	5
TMA	421228	5415993	0.05717	395.01	395.01	0 ANNUAL	EMRSS	5
TMA	421228	5416093	0.05529	398.13	398.13	0 ANNUAL	EMRSS	5
TMA	421228	5416193	0.05391	400	400	0 ANNUAL	EMRSS	5
TMA	421328	5415293	0.06725	382.85	382.85	0 ANNUAL	EMRSS	5
TMA	421328	5415393	0.06558	386	386	0 ANNUAL	EMRSS	5
TMA	421328	5415493	0.06444	387.64	387.64	0 ANNUAL	EMRSS	5
TMA	421328	5415593	0.06366	388.4	388.4	0 ANNUAL	EMRSS	5
TMA	421328	5415693	0.06293	389	389	0 ANNUAL	EMRSS	5
TMA	421328	5415793	0.06243	389	389	0 ANNUAL	EMRSS	5
TMA	421328	5415893	0.06152	389.92	389.92	0 ANNUAL	EMRSS	5
TMA	421328	5415993	0.06015	391.84	391.84	0 ANNUAL	EMRSS	5
TMA	421328	5416093	0.05752	396.39	396.39	0 ANNUAL	EMRSS	5
TMA	421328	5416193	0.05479	400.72	400.72	0 ANNUAL	EMRSS	5
TMA	421428	5415293	0.07004	381.53	381.53	0 ANNUAL	EMRSS	5
TMA	421428	5415393	0.06888	383.23	383.23	0 ANNUAL	EMRSS	5
TMA	421428	5415493	0.0675	385.42	385.42	0 ANNUAL	EMRSS	5
TMA	421428	5415593	0.06641	386.74	386.74	0 ANNUAL	EMRSS	5
TMA	421428	5415693	0.06572	387	387	0 ANNUAL	EMRSS	5
TMA	421428	5415793	0.06469	388	388	0 ANNUAL	EMRSS	5
TMA	421428	5415893	0.06399	388	388	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
TMA	421428	5415993	0.06282	389.03	389.03	0 ANNUAL	EMRSS	5
TMA	421428	5416093	0.06022	393.04	398	0 ANNUAL	EMRSS	5
TMA	421428	5416193	0.05613	400.18	400.18	0 ANNUAL	EMRSS	5
TMA	421528	5415293	0.07229	382	382	0 ANNUAL	EMRSS	5
TMA	421528	5415393	0.07156	382.29	382.29	0 ANNUAL	EMRSS	5
TMA	421528	5415493	0.07027	384	384	0 ANNUAL	EMRSS	5
TMA	421528	5415593	0.06919	385	385	0 ANNUAL	EMRSS	5
TMA	421528	5415693	0.06805	386	386	0 ANNUAL	EMRSS	5
TMA	421528	5415793	0.06694	386.78	386.78	0 ANNUAL	EMRSS	5
TMA	421528	5415893	0.06562	387.87	387.87	0 ANNUAL	EMRSS	5
TMA	421528	5415993	0.06421	389	389	0 ANNUAL	EMRSS	5
TMA	421528	5416093	0.06299	389.51	389.51	0 ANNUAL	EMRSS	5
TMA	421528	5416193	0.06022	393.54	394	0 ANNUAL	EMRSS	5
TMA	421628	5415293	0.07477	382	382	0 ANNUAL	EMRSS	5
TMA	421628	5415393	0.07397	382.15	382.15	0 ANNUAL	EMRSS	5
TMA	421628	5415493	0.07284	383	383	0 ANNUAL	EMRSS	5
TMA	421628	5415593	0.07159	384	384	0 ANNUAL	EMRSS	5
TMA	421628	5415693	0.0703	384.9	384.9	0 ANNUAL	EMRSS	5
TMA	421628	5415793	0.06885	386	386	0 ANNUAL	EMRSS	5
TMA	421628	5415893	0.06737	387	387	0 ANNUAL	EMRSS	5
TMA	421628	5415993	0.06541	389	389	0 ANNUAL	EMRSS	5
TMA	421628	5416093	0.06356	390.57	390.57	0 ANNUAL	EMRSS	5
TMA	421628	5416193	0.06162	392.28	392.28	0 ANNUAL	EMRSS	5
TMA	421728	5415293	0.07683	383	383	0 ANNUAL	EMRSS	5
TMA	421728	5415393	0.07592	383	383	0 ANNUAL	EMRSS	5
TMA	421728	5415493	0.07453	384	384	0 ANNUAL	EMRSS	5
TMA	421728	5415593	0.07305	385	385	0 ANNUAL	EMRSS	5
TMA	421728	5415693	0.07191	385	385	0 ANNUAL	EMRSS	5
TMA	421728	5415793	0.07058	385.27	385.27	0 ANNUAL	EMRSS	5
TMA	421728	5415893	0.06859	387	387	0 ANNUAL	EMRSS	5
TMA	421728	5415993	0.06687	388	388	0 ANNUAL	EMRSS	5
TMA	421728	5416093	0.06512	389	389	0 ANNUAL	EMRSS	5
TMA	421728	5416193	0.06338	390	390	0 ANNUAL	EMRSS	5
TMA	421828	5415293	0.07874	384	384	0 ANNUAL	EMRSS	5
TMA	421828	5415393	0.0773	384.74	384.74	0 ANNUAL	EMRSS	5
TMA	421828	5415493	0.07554	386	386	0 ANNUAL	EMRSS	5
TMA	421828	5415593	0.07412	386.33	386.33	0 ANNUAL	EMRSS	5
TMA	421828	5415693	0.07293	386	386	0 ANNUAL	EMRSS	5
TMA	421828	5415793	0.07153	386	386	0 ANNUAL	EMRSS	5
TMA	421828	5415893	0.06967	387	387	0 ANNUAL	EMRSS	5
TMA	421828	5415993	0.06781	388	388	0 ANNUAL	EMRSS	5
TMA	421828	5416093	0.06597	389	389	0 ANNUAL	EMRSS	5
TMA	421828	5416193	0.06418	390	390	0 ANNUAL	EMRSS	5
TMA	421928	5415293	0.08044	385	385	0 ANNUAL	EMRSS	5
TMA	421928	5415393	0.0791	385	385	0 ANNUAL	EMRSS	5
TMA	421928	5415493	0.07627	387.85	387.85	0 ANNUAL	EMRSS	5
TMA	421928	5415593	0.07383	389.73	389.73	0 ANNUAL	EMRSS	5
TMA	421928	5415693	0.07304	388.41	388.41	0 ANNUAL	EMRSS	5
TMA	421928	5415793	0.07231	386.75	386.75	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	421928	5415893	0.07068	387	387	0 ANNUAL	EMRSS	5
TMA	421928	5415993	0.06874	388	388	0 ANNUAL	EMRSS	5
TMA	421928	5416093	0.06687	389	389	0 ANNUAL	EMRSS	5
TMA	421928	5416193	0.06509	390	390	0 ANNUAL	EMRSS	5
TMA	422028	5415293	0.08132	387	387	0 ANNUAL	EMRSS	5
TMA	422028	5415393	0.0803	386	386	0 ANNUAL	EMRSS	5
TMA	422028	5415493	0.07767	387.91	387.91	0 ANNUAL	EMRSS	5
TMA	422028	5415593	0.07491	390	390	0 ANNUAL	EMRSS	5
TMA	422028	5415693	0.07331	390	390	0 ANNUAL	EMRSS	5
TMA	422028	5415793	0.0726	388.35	388.35	0 ANNUAL	EMRSS	5
TMA	422028	5415893	0.07124	388	388	0 ANNUAL	EMRSS	5
TMA	422028	5415993	0.06976	388.03	388.03	0 ANNUAL	EMRSS	5
TMA	422028	5416093	0.06793	389	389	0 ANNUAL	EMRSS	5
TMA	422028	5416193	0.06619	390	390	0 ANNUAL	EMRSS	5
TMA	422128	5415293	0.08181	389	389	0 ANNUAL	EMRSS	5
TMA	422128	5415393	0.08068	388	388	0 ANNUAL	EMRSS	5
TMA	422128	5415493	0.07949	387	387	0 ANNUAL	EMRSS	5
TMA	422128	5415593	0.07664	389.01	389.01	0 ANNUAL	EMRSS	5
TMA	422128	5415693	0.07442	390	390	0 ANNUAL	EMRSS	5
TMA	422128	5415793	0.0734	389	389	0 ANNUAL	EMRSS	5
TMA	422128	5415893	0.07202	388.77	388.77	0 ANNUAL	EMRSS	5
TMA	422128	5415993	0.07023	389.55	389.55	0 ANNUAL	EMRSS	5
TMA	422128	5416093	0.06872	390	390	0 ANNUAL	EMRSS	5
TMA	422128	5416193	0.06701	391.08	391.08	0 ANNUAL	EMRSS	5
TMA	422228	5415293	0.08265	390	390	0 ANNUAL	EMRSS	5
TMA	422228	5415393	0.08145	389	389	0 ANNUAL	EMRSS	5
TMA	422228	5415493	0.08024	388	388	0 ANNUAL	EMRSS	5
TMA	422228	5415593	0.07829	388.35	388.35	0 ANNUAL	EMRSS	5
TMA	422228	5415693	0.07627	389	389	0 ANNUAL	EMRSS	5
TMA	422228	5415793	0.07473	389	389	0 ANNUAL	EMRSS	5
TMA	422228	5415893	0.0733	389	389	0 ANNUAL	EMRSS	5
TMA	422228	5415993	0.07146	390	390	0 ANNUAL	EMRSS	5
TMA	422228	5416093	0.06974	391	391	0 ANNUAL	EMRSS	5
TMA	422228	5416193	0.06761	392.98	392.98	0 ANNUAL	EMRSS	5
TMA	422328	5415293	0.0841	390	390	0 ANNUAL	EMRSS	5
TMA	422328	5415393	0.08222	390	390	0 ANNUAL	EMRSS	5
TMA	422328	5415493	0.08097	389.15	389.15	0 ANNUAL	EMRSS	5
TMA	422328	5415593	0.07937	389	389	0 ANNUAL	EMRSS	5
TMA	422328	5415693	0.0778	389	389	0 ANNUAL	EMRSS	5
TMA	422328	5415793	0.07582	389.89	389.89	0 ANNUAL	EMRSS	5
TMA	422328	5415893	0.07442	390	390	0 ANNUAL	EMRSS	5
TMA	422328	5415993	0.07317	390	390	0 ANNUAL	EMRSS	5
TMA	422328	5416093	0.07148	391	391	0 ANNUAL	EMRSS	5
TMA	422328	5416193	0.06916	393.31	393.31	0 ANNUAL	EMRSS	5
TMA	422428	5415293	0.08633	389.06	389.06	0 ANNUAL	EMRSS	5
TMA	422428	5415393	0.08382	390	390	0 ANNUAL	EMRSS	5
TMA	422428	5415493	0.08209	390	390	0 ANNUAL	EMRSS	5
TMA	422428	5415593	0.07984	391	391	0 ANNUAL	EMRSS	5
TMA	422428	5415693	0.079	390	390	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
TMA	422428	5415793	0.07732	390.49	390.49	0 ANNUAL	EMRSS	5
TMA	422428	5415893	0.07573	391	391	0 ANNUAL	EMRSS	5
TMA	422428	5415993	0.07451	391	391	0 ANNUAL	EMRSS	5
TMA	422428	5416093	0.07279	392	392	0 ANNUAL	EMRSS	5
TMA	422428	5416193	0.07056	394	394	0 ANNUAL	EMRSS	5
TMA	422528	5415293	0.0875	390	390	0 ANNUAL	EMRSS	5
TMA	422528	5415393	0.08479	391.3	391.3	0 ANNUAL	EMRSS	5
TMA	422528	5415493	0.08191	393.05	393.05	0 ANNUAL	EMRSS	5
TMA	422528	5415593	0.07965	394.16	394.16	0 ANNUAL	EMRSS	5
TMA	422528	5415693	0.07836	394.07	394.07	0 ANNUAL	EMRSS	5
TMA	422528	5415793	0.07713	393.98	393.98	0 ANNUAL	EMRSS	5
TMA	422528	5415893	0.07651	393	393	0 ANNUAL	EMRSS	5
TMA	422528	5415993	0.07586	392	392	0 ANNUAL	EMRSS	5
TMA	422528	5416093	0.07461	392	392	0 ANNUAL	EMRSS	5
TMA	422528	5416193	0.07257	393.43	393.43	0 ANNUAL	EMRSS	5
TMA	422628	5415293	0.08966	390	390	0 ANNUAL	EMRSS	5
TMA	422628	5415393	0.08571	392.95	392.95	0 ANNUAL	EMRSS	5
TMA	422628	5415493	0.08193	395.85	395.85	0 ANNUAL	EMRSS	5
TMA	422628	5415593	0.0791	397.7	397.7	0 ANNUAL	EMRSS	5
TMA	422628	5415693	0.07787	397.61	397.61	0 ANNUAL	EMRSS	5
TMA	422628	5415793	0.07739	396.52	396.52	0 ANNUAL	EMRSS	5
TMA	422628	5415893	0.077	395.2	395.2	0 ANNUAL	EMRSS	5
TMA	422628	5415993	0.07645	394	394	0 ANNUAL	EMRSS	5
TMA	422628	5416093	0.07569	393	393	0 ANNUAL	EMRSS	5
TMA	422628	5416193	0.07396	393.57	393.57	0 ANNUAL	EMRSS	5
TMA	422728	5415293	0.09075	391.69	391.69	0 ANNUAL	EMRSS	5
TMA	422728	5415393	0.08721	394.01	394.01	0 ANNUAL	EMRSS	5
TMA	422728	5415493	0.08295	397.33	397.33	0 ANNUAL	EMRSS	5
TMA	422728	5415593	0.07929	400	400	0 ANNUAL	EMRSS	5
TMA	422728	5415693	0.07793	400	400	0 ANNUAL	EMRSS	5
TMA	422728	5415793	0.07756	398.74	398.74	0 ANNUAL	EMRSS	5
TMA	422728	5415893	0.07744	397	397	0 ANNUAL	EMRSS	5
TMA	422728	5415993	0.07728	395.08	395.08	0 ANNUAL	EMRSS	5
TMA	422728	5416093	0.07643	394	394	0 ANNUAL	EMRSS	5
TMA	422728	5416193	0.07487	394	394	0 ANNUAL	EMRSS	5
TMA	422828	5415293	0.09238	392.75	392.75	0 ANNUAL	EMRSS	5
TMA	422828	5415393	0.08873	395	395	0 ANNUAL	EMRSS	5
TMA	422828	5415493	0.08537	397	397	0 ANNUAL	EMRSS	5
TMA	422828	5415593	0.08231	398.71	398.71	0 ANNUAL	EMRSS	5
TMA	422828	5415693	0.08048	399	399	0 ANNUAL	EMRSS	5
TMA	422828	5415793	0.07889	399	399	0 ANNUAL	EMRSS	5
TMA	422828	5415893	0.07792	398.18	398.18	0 ANNUAL	EMRSS	5
TMA	422828	5415993	0.07713	397	397	0 ANNUAL	EMRSS	5
TMA	422828	5416093	0.07614	396	396	0 ANNUAL	EMRSS	5
TMA	422828	5416193	0.07508	395	395	0 ANNUAL	EMRSS	5
TMA	422928	5415293	0.09412	393.5	393.5	0 ANNUAL	EMRSS	5
TMA	422928	5415393	0.09076	395.13	395.13	0 ANNUAL	EMRSS	5
TMA	422928	5415493	0.08725	397	397	0 ANNUAL	EMRSS	5
TMA	422928	5415593	0.08388	398.77	398.77	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	422928	5415693	0.08188	399	399	0 ANNUAL	EMRSS	5
TMA	422928	5415793	0.08007	399	399	0 ANNUAL	EMRSS	5
TMA	422928	5415893	0.07826	399	399	0 ANNUAL	EMRSS	5
TMA	422928	5415993	0.07722	398	398	0 ANNUAL	EMRSS	5
TMA	422928	5416093	0.07612	397	397	0 ANNUAL	EMRSS	5
TMA	422928	5416193	0.07498	396	396	0 ANNUAL	EMRSS	5
TMA	423028	5415293	0.09586	393.89	393.89	0 ANNUAL	EMRSS	5
TMA	423028	5415393	0.09268	395	395	0 ANNUAL	EMRSS	5
TMA	423028	5415493	0.0892	396.51	396.51	0 ANNUAL	EMRSS	5
TMA	423028	5415593	0.08594	397.84	397.84	0 ANNUAL	EMRSS	5
TMA	423028	5415693	0.08289	399	399	0 ANNUAL	EMRSS	5
TMA	423028	5415793	0.0805	399.46	399.46	0 ANNUAL	EMRSS	5
TMA	423028	5415893	0.07834	399.7	399.7	0 ANNUAL	EMRSS	5
TMA	423028	5415993	0.07697	399	399	0 ANNUAL	EMRSS	5
TMA	423028	5416093	0.07582	398	398	0 ANNUAL	EMRSS	5
TMA	423028	5416193	0.07394	398	398	0 ANNUAL	EMRSS	5
TMA	423128	5415293	0.09656	394.93	394.93	0 ANNUAL	EMRSS	5
TMA	423128	5415393	0.09314	396	396	0 ANNUAL	EMRSS	5
TMA	423128	5415493	0.08959	397.3	397.3	0 ANNUAL	EMRSS	5
TMA	423128	5415593	0.08627	398.44	398.44	0 ANNUAL	EMRSS	5
TMA	423128	5415693	0.08357	399	399	0 ANNUAL	EMRSS	5
TMA	423128	5415793	0.08056	400	400	0 ANNUAL	EMRSS	5
TMA	423128	5415893	0.0785	400	400	0 ANNUAL	EMRSS	5
TMA	423128	5415993	0.0773	399	399	0 ANNUAL	EMRSS	5
TMA	423128	5416093	0.07534	399	399	0 ANNUAL	EMRSS	5
TMA	423128	5416193	0.07344	399	399	0 ANNUAL	EMRSS	5
TMA	423228	5415293	0.09769	395	395	0 ANNUAL	EMRSS	5
TMA	423228	5415393	0.09312	397	397	0 ANNUAL	EMRSS	5
TMA	423228	5415493	0.08902	398.66	398.66	0 ANNUAL	EMRSS	5
TMA	423228	5415593	0.08536	400	400	0 ANNUAL	EMRSS	5
TMA	423228	5415693	0.0831	400	400	0 ANNUAL	EMRSS	5
TMA	423228	5415793	0.0809	400	400	0 ANNUAL	EMRSS	5
TMA	423228	5415893	0.07962	399	399	0 ANNUAL	EMRSS	5
TMA	423228	5415993	0.07755	399	399	0 ANNUAL	EMRSS	5
TMA	423228	5416093	0.07556	399	399	0 ANNUAL	EMRSS	5
TMA	423228	5416193	0.07291	400	400	0 ANNUAL	EMRSS	5
TMA	423328	5415293	0.09746	396.05	396.05	0 ANNUAL	EMRSS	5
TMA	423328	5415393	0.09274	398	398	0 ANNUAL	EMRSS	5
TMA	423328	5415493	0.08916	399	399	0 ANNUAL	EMRSS	5
TMA	423328	5415593	0.08573	400	400	0 ANNUAL	EMRSS	5
TMA	423328	5415693	0.08341	400	400	0 ANNUAL	EMRSS	5
TMA	423328	5415793	0.08117	400	400	0 ANNUAL	EMRSS	5
TMA	423328	5415893	0.07989	399	399	0 ANNUAL	EMRSS	5
TMA	423328	5415993	0.07861	398	398	0 ANNUAL	EMRSS	5
TMA	423328	5416093	0.07658	398	398	0 ANNUAL	EMRSS	5
TMA	423328	5416193	0.0739	399.01	399.01	0 ANNUAL	EMRSS	5
TMA	423428	5415293	0.09702	397	397	0 ANNUAL	EMRSS	5
TMA	423428	5415393	0.09273	398.43	398.43	0 ANNUAL	EMRSS	5
TMA	423428	5415493	0.08953	399	399	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	423428	5415593	0.08619	399.86	399.86	0 ANNUAL	EMRSS	5	
TMA	423428	5415693	0.08464	399	399	0 ANNUAL	EMRSS	5	
TMA	423428	5415793	0.08322	398.03	398.03	0 ANNUAL	EMRSS	5	
TMA	423428	5415893	0.08186	397	397	0 ANNUAL	EMRSS	5	
TMA	423428	5415993	0.0805	396	396	0 ANNUAL	EMRSS	5	
TMA	423428	5416093	0.07872	395.59	395.59	0 ANNUAL	EMRSS	5	
TMA	423428	5416193	0.07643	396	396	0 ANNUAL	EMRSS	5	
TMA	423528	5415293	0.09747	397	397	0 ANNUAL	EMRSS	5	
TMA	423528	5415393	0.09358	398	398	0 ANNUAL	EMRSS	5	
TMA	423528	5415493	0.0899	399	399	0 ANNUAL	EMRSS	5	
TMA	423528	5415593	0.08741	399	399	0 ANNUAL	EMRSS	5	
TMA	423528	5415693	0.08567	398.3	398.3	0 ANNUAL	EMRSS	5	
TMA	423528	5415793	0.08451	397	397	0 ANNUAL	EMRSS	5	
TMA	423528	5415893	0.08315	395.93	395.93	0 ANNUAL	EMRSS	5	
TMA	423528	5415993	0.08211	394.45	394.45	0 ANNUAL	EMRSS	5	
TMA	423528	5416093	0.08085	393.24	393.24	0 ANNUAL	EMRSS	5	
TMA	423528	5416193	0.07901	392.91	392.91	0 ANNUAL	EMRSS	5	
TMA	423628	5415293	0.09575	399	399	0 ANNUAL	EMRSS	5	
TMA	423628	5415393	0.093	399	399	0 ANNUAL	EMRSS	5	
TMA	423628	5415493	0.09015	399.23	399.23	0 ANNUAL	EMRSS	5	
TMA	423628	5415593	0.08776	399.14	399.14	0 ANNUAL	EMRSS	5	
TMA	423628	5415693	0.08596	398.54	398.54	0 ANNUAL	EMRSS	5	
TMA	423628	5415793	0.08488	397.18	397.18	0 ANNUAL	EMRSS	5	
TMA	423628	5415893	0.08375	395.87	395.87	0 ANNUAL	EMRSS	5	
TMA	423628	5415993	0.08301	394	394	0 ANNUAL	EMRSS	5	
TMA	423628	5416093	0.08214	392.23	392.23	0 ANNUAL	EMRSS	5	
TMA	423628	5416193	0.08086	391	391	0 ANNUAL	EMRSS	5	
TMA	423728	5415293	0.09522	400	400	0 ANNUAL	EMRSS	5	
TMA	423728	5415393	0.09253	400	400	0 ANNUAL	EMRSS	5	
TMA	423728	5415493	0.08997	400	400	0 ANNUAL	EMRSS	5	
TMA	423728	5415593	0.08754	400	400	0 ANNUAL	EMRSS	5	
TMA	423728	5415693	0.08618	399	399	0 ANNUAL	EMRSS	5	
TMA	423728	5415793	0.08483	398	398	0 ANNUAL	EMRSS	5	
TMA	423728	5415893	0.08433	396	396	0 ANNUAL	EMRSS	5	
TMA	423728	5415993	0.08358	394.18	394.18	0 ANNUAL	EMRSS	5	
TMA	423728	5416093	0.08231	393	393	0 ANNUAL	EMRSS	5	
TMA	423728	5416193	0.08102	391.86	391.86	0 ANNUAL	EMRSS	5	
TMA	423828	5415293	0.09601	400	400	0 ANNUAL	EMRSS	5	
TMA	423828	5415393	0.09333	400	400	0 ANNUAL	EMRSS	5	
TMA	423828	5415493	0.09077	400	400	0 ANNUAL	EMRSS	5	
TMA	423828	5415593	0.08834	400	400	0 ANNUAL	EMRSS	5	
TMA	423828	5415693	0.08709	398.89	398.89	0 ANNUAL	EMRSS	5	
TMA	423828	5415793	0.08648	397.07	397.07	0 ANNUAL	EMRSS	5	
TMA	423828	5415893	0.08515	396	396	0 ANNUAL	EMRSS	5	
TMA	423828	5415993	0.08422	394.43	394.43	0 ANNUAL	EMRSS	5	
TMA	423828	5416093	0.08307	393.11	393.11	0 ANNUAL	EMRSS	5	
TMA	423828	5416193	0.08175	392	392	0 ANNUAL	EMRSS	5	
TMA	423928	5415293	0.09698	400	400	0 ANNUAL	EMRSS	5	
TMA	423928	5415393	0.09429	400	400	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	423928	5415493	0.09172	400	400	0 ANNUAL	EMRSS	5
TMA	423928	5415593	0.0903	399	399	0 ANNUAL	EMRSS	5
TMA	423928	5415693	0.08935	397.51	397.51	0 ANNUAL	EMRSS	5
TMA	423928	5415793	0.08837	396	396	0 ANNUAL	EMRSS	5
TMA	423928	5415893	0.08692	395	395	0 ANNUAL	EMRSS	5
TMA	423928	5415993	0.08548	394	394	0 ANNUAL	EMRSS	5
TMA	423928	5416093	0.08431	392.65	392.65	0 ANNUAL	EMRSS	5
TMA	423928	5416193	0.08337	390.93	390.93	0 ANNUAL	EMRSS	5
TMA	424028	5415293	0.0981	400	400	0 ANNUAL	EMRSS	5
TMA	424028	5415393	0.09537	400	400	0 ANNUAL	EMRSS	5
TMA	424028	5415493	0.09278	400	400	0 ANNUAL	EMRSS	5
TMA	424028	5415593	0.0903	400	400	0 ANNUAL	EMRSS	5
TMA	424028	5415693	0.08945	398.46	398.46	0 ANNUAL	EMRSS	5
TMA	424028	5415793	0.08957	395.78	395.78	0 ANNUAL	EMRSS	5
TMA	424028	5415893	0.08954	393	393	0 ANNUAL	EMRSS	5
TMA	424028	5415993	0.08721	393	393	0 ANNUAL	EMRSS	5
TMA	424028	5416093	0.08635	391.09	391.09	0 ANNUAL	EMRSS	5
TMA	424028	5416193	0.0851	389.68	389.68	0 ANNUAL	EMRSS	5
TMA	424128	5415293	0.09926	400	400	0 ANNUAL	EMRSS	5
TMA	424128	5415393	0.09649	400	400	0 ANNUAL	EMRSS	5
TMA	424128	5415493	0.09274	401	401	0 ANNUAL	EMRSS	5
TMA	424128	5415593	0.09026	401	401	0 ANNUAL	EMRSS	5
TMA	424128	5415693	0.0897	399.21	399.21	0 ANNUAL	EMRSS	5
TMA	424128	5415793	0.09222	393.89	393.89	0 ANNUAL	EMRSS	5
TMA	424128	5415893	0.09285	390	390	0 ANNUAL	EMRSS	5
TMA	424128	5415993	0.09037	390	390	0 ANNUAL	EMRSS	5
TMA	424128	5416093	0.08732	390.97	390.97	0 ANNUAL	EMRSS	5
TMA	424128	5416193	0.08647	388.86	388.86	0 ANNUAL	EMRSS	5
TMA	423228	5415193	0.10172	393.68	393.68	0 ANNUAL	EMRSS	5
TMA	423228	5415093	0.10621	392	392	0 ANNUAL	EMRSS	5
TMA	423328	5415193	0.10245	394	394	0 ANNUAL	EMRSS	5
TMA	423328	5415093	0.10757	391.99	391.99	0 ANNUAL	EMRSS	5
TMA	423428	5415193	0.10213	395	395	0 ANNUAL	EMRSS	5
TMA	423428	5415093	0.10637	394	394	0 ANNUAL	EMRSS	5
TMA	423528	5415193	0.10158	396	396	0 ANNUAL	EMRSS	5
TMA	423528	5415093	0.10591	395	395	0 ANNUAL	EMRSS	5
TMA	423628	5415193	0.09987	397.96	397.96	0 ANNUAL	EMRSS	5
TMA	423628	5415093	0.10532	396	396	0 ANNUAL	EMRSS	5
TMA	423728	5415193	0.09929	398.97	398.97	0 ANNUAL	EMRSS	5
TMA	423728	5415093	0.10476	397	397	0 ANNUAL	EMRSS	5
TMA	423828	5415193	0.10076	398.4	398.4	0 ANNUAL	EMRSS	5
TMA	423828	5415093	0.10556	397	397	0 ANNUAL	EMRSS	5
TMA	423928	5415193	0.10104	399	399	0 ANNUAL	EMRSS	5
TMA	423928	5415093	0.10563	397.77	397.77	0 ANNUAL	EMRSS	5
TMA	424028	5415193	0.10095	400	400	0 ANNUAL	EMRSS	5
TMA	424028	5415093	0.1053	398.97	398.97	0 ANNUAL	EMRSS	5
TMA	424028	5414993	0.11055	397.46	397.46	0 ANNUAL	EMRSS	5
TMA	424028	5414893	0.11606	396	396	0 ANNUAL	EMRSS	5
TMA	424028	5414793	0.11826	397.12	397.12	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr Num	Year	Net ID
TMA	424028	5414693	0.11858	399.44	399.44	0 ANNUAL	EMRSS	5
TMA	424128	5415193	0.10217	400	400	0 ANNUAL	EMRSS	5
TMA	424128	5415093	0.10653	399	399	0 ANNUAL	EMRSS	5
TMA	424128	5414993	0.11117	398	398	0 ANNUAL	EMRSS	5
TMA	424128	5414893	0.1159	397.14	397.14	0 ANNUAL	EMRSS	5
TMA	424128	5414793	0.1184	398	398	0 ANNUAL	EMRSS	5
TMA	424128	5414693	0.12013	399.38	399.38	0 ANNUAL	EMRSS	5
TMA	420028	5413493	0.05133	379	379	0 ANNUAL	EMRSS	5
TMA	420028	5413593	0.05122	379	379	0 ANNUAL	EMRSS	5
TMA	420028	5413693	0.05118	379	379	0 ANNUAL	EMRSS	5
TMA	420028	5413793	0.05127	379	379	0 ANNUAL	EMRSS	5
TMA	420028	5413893	0.05148	379.08	379.08	0 ANNUAL	EMRSS	5
TMA	420028	5413993	0.05184	379	379	0 ANNUAL	EMRSS	5
TMA	420028	5414093	0.05224	379	379	0 ANNUAL	EMRSS	5
TMA	420028	5414193	0.05287	377.89	377.89	0 ANNUAL	EMRSS	5
TMA	420028	5414293	0.05353	376	376	0 ANNUAL	EMRSS	5
TMA	420028	5414393	0.05401	373.92	373.92	0 ANNUAL	EMRSS	5
TMA	420028	5414493	0.05418	372.25	372.25	0 ANNUAL	EMRSS	5
TMA	420028	5414593	0.05382	373	373	0 ANNUAL	EMRSS	5
TMA	420028	5414693	0.05308	375.1	375.1	0 ANNUAL	EMRSS	5
TMA	420028	5414793	0.05238	375.76	375.76	0 ANNUAL	EMRSS	5
TMA	420028	5414893	0.05169	375.64	375.64	0 ANNUAL	EMRSS	5
TMA	420028	5414993	0.05044	378.09	378.09	0 ANNUAL	EMRSS	5
TMA	420028	5415093	0.04911	380.44	380.44	0 ANNUAL	EMRSS	5
TMA	420028	5415193	0.0483	380.23	380.23	0 ANNUAL	EMRSS	5
TMA	420028	5415293	0.04754	380	380	0 ANNUAL	EMRSS	5
TMA	420028	5415393	0.04681	380	380	0 ANNUAL	EMRSS	5
TMA	420028	5415493	0.04621	379.87	379.87	0 ANNUAL	EMRSS	5
TMA	420028	5415593	0.04565	380	380	0 ANNUAL	EMRSS	5
TMA	420028	5415693	0.04503	381	381	0 ANNUAL	EMRSS	5
TMA	420028	5415793	0.0445	382	382	0 ANNUAL	EMRSS	5
TMA	420028	5415893	0.04423	382	382	0 ANNUAL	EMRSS	5
TMA	420028	5415993	0.04399	382	382	0 ANNUAL	EMRSS	5
TMA	420028	5416093	0.04395	381	381	0 ANNUAL	EMRSS	5
TMA	420028	5416193	0.04388	380.09	380.09	0 ANNUAL	EMRSS	5
TMA	419928	5413493	0.05002	377.92	377.92	0 ANNUAL	EMRSS	5
TMA	419928	5413593	0.04995	377.82	377.82	0 ANNUAL	EMRSS	5
TMA	419928	5413693	0.04989	377.73	377.73	0 ANNUAL	EMRSS	5
TMA	419928	5413793	0.04992	377.63	377.63	0 ANNUAL	EMRSS	5
TMA	419928	5413893	0.05021	377	377	0 ANNUAL	EMRSS	5
TMA	419928	5413993	0.05047	377	377	0 ANNUAL	EMRSS	5
TMA	419928	5414093	0.05103	376	376	0 ANNUAL	EMRSS	5
TMA	419928	5414193	0.05158	375	375	0 ANNUAL	EMRSS	5
TMA	419928	5414293	0.05218	373.32	373.32	0 ANNUAL	EMRSS	5
TMA	419928	5414393	0.05256	372.06	372.06	0 ANNUAL	EMRSS	5
TMA	419928	5414493	0.05261	372	372	0 ANNUAL	EMRSS	5
TMA	419928	5414593	0.05214	374.56	374.56	0 ANNUAL	EMRSS	5
TMA	419928	5414693	0.05109	379.09	379.09	0 ANNUAL	EMRSS	5
TMA	419928	5414793	0.05049	380	380	0 ANNUAL	EMRSS	5



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	419928	5414893	0.04991	380	380	0 ANNUAL	EMRSS	5
TMA	419928	5414993	0.0492	380	380	0 ANNUAL	EMRSS	5
TMA	419928	5415093	0.04835	380.27	380.27	0 ANNUAL	EMRSS	5
TMA	419928	5415193	0.04758	380	380	0 ANNUAL	EMRSS	5
TMA	419928	5415293	0.04691	379.23	379.23	0 ANNUAL	EMRSS	5
TMA	419928	5415393	0.04618	379	379	0 ANNUAL	EMRSS	5
TMA	419928	5415493	0.04549	379	379	0 ANNUAL	EMRSS	5
TMA	419928	5415593	0.0447	380	380	0 ANNUAL	EMRSS	5
TMA	419928	5415693	0.04382	382	382	0 ANNUAL	EMRSS	5
TMA	419928	5415793	0.04304	384	384	0 ANNUAL	EMRSS	5
TMA	419928	5415893	0.04267	384.34	384.34	0 ANNUAL	EMRSS	5
TMA	419928	5415993	0.04262	383.34	383.34	0 ANNUAL	EMRSS	5
TMA	419928	5416093	0.04273	381.47	381.47	0 ANNUAL	EMRSS	5
TMA	419928	5416193	0.04275	380	380	0 ANNUAL	EMRSS	5
TMA	419828	5413493	0.04889	376	376	0 ANNUAL	EMRSS	5
TMA	419828	5413593	0.04884	376	376	0 ANNUAL	EMRSS	5
TMA	419828	5413693	0.04891	375.18	375.18	0 ANNUAL	EMRSS	5
TMA	419828	5413793	0.04889	375.07	375.07	0 ANNUAL	EMRSS	5
TMA	419828	5413893	0.04897	375	375	0 ANNUAL	EMRSS	5
TMA	419828	5413993	0.04934	374	374	0 ANNUAL	EMRSS	5
TMA	419828	5414093	0.0498	373	373	0 ANNUAL	EMRSS	5
TMA	419828	5414193	0.05017	372.71	372.71	0 ANNUAL	EMRSS	5
TMA	419828	5414293	0.0506	372	372	0 ANNUAL	EMRSS	5
TMA	419828	5414393	0.05092	371.52	371.52	0 ANNUAL	EMRSS	5
TMA	419828	5414493	0.05099	372	372	0 ANNUAL	EMRSS	5
TMA	419828	5414593	0.05063	374.71	374.71	0 ANNUAL	EMRSS	5
TMA	419828	5414693	0.0501	377.27	377.27	0 ANNUAL	EMRSS	5
TMA	419828	5414793	0.04933	380	380	0 ANNUAL	EMRSS	5
TMA	419828	5414893	0.049	379.38	379.38	0 ANNUAL	EMRSS	5
TMA	419828	5414993	0.04848	379	379	0 ANNUAL	EMRSS	5
TMA	419828	5415093	0.04779	378.96	378.96	0 ANNUAL	EMRSS	5
TMA	419828	5415193	0.04705	378.77	378.77	0 ANNUAL	EMRSS	5
TMA	419828	5415293	0.04623	378.93	378.93	0 ANNUAL	EMRSS	5
TMA	419828	5415393	0.04544	379	379	0 ANNUAL	EMRSS	5
TMA	419828	5415493	0.04456	379.79	379.79	0 ANNUAL	EMRSS	5
TMA	419828	5415593	0.04386	380	380	0 ANNUAL	EMRSS	5
TMA	419828	5415693	0.04269	383.2	383.2	0 ANNUAL	EMRSS	5
TMA	419828	5415793	0.04157	386.41	386.41	0 ANNUAL	EMRSS	5
TMA	419828	5415893	0.04092	387.89	387.89	0 ANNUAL	EMRSS	5
TMA	419828	5415993	0.04085	387	387	0 ANNUAL	EMRSS	5
TMA	419828	5416093	0.04125	383.65	390	0 ANNUAL	EMRSS	5
TMA	419828	5416193	0.04177	379.04	392	0 ANNUAL	EMRSS	5
TMA	419728	5413493	0.04723	377.15	377.15	0 ANNUAL	EMRSS	5
TMA	419728	5413593	0.04747	375.65	375.65	0 ANNUAL	EMRSS	5
TMA	419728	5413693	0.04767	374	374	0 ANNUAL	EMRSS	5
TMA	419728	5413793	0.04778	373	373	0 ANNUAL	EMRSS	5
TMA	419728	5413893	0.04782	372.77	372.77	0 ANNUAL	EMRSS	5
TMA	419728	5413993	0.04807	372	372	0 ANNUAL	EMRSS	5
TMA	419728	5414093	0.0484	371.25	371.25	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	419728	5414193	0.04872	371	371	0 ANNUAL	EMRSS	5	
TMA	419728	5414293	0.04902	371	371	0 ANNUAL	EMRSS	5	
TMA	419728	5414393	0.04915	372	372	0 ANNUAL	EMRSS	5	
TMA	419728	5414493	0.04936	372.11	372.11	0 ANNUAL	EMRSS	5	
TMA	419728	5414593	0.04935	373	373	0 ANNUAL	EMRSS	5	
TMA	419728	5414693	0.04907	374.99	374.99	0 ANNUAL	EMRSS	5	
TMA	419728	5414793	0.04876	376	376	0 ANNUAL	EMRSS	5	
TMA	419728	5414893	0.04838	376.51	376.51	0 ANNUAL	EMRSS	5	
TMA	419728	5414993	0.04784	377	377	0 ANNUAL	EMRSS	5	
TMA	419728	5415093	0.04722	377.23	377.23	0 ANNUAL	EMRSS	5	
TMA	419728	5415193	0.04627	378.9	378.9	0 ANNUAL	EMRSS	5	
TMA	419728	5415293	0.04534	379.98	379.98	0 ANNUAL	EMRSS	5	
TMA	419728	5415393	0.04457	380	380	0 ANNUAL	EMRSS	5	
TMA	419728	5415493	0.04363	381.06	381.06	0 ANNUAL	EMRSS	5	
TMA	419728	5415593	0.0424	383.84	383.84	0 ANNUAL	EMRSS	5	
TMA	419728	5415693	0.04125	386.38	386.38	0 ANNUAL	EMRSS	5	
TMA	419728	5415793	0.04005	389.45	389.45	0 ANNUAL	EMRSS	5	
TMA	419728	5415893	0.03953	390	390	0 ANNUAL	EMRSS	5	
TMA	419728	5415993	0.03902	391	391	0 ANNUAL	EMRSS	5	
TMA	419728	5416093	0.03858	392	392	0 ANNUAL	EMRSS	5	
TMA	419728	5416193	0.03865	391	391	0 ANNUAL	EMRSS	5	
TMA	419628	5413093	0.0432	380	380	0 ANNUAL	EMRSS	5	
TMA	419628	5413193	0.04397	380	380	0 ANNUAL	EMRSS	5	
TMA	419628	5413293	0.04462	380	380	0 ANNUAL	EMRSS	5	
TMA	419628	5413393	0.04508	380	380	0 ANNUAL	EMRSS	5	
TMA	419628	5413493	0.0455	378.97	378.97	0 ANNUAL	EMRSS	5	
TMA	419628	5413593	0.04588	377	377	0 ANNUAL	EMRSS	5	
TMA	419628	5413693	0.04615	375	375	0 ANNUAL	EMRSS	5	
TMA	419628	5413793	0.04638	372.96	372.96	0 ANNUAL	EMRSS	5	
TMA	419628	5413893	0.04666	371	371	0 ANNUAL	EMRSS	5	
TMA	419628	5413993	0.04687	370	370	0 ANNUAL	EMRSS	5	
TMA	419628	5414093	0.04685	371	371	0 ANNUAL	EMRSS	5	
TMA	419628	5414193	0.04706	371.12	371.12	0 ANNUAL	EMRSS	5	
TMA	419628	5414293	0.04721	372	372	0 ANNUAL	EMRSS	5	
TMA	419628	5414393	0.0475	372.03	372.03	0 ANNUAL	EMRSS	5	
TMA	419628	5414493	0.0473	375.26	375.26	0 ANNUAL	EMRSS	5	
TMA	419628	5414593	0.04712	377.75	377.75	0 ANNUAL	EMRSS	5	
TMA	419628	5414693	0.04753	375.85	375.85	0 ANNUAL	EMRSS	5	
TMA	419628	5414793	0.04749	375.94	375.94	0 ANNUAL	EMRSS	5	
TMA	419628	5414893	0.04729	376.04	376.04	0 ANNUAL	EMRSS	5	
TMA	419628	5414993	0.04681	377.11	377.11	0 ANNUAL	EMRSS	5	
TMA	419628	5415093	0.04605	379	379	0 ANNUAL	EMRSS	5	
TMA	419628	5415193	0.04523	380.49	380.49	0 ANNUAL	EMRSS	5	
TMA	419628	5415293	0.0443	382	382	0 ANNUAL	EMRSS	5	
TMA	419628	5415393	0.04328	383.57	383.57	0 ANNUAL	EMRSS	5	
TMA	419628	5415493	0.0422	385.26	385.26	0 ANNUAL	EMRSS	5	
TMA	419628	5415593	0.04113	386.93	386.93	0 ANNUAL	EMRSS	5	
TMA	419628	5415693	0.04022	388.07	388.07	0 ANNUAL	EMRSS	5	
TMA	419628	5415793	0.03944	389	389	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source	Gr Num	Year	Net ID
TMA	419628	5415893	0.03903	388.71	388.71	0 ANNUAL	EMRSS	5	
TMA	419628	5415993	0.03838	390	390	0 ANNUAL	EMRSS	5	
TMA	419628	5416093	0.03789	391	391	0 ANNUAL	EMRSS	5	
TMA	419628	5416193	0.03769	391	391	0 ANNUAL	EMRSS	5	
TMA	419528	5413093	0.04163	380	380	0 ANNUAL	EMRSS	5	
TMA	419528	5413193	0.04239	380	380	0 ANNUAL	EMRSS	5	
TMA	419528	5413293	0.04308	380	380	0 ANNUAL	EMRSS	5	
TMA	419528	5413393	0.04362	380	380	0 ANNUAL	EMRSS	5	
TMA	419528	5413493	0.04395	380	380	0 ANNUAL	EMRSS	5	
TMA	419528	5413593	0.04437	378.23	378.23	0 ANNUAL	EMRSS	5	
TMA	419528	5413693	0.0449	374.7	374.7	0 ANNUAL	EMRSS	5	
TMA	419528	5413793	0.04534	371.02	371.02	0 ANNUAL	EMRSS	5	
TMA	419528	5413893	0.04544	370	370	0 ANNUAL	EMRSS	5	
TMA	419528	5413993	0.04535	370.62	370.62	0 ANNUAL	EMRSS	5	
TMA	419528	5414093	0.04537	371	371	0 ANNUAL	EMRSS	5	
TMA	419528	5414193	0.04538	372	372	0 ANNUAL	EMRSS	5	
TMA	419528	5414293	0.04539	373.58	373.58	0 ANNUAL	EMRSS	5	
TMA	419528	5414393	0.04563	374	374	0 ANNUAL	EMRSS	5	
TMA	419528	5414493	0.04543	377.2	377.2	0 ANNUAL	EMRSS	5	
TMA	419528	5414593	0.04522	380	380	0 ANNUAL	EMRSS	5	
TMA	419528	5414693	0.04553	379.49	379.49	0 ANNUAL	EMRSS	5	
TMA	419528	5414793	0.0458	378.41	378.41	0 ANNUAL	EMRSS	5	
TMA	419528	5414893	0.04581	378	378	0 ANNUAL	EMRSS	5	
TMA	419528	5414993	0.04546	379	379	0 ANNUAL	EMRSS	5	
TMA	419528	5415093	0.04496	380	380	0 ANNUAL	EMRSS	5	
TMA	419528	5415193	0.04427	381.42	381.42	0 ANNUAL	EMRSS	5	
TMA	419528	5415293	0.04329	383.74	383.74	0 ANNUAL	EMRSS	5	
TMA	419528	5415393	0.04219	386	386	0 ANNUAL	EMRSS	5	
TMA	419528	5415493	0.04131	386.85	386.85	0 ANNUAL	EMRSS	5	
TMA	419528	5415593	0.04062	386.76	386.76	0 ANNUAL	EMRSS	5	
TMA	419528	5415693	0.04015	385.66	385.66	0 ANNUAL	EMRSS	5	
TMA	419528	5415793	0.03973	384.57	384.57	0 ANNUAL	EMRSS	5	
TMA	419528	5415893	0.03901	385.47	385.47	0 ANNUAL	EMRSS	5	
TMA	419528	5415993	0.03805	387.98	387.98	0 ANNUAL	EMRSS	5	
TMA	419528	5416093	0.03747	389.08	389.08	0 ANNUAL	EMRSS	5	
TMA	419528	5416193	0.03718	389.19	389.19	0 ANNUAL	EMRSS	5	
TMA	419428	5413093	0.0405	378	378	0 ANNUAL	EMRSS	5	
TMA	419428	5413193	0.04105	379	379	0 ANNUAL	EMRSS	5	
TMA	419428	5413293	0.04176	379	379	0 ANNUAL	EMRSS	5	
TMA	419428	5413393	0.04219	380	380	0 ANNUAL	EMRSS	5	
TMA	419428	5413493	0.0426	380	380	0 ANNUAL	EMRSS	5	
TMA	419428	5413593	0.04302	378.71	378.71	0 ANNUAL	EMRSS	5	
TMA	419428	5413693	0.04368	374.4	374.4	0 ANNUAL	EMRSS	5	
TMA	419428	5413793	0.04418	370.08	370.08	0 ANNUAL	EMRSS	5	
TMA	419428	5413893	0.04414	370	370	0 ANNUAL	EMRSS	5	
TMA	419428	5413993	0.04397	371	371	0 ANNUAL	EMRSS	5	
TMA	419428	5414093	0.04384	372	372	0 ANNUAL	EMRSS	5	
TMA	419428	5414193	0.04377	373.19	373.19	0 ANNUAL	EMRSS	5	
TMA	419428	5414293	0.04372	374.78	374.78	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	419428	5414393	0.04396	375	375	0 ANNUAL	EMRSS	5	
TMA	419428	5414493	0.04395	377	377	0 ANNUAL	EMRSS	5	
TMA	419428	5414593	0.04393	379	379	0 ANNUAL	EMRSS	5	
TMA	419428	5414693	0.04407	379.79	379.79	0 ANNUAL	EMRSS	5	
TMA	419428	5414793	0.04438	379	379	0 ANNUAL	EMRSS	5	
TMA	419428	5414893	0.04441	379.13	379.13	0 ANNUAL	EMRSS	5	
TMA	419428	5414993	0.0442	380	380	0 ANNUAL	EMRSS	5	
TMA	419428	5415093	0.04383	381.01	381.01	0 ANNUAL	EMRSS	5	
TMA	419428	5415193	0.04313	383.15	383.15	0 ANNUAL	EMRSS	5	
TMA	419428	5415293	0.04234	385	385	0 ANNUAL	EMRSS	5	
TMA	419428	5415393	0.04177	385	385	0 ANNUAL	EMRSS	5	
TMA	419428	5415493	0.04134	383.78	383.78	0 ANNUAL	EMRSS	5	
TMA	419428	5415593	0.04079	383	383	0 ANNUAL	EMRSS	5	
TMA	419428	5415693	0.04026	382.01	382.01	0 ANNUAL	EMRSS	5	
TMA	419428	5415793	0.03977	381	381	0 ANNUAL	EMRSS	5	
TMA	419428	5415893	0.03908	381.54	381.54	0 ANNUAL	EMRSS	5	
TMA	419428	5415993	0.038	384.75	384.75	0 ANNUAL	EMRSS	5	
TMA	419428	5416093	0.03715	387	387	0 ANNUAL	EMRSS	5	
TMA	419428	5416193	0.03649	388.7	388.7	0 ANNUAL	EMRSS	5	
TMA	419328	5413093	0.03925	377	377	0 ANNUAL	EMRSS	5	
TMA	419328	5413193	0.03961	378.95	378.95	0 ANNUAL	EMRSS	5	
TMA	419328	5413293	0.04014	380	380	0 ANNUAL	EMRSS	5	
TMA	419328	5413393	0.04062	381	381	0 ANNUAL	EMRSS	5	
TMA	419328	5413493	0.04128	380	380	0 ANNUAL	EMRSS	5	
TMA	419328	5413593	0.0421	376.33	376.33	0 ANNUAL	EMRSS	5	
TMA	419328	5413693	0.0427	372.21	372.21	0 ANNUAL	EMRSS	5	
TMA	419328	5413793	0.04296	370	370	0 ANNUAL	EMRSS	5	
TMA	419328	5413893	0.04292	370	370	0 ANNUAL	EMRSS	5	
TMA	419328	5413993	0.04273	371	371	0 ANNUAL	EMRSS	5	
TMA	419328	5414093	0.04245	372.81	372.81	0 ANNUAL	EMRSS	5	
TMA	419328	5414193	0.04232	374	374	0 ANNUAL	EMRSS	5	
TMA	419328	5414293	0.0423	375.05	375.05	0 ANNUAL	EMRSS	5	
TMA	419328	5414393	0.04238	376	376	0 ANNUAL	EMRSS	5	
TMA	419328	5414493	0.04267	376	376	0 ANNUAL	EMRSS	5	
TMA	419328	5414593	0.04267	378	378	0 ANNUAL	EMRSS	5	
TMA	419328	5414693	0.04281	379	379	0 ANNUAL	EMRSS	5	
TMA	419328	5414793	0.04289	380	380	0 ANNUAL	EMRSS	5	
TMA	419328	5414893	0.043	380.23	380.23	0 ANNUAL	EMRSS	5	
TMA	419328	5414993	0.04283	381.51	381.51	0 ANNUAL	EMRSS	5	
TMA	419328	5415093	0.04249	383	383	0 ANNUAL	EMRSS	5	
TMA	419328	5415193	0.0421	384	384	0 ANNUAL	EMRSS	5	
TMA	419328	5415293	0.04175	383.97	383.97	0 ANNUAL	EMRSS	5	
TMA	419328	5415393	0.04159	382.06	382.06	0 ANNUAL	EMRSS	5	
TMA	419328	5415493	0.04118	381	381	0 ANNUAL	EMRSS	5	
TMA	419328	5415593	0.0407	380	380	0 ANNUAL	EMRSS	5	
TMA	419328	5415693	0.04009	379.62	379.62	0 ANNUAL	EMRSS	5	
TMA	419328	5415793	0.03943	379.62	379.62	0 ANNUAL	EMRSS	5	
TMA	419328	5415893	0.03842	382.14	382.14	0 ANNUAL	EMRSS	5	
TMA	419328	5415993	0.03709	386.55	386.55	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	419328	5416093	0.03613	389	389	0 ANNUAL	EMRSS	5	
TMA	419328	5416193	0.03553	390	390	0 ANNUAL	EMRSS	5	
TMA	419228	5413093	0.03783	377.57	377.57	0 ANNUAL	EMRSS	5	
TMA	419228	5413193	0.03823	379	379	0 ANNUAL	EMRSS	5	
TMA	419228	5413293	0.03875	380	380	0 ANNUAL	EMRSS	5	
TMA	419228	5413393	0.03942	380	380	0 ANNUAL	EMRSS	5	
TMA	419228	5413493	0.04037	377.16	377.16	0 ANNUAL	EMRSS	5	
TMA	419228	5413593	0.04123	372.84	372.84	0 ANNUAL	EMRSS	5	
TMA	419228	5413693	0.0417	369.96	369.96	0 ANNUAL	EMRSS	5	
TMA	419228	5413793	0.04187	369	369	0 ANNUAL	EMRSS	5	
TMA	419228	5413893	0.04186	369	369	0 ANNUAL	EMRSS	5	
TMA	419228	5413993	0.04162	370.64	370.64	0 ANNUAL	EMRSS	5	
TMA	419228	5414093	0.04121	373.35	373.35	0 ANNUAL	EMRSS	5	
TMA	419228	5414193	0.04086	375.59	375.59	0 ANNUAL	EMRSS	5	
TMA	419228	5414293	0.04083	376.25	376.25	0 ANNUAL	EMRSS	5	
TMA	419228	5414393	0.04088	377	377	0 ANNUAL	EMRSS	5	
TMA	419228	5414493	0.041	377.84	377.84	0 ANNUAL	EMRSS	5	
TMA	419228	5414593	0.04113	378.96	378.96	0 ANNUAL	EMRSS	5	
TMA	419228	5414693	0.04128	380	380	0 ANNUAL	EMRSS	5	
TMA	419228	5414793	0.04141	380.97	380.97	0 ANNUAL	EMRSS	5	
TMA	419228	5414893	0.04147	382	382	0 ANNUAL	EMRSS	5	
TMA	419228	5414993	0.04148	382.73	382.73	0 ANNUAL	EMRSS	5	
TMA	419228	5415093	0.04144	383	383	0 ANNUAL	EMRSS	5	
TMA	419228	5415193	0.04135	382.88	382.88	0 ANNUAL	EMRSS	5	
TMA	419228	5415293	0.04128	381.67	381.67	0 ANNUAL	EMRSS	5	
TMA	419228	5415393	0.04101	381	381	0 ANNUAL	EMRSS	5	
TMA	419228	5415493	0.04067	380	380	0 ANNUAL	EMRSS	5	
TMA	419228	5415593	0.04011	380	380	0 ANNUAL	EMRSS	5	
TMA	419228	5415693	0.03964	379	379	0 ANNUAL	EMRSS	5	
TMA	419228	5415793	0.03886	380	380	0 ANNUAL	EMRSS	5	
TMA	419228	5415893	0.03781	382.83	382.83	0 ANNUAL	EMRSS	5	
TMA	419228	5415993	0.03637	387.77	387.77	0 ANNUAL	EMRSS	5	
TMA	419228	5416093	0.03558	389.06	389.06	0 ANNUAL	EMRSS	5	
TMA	419228	5416193	0.03493	390	390	0 ANNUAL	EMRSS	5	
TMA	419128	5413093	0.03667	377	377	0 ANNUAL	EMRSS	5	
TMA	419128	5413193	0.03713	377.7	377.7	0 ANNUAL	EMRSS	5	
TMA	419128	5413293	0.03776	377.75	377.75	0 ANNUAL	EMRSS	5	
TMA	419128	5413393	0.03858	376.54	376.54	0 ANNUAL	EMRSS	5	
TMA	419128	5413493	0.03952	373.22	373.22	0 ANNUAL	EMRSS	5	
TMA	419128	5413593	0.04024	369.9	369.9	0 ANNUAL	EMRSS	5	
TMA	419128	5413693	0.04057	369	369	0 ANNUAL	EMRSS	5	
TMA	419128	5413793	0.04077	368.28	368.28	0 ANNUAL	EMRSS	5	
TMA	419128	5413893	0.04063	370.05	370.05	0 ANNUAL	EMRSS	5	
TMA	419128	5413993	0.0401	374.28	374.28	0 ANNUAL	EMRSS	5	
TMA	419128	5414093	0.03951	377.69	377.69	0 ANNUAL	EMRSS	5	
TMA	419128	5414193	0.03921	379	379	0 ANNUAL	EMRSS	5	
TMA	419128	5414293	0.03926	378.74	378.74	0 ANNUAL	EMRSS	5	
TMA	419128	5414393	0.03949	378	378	0 ANNUAL	EMRSS	5	
TMA	419128	5414493	0.03952	379	379	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	419128	5414593	0.03964	380	380	0 ANNUAL	EMRSS	5	
TMA	419128	5414693	0.0399	380.34	380.34	0 ANNUAL	EMRSS	5	
TMA	419128	5414793	0.04011	381	381	0 ANNUAL	EMRSS	5	
TMA	419128	5414893	0.04035	381.23	381.23	0 ANNUAL	EMRSS	5	
TMA	419128	5414993	0.04058	381	381	0 ANNUAL	EMRSS	5	
TMA	419128	5415093	0.04067	381	381	0 ANNUAL	EMRSS	5	
TMA	419128	5415193	0.04064	381	381	0 ANNUAL	EMRSS	5	
TMA	419128	5415293	0.04057	380.44	380.44	0 ANNUAL	EMRSS	5	
TMA	419128	5415393	0.04036	380	380	0 ANNUAL	EMRSS	5	
TMA	419128	5415493	0.03998	380	380	0 ANNUAL	EMRSS	5	
TMA	419128	5415593	0.03951	380	380	0 ANNUAL	EMRSS	5	
TMA	419128	5415693	0.03921	378	378	0 ANNUAL	EMRSS	5	
TMA	419128	5415793	0.03856	378.43	378.43	0 ANNUAL	EMRSS	5	
TMA	419128	5415893	0.03755	381.39	381.39	0 ANNUAL	EMRSS	5	
TMA	419128	5415993	0.0366	383.76	383.76	0 ANNUAL	EMRSS	5	
TMA	419128	5416093	0.03582	384.98	384.98	0 ANNUAL	EMRSS	5	
TMA	419128	5416193	0.03545	384	384	0 ANNUAL	EMRSS	5	
TMA	419128	5416393	0.03494	381.62	391	0 ANNUAL	EMRSS	5	
TMA	419128	5416593	0.03502	376.62	376.62	0 ANNUAL	EMRSS	5	
TMA	419128	5416793	0.03493	373.32	373.32	0 ANNUAL	EMRSS	5	
TMA	419128	5416993	0.03487	370	370	0 ANNUAL	EMRSS	5	
TMA	419128	5417193	0.03455	370	370	0 ANNUAL	EMRSS	5	
TMA	419128	5417393	0.03408	372	372	0 ANNUAL	EMRSS	5	
TMA	419128	5417593	0.03368	373	373	0 ANNUAL	EMRSS	5	
TMA	419128	5417793	0.03348	371	371	0 ANNUAL	EMRSS	5	
TMA	419128	5417993	0.0335	366.05	366.05	0 ANNUAL	EMRSS	5	
TMA	419128	5418193	0.03289	370	370	0 ANNUAL	EMRSS	5	
TMA	419128	5418393	0.0326	369.68	369.68	0 ANNUAL	EMRSS	5	
TMA	419128	5418593	0.03278	362.04	362.04	0 ANNUAL	EMRSS	5	
TMA	419128	5418793	0.03233	363	363	0 ANNUAL	EMRSS	5	
TMA	419128	5418993	0.03193	363	363	0 ANNUAL	EMRSS	5	
TMA	419128	5419193	0.03153	362	362	0 ANNUAL	EMRSS	5	
TMA	419328	5416393	0.03503	389.8	389.8	0 ANNUAL	EMRSS	5	
TMA	419328	5416593	0.03629	379	379	0 ANNUAL	EMRSS	5	
TMA	419328	5416793	0.0364	375	375	0 ANNUAL	EMRSS	5	
TMA	419328	5416993	0.03633	372	372	0 ANNUAL	EMRSS	5	
TMA	419328	5417193	0.03585	373.69	373.69	0 ANNUAL	EMRSS	5	
TMA	419328	5417393	0.0353	375.97	375.97	0 ANNUAL	EMRSS	5	
TMA	419328	5417593	0.035	375	375	0 ANNUAL	EMRSS	5	
TMA	419328	5417793	0.03503	370.19	370.19	0 ANNUAL	EMRSS	5	
TMA	419328	5417993	0.03488	367.5	367.5	0 ANNUAL	EMRSS	5	
TMA	419328	5418193	0.03435	370	370	0 ANNUAL	EMRSS	5	
TMA	419328	5418393	0.0341	368.56	368.56	0 ANNUAL	EMRSS	5	
TMA	419328	5418593	0.03392	364.82	364.82	0 ANNUAL	EMRSS	5	
TMA	419328	5418793	0.03346	365	365	0 ANNUAL	EMRSS	5	
TMA	419328	5418993	0.03295	365	365	0 ANNUAL	EMRSS	5	
TMA	419328	5419193	0.03242	364	364	0 ANNUAL	EMRSS	5	
TMA	419528	5416393	0.03723	387	387	0 ANNUAL	EMRSS	5	
TMA	419528	5416593	0.03769	382.03	382.03	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	419528	5416793	0.03763	380	380	0 ANNUAL	EMRSS	5
TMA	419528	5416993	0.03784	374.51	374.51	0 ANNUAL	EMRSS	5
TMA	419528	5417193	0.03696	379.24	379.24	0 ANNUAL	EMRSS	5
TMA	419528	5417393	0.03646	380	380	0 ANNUAL	EMRSS	5
TMA	419528	5417593	0.03629	378	378	0 ANNUAL	EMRSS	5
TMA	419528	5417793	0.03634	373.78	373.78	0 ANNUAL	EMRSS	5
TMA	419528	5417993	0.03629	369.84	369.84	0 ANNUAL	EMRSS	5
TMA	419528	5418193	0.03589	370	370	0 ANNUAL	EMRSS	5
TMA	419528	5418393	0.03546	370	370	0 ANNUAL	EMRSS	5
TMA	419528	5418593	0.03512	366.98	366.98	0 ANNUAL	EMRSS	5
TMA	419528	5418793	0.03454	367	367	0 ANNUAL	EMRSS	5
TMA	419528	5418993	0.03385	368	368	0 ANNUAL	EMRSS	5
TMA	419528	5419193	0.03317	367	367	0 ANNUAL	EMRSS	5
TMA	419728	5416393	0.04023	379.91	390	0 ANNUAL	EMRSS	5
TMA	419728	5416593	0.03987	380	380	0 ANNUAL	EMRSS	5
TMA	419728	5416793	0.03948	380	380	0 ANNUAL	EMRSS	5
TMA	419728	5416993	0.03904	380	380	0 ANNUAL	EMRSS	5
TMA	419728	5417193	0.03903	376.34	376.34	0 ANNUAL	EMRSS	5
TMA	419728	5417393	0.03816	380	380	0 ANNUAL	EMRSS	5
TMA	419728	5417593	0.03789	379	379	0 ANNUAL	EMRSS	5
TMA	419728	5417793	0.03786	376	376	0 ANNUAL	EMRSS	5
TMA	419728	5417993	0.03744	376.16	376.16	0 ANNUAL	EMRSS	5
TMA	419728	5418193	0.03731	371.96	371.96	0 ANNUAL	EMRSS	5
TMA	419728	5418393	0.03685	370	370	0 ANNUAL	EMRSS	5
TMA	419728	5418593	0.03619	370	370	0 ANNUAL	EMRSS	5
TMA	419728	5418793	0.03548	369	369	0 ANNUAL	EMRSS	5
TMA	419728	5418993	0.03461	370	370	0 ANNUAL	EMRSS	5
TMA	419728	5419193	0.03377	369.35	369.35	0 ANNUAL	EMRSS	5
TMA	419928	5416393	0.04248	379	379	0 ANNUAL	EMRSS	5
TMA	419928	5416593	0.04203	379	379	0 ANNUAL	EMRSS	5
TMA	419928	5416793	0.04141	380	380	0 ANNUAL	EMRSS	5
TMA	419928	5416993	0.04093	380	380	0 ANNUAL	EMRSS	5
TMA	419928	5417193	0.04061	379.01	379.01	0 ANNUAL	EMRSS	5
TMA	419928	5417393	0.03968	382.65	382.65	0 ANNUAL	EMRSS	5
TMA	419928	5417593	0.03924	383	383	0 ANNUAL	EMRSS	5
TMA	419928	5417793	0.0391	381	381	0 ANNUAL	EMRSS	5
TMA	419928	5417993	0.03872	380	380	0 ANNUAL	EMRSS	5
TMA	419928	5418193	0.03849	375.81	375.81	0 ANNUAL	EMRSS	5
TMA	419928	5418393	0.03803	371	371	0 ANNUAL	EMRSS	5
TMA	419928	5418593	0.0371	372	372	0 ANNUAL	EMRSS	5
TMA	419928	5418793	0.03616	371.94	371.94	0 ANNUAL	EMRSS	5
TMA	419928	5418993	0.03503	374	374	0 ANNUAL	EMRSS	5
TMA	419928	5419193	0.0342	371.55	371.55	0 ANNUAL	EMRSS	5
TMA	420128	5416393	0.04469	379	391	0 ANNUAL	EMRSS	5
TMA	420128	5416593	0.04399	380.31	380.31	0 ANNUAL	EMRSS	5
TMA	420128	5416793	0.04339	380.79	380.79	0 ANNUAL	EMRSS	5
TMA	420128	5416993	0.04275	381.72	381.72	0 ANNUAL	EMRSS	5
TMA	420128	5417193	0.04191	384.07	384.07	0 ANNUAL	EMRSS	5
TMA	420128	5417393	0.04093	387.27	387.27	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	420128	5417593	0.03998	390	390	0 ANNUAL	EMRSS	5	
TMA	420128	5417793	0.03947	390	390	0 ANNUAL	EMRSS	5	
TMA	420128	5417993	0.03892	389.32	389.32	0 ANNUAL	EMRSS	5	
TMA	420128	5418193	0.03964	376.69	376.69	0 ANNUAL	EMRSS	5	
TMA	420128	5418393	0.03869	376	376	0 ANNUAL	EMRSS	5	
TMA	420128	5418593	0.0374	378.22	378.22	0 ANNUAL	EMRSS	5	
TMA	420128	5418793	0.03631	378	378	0 ANNUAL	EMRSS	5	
TMA	420128	5418993	0.03548	375	375	0 ANNUAL	EMRSS	5	
TMA	420128	5419193	0.03484	370.18	370.18	0 ANNUAL	EMRSS	5	
TMA	420328	5416393	0.04376	394.11	394.11	0 ANNUAL	EMRSS	5	
TMA	420328	5416593	0.04446	388.83	402	0 ANNUAL	EMRSS	5	
TMA	420328	5416793	0.04379	390	390	0 ANNUAL	EMRSS	5	
TMA	420328	5416993	0.04403	387	387	0 ANNUAL	EMRSS	5	
TMA	420328	5417193	0.04287	390.17	390.17	0 ANNUAL	EMRSS	5	
TMA	420328	5417393	0.04206	391.55	391.55	0 ANNUAL	EMRSS	5	
TMA	420328	5417593	0.03974	398.53	398.53	0 ANNUAL	EMRSS	5	
TMA	420328	5417793	0.04091	389.83	395	0 ANNUAL	EMRSS	5	
TMA	420328	5417993	0.04112	382.29	382.29	0 ANNUAL	EMRSS	5	
TMA	420328	5418193	0.04034	379	379	0 ANNUAL	EMRSS	5	
TMA	420328	5418393	0.039	380	380	0 ANNUAL	EMRSS	5	
TMA	420328	5418593	0.03759	381.41	389	0 ANNUAL	EMRSS	5	
TMA	420328	5418793	0.03675	378.66	378.66	0 ANNUAL	EMRSS	5	
TMA	420328	5418993	0.03614	374.03	374.03	0 ANNUAL	EMRSS	5	
TMA	420328	5419193	0.03553	370	370	0 ANNUAL	EMRSS	5	
TMA	420528	5416393	0.04406	400	400	0 ANNUAL	EMRSS	5	
TMA	420528	5416593	0.04409	398.52	398.52	0 ANNUAL	EMRSS	5	
TMA	420528	5416793	0.04506	394.09	394.09	0 ANNUAL	EMRSS	5	
TMA	420528	5416993	0.04567	390	390	0 ANNUAL	EMRSS	5	
TMA	420528	5417193	0.04275	398.39	398.39	0 ANNUAL	EMRSS	5	
TMA	420528	5417393	0.04185	399	399	0 ANNUAL	EMRSS	5	
TMA	420528	5417593	0.04225	394	394	0 ANNUAL	EMRSS	5	
TMA	420528	5417793	0.04222	388.71	388.71	0 ANNUAL	EMRSS	5	
TMA	420528	5417993	0.04171	384.08	384.08	0 ANNUAL	EMRSS	5	
TMA	420528	5418193	0.04054	382.79	382.79	0 ANNUAL	EMRSS	5	
TMA	420528	5418393	0.03873	386	386	0 ANNUAL	EMRSS	5	
TMA	420528	5418593	0.03699	389	389	0 ANNUAL	EMRSS	5	
TMA	420528	5418793	0.03689	382.54	382.54	0 ANNUAL	EMRSS	5	
TMA	420528	5418993	0.03649	377.9	377.9	0 ANNUAL	EMRSS	5	
TMA	420528	5419193	0.03643	370	370	0 ANNUAL	EMRSS	5	
TMA	420728	5416393	0.04649	399.94	399.94	0 ANNUAL	EMRSS	5	
TMA	420728	5416593	0.04247	408.61	408.61	0 ANNUAL	EMRSS	5	
TMA	420728	5416793	0.04397	403.72	407	0 ANNUAL	EMRSS	5	
TMA	420728	5416993	0.04481	400	400	0 ANNUAL	EMRSS	5	
TMA	420728	5417193	0.04391	400	400	0 ANNUAL	EMRSS	5	
TMA	420728	5417393	0.04278	400	400	0 ANNUAL	EMRSS	5	
TMA	420728	5417593	0.0428	395.45	395.45	0 ANNUAL	EMRSS	5	
TMA	420728	5417793	0.04255	390.59	390.59	0 ANNUAL	EMRSS	5	
TMA	420728	5417993	0.04201	386.08	386.08	0 ANNUAL	EMRSS	5	
TMA	420728	5418193	0.04045	386.97	386.97	0 ANNUAL	EMRSS	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	420728	5418393	0.03881	389	389	0 ANNUAL	EMRSS	5	
TMA	420728	5418593	0.03762	389.52	389.52	0 ANNUAL	EMRSS	5	
TMA	420728	5418793	0.03703	387.61	387.61	0 ANNUAL	EMRSS	5	
TMA	420728	5418993	0.03734	379.78	379.78	0 ANNUAL	EMRSS	5	
TMA	420728	5419193	0.0376	370	370	0 ANNUAL	EMRSS	5	
TMA	420928	5416393	0.05181	393.03	393.03	0 ANNUAL	EMRSS	5	
TMA	420928	5416593	0.04596	405.33	411	0 ANNUAL	EMRSS	5	
TMA	420928	5416793	0.0429	410.89	410.89	0 ANNUAL	EMRSS	5	
TMA	420928	5416993	0.04642	400	400	0 ANNUAL	EMRSS	5	
TMA	420928	5417193	0.04574	398	398	0 ANNUAL	EMRSS	5	
TMA	420928	5417393	0.04391	399	399	0 ANNUAL	EMRSS	5	
TMA	420928	5417593	0.04178	400.9	400.9	0 ANNUAL	EMRSS	5	
TMA	420928	5417793	0.04079	399.46	399.46	0 ANNUAL	EMRSS	5	
TMA	420928	5417993	0.04208	389.18	389.18	0 ANNUAL	EMRSS	5	
TMA	420928	5418193	0.04103	388.2	388.2	0 ANNUAL	EMRSS	5	
TMA	420928	5418393	0.03999	388	388	0 ANNUAL	EMRSS	5	
TMA	420928	5418593	0.03907	388	388	0 ANNUAL	EMRSS	5	
TMA	420928	5418793	0.03919	382.29	382.29	0 ANNUAL	EMRSS	5	
TMA	420928	5418993	0.03909	377	377	0 ANNUAL	EMRSS	5	
TMA	420928	5419193	0.03844	375.98	375.98	0 ANNUAL	EMRSS	5	
TMA	421128	5416393	0.05176	399.78	399.78	0 ANNUAL	EMRSS	5	
TMA	421128	5416593	0.05093	399	399	0 ANNUAL	EMRSS	5	
TMA	421128	5416793	0.0491	400	400	0 ANNUAL	EMRSS	5	
TMA	421128	5416993	0.04861	396.98	396.98	0 ANNUAL	EMRSS	5	
TMA	421128	5417193	0.04755	394.98	394.98	0 ANNUAL	EMRSS	5	
TMA	421128	5417393	0.0452	397	397	0 ANNUAL	EMRSS	5	
TMA	421128	5417593	0.04291	399.35	399.35	0 ANNUAL	EMRSS	5	
TMA	421128	5417793	0.04263	395.88	395.88	0 ANNUAL	EMRSS	5	
TMA	421128	5417993	0.0428	390.72	390.72	0 ANNUAL	EMRSS	5	
TMA	421128	5418193	0.04239	387.91	387.91	0 ANNUAL	EMRSS	5	
TMA	421128	5418393	0.0422	384	384	0 ANNUAL	EMRSS	5	
TMA	421128	5418593	0.0412	385	385	0 ANNUAL	EMRSS	5	
TMA	421128	5418793	0.0407	383.17	383.17	0 ANNUAL	EMRSS	5	
TMA	421128	5418993	0.04034	379.7	379.7	0 ANNUAL	EMRSS	5	
TMA	421128	5419193	0.0395	380	380	0 ANNUAL	EMRSS	5	
TMA	421328	5416393	0.05369	400	400	0 ANNUAL	EMRSS	5	
TMA	421328	5416593	0.05197	400	400	0 ANNUAL	EMRSS	5	
TMA	421328	5416793	0.05135	397	397	0 ANNUAL	EMRSS	5	
TMA	421328	5416993	0.05053	394	394	0 ANNUAL	EMRSS	5	
TMA	421328	5417193	0.04963	391.11	391.11	0 ANNUAL	EMRSS	5	
TMA	421328	5417393	0.04771	392	392	0 ANNUAL	EMRSS	5	
TMA	421328	5417593	0.04651	391.25	391.25	0 ANNUAL	EMRSS	5	
TMA	421328	5417793	0.04578	389.44	389.44	0 ANNUAL	EMRSS	5	
TMA	421328	5417993	0.04556	385.84	385.84	0 ANNUAL	EMRSS	5	
TMA	421328	5418193	0.04529	381.99	381.99	0 ANNUAL	EMRSS	5	
TMA	421328	5418393	0.04478	379	379	0 ANNUAL	EMRSS	5	
TMA	421328	5418593	0.0438	379.18	379.18	0 ANNUAL	EMRSS	5	
TMA	421328	5418793	0.04262	381	381	0 ANNUAL	EMRSS	5	
TMA	421328	5418993	0.04176	380	380	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source	Gr Num	Year	Net ID
TMA	421328	5419193	0.04075	380	380	0 ANNUAL	EMRSS	5	
TMA	421528	5416393	0.05508	400	400	0 ANNUAL	EMRSS	5	
TMA	421528	5416593	0.05301	400	400	0 ANNUAL	EMRSS	5	
TMA	421528	5416793	0.05221	397.27	397.27	0 ANNUAL	EMRSS	5	
TMA	421528	5416993	0.05164	394	394	0 ANNUAL	EMRSS	5	
TMA	421528	5417193	0.05134	390	390	0 ANNUAL	EMRSS	5	
TMA	421528	5417393	0.05049	388	388	0 ANNUAL	EMRSS	5	
TMA	421528	5417593	0.04971	386.15	386.15	0 ANNUAL	EMRSS	5	
TMA	421528	5417793	0.04884	385	385	0 ANNUAL	EMRSS	5	
TMA	421528	5417993	0.0482	382.74	382.74	0 ANNUAL	EMRSS	5	
TMA	421528	5418193	0.04758	379.83	379.83	0 ANNUAL	EMRSS	5	
TMA	421528	5418393	0.04692	376.17	376.17	0 ANNUAL	EMRSS	5	
TMA	421528	5418593	0.04574	376	376	0 ANNUAL	EMRSS	5	
TMA	421528	5418793	0.04431	378.02	378.02	0 ANNUAL	EMRSS	5	
TMA	421528	5418993	0.04307	378	378	0 ANNUAL	EMRSS	5	
TMA	421528	5419193	0.0416	380	380	0 ANNUAL	EMRSS	5	
TMA	421728	5416393	0.05888	394.58	394.58	0 ANNUAL	EMRSS	5	
TMA	421728	5416593	0.05514	398	398	0 ANNUAL	EMRSS	5	
TMA	421728	5416793	0.05292	398.9	398.9	0 ANNUAL	EMRSS	5	
TMA	421728	5416993	0.05095	400	400	0 ANNUAL	EMRSS	5	
TMA	421728	5417193	0.0516	395.23	395.23	0 ANNUAL	EMRSS	5	
TMA	421728	5417393	0.05243	388.37	410	0 ANNUAL	EMRSS	5	
TMA	421728	5417593	0.05204	386	386	0 ANNUAL	EMRSS	5	
TMA	421728	5417793	0.05145	382.99	382.99	0 ANNUAL	EMRSS	5	
TMA	421728	5417993	0.05066	380	380	0 ANNUAL	EMRSS	5	
TMA	421728	5418193	0.04971	377	377	0 ANNUAL	EMRSS	5	
TMA	421728	5418393	0.04789	379.94	379.94	0 ANNUAL	EMRSS	5	
TMA	421728	5418593	0.0468	377.01	377.01	0 ANNUAL	EMRSS	5	
TMA	421728	5418793	0.0457	373	373	0 ANNUAL	EMRSS	5	
TMA	421728	5418993	0.04393	376.17	376.17	0 ANNUAL	EMRSS	5	
TMA	421728	5419193	0.04234	377.53	377.53	0 ANNUAL	EMRSS	5	
TMA	421928	5416393	0.06154	392.6	392.6	0 ANNUAL	EMRSS	5	
TMA	421928	5416593	0.05851	395	395	0 ANNUAL	EMRSS	5	
TMA	421928	5416793	0.05602	397	397	0 ANNUAL	EMRSS	5	
TMA	421928	5416993	0.0538	399	399	0 ANNUAL	EMRSS	5	
TMA	421928	5417193	0.04793	409.1	409.1	0 ANNUAL	EMRSS	5	
TMA	421928	5417393	0.04654	410	410	0 ANNUAL	EMRSS	5	
TMA	421928	5417593	0.05197	393	411	0 ANNUAL	EMRSS	5	
TMA	421928	5417793	0.05316	384	384	0 ANNUAL	EMRSS	5	
TMA	421928	5417993	0.05211	380.75	380.75	0 ANNUAL	EMRSS	5	
TMA	421928	5418193	0.05073	378.7	378.7	0 ANNUAL	EMRSS	5	
TMA	421928	5418393	0.04867	381	381	0 ANNUAL	EMRSS	5	
TMA	421928	5418593	0.04682	382	382	0 ANNUAL	EMRSS	5	
TMA	421928	5418793	0.04621	373.64	373.64	0 ANNUAL	EMRSS	5	
TMA	421928	5418993	0.04482	371.04	371.04	0 ANNUAL	EMRSS	5	
TMA	421928	5419193	0.04327	370.75	370.75	0 ANNUAL	EMRSS	5	
TMA	422128	5416393	0.06354	394	394	0 ANNUAL	EMRSS	5	
TMA	422128	5416593	0.06131	395.06	395.06	0 ANNUAL	EMRSS	5	
TMA	422128	5416793	0.05931	396	396	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	422128	5416993	0.05644	399	399	0 ANNUAL	EMRSS	5
TMA	422128	5417193	0.05069	407.86	407.86	0 ANNUAL	EMRSS	5
TMA	422128	5417393	0.05022	406.01	406.01	0 ANNUAL	EMRSS	5
TMA	422128	5417593	0.0524	397.06	399	0 ANNUAL	EMRSS	5
TMA	422128	5417793	0.05465	383	383	0 ANNUAL	EMRSS	5
TMA	422128	5417993	0.05302	381.1	381.1	0 ANNUAL	EMRSS	5
TMA	422128	5418193	0.05123	380	380	0 ANNUAL	EMRSS	5
TMA	422128	5418393	0.0493	380	380	0 ANNUAL	EMRSS	5
TMA	422128	5418593	0.04745	380	380	0 ANNUAL	EMRSS	5
TMA	422128	5418793	0.04598	378	378	0 ANNUAL	EMRSS	5
TMA	422128	5418993	0.04467	375	375	0 ANNUAL	EMRSS	5
TMA	422128	5419193	0.04338	372	372	0 ANNUAL	EMRSS	5
TMA	422328	5416393	0.06467	397.94	397.94	0 ANNUAL	EMRSS	5
TMA	422328	5416593	0.06174	400	400	0 ANNUAL	EMRSS	5
TMA	422328	5416793	0.06097	398	398	0 ANNUAL	EMRSS	5
TMA	422328	5416993	0.05812	399.85	399.85	0 ANNUAL	EMRSS	5
TMA	422328	5417193	0.05607	400	400	0 ANNUAL	EMRSS	5
TMA	422328	5417393	0.05155	404.9	410	0 ANNUAL	EMRSS	5
TMA	422328	5417593	0.0552	390.69	410	0 ANNUAL	EMRSS	5
TMA	422328	5417793	0.05519	383.61	383.61	0 ANNUAL	EMRSS	5
TMA	422328	5417993	0.05353	381	381	0 ANNUAL	EMRSS	5
TMA	422328	5418193	0.05159	380	380	0 ANNUAL	EMRSS	5
TMA	422328	5418393	0.04957	380	380	0 ANNUAL	EMRSS	5
TMA	422328	5418593	0.04766	380	380	0 ANNUAL	EMRSS	5
TMA	422328	5418793	0.04596	379.44	379.44	0 ANNUAL	EMRSS	5
TMA	422328	5418993	0.04477	375.81	375.81	0 ANNUAL	EMRSS	5
TMA	422328	5419193	0.04368	371.17	371.17	0 ANNUAL	EMRSS	5
TMA	422528	5416393	0.06748	398.06	398.06	0 ANNUAL	EMRSS	5
TMA	422528	5416593	0.06202	403.25	403.25	0 ANNUAL	EMRSS	5
TMA	422528	5416793	0.061	401.07	401.07	0 ANNUAL	EMRSS	5
TMA	422528	5416993	0.05758	403	403	0 ANNUAL	EMRSS	5
TMA	422528	5417193	0.05736	398.82	398.82	0 ANNUAL	EMRSS	5
TMA	422528	5417393	0.05736	393.16	393.16	0 ANNUAL	EMRSS	5
TMA	422528	5417593	0.05671	388	388	0 ANNUAL	EMRSS	5
TMA	422528	5417793	0.05374	390	390	0 ANNUAL	EMRSS	5
TMA	422528	5417993	0.05402	380	380	0 ANNUAL	EMRSS	5
TMA	422528	5418193	0.05184	380	380	0 ANNUAL	EMRSS	5
TMA	422528	5418393	0.04979	380	380	0 ANNUAL	EMRSS	5
TMA	422528	5418593	0.04788	380	380	0 ANNUAL	EMRSS	5
TMA	422528	5418793	0.04665	376.32	376.32	0 ANNUAL	EMRSS	5
TMA	422528	5418993	0.04524	373.94	373.94	0 ANNUAL	EMRSS	5
TMA	422528	5419193	0.04403	370.17	370.17	0 ANNUAL	EMRSS	5
TMA	422728	5416393	0.06864	398.18	411	0 ANNUAL	EMRSS	5
TMA	422728	5416593	0.0596	408.5	408.5	0 ANNUAL	EMRSS	5
TMA	422728	5416793	0.06029	403.45	403.45	0 ANNUAL	EMRSS	5
TMA	422728	5416993	0.05441	409	409	0 ANNUAL	EMRSS	5
TMA	422728	5417193	0.05159	410	410	0 ANNUAL	EMRSS	5
TMA	422728	5417393	0.05381	401.29	407	0 ANNUAL	EMRSS	5
TMA	422728	5417593	0.05664	389.01	389.01	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	422728	5417793	0.05596	383	383	0 ANNUAL	EMRSS	5	
TMA	422728	5417993	0.05452	379	379	0 ANNUAL	EMRSS	5	
TMA	422728	5418193	0.05212	380	380	0 ANNUAL	EMRSS	5	
TMA	422728	5418393	0.05008	380	380	0 ANNUAL	EMRSS	5	
TMA	422728	5418593	0.04844	378.4	378.4	0 ANNUAL	EMRSS	5	
TMA	422728	5418793	0.04699	376	376	0 ANNUAL	EMRSS	5	
TMA	422728	5418993	0.04577	372	372	0 ANNUAL	EMRSS	5	
TMA	422728	5419193	0.04425	371	371	0 ANNUAL	EMRSS	5	
TMA	422928	5416393	0.07142	396	396	0 ANNUAL	EMRSS	5	
TMA	422928	5416593	0.06687	397.97	397.97	0 ANNUAL	EMRSS	5	
TMA	422928	5416793	0.06287	399.57	399.57	0 ANNUAL	EMRSS	5	
TMA	422928	5416993	0.0533	411	411	0 ANNUAL	EMRSS	5	
TMA	422928	5417193	0.05159	410.25	410.25	0 ANNUAL	EMRSS	5	
TMA	422928	5417393	0.05436	401.05	401.05	0 ANNUAL	EMRSS	5	
TMA	422928	5417593	0.05713	388.47	388.47	0 ANNUAL	EMRSS	5	
TMA	422928	5417793	0.05605	384	384	0 ANNUAL	EMRSS	5	
TMA	422928	5417993	0.05496	378.62	378.62	0 ANNUAL	EMRSS	5	
TMA	422928	5418193	0.05288	378	378	0 ANNUAL	EMRSS	5	
TMA	422928	5418393	0.05045	380	380	0 ANNUAL	EMRSS	5	
TMA	422928	5418593	0.04871	379	379	0 ANNUAL	EMRSS	5	
TMA	422928	5418793	0.04701	378.45	378.45	0 ANNUAL	EMRSS	5	
TMA	422928	5418993	0.0455	377.26	377.26	0 ANNUAL	EMRSS	5	
TMA	422928	5419193	0.04406	376.08	376.08	0 ANNUAL	EMRSS	5	
TMA	423128	5416393	0.06918	400	400	0 ANNUAL	EMRSS	5	
TMA	423128	5416593	0.06597	399.94	399.94	0 ANNUAL	EMRSS	5	
TMA	423128	5416793	0.06279	400.25	400.25	0 ANNUAL	EMRSS	5	
TMA	423128	5416993	0.05429	409.88	409.88	0 ANNUAL	EMRSS	5	
TMA	423128	5417193	0.05491	405.04	405.04	0 ANNUAL	EMRSS	5	
TMA	423128	5417393	0.05757	394.92	394.92	0 ANNUAL	EMRSS	5	
TMA	423128	5417593	0.05736	389.14	389.14	0 ANNUAL	EMRSS	5	
TMA	423128	5417793	0.0575	380.07	380.07	0 ANNUAL	EMRSS	5	
TMA	423128	5417993	0.05556	378.23	378.23	0 ANNUAL	EMRSS	5	
TMA	423128	5418193	0.05395	375	375	0 ANNUAL	EMRSS	5	
TMA	423128	5418393	0.05138	377.79	377.79	0 ANNUAL	EMRSS	5	
TMA	423128	5418593	0.0492	379.27	379.27	0 ANNUAL	EMRSS	5	
TMA	423128	5418793	0.0473	380	380	0 ANNUAL	EMRSS	5	
TMA	423128	5418993	0.04563	380	380	0 ANNUAL	EMRSS	5	
TMA	423128	5419193	0.04407	380	380	0 ANNUAL	EMRSS	5	
TMA	423328	5416393	0.07034	399	399	0 ANNUAL	EMRSS	5	
TMA	423328	5416593	0.06707	399	399	0 ANNUAL	EMRSS	5	
TMA	423328	5416793	0.06352	399.91	399.91	0 ANNUAL	EMRSS	5	
TMA	423328	5416993	0.06057	400.28	400.28	0 ANNUAL	EMRSS	5	
TMA	423328	5417193	0.06252	390.84	390.84	0 ANNUAL	EMRSS	5	
TMA	423328	5417393	0.0613	387	387	0 ANNUAL	EMRSS	5	
TMA	423328	5417593	0.05977	383.65	383.65	0 ANNUAL	EMRSS	5	
TMA	423328	5417793	0.058	381	381	0 ANNUAL	EMRSS	5	
TMA	423328	5417993	0.05591	380	380	0 ANNUAL	EMRSS	5	
TMA	423328	5418193	0.05467	375.14	375.14	0 ANNUAL	EMRSS	5	
TMA	423328	5418393	0.05291	373	373	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	423328	5418593	0.05065	375	375	0 ANNUAL	EMRSS	5
TMA	423328	5418793	0.04852	377	377	0 ANNUAL	EMRSS	5
TMA	423328	5418993	0.04667	378	378	0 ANNUAL	EMRSS	5
TMA	423328	5419193	0.04527	376.58	376.58	0 ANNUAL	EMRSS	5
TMA	423528	5416393	0.07443	394.06	394.06	0 ANNUAL	EMRSS	5
TMA	423528	5416593	0.06836	398.27	398.27	0 ANNUAL	EMRSS	5
TMA	423528	5416793	0.06879	392.03	392.03	0 ANNUAL	EMRSS	5
TMA	423528	5416993	0.06702	389.28	389.28	0 ANNUAL	EMRSS	5
TMA	423528	5417193	0.06502	387	387	0 ANNUAL	EMRSS	5
TMA	423528	5417393	0.06262	386	386	0 ANNUAL	EMRSS	5
TMA	423528	5417593	0.06062	384.09	384.09	0 ANNUAL	EMRSS	5
TMA	423528	5417793	0.05873	382	382	0 ANNUAL	EMRSS	5
TMA	423528	5417993	0.05687	380	380	0 ANNUAL	EMRSS	5
TMA	423528	5418193	0.05535	376.63	376.63	0 ANNUAL	EMRSS	5
TMA	423528	5418393	0.05397	371.99	371.99	0 ANNUAL	EMRSS	5
TMA	423528	5418593	0.05207	371.05	371.05	0 ANNUAL	EMRSS	5
TMA	423528	5418793	0.04986	373.46	373.46	0 ANNUAL	EMRSS	5
TMA	423528	5418993	0.0479	375	375	0 ANNUAL	EMRSS	5
TMA	423528	5419193	0.04643	373.28	373.28	0 ANNUAL	EMRSS	5
TMA	423728	5416393	0.08031	386.22	386.22	0 ANNUAL	EMRSS	5
TMA	423728	5416593	0.07553	388.07	388.07	0 ANNUAL	EMRSS	5
TMA	423728	5416793	0.07284	386.34	386.34	0 ANNUAL	EMRSS	5
TMA	423728	5416993	0.07011	385	385	0 ANNUAL	EMRSS	5
TMA	423728	5417193	0.06739	384	384	0 ANNUAL	EMRSS	5
TMA	423728	5417393	0.06511	382.05	382.05	0 ANNUAL	EMRSS	5
TMA	423728	5417593	0.06267	381	381	0 ANNUAL	EMRSS	5
TMA	423728	5417793	0.06029	380.25	380.25	0 ANNUAL	EMRSS	5
TMA	423728	5417993	0.05814	379.06	379.06	0 ANNUAL	EMRSS	5
TMA	423728	5418193	0.05645	376	376	0 ANNUAL	EMRSS	5
TMA	423728	5418393	0.05487	372	372	0 ANNUAL	EMRSS	5
TMA	423728	5418593	0.05305	370	370	0 ANNUAL	EMRSS	5
TMA	423728	5418793	0.0509	371.39	371.39	0 ANNUAL	EMRSS	5
TMA	423728	5418993	0.04897	372	372	0 ANNUAL	EMRSS	5
TMA	423728	5419193	0.04734	371	371	0 ANNUAL	EMRSS	5
TMA	423928	5416393	0.08154	387.1	387.1	0 ANNUAL	EMRSS	5
TMA	423928	5416593	0.08114	379	379	0 ANNUAL	EMRSS	5
TMA	423928	5416793	0.07643	381.26	381.26	0 ANNUAL	EMRSS	5
TMA	423928	5416993	0.07331	380	380	0 ANNUAL	EMRSS	5
TMA	423928	5417193	0.06988	380.38	380.38	0 ANNUAL	EMRSS	5
TMA	423928	5417393	0.06691	380	380	0 ANNUAL	EMRSS	5
TMA	423928	5417593	0.06538	374.29	374.29	0 ANNUAL	EMRSS	5
TMA	423928	5417793	0.06317	371.1	371.1	0 ANNUAL	EMRSS	5
TMA	423928	5417993	0.06054	371	371	0 ANNUAL	EMRSS	5
TMA	423928	5418193	0.05808	371	371	0 ANNUAL	EMRSS	5
TMA	423928	5418393	0.0559	370	370	0 ANNUAL	EMRSS	5
TMA	423928	5418593	0.05385	369	369	0 ANNUAL	EMRSS	5
TMA	423928	5418793	0.05179	369.05	369.05	0 ANNUAL	EMRSS	5
TMA	423928	5418993	0.04974	370	370	0 ANNUAL	EMRSS	5
TMA	423928	5419193	0.04813	368.13	368.13	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	424128	5416393	0.08574	382	382	0 ANNUAL	EMRSS	5
TMA	424128	5416593	0.0829	378.35	378.35	0 ANNUAL	EMRSS	5
TMA	424128	5416793	0.0796	376	376	0 ANNUAL	EMRSS	5
TMA	424128	5416993	0.07595	375.34	375.34	0 ANNUAL	EMRSS	5
TMA	424128	5417193	0.07306	372.52	372.52	0 ANNUAL	EMRSS	5
TMA	424128	5417393	0.06981	372	372	0 ANNUAL	EMRSS	5
TMA	424128	5417593	0.06629	374	374	0 ANNUAL	EMRSS	5
TMA	424128	5417793	0.063	375.97	375.97	0 ANNUAL	EMRSS	5
TMA	424128	5417993	0.06013	377	377	0 ANNUAL	EMRSS	5
TMA	424128	5418193	0.05808	374.7	374.7	0 ANNUAL	EMRSS	5
TMA	424128	5418393	0.05645	370	370	0 ANNUAL	EMRSS	5
TMA	424128	5418593	0.05421	370	370	0 ANNUAL	EMRSS	5
TMA	424128	5418793	0.0521	370	370	0 ANNUAL	EMRSS	5
TMA	424128	5418993	0.05002	370.91	370.91	0 ANNUAL	EMRSS	5
TMA	424128	5419193	0.04815	371.07	371.07	0 ANNUAL	EMRSS	5
TMA	424328	5416393	0.08798	379.87	379.87	0 ANNUAL	EMRSS	5
TMA	424328	5416593	0.08448	377.23	377.23	0 ANNUAL	EMRSS	5
TMA	424328	5416793	0.08106	374.6	374.6	0 ANNUAL	EMRSS	5
TMA	424328	5416993	0.0775	373	373	0 ANNUAL	EMRSS	5
TMA	424328	5417193	0.07305	375.86	375.86	0 ANNUAL	EMRSS	5
TMA	424328	5417393	0.06908	378	378	0 ANNUAL	EMRSS	5
TMA	424328	5417593	0.06545	379.95	379.95	0 ANNUAL	EMRSS	5
TMA	424328	5417793	0.06259	380	380	0 ANNUAL	EMRSS	5
TMA	424328	5417993	0.05993	380	380	0 ANNUAL	EMRSS	5
TMA	424328	5418193	0.05764	379.16	379.16	0 ANNUAL	EMRSS	5
TMA	424328	5418393	0.05618	374.52	374.52	0 ANNUAL	EMRSS	5
TMA	424328	5418593	0.05456	370.41	370.41	0 ANNUAL	EMRSS	5
TMA	424328	5418793	0.05207	373	373	0 ANNUAL	EMRSS	5
TMA	424328	5418993	0.04982	375	375	0 ANNUAL	EMRSS	5
TMA	424328	5419193	0.048	374.79	374.79	0 ANNUAL	EMRSS	5
TMA	424528	5416393	0.0896	378.75	378.75	0 ANNUAL	EMRSS	5
TMA	424528	5416593	0.0863	375	375	0 ANNUAL	EMRSS	5
TMA	424528	5416793	0.08218	374	374	0 ANNUAL	EMRSS	5
TMA	424528	5416993	0.07754	375.88	375.88	0 ANNUAL	EMRSS	5
TMA	424528	5417193	0.0732	378	378	0 ANNUAL	EMRSS	5
TMA	424528	5417393	0.0695	379	379	0 ANNUAL	EMRSS	5
TMA	424528	5417593	0.06609	380	380	0 ANNUAL	EMRSS	5
TMA	424528	5417793	0.0632	380	380	0 ANNUAL	EMRSS	5
TMA	424528	5417993	0.06075	379	379	0 ANNUAL	EMRSS	5
TMA	424528	5418193	0.05848	377.8	377.8	0 ANNUAL	EMRSS	5
TMA	424528	5418393	0.05672	374.41	374.41	0 ANNUAL	EMRSS	5
TMA	424528	5418593	0.05493	371.23	371.23	0 ANNUAL	EMRSS	5
TMA	424528	5418793	0.0521	376	376	0 ANNUAL	EMRSS	5
TMA	424528	5418993	0.04965	379	379	0 ANNUAL	EMRSS	5
TMA	424528	5419193	0.04783	378.99	378.99	0 ANNUAL	EMRSS	5
TMA	424728	5416393	0.09265	374.18	374.18	0 ANNUAL	EMRSS	5
TMA	424728	5416593	0.08744	375	375	0 ANNUAL	EMRSS	5
TMA	424728	5416793	0.08263	376	376	0 ANNUAL	EMRSS	5
TMA	424728	5416993	0.07821	377	377	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	424728	5417193	0.07444	377	377	0 ANNUAL	EMRSS	5
TMA	424728	5417393	0.07086	377.4	377.4	0 ANNUAL	EMRSS	5
TMA	424728	5417593	0.06749	378	378	0 ANNUAL	EMRSS	5
TMA	424728	5417793	0.06428	379	379	0 ANNUAL	EMRSS	5
TMA	424728	5417993	0.0613	380	380	0 ANNUAL	EMRSS	5
TMA	424728	5418193	0.05916	378.1	378.1	0 ANNUAL	EMRSS	5
TMA	424728	5418393	0.0576	373	373	0 ANNUAL	EMRSS	5
TMA	424728	5418593	0.05525	373.35	373.35	0 ANNUAL	EMRSS	5
TMA	424728	5418793	0.05236	378.35	378.35	0 ANNUAL	EMRSS	5
TMA	424728	5418993	0.05012	380	380	0 ANNUAL	EMRSS	5
TMA	424728	5419193	0.04828	380	380	0 ANNUAL	EMRSS	5
TMA	424928	5416393	0.09262	377.58	377.58	0 ANNUAL	EMRSS	5
TMA	424928	5416593	0.08756	378	378	0 ANNUAL	EMRSS	5
TMA	424928	5416793	0.08341	377	377	0 ANNUAL	EMRSS	5
TMA	424928	5416993	0.07955	376	376	0 ANNUAL	EMRSS	5
TMA	424928	5417193	0.07569	376	376	0 ANNUAL	EMRSS	5
TMA	424928	5417393	0.0723	375.31	375.31	0 ANNUAL	EMRSS	5
TMA	424928	5417593	0.06884	376	376	0 ANNUAL	EMRSS	5
TMA	424928	5417793	0.06558	377	377	0 ANNUAL	EMRSS	5
TMA	424928	5417993	0.06255	378	378	0 ANNUAL	EMRSS	5
TMA	424928	5418193	0.06047	375.01	375.01	0 ANNUAL	EMRSS	5
TMA	424928	5418393	0.05842	372	372	0 ANNUAL	EMRSS	5
TMA	424928	5418593	0.0554	376.8	376.8	0 ANNUAL	EMRSS	5
TMA	424928	5418793	0.05274	380	380	0 ANNUAL	EMRSS	5
TMA	424928	5418993	0.05075	380	380	0 ANNUAL	EMRSS	5
TMA	424928	5419193	0.04903	379	379	0 ANNUAL	EMRSS	5
TMA	425128	5416393	0.09283	379	379	0 ANNUAL	EMRSS	5
TMA	425128	5416593	0.08832	378	378	0 ANNUAL	EMRSS	5
TMA	425128	5416793	0.08445	376	376	0 ANNUAL	EMRSS	5
TMA	425128	5416993	0.0805	375	375	0 ANNUAL	EMRSS	5
TMA	425128	5417193	0.07663	374.87	374.87	0 ANNUAL	EMRSS	5
TMA	425128	5417393	0.0732	374	374	0 ANNUAL	EMRSS	5
TMA	425128	5417593	0.06984	374	374	0 ANNUAL	EMRSS	5
TMA	425128	5417793	0.06663	374.56	374.56	0 ANNUAL	EMRSS	5
TMA	425128	5417993	0.06369	374.82	374.82	0 ANNUAL	EMRSS	5
TMA	425128	5418193	0.06128	373	373	0 ANNUAL	EMRSS	5
TMA	425128	5418393	0.05864	373.86	373.86	0 ANNUAL	EMRSS	5
TMA	425128	5418593	0.05573	377.58	377.58	0 ANNUAL	EMRSS	5
TMA	425128	5418793	0.05317	380	380	0 ANNUAL	EMRSS	5
TMA	425128	5418993	0.05117	380	380	0 ANNUAL	EMRSS	5
TMA	425128	5419193	0.04928	380	380	0 ANNUAL	EMRSS	5
TMA	425328	5416393	0.09318	378	378	0 ANNUAL	EMRSS	5
TMA	425328	5416593	0.08901	376	376	0 ANNUAL	EMRSS	5
TMA	425328	5416793	0.08476	375	375	0 ANNUAL	EMRSS	5
TMA	425328	5416993	0.08056	375	375	0 ANNUAL	EMRSS	5
TMA	425328	5417193	0.07668	375	375	0 ANNUAL	EMRSS	5
TMA	425328	5417393	0.07309	375	375	0 ANNUAL	EMRSS	5
TMA	425328	5417593	0.06976	375	375	0 ANNUAL	EMRSS	5
TMA	425328	5417793	0.06686	374	374	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source	Gr Num	Year	Net ID
TMA	425328	5417993	0.06413	373	373	0 ANNUAL	EMRSS	5	
TMA	425328	5418193	0.06143	373	373	0 ANNUAL	EMRSS	5	
TMA	425328	5418393	0.05876	374	374	0 ANNUAL	EMRSS	5	
TMA	425328	5418593	0.05611	376	376	0 ANNUAL	EMRSS	5	
TMA	425328	5418793	0.05361	378.11	378.11	0 ANNUAL	EMRSS	5	
TMA	425328	5418993	0.05128	380	380	0 ANNUAL	EMRSS	5	
TMA	425328	5419193	0.04939	380	380	0 ANNUAL	EMRSS	5	
TMA	425528	5416393	0.09276	376	376	0 ANNUAL	EMRSS	5	
TMA	425528	5416593	0.08802	376	376	0 ANNUAL	EMRSS	5	
TMA	425528	5416793	0.08335	377	377	0 ANNUAL	EMRSS	5	
TMA	425528	5416993	0.07925	377.25	377.25	0 ANNUAL	EMRSS	5	
TMA	425528	5417193	0.07519	378.47	378.47	0 ANNUAL	EMRSS	5	
TMA	425528	5417393	0.07161	379	379	0 ANNUAL	EMRSS	5	
TMA	425528	5417593	0.06886	377.29	377.29	0 ANNUAL	EMRSS	5	
TMA	425528	5417793	0.06614	376	376	0 ANNUAL	EMRSS	5	
TMA	425528	5417993	0.06351	375	375	0 ANNUAL	EMRSS	5	
TMA	425528	5418193	0.06104	374	374	0 ANNUAL	EMRSS	5	
TMA	425528	5418393	0.05871	373	373	0 ANNUAL	EMRSS	5	
TMA	425528	5418593	0.05637	373.05	373.05	0 ANNUAL	EMRSS	5	
TMA	425528	5418793	0.05391	375.11	375.11	0 ANNUAL	EMRSS	5	
TMA	425528	5418993	0.05161	377.03	377.03	0 ANNUAL	EMRSS	5	
TMA	425528	5419193	0.04942	379	379	0 ANNUAL	EMRSS	5	
TMA	425728	5416393	0.08994	377	377	0 ANNUAL	EMRSS	5	
TMA	425728	5416593	0.08526	378	378	0 ANNUAL	EMRSS	5	
TMA	425728	5416793	0.08106	378.61	378.61	0 ANNUAL	EMRSS	5	
TMA	425728	5416993	0.07723	379	379	0 ANNUAL	EMRSS	5	
TMA	425728	5417193	0.07349	380	380	0 ANNUAL	EMRSS	5	
TMA	425728	5417393	0.07028	380	380	0 ANNUAL	EMRSS	5	
TMA	425728	5417593	0.06736	379.69	379.69	0 ANNUAL	EMRSS	5	
TMA	425728	5417793	0.0646	379.45	379.45	0 ANNUAL	EMRSS	5	
TMA	425728	5417993	0.06234	377.55	377.55	0 ANNUAL	EMRSS	5	
TMA	425728	5418193	0.06021	375.34	375.34	0 ANNUAL	EMRSS	5	
TMA	425728	5418393	0.05816	373	373	0 ANNUAL	EMRSS	5	
TMA	425728	5418593	0.05603	372	372	0 ANNUAL	EMRSS	5	
TMA	425728	5418793	0.05389	372.08	372.08	0 ANNUAL	EMRSS	5	
TMA	425728	5418993	0.05178	373	373	0 ANNUAL	EMRSS	5	
TMA	425728	5419193	0.04974	374.4	374.4	0 ANNUAL	EMRSS	5	
TMA	425928	5416393	0.08561	379	379	0 ANNUAL	EMRSS	5	
TMA	425928	5416593	0.08136	380	380	0 ANNUAL	EMRSS	5	
TMA	425928	5416793	0.07779	380	380	0 ANNUAL	EMRSS	5	
TMA	425928	5416993	0.07446	380	380	0 ANNUAL	EMRSS	5	
TMA	425928	5417193	0.07134	380	380	0 ANNUAL	EMRSS	5	
TMA	425928	5417393	0.06842	380	380	0 ANNUAL	EMRSS	5	
TMA	425928	5417593	0.0659	379	379	0 ANNUAL	EMRSS	5	
TMA	425928	5417793	0.06326	379.16	379.16	0 ANNUAL	EMRSS	5	
TMA	425928	5417993	0.06116	377.29	377.29	0 ANNUAL	EMRSS	5	
TMA	425928	5418193	0.05917	375	375	0 ANNUAL	EMRSS	5	
TMA	425928	5418393	0.05718	373	373	0 ANNUAL	EMRSS	5	
TMA	425928	5418593	0.05516	372	372	0 ANNUAL	EMRSS	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	425928	5418793	0.05324	371	371	0 ANNUAL	EMRSS	5	
TMA	425928	5418993	0.05132	371	371	0 ANNUAL	EMRSS	5	
TMA	425928	5419193	0.04959	370	370	0 ANNUAL	EMRSS	5	
TMA	426128	5416393	0.08142	380	380	0 ANNUAL	EMRSS	5	
TMA	426128	5416593	0.07773	380	380	0 ANNUAL	EMRSS	5	
TMA	426128	5416793	0.0743	380.2	380.2	0 ANNUAL	EMRSS	5	
TMA	426128	5416993	0.07128	380	380	0 ANNUAL	EMRSS	5	
TMA	426128	5417193	0.06842	380	380	0 ANNUAL	EMRSS	5	
TMA	426128	5417393	0.06576	380	380	0 ANNUAL	EMRSS	5	
TMA	426128	5417593	0.06328	380	380	0 ANNUAL	EMRSS	5	
TMA	426128	5417793	0.06094	380	380	0 ANNUAL	EMRSS	5	
TMA	426128	5417993	0.05937	376.57	376.57	0 ANNUAL	EMRSS	5	
TMA	426128	5418193	0.0576	374	374	0 ANNUAL	EMRSS	5	
TMA	426128	5418393	0.05566	373	373	0 ANNUAL	EMRSS	5	
TMA	426128	5418593	0.0538	372	372	0 ANNUAL	EMRSS	5	
TMA	426128	5418793	0.05193	372	372	0 ANNUAL	EMRSS	5	
TMA	426128	5418993	0.05024	371	371	0 ANNUAL	EMRSS	5	
TMA	426128	5419193	0.04862	370	370	0 ANNUAL	EMRSS	5	
TMA	426328	5416393	0.0791	379.29	379.29	0 ANNUAL	EMRSS	5	
TMA	426328	5416593	0.07495	380	380	0 ANNUAL	EMRSS	5	
TMA	426328	5416793	0.07148	380	380	0 ANNUAL	EMRSS	5	
TMA	426328	5416993	0.06835	380	380	0 ANNUAL	EMRSS	5	
TMA	426328	5417193	0.06552	380	380	0 ANNUAL	EMRSS	5	
TMA	426328	5417393	0.06293	380	380	0 ANNUAL	EMRSS	5	
TMA	426328	5417593	0.0608	379	379	0 ANNUAL	EMRSS	5	
TMA	426328	5417793	0.05882	377.97	377.97	0 ANNUAL	EMRSS	5	
TMA	426328	5417993	0.05729	375	375	0 ANNUAL	EMRSS	5	
TMA	426328	5418193	0.05544	374	374	0 ANNUAL	EMRSS	5	
TMA	426328	5418393	0.05367	373	373	0 ANNUAL	EMRSS	5	
TMA	426328	5418593	0.05176	374	374	0 ANNUAL	EMRSS	5	
TMA	426328	5418793	0.05006	374	374	0 ANNUAL	EMRSS	5	
TMA	426328	5418993	0.04846	373.99	373.99	0 ANNUAL	EMRSS	5	
TMA	426328	5419193	0.04702	373	373	0 ANNUAL	EMRSS	5	
TMA	426528	5416393	0.078	380	380	0 ANNUAL	EMRSS	5	
TMA	426528	5416593	0.07383	380	380	0 ANNUAL	EMRSS	5	
TMA	426528	5416793	0.07006	380	380	0 ANNUAL	EMRSS	5	
TMA	426528	5416993	0.06695	379.12	379.12	0 ANNUAL	EMRSS	5	
TMA	426528	5417193	0.06422	378	378	0 ANNUAL	EMRSS	5	
TMA	426528	5417393	0.06164	377.22	377.22	0 ANNUAL	EMRSS	5	
TMA	426528	5417593	0.05914	377	377	0 ANNUAL	EMRSS	5	
TMA	426528	5417793	0.05705	376	376	0 ANNUAL	EMRSS	5	
TMA	426528	5417993	0.05492	376	376	0 ANNUAL	EMRSS	5	
TMA	426528	5418193	0.05295	376	376	0 ANNUAL	EMRSS	5	
TMA	426528	5418393	0.05086	377.61	377.61	0 ANNUAL	EMRSS	5	
TMA	426528	5418593	0.04913	378	378	0 ANNUAL	EMRSS	5	
TMA	426528	5418793	0.04759	377.99	377.99	0 ANNUAL	EMRSS	5	
TMA	426528	5418993	0.04641	376	376	0 ANNUAL	EMRSS	5	
TMA	426528	5419193	0.04534	373.05	373.05	0 ANNUAL	EMRSS	5	
TMA	426728	5416393	0.07833	380	380	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	426728	5416593	0.07436	379	379	0 ANNUAL	EMRSS	5
TMA	426728	5416793	0.07037	379	379	0 ANNUAL	EMRSS	5
TMA	426728	5416993	0.06702	378	378	0 ANNUAL	EMRSS	5
TMA	426728	5417193	0.06368	378	378	0 ANNUAL	EMRSS	5
TMA	426728	5417393	0.06063	378	378	0 ANNUAL	EMRSS	5
TMA	426728	5417593	0.05777	378.4	378.4	0 ANNUAL	EMRSS	5
TMA	426728	5417793	0.05512	378.97	378.97	0 ANNUAL	EMRSS	5
TMA	426728	5417993	0.05308	378.02	378.02	0 ANNUAL	EMRSS	5
TMA	426728	5418193	0.05099	378.12	378.12	0 ANNUAL	EMRSS	5
TMA	426728	5418393	0.04872	380	380	0 ANNUAL	EMRSS	5
TMA	426728	5418593	0.04703	380	380	0 ANNUAL	EMRSS	5
TMA	426728	5418793	0.04566	378.92	378.92	0 ANNUAL	EMRSS	5
TMA	426728	5418993	0.04476	375.39	375.39	0 ANNUAL	EMRSS	5
TMA	426728	5419193	0.04369	373	373	0 ANNUAL	EMRSS	5
TMA	426928	5416393	0.07827	381	381	0 ANNUAL	EMRSS	5
TMA	426928	5416593	0.07446	380	380	0 ANNUAL	EMRSS	5
TMA	426928	5416793	0.0708	379.17	379.17	0 ANNUAL	EMRSS	5
TMA	426928	5416993	0.06689	380	380	0 ANNUAL	EMRSS	5
TMA	426928	5417193	0.06349	380	380	0 ANNUAL	EMRSS	5
TMA	426928	5417393	0.06034	380	380	0 ANNUAL	EMRSS	5
TMA	426928	5417593	0.05743	380	380	0 ANNUAL	EMRSS	5
TMA	426928	5417793	0.05475	380	380	0 ANNUAL	EMRSS	5
TMA	426928	5417993	0.0525	379	379	0 ANNUAL	EMRSS	5
TMA	426928	5418193	0.05024	379	379	0 ANNUAL	EMRSS	5
TMA	426928	5418393	0.04798	380	380	0 ANNUAL	EMRSS	5
TMA	426928	5418593	0.04591	381	381	0 ANNUAL	EMRSS	5
TMA	426928	5418793	0.04439	380	380	0 ANNUAL	EMRSS	5
TMA	426928	5418993	0.04362	375.12	375.12	0 ANNUAL	EMRSS	5
TMA	426928	5419193	0.0428	370.48	370.48	0 ANNUAL	EMRSS	5
TMA	427128	5416393	0.07797	381.16	381.16	0 ANNUAL	EMRSS	5
TMA	427128	5416593	0.07444	380	380	0 ANNUAL	EMRSS	5
TMA	427128	5416793	0.07072	380	380	0 ANNUAL	EMRSS	5
TMA	427128	5416993	0.06723	380	380	0 ANNUAL	EMRSS	5
TMA	427128	5417193	0.06395	380	380	0 ANNUAL	EMRSS	5
TMA	427128	5417393	0.06086	380	380	0 ANNUAL	EMRSS	5
TMA	427128	5417593	0.05795	380	380	0 ANNUAL	EMRSS	5
TMA	427128	5417793	0.05543	379	379	0 ANNUAL	EMRSS	5
TMA	427128	5417993	0.05287	379	379	0 ANNUAL	EMRSS	5
TMA	427128	5418193	0.05029	380	380	0 ANNUAL	EMRSS	5
TMA	427128	5418393	0.04792	380.92	380.92	0 ANNUAL	EMRSS	5
TMA	427128	5418593	0.04569	382	382	0 ANNUAL	EMRSS	5
TMA	427128	5418793	0.04399	381	381	0 ANNUAL	EMRSS	5
TMA	427128	5418993	0.04348	373.01	373.01	0 ANNUAL	EMRSS	5
TMA	427128	5419193	0.0424	369	369	0 ANNUAL	EMRSS	5
TMA	424328	5416193	0.09108	383.5	383.5	0 ANNUAL	EMRSS	5
TMA	424328	5415993	0.09465	386.14	386.14	0 ANNUAL	EMRSS	5
TMA	424328	5415793	0.09742	389.77	389.77	0 ANNUAL	EMRSS	5
TMA	424328	5415593	0.09988	393.41	393.41	0 ANNUAL	EMRSS	5
TMA	424328	5415393	0.1055	393.82	393.82	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	424328	5415193	0.11087	394.88	394.88	0 ANNUAL	EMRSS	5	
TMA	424328	5414993	0.11502	397.14	397.14	0 ANNUAL	EMRSS	5	
TMA	424328	5414793	0.11825	400	400	0 ANNUAL	EMRSS	5	
TMA	424328	5408393	0.16139	350.25	350.25	0 ANNUAL	EMRSS	5	
TMA	424328	5408193	0.14664	353.95	353.95	0 ANNUAL	EMRSS	5	
TMA	424528	5416193	0.09312	382	382	0 ANNUAL	EMRSS	5	
TMA	424528	5415993	0.09723	384.26	384.26	0 ANNUAL	EMRSS	5	
TMA	424528	5415793	0.10252	385.08	385.08	0 ANNUAL	EMRSS	5	
TMA	424528	5415593	0.10716	387.26	387.26	0 ANNUAL	EMRSS	5	
TMA	424528	5415393	0.11334	388	388	0 ANNUAL	EMRSS	5	
TMA	424528	5415193	0.11783	390.8	390.8	0 ANNUAL	EMRSS	5	
TMA	424528	5414993	0.12167	394.07	394.07	0 ANNUAL	EMRSS	5	
TMA	424528	5414793	0.12996	394.2	394.2	0 ANNUAL	EMRSS	5	
TMA	424728	5416193	0.09678	377.27	377.27	0 ANNUAL	EMRSS	5	
TMA	424728	5415993	0.10104	380.25	380.25	0 ANNUAL	EMRSS	5	
TMA	424728	5415793	0.10774	379.46	379.46	0 ANNUAL	EMRSS	5	
TMA	424728	5415593	0.11367	381	381	0 ANNUAL	EMRSS	5	
TMA	424728	5415393	0.12009	382.51	382.51	0 ANNUAL	EMRSS	5	
TMA	424728	5415193	0.12592	385.2	385.2	0 ANNUAL	EMRSS	5	
TMA	424728	5414993	0.13366	386.34	386.34	0 ANNUAL	EMRSS	5	
TMA	424728	5414793	0.14271	387.03	387.03	0 ANNUAL	EMRSS	5	
TMA	424928	5416193	0.09869	375.96	375.96	0 ANNUAL	EMRSS	5	
TMA	424928	5415993	0.10508	375	375	0 ANNUAL	EMRSS	5	
TMA	424928	5415793	0.11074	376.94	376.94	0 ANNUAL	EMRSS	5	
TMA	424928	5415593	0.11729	378.04	378.04	0 ANNUAL	EMRSS	5	
TMA	424928	5415393	0.12456	379	379	0 ANNUAL	EMRSS	5	
TMA	424928	5415193	0.13332	379	379	0 ANNUAL	EMRSS	5	
TMA	424928	5414993	0.14042	381.96	381.96	0 ANNUAL	EMRSS	5	
TMA	424928	5414793	0.1439	387.99	387.99	0 ANNUAL	EMRSS	5	
TMA	424928	5414593	0.15176	390.16	390.16	0 ANNUAL	EMRSS	5	
TMA	424928	5414393	0.16913	387.14	387.14	0 ANNUAL	EMRSS	5	
TMA	425128	5416193	0.09819	379	379	0 ANNUAL	EMRSS	5	
TMA	425128	5415993	0.10405	379.01	379.01	0 ANNUAL	EMRSS	5	
TMA	425128	5415793	0.11174	376.76	376.76	0 ANNUAL	EMRSS	5	
TMA	425128	5415593	0.11943	376	376	0 ANNUAL	EMRSS	5	
TMA	425128	5415393	0.1269	377	377	0 ANNUAL	EMRSS	5	
TMA	425128	5415193	0.13434	379	379	0 ANNUAL	EMRSS	5	
TMA	425128	5414993	0.14159	381.84	381.84	0 ANNUAL	EMRSS	5	
TMA	425128	5414793	0.14821	385.44	385.44	0 ANNUAL	EMRSS	5	
TMA	425128	5414593	0.15763	386.97	386.97	0 ANNUAL	EMRSS	5	
TMA	425128	5414393	0.1764	383	383	0 ANNUAL	EMRSS	5	
TMA	425328	5416193	0.09804	379	379	0 ANNUAL	EMRSS	5	
TMA	425328	5415993	0.10382	379	379	0 ANNUAL	EMRSS	5	
TMA	425328	5415793	0.11122	377	377	0 ANNUAL	EMRSS	5	
TMA	425328	5415593	0.1183	377	377	0 ANNUAL	EMRSS	5	
TMA	425328	5415393	0.12611	377	377	0 ANNUAL	EMRSS	5	
TMA	425328	5415193	0.13475	377	377	0 ANNUAL	EMRSS	5	
TMA	425328	5414993	0.14357	378	378	0 ANNUAL	EMRSS	5	
TMA	425328	5414793	0.15094	381.36	381.36	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	425328	5414593	0.1617	382	382	0 ANNUAL	EMRSS	5
TMA	425328	5414393	0.17586	381	381	0 ANNUAL	EMRSS	5
TMA	425528	5416193	0.0975	377	377	0 ANNUAL	EMRSS	5
TMA	425528	5415993	0.10305	377	377	0 ANNUAL	EMRSS	5
TMA	425528	5415793	0.1091	377	377	0 ANNUAL	EMRSS	5
TMA	425528	5415593	0.11572	377	377	0 ANNUAL	EMRSS	5
TMA	425528	5415393	0.12236	378	378	0 ANNUAL	EMRSS	5
TMA	425528	5415193	0.13029	378	378	0 ANNUAL	EMRSS	5
TMA	425528	5414993	0.13906	378	378	0 ANNUAL	EMRSS	5
TMA	425528	5414793	0.14789	379	379	0 ANNUAL	EMRSS	5
TMA	425528	5414593	0.15869	379	379	0 ANNUAL	EMRSS	5
TMA	425528	5414393	0.16967	380	380	0 ANNUAL	EMRSS	5
TMA	425728	5416193	0.09501	376	376	0 ANNUAL	EMRSS	5
TMA	425728	5415993	0.10013	376	376	0 ANNUAL	EMRSS	5
TMA	425728	5415793	0.10524	377	377	0 ANNUAL	EMRSS	5
TMA	425728	5415593	0.11128	377	377	0 ANNUAL	EMRSS	5
TMA	425728	5415393	0.1173	378	378	0 ANNUAL	EMRSS	5
TMA	425728	5415193	0.12457	378	378	0 ANNUAL	EMRSS	5
TMA	425728	5414993	0.13186	379	379	0 ANNUAL	EMRSS	5
TMA	425728	5414793	0.13993	380	380	0 ANNUAL	EMRSS	5
TMA	425728	5414593	0.15002	380	380	0 ANNUAL	EMRSS	5
TMA	425728	5414393	0.16156	380	380	0 ANNUAL	EMRSS	5
TMA	425728	5414193	0.17349	381	381	0 ANNUAL	EMRSS	5
TMA	425928	5416193	0.09063	377.1	377.1	0 ANNUAL	EMRSS	5
TMA	425928	5415993	0.09536	377	377	0 ANNUAL	EMRSS	5
TMA	425928	5415793	0.10052	377	377	0 ANNUAL	EMRSS	5
TMA	425928	5415593	0.10566	378	378	0 ANNUAL	EMRSS	5
TMA	425928	5415393	0.1119	378.1	378.1	0 ANNUAL	EMRSS	5
TMA	425928	5415193	0.11827	379.07	379.07	0 ANNUAL	EMRSS	5
TMA	425928	5414993	0.12594	379.38	379.38	0 ANNUAL	EMRSS	5
TMA	425928	5414793	0.13301	381.46	381.46	0 ANNUAL	EMRSS	5
TMA	425928	5414593	0.14249	382	382	0 ANNUAL	EMRSS	5
TMA	425928	5414393	0.15519	381	381	0 ANNUAL	EMRSS	5
TMA	425928	5414193	0.16993	380	380	0 ANNUAL	EMRSS	5
TMA	426128	5416193	0.08639	378	378	0 ANNUAL	EMRSS	5
TMA	426128	5415993	0.091	378	378	0 ANNUAL	EMRSS	5
TMA	426128	5415793	0.09615	378	378	0 ANNUAL	EMRSS	5
TMA	426128	5415593	0.10135	379	379	0 ANNUAL	EMRSS	5
TMA	426128	5415393	0.10717	380	380	0 ANNUAL	EMRSS	5
TMA	426128	5415193	0.11369	381	381	0 ANNUAL	EMRSS	5
TMA	426128	5414993	0.12153	381.37	381.37	0 ANNUAL	EMRSS	5
TMA	426128	5414793	0.12767	384.49	384.49	0 ANNUAL	EMRSS	5
TMA	426128	5414593	0.13828	384	384	0 ANNUAL	EMRSS	5
TMA	426128	5414393	0.15226	382	382	0 ANNUAL	EMRSS	5
TMA	426128	5414193	0.16836	380.01	380.01	0 ANNUAL	EMRSS	5
TMA	426328	5416193	0.08357	379	379	0 ANNUAL	EMRSS	5
TMA	426328	5415993	0.08815	379.58	379.58	0 ANNUAL	EMRSS	5
TMA	426328	5415793	0.09282	381	381	0 ANNUAL	EMRSS	5
TMA	426328	5415593	0.097	383.94	383.94	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
TMA	426328	5415393	0.10266	385.11	385.11	0 ANNUAL	EMRSS	5
TMA	426328	5415193	0.10808	387.15	387.15	0 ANNUAL	EMRSS	5
TMA	426328	5414993	0.11498	388	388	0 ANNUAL	EMRSS	5
TMA	426328	5414793	0.12679	385	385	0 ANNUAL	EMRSS	5
TMA	426328	5414593	0.14115	381	381	0 ANNUAL	EMRSS	5
TMA	426328	5414393	0.15407	380	380	0 ANNUAL	EMRSS	5
TMA	426328	5414193	0.16761	379.9	379.9	0 ANNUAL	EMRSS	5
TMA	426528	5416193	0.08262	380	380	0 ANNUAL	EMRSS	5
TMA	426528	5415993	0.08677	382	382	0 ANNUAL	EMRSS	5
TMA	426528	5415793	0.09093	384.43	384.43	0 ANNUAL	EMRSS	5
TMA	426528	5415593	0.09499	387.14	387.14	0 ANNUAL	EMRSS	5
TMA	426528	5415393	0.09885	390	390	0 ANNUAL	EMRSS	5
TMA	426528	5415193	0.10541	390	390	0 ANNUAL	EMRSS	5
TMA	426528	5414993	0.11261	390	390	0 ANNUAL	EMRSS	5
TMA	426528	5414793	0.12501	386.24	386.24	0 ANNUAL	EMRSS	5
TMA	426528	5414593	0.14077	380.69	380.69	0 ANNUAL	EMRSS	5
TMA	426528	5414393	0.15401	379	379	0 ANNUAL	EMRSS	5
TMA	426528	5414193	0.16791	378	378	0 ANNUAL	EMRSS	5
TMA	426728	5416193	0.08216	382	382	0 ANNUAL	EMRSS	5
TMA	426728	5415993	0.08614	384	384	0 ANNUAL	EMRSS	5
TMA	426728	5415793	0.0902	386	386	0 ANNUAL	EMRSS	5
TMA	426728	5415593	0.09431	388	388	0 ANNUAL	EMRSS	5
TMA	426728	5415393	0.09849	390	390	0 ANNUAL	EMRSS	5
TMA	426728	5415193	0.10595	388.86	388.86	0 ANNUAL	EMRSS	5
TMA	426728	5414993	0.11192	389.95	389.95	0 ANNUAL	EMRSS	5
TMA	426728	5414793	0.12495	385.44	385.44	0 ANNUAL	EMRSS	5
TMA	426728	5414593	0.14014	379.81	379.81	0 ANNUAL	EMRSS	5
TMA	426728	5414393	0.15245	378.03	378.03	0 ANNUAL	EMRSS	5
TMA	426728	5414193	0.16352	378	378	0 ANNUAL	EMRSS	5
TMA	426928	5416193	0.08182	383	383	0 ANNUAL	EMRSS	5
TMA	426928	5415993	0.08544	385	385	0 ANNUAL	EMRSS	5
TMA	426928	5415793	0.08914	387	387	0 ANNUAL	EMRSS	5
TMA	426928	5415593	0.09373	388	388	0 ANNUAL	EMRSS	5
TMA	426928	5415393	0.09958	388	388	0 ANNUAL	EMRSS	5
TMA	426928	5415193	0.10796	385.9	385.9	0 ANNUAL	EMRSS	5
TMA	426928	5414993	0.11661	384.4	384.4	0 ANNUAL	EMRSS	5
TMA	426928	5414793	0.12621	382.59	382.59	0 ANNUAL	EMRSS	5
TMA	426928	5414593	0.13705	379.99	379.99	0 ANNUAL	EMRSS	5
TMA	426928	5414393	0.14663	379	379	0 ANNUAL	EMRSS	5
TMA	426928	5414193	0.15618	378	378	0 ANNUAL	EMRSS	5
TMA	427128	5416193	0.08091	383.98	383.98	0 ANNUAL	EMRSS	5
TMA	427128	5415993	0.08431	386	386	0 ANNUAL	EMRSS	5
TMA	427128	5415793	0.08867	386.86	386.86	0 ANNUAL	EMRSS	5
TMA	427128	5415593	0.09468	386	386	0 ANNUAL	EMRSS	5
TMA	427128	5415393	0.1006	386	386	0 ANNUAL	EMRSS	5
TMA	427128	5415193	0.10772	385	385	0 ANNUAL	EMRSS	5
TMA	427128	5414993	0.11524	383.88	383.88	0 ANNUAL	EMRSS	5
TMA	427128	5414793	0.12353	382	382	0 ANNUAL	EMRSS	5
TMA	427128	5414593	0.13099	381	381	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr Num	Year	Net ID
TMA	427128	5414393	0.13821	380	380	0 ANNUAL	EMRSS	5
TMA	427128	5414193	0.14402	380	380	0 ANNUAL	EMRSS	5
TMA	424128	5408393	0.1558	350.25	350.25	0 ANNUAL	EMRSS	5
TMA	424128	5408193	0.1422	354	354	0 ANNUAL	EMRSS	5
TMA	423928	5408393	0.15246	353.49	353.49	0 ANNUAL	EMRSS	5
TMA	423928	5408193	0.13902	357.59	357.59	0 ANNUAL	EMRSS	5
TMA	423728	5408393	0.14893	355.6	355.6	0 ANNUAL	EMRSS	5
TMA	423728	5408193	0.1344	359.84	359.84	0 ANNUAL	EMRSS	5
TMA	423528	5408393	0.14278	352	352	0 ANNUAL	EMRSS	5
TMA	423528	5408193	0.12906	354.52	354.52	0 ANNUAL	EMRSS	5
TMA	423328	5408593	0.15252	349.35	349.35	0 ANNUAL	EMRSS	5
TMA	423328	5408393	0.13859	351	351	0 ANNUAL	EMRSS	5
TMA	423328	5408193	0.12519	352	352	0 ANNUAL	EMRSS	5
TMA	423128	5408593	0.14699	352.5	352.5	0 ANNUAL	EMRSS	5
TMA	423128	5408393	0.13536	354.07	354.07	0 ANNUAL	EMRSS	5
TMA	423128	5408193	0.12424	356	356	0 ANNUAL	EMRSS	5
TMA	422928	5408593	0.13815	353	353	0 ANNUAL	EMRSS	5
TMA	422928	5408393	0.12854	355	355	0 ANNUAL	EMRSS	5
TMA	422928	5408193	0.11962	357	357	0 ANNUAL	EMRSS	5
TMA	422728	5408593	0.12997	353	353	0 ANNUAL	EMRSS	5
TMA	422728	5408393	0.12074	355	355	0 ANNUAL	EMRSS	5
TMA	422728	5408193	0.11269	356	356	0 ANNUAL	EMRSS	5
TMA	422528	5408593	0.12406	354	354	0 ANNUAL	EMRSS	5
TMA	422528	5408393	0.11391	354.79	354.79	0 ANNUAL	EMRSS	5
TMA	422528	5408193	0.10612	355.99	355.99	0 ANNUAL	EMRSS	5
TMA	422328	5408593	0.11813	352	352	0 ANNUAL	EMRSS	5
TMA	422328	5408393	0.10801	353	353	0 ANNUAL	EMRSS	5
TMA	422328	5408193	0.09992	354	354	0 ANNUAL	EMRSS	5
TMA	422128	5408593	0.11298	350	350	0 ANNUAL	EMRSS	5
TMA	422128	5408393	0.10364	352	352	0 ANNUAL	EMRSS	5
TMA	422128	5408193	0.09568	354	354	0 ANNUAL	EMRSS	5
TMA	421928	5408593	0.10889	350	350	0 ANNUAL	EMRSS	5
TMA	421928	5408393	0.10014	351.68	351.68	0 ANNUAL	EMRSS	5
TMA	421928	5408193	0.09239	354	354	0 ANNUAL	EMRSS	5
TMA	421728	5408593	0.10419	349	349	0 ANNUAL	EMRSS	5
TMA	421728	5408393	0.09669	351	351	0 ANNUAL	EMRSS	5
TMA	421728	5408193	0.08933	353	353	0 ANNUAL	EMRSS	5
TMA	421528	5408593	0.09915	348	348	0 ANNUAL	EMRSS	5
TMA	421528	5408393	0.09273	349	349	0 ANNUAL	EMRSS	5
TMA	421528	5408193	0.08621	351	351	0 ANNUAL	EMRSS	5
TMA	421328	5408593	0.09322	345.41	345.41	0 ANNUAL	EMRSS	5
TMA	421328	5408393	0.08856	347	347	0 ANNUAL	EMRSS	5
TMA	421328	5408193	0.08302	348.81	348.81	0 ANNUAL	EMRSS	5
TMA	421128	5408593	0.08771	344.52	344.52	0 ANNUAL	EMRSS	5
TMA	421128	5408393	0.08423	345.3	345.3	0 ANNUAL	EMRSS	5
TMA	421128	5408193	0.07981	347	347	0 ANNUAL	EMRSS	5
TMA	420928	5408593	0.08194	343	343	0 ANNUAL	EMRSS	5
TMA	420928	5408393	0.07979	344	344	0 ANNUAL	EMRSS	5
TMA	420928	5408193	0.07634	345	345	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	420728	5408593	0.07674	343	343	0 ANNUAL	EMRSS	5	
TMA	420728	5408393	0.07529	343	343	0 ANNUAL	EMRSS	5	
TMA	420728	5408193	0.0729	344	344	0 ANNUAL	EMRSS	5	
TMA	420528	5409393	0.07276	353	353	0 ANNUAL	EMRSS	5	
TMA	420528	5409193	0.07223	350	350	0 ANNUAL	EMRSS	5	
TMA	420528	5408993	0.07255	349	349	0 ANNUAL	EMRSS	5	
TMA	420528	5408793	0.07262	347	347	0 ANNUAL	EMRSS	5	
TMA	420528	5408593	0.07223	345.03	345.03	0 ANNUAL	EMRSS	5	
TMA	420528	5408393	0.07102	343	343	0 ANNUAL	EMRSS	5	
TMA	420528	5408193	0.06929	343	343	0 ANNUAL	EMRSS	5	
TMA	420328	5409393	0.06793	353.52	353.52	0 ANNUAL	EMRSS	5	
TMA	420328	5409193	0.06734	350.89	350.89	0 ANNUAL	EMRSS	5	
TMA	420328	5408993	0.06739	349	349	0 ANNUAL	EMRSS	5	
TMA	420328	5408793	0.06775	348	348	0 ANNUAL	EMRSS	5	
TMA	420128	5409393	0.06348	352.9	352.9	0 ANNUAL	EMRSS	5	
TMA	420128	5409193	0.06272	350	350	0 ANNUAL	EMRSS	5	
TMA	420128	5408993	0.06279	349	349	0 ANNUAL	EMRSS	5	
TMA	420128	5408793	0.06314	348	348	0 ANNUAL	EMRSS	5	
TMA	419928	5409393	0.05963	353	353	0 ANNUAL	EMRSS	5	
TMA	419928	5409193	0.05892	351	351	0 ANNUAL	EMRSS	5	
TMA	419928	5408993	0.05885	350	350	0 ANNUAL	EMRSS	5	
TMA	419928	5408793	0.05913	349	349	0 ANNUAL	EMRSS	5	
TMA	419728	5409393	0.05588	351	351	0 ANNUAL	EMRSS	5	
TMA	419728	5409193	0.05525	349.94	349.94	0 ANNUAL	EMRSS	5	
TMA	419728	5408993	0.05504	349	349	0 ANNUAL	EMRSS	5	
TMA	419728	5408793	0.05523	348	348	0 ANNUAL	EMRSS	5	
TMA	419528	5410993	0.04645	356	356	0 ANNUAL	EMRSS	5	
TMA	419528	5410793	0.04773	355	355	0 ANNUAL	EMRSS	5	
TMA	419528	5410593	0.04925	357	357	0 ANNUAL	EMRSS	5	
TMA	419528	5410393	0.0506	358	358	0 ANNUAL	EMRSS	5	
TMA	419528	5410193	0.05173	356.94	356.94	0 ANNUAL	EMRSS	5	
TMA	419528	5409993	0.05269	355	355	0 ANNUAL	EMRSS	5	
TMA	419528	5409793	0.05329	353.29	353.29	0 ANNUAL	EMRSS	5	
TMA	419528	5409593	0.0532	351.28	351.28	0 ANNUAL	EMRSS	5	
TMA	419528	5409393	0.05263	350	350	0 ANNUAL	EMRSS	5	
TMA	419528	5409193	0.05198	349	349	0 ANNUAL	EMRSS	5	
TMA	419528	5408993	0.05165	348	348	0 ANNUAL	EMRSS	5	
TMA	419528	5408793	0.05172	347	347	0 ANNUAL	EMRSS	5	
TMA	419528	5408593	0.05202	346	346	0 ANNUAL	EMRSS	5	
TMA	419528	5408393	0.05231	345	345	0 ANNUAL	EMRSS	5	
TMA	419528	5408193	0.05227	343	343	0 ANNUAL	EMRSS	5	
TMA	419328	5410993	0.04378	355	355	0 ANNUAL	EMRSS	5	
TMA	419328	5410793	0.04485	353	353	0 ANNUAL	EMRSS	5	
TMA	419328	5410593	0.04606	353	353	0 ANNUAL	EMRSS	5	
TMA	419328	5410393	0.04724	353.58	353.58	0 ANNUAL	EMRSS	5	
TMA	419328	5410193	0.04836	353.77	353.77	0 ANNUAL	EMRSS	5	
TMA	419328	5409993	0.04923	352	352	0 ANNUAL	EMRSS	5	
TMA	419328	5409793	0.04994	351.03	351.03	0 ANNUAL	EMRSS	5	
TMA	419328	5409593	0.05012	350.18	350.18	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
TMA	419328	5409393	0.04981	350	350	0 ANNUAL	EMRSS	5
TMA	419328	5409193	0.04907	348.27	348.27	0 ANNUAL	EMRSS	5
TMA	419328	5408993	0.04869	347.63	347.63	0 ANNUAL	EMRSS	5
TMA	419328	5408793	0.0487	347	347	0 ANNUAL	EMRSS	5
TMA	419328	5408593	0.04894	346	346	0 ANNUAL	EMRSS	5
TMA	419328	5408393	0.0492	344.73	344.73	0 ANNUAL	EMRSS	5
TMA	419328	5408193	0.04918	342.09	342.09	0 ANNUAL	EMRSS	5
TMA	419128	5410993	0.04143	355	355	0 ANNUAL	EMRSS	5
TMA	419128	5410793	0.04241	353	353	0 ANNUAL	EMRSS	5
TMA	419128	5410593	0.04332	351	351	0 ANNUAL	EMRSS	5
TMA	419128	5410393	0.04423	350	350	0 ANNUAL	EMRSS	5
TMA	419128	5410193	0.04521	350	350	0 ANNUAL	EMRSS	5
TMA	419128	5409993	0.0462	350	350	0 ANNUAL	EMRSS	5
TMA	419128	5409793	0.04703	350	350	0 ANNUAL	EMRSS	5
TMA	419128	5409593	0.04728	349	349	0 ANNUAL	EMRSS	5
TMA	419128	5409393	0.04698	348	348	0 ANNUAL	EMRSS	5
TMA	419128	5409193	0.0465	348	348	0 ANNUAL	EMRSS	5
TMA	419128	5408993	0.04601	347	347	0 ANNUAL	EMRSS	5
TMA	419128	5408793	0.04586	346	346	0 ANNUAL	EMRSS	5
TMA	419128	5408593	0.04614	346	346	0 ANNUAL	EMRSS	5
TMA	419128	5408393	0.04638	344.6	344.6	0 ANNUAL	EMRSS	5
TMA	419128	5408193	0.04643	342	342	0 ANNUAL	EMRSS	5
TMA	418928	5410993	0.03905	352	352	0 ANNUAL	EMRSS	5
TMA	418928	5410793	0.04001	351	351	0 ANNUAL	EMRSS	5
TMA	418928	5410593	0.04093	350	350	0 ANNUAL	EMRSS	5
TMA	418928	5410393	0.04175	349	349	0 ANNUAL	EMRSS	5
TMA	418928	5410193	0.04264	349	349	0 ANNUAL	EMRSS	5
TMA	418928	5409993	0.04349	348.44	348.44	0 ANNUAL	EMRSS	5
TMA	418928	5409793	0.04424	348	348	0 ANNUAL	EMRSS	5
TMA	418928	5409593	0.04469	348	348	0 ANNUAL	EMRSS	5
TMA	418928	5409393	0.04451	347	347	0 ANNUAL	EMRSS	5
TMA	418928	5409193	0.04408	347	347	0 ANNUAL	EMRSS	5
TMA	418928	5408993	0.04355	346	346	0 ANNUAL	EMRSS	5
TMA	418928	5408793	0.04341	345.98	345.98	0 ANNUAL	EMRSS	5
TMA	418928	5408593	0.04349	345	345	0 ANNUAL	EMRSS	5
TMA	418928	5408393	0.04374	344	344	0 ANNUAL	EMRSS	5
TMA	418928	5408193	0.04389	342	342	0 ANNUAL	EMRSS	5
TMA	418728	5410993	0.0369	349.6	349.6	0 ANNUAL	EMRSS	5
TMA	418728	5410793	0.03782	349	349	0 ANNUAL	EMRSS	5
TMA	418728	5410593	0.03866	348.05	348.05	0 ANNUAL	EMRSS	5
TMA	418728	5410393	0.03949	348	348	0 ANNUAL	EMRSS	5
TMA	418728	5410193	0.04019	347.03	347.03	0 ANNUAL	EMRSS	5
TMA	418728	5409993	0.04102	347	347	0 ANNUAL	EMRSS	5
TMA	418728	5409793	0.0418	347	347	0 ANNUAL	EMRSS	5
TMA	418728	5409593	0.0423	347	347	0 ANNUAL	EMRSS	5
TMA	418728	5409393	0.04222	346	346	0 ANNUAL	EMRSS	5
TMA	418728	5409193	0.04187	346	346	0 ANNUAL	EMRSS	5
TMA	418728	5408993	0.04132	345	345	0 ANNUAL	EMRSS	5
TMA	418728	5408793	0.0411	345	345	0 ANNUAL	EMRSS	5



Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	418728	5408593	0.04108	344	344	0 ANNUAL	EMRSS	5
TMA	418728	5408393	0.04129	343	343	0 ANNUAL	EMRSS	5
TMA	418728	5408193	0.04144	341	341	0 ANNUAL	EMRSS	5
TMA	418528	5410993	0.03507	349	349	0 ANNUAL	EMRSS	5
TMA	418528	5410793	0.03588	348	348	0 ANNUAL	EMRSS	5
TMA	418528	5410593	0.03665	347	347	0 ANNUAL	EMRSS	5
TMA	418528	5410393	0.03742	347	347	0 ANNUAL	EMRSS	5
TMA	418528	5410193	0.03805	346	346	0 ANNUAL	EMRSS	5
TMA	418528	5409993	0.03881	346	346	0 ANNUAL	EMRSS	5
TMA	418528	5409793	0.03956	346	346	0 ANNUAL	EMRSS	5
TMA	418528	5409593	0.04009	346	346	0 ANNUAL	EMRSS	5
TMA	418528	5409393	0.0401	345	345	0 ANNUAL	EMRSS	5
TMA	418528	5409193	0.03983	345	345	0 ANNUAL	EMRSS	5
TMA	418528	5408993	0.0393	344.08	344.08	0 ANNUAL	EMRSS	5
TMA	418528	5408793	0.039	344	344	0 ANNUAL	EMRSS	5
TMA	418528	5408593	0.039	344	344	0 ANNUAL	EMRSS	5
TMA	418528	5408393	0.03914	343	343	0 ANNUAL	EMRSS	5
TMA	418528	5408193	0.03939	342	342	0 ANNUAL	EMRSS	5
TMA	418328	5410993	0.03343	349	349	0 ANNUAL	EMRSS	5
TMA	418328	5410793	0.03419	348	348	0 ANNUAL	EMRSS	5
TMA	418328	5410593	0.0349	347	347	0 ANNUAL	EMRSS	5
TMA	418328	5410393	0.03552	346	346	0 ANNUAL	EMRSS	5
TMA	418328	5410193	0.03618	346	346	0 ANNUAL	EMRSS	5
TMA	418328	5409993	0.03688	346	346	0 ANNUAL	EMRSS	5
TMA	418328	5409793	0.03749	345	345	0 ANNUAL	EMRSS	5
TMA	418328	5409593	0.03804	345	345	0 ANNUAL	EMRSS	5
TMA	418328	5409393	0.03824	345	345	0 ANNUAL	EMRSS	5
TMA	418328	5409193	0.03795	344	344	0 ANNUAL	EMRSS	5
TMA	418328	5408993	0.03754	344	344	0 ANNUAL	EMRSS	5
TMA	418328	5408793	0.03718	343.82	343.82	0 ANNUAL	EMRSS	5
TMA	418328	5408593	0.03701	343	343	0 ANNUAL	EMRSS	5
TMA	418328	5408393	0.03718	343	343	0 ANNUAL	EMRSS	5
TMA	418328	5408193	0.0374	342	342	0 ANNUAL	EMRSS	5
TMA	418128	5410993	0.03184	348	348	0 ANNUAL	EMRSS	5
TMA	418128	5410793	0.03261	348	348	0 ANNUAL	EMRSS	5
TMA	418128	5410593	0.03328	347	347	0 ANNUAL	EMRSS	5
TMA	418128	5410393	0.03385	346	346	0 ANNUAL	EMRSS	5
TMA	418128	5410193	0.03446	346	346	0 ANNUAL	EMRSS	5
TMA	418128	5409993	0.0351	346	346	0 ANNUAL	EMRSS	5
TMA	418128	5409793	0.03568	345	345	0 ANNUAL	EMRSS	5
TMA	418128	5409593	0.03623	345	345	0 ANNUAL	EMRSS	5
TMA	418128	5409393	0.0365	345	345	0 ANNUAL	EMRSS	5
TMA	418128	5409193	0.03629	344	344	0 ANNUAL	EMRSS	5
TMA	418128	5408993	0.03592	344	344	0 ANNUAL	EMRSS	5
TMA	418128	5408793	0.03546	343	343	0 ANNUAL	EMRSS	5
TMA	418128	5408593	0.03529	343	343	0 ANNUAL	EMRSS	5
TMA	418128	5408393	0.03529	342	342	0 ANNUAL	EMRSS	5
TMA	418128	5408193	0.03556	342	342	0 ANNUAL	EMRSS	5
TMA	417928	5410993	0.0305	349	349	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	417928	5410793	0.03116	348	348	0 ANNUAL	EMRSS	5	
TMA	417928	5410593	0.03178	347	347	0 ANNUAL	EMRSS	5	
TMA	417928	5410393	0.03238	347	347	0 ANNUAL	EMRSS	5	
TMA	417928	5410193	0.03287	346	346	0 ANNUAL	EMRSS	5	
TMA	417928	5409993	0.03345	346	346	0 ANNUAL	EMRSS	5	
TMA	417928	5409793	0.03408	346	346	0 ANNUAL	EMRSS	5	
TMA	417928	5409593	0.03464	346	346	0 ANNUAL	EMRSS	5	
TMA	417928	5409393	0.03486	345	345	0 ANNUAL	EMRSS	5	
TMA	417928	5409193	0.03474	344	344	0 ANNUAL	EMRSS	5	
TMA	417928	5408993	0.03442	344	344	0 ANNUAL	EMRSS	5	
TMA	417928	5408793	0.03395	343	343	0 ANNUAL	EMRSS	5	
TMA	417928	5408593	0.03372	343	343	0 ANNUAL	EMRSS	5	
TMA	417928	5408393	0.03365	342	342	0 ANNUAL	EMRSS	5	
TMA	417928	5408193	0.03386	342	342	0 ANNUAL	EMRSS	5	
TMA	417728	5410993	0.02919	349	349	0 ANNUAL	EMRSS	5	
TMA	417728	5410793	0.02981	348	348	0 ANNUAL	EMRSS	5	
TMA	417728	5410593	0.03038	347	347	0 ANNUAL	EMRSS	5	
TMA	417728	5410393	0.03095	347	347	0 ANNUAL	EMRSS	5	
TMA	417728	5410193	0.03146	347	347	0 ANNUAL	EMRSS	5	
TMA	417728	5409993	0.032	347	347	0 ANNUAL	EMRSS	5	
TMA	417728	5409793	0.03259	347	347	0 ANNUAL	EMRSS	5	
TMA	417728	5409593	0.03314	347	347	0 ANNUAL	EMRSS	5	
TMA	417728	5409393	0.03341	346	346	0 ANNUAL	EMRSS	5	
TMA	417728	5409193	0.03344	345.93	345.93	0 ANNUAL	EMRSS	5	
TMA	417728	5408993	0.03331	345	345	0 ANNUAL	EMRSS	5	
TMA	417728	5408793	0.03264	344	344	0 ANNUAL	EMRSS	5	
TMA	417728	5408593	0.03228	343	343	0 ANNUAL	EMRSS	5	
TMA	417728	5408393	0.03222	343	343	0 ANNUAL	EMRSS	5	
TMA	417728	5408193	0.0323	342	342	0 ANNUAL	EMRSS	5	
TMA	417528	5410993	0.02797	349	349	0 ANNUAL	EMRSS	5	
TMA	417528	5410793	0.02855	348	348	0 ANNUAL	EMRSS	5	
TMA	417528	5410593	0.02915	348	348	0 ANNUAL	EMRSS	5	
TMA	417528	5410393	0.02968	348	348	0 ANNUAL	EMRSS	5	
TMA	417528	5410193	0.03009	347	347	0 ANNUAL	EMRSS	5	
TMA	417528	5409993	0.03058	347	347	0 ANNUAL	EMRSS	5	
TMA	417528	5409793	0.03115	347.42	347.42	0 ANNUAL	EMRSS	5	
TMA	417528	5409593	0.03166	347	347	0 ANNUAL	EMRSS	5	
TMA	417528	5409393	0.03204	347	347	0 ANNUAL	EMRSS	5	
TMA	417528	5409193	0.03207	346	346	0 ANNUAL	EMRSS	5	
TMA	417528	5408993	0.03179	345	345	0 ANNUAL	EMRSS	5	
TMA	417528	5408793	0.03143	345	345	0 ANNUAL	EMRSS	5	
TMA	417528	5408593	0.03104	344	344	0 ANNUAL	EMRSS	5	
TMA	417528	5408393	0.03084	343	343	0 ANNUAL	EMRSS	5	
TMA	417528	5408193	0.03086	342	342	0 ANNUAL	EMRSS	5	
TMA	417328	5410993	0.02683	349	349	0 ANNUAL	EMRSS	5	
TMA	417328	5410793	0.02743	349	349	0 ANNUAL	EMRSS	5	
TMA	417328	5410593	0.02794	348	348	0 ANNUAL	EMRSS	5	
TMA	417328	5410393	0.02843	348	348	0 ANNUAL	EMRSS	5	
TMA	417328	5410193	0.02887	348	348	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	417328	5409993	0.02926	347	347	0 ANNUAL	EMRSS	5
TMA	417328	5409793	0.0297	346	346	0 ANNUAL	EMRSS	5
TMA	417328	5409593	0.03022	346	346	0 ANNUAL	EMRSS	5
TMA	417328	5409393	0.03062	346	346	0 ANNUAL	EMRSS	5
TMA	417328	5409193	0.0307	345	345	0 ANNUAL	EMRSS	5
TMA	417328	5408993	0.03056	345	345	0 ANNUAL	EMRSS	5
TMA	417328	5408793	0.03023	345	345	0 ANNUAL	EMRSS	5
TMA	417328	5408593	0.02982	344	344	0 ANNUAL	EMRSS	5
TMA	417328	5408393	0.02957	343	343	0 ANNUAL	EMRSS	5
TMA	417328	5408193	0.02952	341.83	341.83	0 ANNUAL	EMRSS	5
TMA	417128	5410993	0.02581	350	350	0 ANNUAL	EMRSS	5
TMA	417128	5410793	0.02633	349	349	0 ANNUAL	EMRSS	5
TMA	417128	5410593	0.02684	348.66	348.66	0 ANNUAL	EMRSS	5
TMA	417128	5410393	0.02737	350	350	0 ANNUAL	EMRSS	5
TMA	417128	5410193	0.02778	350	350	0 ANNUAL	EMRSS	5
TMA	417128	5409993	0.0282	350	350	0 ANNUAL	EMRSS	5
TMA	417128	5409793	0.02859	348.57	348.57	0 ANNUAL	EMRSS	5
TMA	417128	5409593	0.02897	346.6	346.6	0 ANNUAL	EMRSS	5
TMA	417128	5409393	0.02935	346	346	0 ANNUAL	EMRSS	5
TMA	417128	5409193	0.02948	345	345	0 ANNUAL	EMRSS	5
TMA	417128	5408993	0.02934	344	344	0 ANNUAL	EMRSS	5
TMA	417128	5408793	0.02898	343	343	0 ANNUAL	EMRSS	5
TMA	417128	5408593	0.02864	343	343	0 ANNUAL	EMRSS	5
TMA	417128	5408393	0.02834	342	342	0 ANNUAL	EMRSS	5
TMA	417128	5408193	0.02824	341	341	0 ANNUAL	EMRSS	5
TMA	416928	5410993	0.02493	353	353	0 ANNUAL	EMRSS	5
TMA	416928	5410793	0.02534	350	350	0 ANNUAL	EMRSS	5
TMA	416928	5410593	0.02584	349.92	349.92	0 ANNUAL	EMRSS	5
TMA	416928	5410393	0.02628	350	350	0 ANNUAL	EMRSS	5
TMA	416928	5410193	0.02671	351	351	0 ANNUAL	EMRSS	5
TMA	416928	5409993	0.02709	351	351	0 ANNUAL	EMRSS	5
TMA	416928	5409793	0.02748	350	350	0 ANNUAL	EMRSS	5
TMA	416928	5409593	0.02795	350	350	0 ANNUAL	EMRSS	5
TMA	416928	5409393	0.02832	349	349	0 ANNUAL	EMRSS	5
TMA	416928	5409193	0.02844	347	347	0 ANNUAL	EMRSS	5
TMA	416928	5408993	0.02836	346	346	0 ANNUAL	EMRSS	5
TMA	416928	5408793	0.02805	345	345	0 ANNUAL	EMRSS	5
TMA	416928	5408593	0.02766	344	344	0 ANNUAL	EMRSS	5
TMA	416928	5408393	0.02738	344	344	0 ANNUAL	EMRSS	5
TMA	416928	5408193	0.02723	343	343	0 ANNUAL	EMRSS	5
TMA	416728	5410993	0.02392	351.06	351.06	0 ANNUAL	EMRSS	5
TMA	416728	5410793	0.02441	351	351	0 ANNUAL	EMRSS	5
TMA	416728	5410593	0.02485	350	350	0 ANNUAL	EMRSS	5
TMA	416728	5410393	0.0253	351	351	0 ANNUAL	EMRSS	5
TMA	416728	5410193	0.0257	352	352	0 ANNUAL	EMRSS	5
TMA	416728	5409993	0.02605	352	352	0 ANNUAL	EMRSS	5
TMA	416728	5409793	0.02641	351	351	0 ANNUAL	EMRSS	5
TMA	416728	5409593	0.02681	350	350	0 ANNUAL	EMRSS	5
TMA	416728	5409393	0.0272	349.5	349.5	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	416728	5409193	0.02746	349.3	349.3	0 ANNUAL	EMRSS	5	
TMA	416728	5408993	0.02747	348.99	348.99	0 ANNUAL	EMRSS	5	
TMA	416728	5408793	0.02721	347.94	347.94	0 ANNUAL	EMRSS	5	
TMA	416728	5408593	0.02679	346	346	0 ANNUAL	EMRSS	5	
TMA	416728	5408393	0.02644	345	345	0 ANNUAL	EMRSS	5	
TMA	416728	5408193	0.02618	343	343	0 ANNUAL	EMRSS	5	
TMA	416528	5410993	0.02312	361.2	361.2	0 ANNUAL	EMRSS	5	
TMA	416528	5410793	0.02367	356	356	0 ANNUAL	EMRSS	5	
TMA	416528	5410593	0.02402	352.93	352.93	0 ANNUAL	EMRSS	5	
TMA	416528	5410393	0.02434	351	351	0 ANNUAL	EMRSS	5	
TMA	416528	5410193	0.02475	353	353	0 ANNUAL	EMRSS	5	
TMA	416528	5409993	0.02511	354	354	0 ANNUAL	EMRSS	5	
TMA	416528	5409793	0.02545	353	353	0 ANNUAL	EMRSS	5	
TMA	416528	5409593	0.02582	351.77	351.77	0 ANNUAL	EMRSS	5	
TMA	416528	5409393	0.0262	351	351	0 ANNUAL	EMRSS	5	
TMA	416528	5409193	0.02644	350	350	0 ANNUAL	EMRSS	5	
TMA	416528	5408993	0.02647	349	349	0 ANNUAL	EMRSS	5	
TMA	416528	5408793	0.02622	347	347	0 ANNUAL	EMRSS	5	
TMA	416528	5408593	0.02582	345	345	0 ANNUAL	EMRSS	5	
TMA	416528	5408393	0.02542	343	343	0 ANNUAL	EMRSS	5	
TMA	416528	5408193	0.02516	341.73	341.73	0 ANNUAL	EMRSS	5	
TMA	416328	5410993	0.02194	367.86	367.86	0 ANNUAL	EMRSS	5	
TMA	416328	5410793	0.02287	359	359	0 ANNUAL	EMRSS	5	
TMA	416328	5410593	0.02322	355.8	355.8	0 ANNUAL	EMRSS	5	
TMA	416328	5410393	0.02347	352	352	0 ANNUAL	EMRSS	5	
TMA	416328	5410193	0.02383	353.47	353.47	0 ANNUAL	EMRSS	5	
TMA	416328	5409993	0.02419	355	355	0 ANNUAL	EMRSS	5	
TMA	416328	5409793	0.0245	354	354	0 ANNUAL	EMRSS	5	
TMA	416328	5409593	0.02486	353	353	0 ANNUAL	EMRSS	5	
TMA	416328	5409393	0.02522	351.99	351.99	0 ANNUAL	EMRSS	5	
TMA	416328	5409193	0.02544	350	350	0 ANNUAL	EMRSS	5	
TMA	416328	5408993	0.0255	348.73	348.73	0 ANNUAL	EMRSS	5	
TMA	416328	5408793	0.02518	344	344	0 ANNUAL	EMRSS	5	
TMA	416328	5408593	0.02476	341	341	0 ANNUAL	EMRSS	5	
TMA	416328	5408393	0.02446	341	341	0 ANNUAL	EMRSS	5	
TMA	416328	5408193	0.02424	341	341	0 ANNUAL	EMRSS	5	
TMA	416128	5410993	0.02129	364.98	364.98	0 ANNUAL	EMRSS	5	
TMA	416128	5410793	0.02192	361.31	361.31	0 ANNUAL	EMRSS	5	
TMA	416128	5410593	0.02246	359	359	0 ANNUAL	EMRSS	5	
TMA	416128	5410393	0.02274	356	356	0 ANNUAL	EMRSS	5	
TMA	416128	5410193	0.02294	353	353	0 ANNUAL	EMRSS	5	
TMA	416128	5409993	0.02325	354	354	0 ANNUAL	EMRSS	5	
TMA	416128	5409793	0.02357	354	354	0 ANNUAL	EMRSS	5	
TMA	416128	5409593	0.02391	353	353	0 ANNUAL	EMRSS	5	
TMA	416128	5409393	0.02426	352	352	0 ANNUAL	EMRSS	5	
TMA	416128	5409193	0.02449	350	350	0 ANNUAL	EMRSS	5	
TMA	416128	5408993	0.02461	349	349	0 ANNUAL	EMRSS	5	
TMA	416128	5408793	0.02442	345.96	345.96	0 ANNUAL	EMRSS	5	
TMA	416128	5408593	0.02402	342.33	342.33	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	416128	5408393	0.02376	343	343	0 ANNUAL	EMRSS	5
TMA	416128	5408193	0.0235	343	343	0 ANNUAL	EMRSS	5
TMA	418928	5413193	0.03548	371.76	371.76	0 ANNUAL	EMRSS	5
TMA	418928	5413393	0.03681	369.38	369.38	0 ANNUAL	EMRSS	5
TMA	418928	5413593	0.03797	367.41	367.41	0 ANNUAL	EMRSS	5
TMA	418928	5413793	0.03818	372.61	372.61	0 ANNUAL	EMRSS	5
TMA	418928	5413993	0.03728	381	381	0 ANNUAL	EMRSS	5
TMA	418928	5414193	0.03728	379	379	0 ANNUAL	EMRSS	5
TMA	418928	5414393	0.03759	376	376	0 ANNUAL	EMRSS	5
TMA	418928	5414593	0.03739	379	379	0 ANNUAL	EMRSS	5
TMA	418928	5414793	0.03779	380	380	0 ANNUAL	EMRSS	5
TMA	418928	5414993	0.03864	378	378	0 ANNUAL	EMRSS	5
TMA	418928	5415193	0.03896	378	378	0 ANNUAL	EMRSS	5
TMA	418928	5415393	0.03866	380	380	0 ANNUAL	EMRSS	5
TMA	418928	5415593	0.03798	381.68	381.68	0 ANNUAL	EMRSS	5
TMA	418928	5415793	0.03729	380.27	380.27	0 ANNUAL	EMRSS	5
TMA	418928	5415993	0.03646	378.04	378.04	0 ANNUAL	EMRSS	5
TMA	418928	5416193	0.03579	373.71	373.71	0 ANNUAL	EMRSS	5
TMA	418928	5416393	0.03517	370.1	370.1	0 ANNUAL	EMRSS	5
TMA	418928	5416593	0.0344	370	370	0 ANNUAL	EMRSS	5
TMA	418928	5416793	0.03391	369	369	0 ANNUAL	EMRSS	5
TMA	418928	5416993	0.03355	368.14	368.14	0 ANNUAL	EMRSS	5
TMA	418928	5417193	0.03318	368.37	368.37	0 ANNUAL	EMRSS	5
TMA	418928	5417393	0.03276	370	370	0 ANNUAL	EMRSS	5
TMA	418928	5417593	0.03247	370	370	0 ANNUAL	EMRSS	5
TMA	418928	5417793	0.03216	370	370	0 ANNUAL	EMRSS	5
TMA	418928	5417993	0.0321	366.1	366.1	0 ANNUAL	EMRSS	5
TMA	418928	5418193	0.03167	368	368	0 ANNUAL	EMRSS	5
TMA	418928	5418393	0.03145	366.65	366.65	0 ANNUAL	EMRSS	5
TMA	418928	5418593	0.03157	361.17	361.17	0 ANNUAL	EMRSS	5
TMA	418928	5418793	0.03126	361	361	0 ANNUAL	EMRSS	5
TMA	418928	5418993	0.03092	361	361	0 ANNUAL	EMRSS	5
TMA	418928	5419193	0.03042	362.73	362.73	0 ANNUAL	EMRSS	5
TMA	418728	5413593	0.03546	370	370	0 ANNUAL	EMRSS	5
TMA	418728	5413793	0.03586	375.05	375.05	0 ANNUAL	EMRSS	5
TMA	418728	5413993	0.03608	375.91	375.91	0 ANNUAL	EMRSS	5
TMA	418728	5414193	0.03631	372.18	372.18	0 ANNUAL	EMRSS	5
TMA	418728	5414393	0.03614	372.2	372.2	0 ANNUAL	EMRSS	5
TMA	418728	5414593	0.03585	375	375	0 ANNUAL	EMRSS	5
TMA	418728	5414793	0.03619	375	375	0 ANNUAL	EMRSS	5
TMA	418728	5414993	0.03635	378.01	378.01	0 ANNUAL	EMRSS	5
TMA	418728	5415193	0.03671	379	379	0 ANNUAL	EMRSS	5
TMA	418728	5415393	0.03703	378.19	378.19	0 ANNUAL	EMRSS	5
TMA	418728	5415593	0.0371	375.93	375.93	0 ANNUAL	EMRSS	5
TMA	418728	5415793	0.03678	373	373	0 ANNUAL	EMRSS	5
TMA	418728	5415993	0.03602	372	372	0 ANNUAL	EMRSS	5
TMA	418728	5416193	0.03518	370	370	0 ANNUAL	EMRSS	5
TMA	418728	5416393	0.03428	369	369	0 ANNUAL	EMRSS	5
TMA	418728	5416593	0.0335	368	368	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	418728	5416793	0.03288	367	367	0 ANNUAL	EMRSS	5
TMA	418728	5416993	0.03234	367	367	0 ANNUAL	EMRSS	5
TMA	418728	5417193	0.03192	367	367	0 ANNUAL	EMRSS	5
TMA	418728	5417393	0.03155	367.6	367.6	0 ANNUAL	EMRSS	5
TMA	418728	5417593	0.03125	368	368	0 ANNUAL	EMRSS	5
TMA	418728	5417793	0.03104	366.88	366.88	0 ANNUAL	EMRSS	5
TMA	418728	5417993	0.031	363.2	363.2	0 ANNUAL	EMRSS	5
TMA	418728	5418193	0.03074	362.9	362.9	0 ANNUAL	EMRSS	5
TMA	418728	5418393	0.03063	361	361	0 ANNUAL	EMRSS	5
TMA	418728	5418593	0.03047	360	360	0 ANNUAL	EMRSS	5
TMA	418728	5418793	0.03018	360	360	0 ANNUAL	EMRSS	5
TMA	418728	5418993	0.02977	361	361	0 ANNUAL	EMRSS	5
TMA	418728	5419193	0.02946	361	361	0 ANNUAL	EMRSS	5
TMA	418528	5413593	0.03321	371	371	0 ANNUAL	EMRSS	5
TMA	418528	5413793	0.03411	371	371	0 ANNUAL	EMRSS	5
TMA	418528	5413993	0.03475	369	369	0 ANNUAL	EMRSS	5
TMA	418528	5414193	0.03473	370.62	370.62	0 ANNUAL	EMRSS	5
TMA	418528	5414393	0.0341	375.56	375.56	0 ANNUAL	EMRSS	5
TMA	418528	5414593	0.03368	377.75	377.75	0 ANNUAL	EMRSS	5
TMA	418528	5414793	0.03352	380	380	0 ANNUAL	EMRSS	5
TMA	418528	5414993	0.03396	380	380	0 ANNUAL	EMRSS	5
TMA	418528	5415193	0.03451	380	380	0 ANNUAL	EMRSS	5
TMA	418528	5415393	0.03493	380	380	0 ANNUAL	EMRSS	5
TMA	418528	5415593	0.03507	380	380	0 ANNUAL	EMRSS	5
TMA	418528	5415793	0.03503	378.3	378.3	0 ANNUAL	EMRSS	5
TMA	418528	5415993	0.03476	374.67	374.67	0 ANNUAL	EMRSS	5
TMA	418528	5416193	0.03424	370	370	0 ANNUAL	EMRSS	5
TMA	418528	5416393	0.03339	369	369	0 ANNUAL	EMRSS	5
TMA	418528	5416593	0.03258	367.76	367.76	0 ANNUAL	EMRSS	5
TMA	418528	5416793	0.03194	366	366	0 ANNUAL	EMRSS	5
TMA	418528	5416993	0.03139	365	365	0 ANNUAL	EMRSS	5
TMA	418528	5417193	0.03089	365	365	0 ANNUAL	EMRSS	5
TMA	418528	5417393	0.0305	365	365	0 ANNUAL	EMRSS	5
TMA	418528	5417593	0.03019	365	365	0 ANNUAL	EMRSS	5
TMA	418528	5417793	0.02991	364.97	364.97	0 ANNUAL	EMRSS	5
TMA	418528	5417993	0.02979	363	363	0 ANNUAL	EMRSS	5
TMA	418528	5418193	0.02983	360	360	0 ANNUAL	EMRSS	5
TMA	418528	5418393	0.02956	360	360	0 ANNUAL	EMRSS	5
TMA	418528	5418593	0.02937	359	359	0 ANNUAL	EMRSS	5
TMA	418528	5418793	0.02903	360	360	0 ANNUAL	EMRSS	5
TMA	418528	5418993	0.02876	360	360	0 ANNUAL	EMRSS	5
TMA	418528	5419193	0.02849	360	360	0 ANNUAL	EMRSS	5
TMA	418328	5413593	0.03129	370	370	0 ANNUAL	EMRSS	5
TMA	418328	5413793	0.03233	367.98	367.98	0 ANNUAL	EMRSS	5
TMA	418328	5413993	0.03288	369.86	369.86	0 ANNUAL	EMRSS	5
TMA	418328	5414193	0.03294	373.04	373.04	0 ANNUAL	EMRSS	5
TMA	418328	5414393	0.03217	380	380	0 ANNUAL	EMRSS	5
TMA	418328	5414593	0.03207	378.35	378.35	0 ANNUAL	EMRSS	5
TMA	418328	5414793	0.03217	377	377	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source	Gr Num	Year	Net ID
TMA	418328	5414993	0.03242	377	377	0 ANNUAL	EMRSS	5	
TMA	418328	5415193	0.03277	378	378	0 ANNUAL	EMRSS	5	
TMA	418328	5415393	0.03304	380	380	0 ANNUAL	EMRSS	5	
TMA	418328	5415593	0.03338	380	380	0 ANNUAL	EMRSS	5	
TMA	418328	5415793	0.03343	380	380	0 ANNUAL	EMRSS	5	
TMA	418328	5415993	0.03342	377	377	0 ANNUAL	EMRSS	5	
TMA	418328	5416193	0.03309	373.16	373.16	0 ANNUAL	EMRSS	5	
TMA	418328	5416393	0.03248	370	370	0 ANNUAL	EMRSS	5	
TMA	418328	5416593	0.03175	367.89	367.89	0 ANNUAL	EMRSS	5	
TMA	418328	5416793	0.03114	365	365	0 ANNUAL	EMRSS	5	
TMA	418328	5416993	0.03052	364	364	0 ANNUAL	EMRSS	5	
TMA	418328	5417193	0.03004	363	363	0 ANNUAL	EMRSS	5	
TMA	418328	5417393	0.02957	363	363	0 ANNUAL	EMRSS	5	
TMA	418328	5417593	0.02922	362.8	362.8	0 ANNUAL	EMRSS	5	
TMA	418328	5417793	0.02899	362	362	0 ANNUAL	EMRSS	5	
TMA	418328	5417993	0.02872	361.94	361.94	0 ANNUAL	EMRSS	5	
TMA	418328	5418193	0.02856	361	361	0 ANNUAL	EMRSS	5	
TMA	418328	5418393	0.02843	360	360	0 ANNUAL	EMRSS	5	
TMA	418328	5418593	0.02826	359	359	0 ANNUAL	EMRSS	5	
TMA	418328	5418793	0.02801	359	359	0 ANNUAL	EMRSS	5	
TMA	418328	5418993	0.02773	359.74	359.74	0 ANNUAL	EMRSS	5	
TMA	418328	5419193	0.02724	362.09	362.09	0 ANNUAL	EMRSS	5	
TMA	418128	5413593	0.02978	366	366	0 ANNUAL	EMRSS	5	
TMA	418128	5413793	0.03058	366.1	366.1	0 ANNUAL	EMRSS	5	
TMA	418128	5413993	0.03116	369	369	0 ANNUAL	EMRSS	5	
TMA	418128	5414193	0.03149	371	371	0 ANNUAL	EMRSS	5	
TMA	418128	5414393	0.03141	373	373	0 ANNUAL	EMRSS	5	
TMA	418128	5414593	0.03108	374.6	374.6	0 ANNUAL	EMRSS	5	
TMA	418128	5414793	0.03055	378.04	378.04	0 ANNUAL	EMRSS	5	
TMA	418128	5414993	0.03038	380	380	0 ANNUAL	EMRSS	5	
TMA	418128	5415193	0.03083	379	379	0 ANNUAL	EMRSS	5	
TMA	418128	5415393	0.03121	380	380	0 ANNUAL	EMRSS	5	
TMA	418128	5415593	0.03156	381	381	0 ANNUAL	EMRSS	5	
TMA	418128	5415793	0.03191	380	380	0 ANNUAL	EMRSS	5	
TMA	418128	5415993	0.03221	376	376	0 ANNUAL	EMRSS	5	
TMA	418128	5416193	0.03209	372.29	372.29	0 ANNUAL	EMRSS	5	
TMA	418128	5416393	0.03161	370	370	0 ANNUAL	EMRSS	5	
TMA	418128	5416593	0.03101	367.02	367.02	0 ANNUAL	EMRSS	5	
TMA	418128	5416793	0.03042	364	364	0 ANNUAL	EMRSS	5	
TMA	418128	5416993	0.02986	362	362	0 ANNUAL	EMRSS	5	
TMA	418128	5417193	0.02923	362	362	0 ANNUAL	EMRSS	5	
TMA	418128	5417393	0.0286	363	363	0 ANNUAL	EMRSS	5	
TMA	418128	5417593	0.02828	362	362	0 ANNUAL	EMRSS	5	
TMA	418128	5417793	0.02818	360	360	0 ANNUAL	EMRSS	5	
TMA	418128	5417993	0.02791	359.79	359.79	0 ANNUAL	EMRSS	5	
TMA	418128	5418193	0.02767	359.6	359.6	0 ANNUAL	EMRSS	5	
TMA	418128	5418393	0.02737	360	360	0 ANNUAL	EMRSS	5	
TMA	418128	5418593	0.02714	360	360	0 ANNUAL	EMRSS	5	
TMA	418128	5418793	0.02691	359.96	359.96	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr Num	Year	Net ID
TMA	418128	5418993	0.02675	359.34	359.34	0 ANNUAL	EMRSS	5
TMA	418128	5419193	0.02645	360	360	0 ANNUAL	EMRSS	5
TMA	417928	5411193	0.02985	350	350	0 ANNUAL	EMRSS	5
TMA	417928	5411393	0.02932	352.36	352.36	0 ANNUAL	EMRSS	5
TMA	417928	5411593	0.02893	357	357	0 ANNUAL	EMRSS	5
TMA	417928	5411793	0.02827	360.88	360.88	0 ANNUAL	EMRSS	5
TMA	417928	5411993	0.02769	363	363	0 ANNUAL	EMRSS	5
TMA	417928	5412193	0.02718	367.65	367.65	0 ANNUAL	EMRSS	5
TMA	417928	5412393	0.02704	370	370	0 ANNUAL	EMRSS	5
TMA	417928	5412593	0.0271	370	370	0 ANNUAL	EMRSS	5
TMA	417928	5412793	0.02723	368.14	368.14	0 ANNUAL	EMRSS	5
TMA	417928	5412993	0.02747	364	364	0 ANNUAL	EMRSS	5
TMA	417928	5413193	0.0277	362	362	0 ANNUAL	EMRSS	5
TMA	417928	5413393	0.02787	363	363	0 ANNUAL	EMRSS	5
TMA	417928	5413593	0.02827	364.34	364.34	0 ANNUAL	EMRSS	5
TMA	417928	5413793	0.02886	366	366	0 ANNUAL	EMRSS	5
TMA	417928	5413993	0.0295	368.34	368.34	0 ANNUAL	EMRSS	5
TMA	417928	5414193	0.02999	370	370	0 ANNUAL	EMRSS	5
TMA	417928	5414393	0.02999	374	374	0 ANNUAL	EMRSS	5
TMA	417928	5414593	0.0295	378.51	378.51	0 ANNUAL	EMRSS	5
TMA	417928	5414793	0.02907	380.03	380.03	0 ANNUAL	EMRSS	5
TMA	417928	5414993	0.02883	381	381	0 ANNUAL	EMRSS	5
TMA	417928	5415193	0.0291	380	380	0 ANNUAL	EMRSS	5
TMA	417928	5415393	0.0295	380	380	0 ANNUAL	EMRSS	5
TMA	417928	5415593	0.03007	379.01	379.01	0 ANNUAL	EMRSS	5
TMA	417928	5415793	0.03053	378	378	0 ANNUAL	EMRSS	5
TMA	417928	5415993	0.03084	376	376	0 ANNUAL	EMRSS	5
TMA	417928	5416193	0.03091	373	373	0 ANNUAL	EMRSS	5
TMA	417928	5416393	0.03063	370.83	370.83	0 ANNUAL	EMRSS	5
TMA	417928	5416593	0.03024	366.14	366.14	0 ANNUAL	EMRSS	5
TMA	417928	5416793	0.0299	360.51	360.51	0 ANNUAL	EMRSS	5
TMA	417928	5416993	0.0293	360	360	0 ANNUAL	EMRSS	5
TMA	417928	5417193	0.02836	362.89	362.89	0 ANNUAL	EMRSS	5
TMA	417928	5417393	0.02746	366.73	366.73	0 ANNUAL	EMRSS	5
TMA	417928	5417593	0.02711	364.97	364.97	0 ANNUAL	EMRSS	5
TMA	417928	5417793	0.02723	360	360	0 ANNUAL	EMRSS	5
TMA	417928	5417993	0.02696	358	358	0 ANNUAL	EMRSS	5
TMA	417928	5418193	0.02668	358	358	0 ANNUAL	EMRSS	5
TMA	417928	5418393	0.02643	358	358	0 ANNUAL	EMRSS	5
TMA	417928	5418593	0.02618	357	357	0 ANNUAL	EMRSS	5
TMA	417928	5418793	0.02599	358	358	0 ANNUAL	EMRSS	5
TMA	417928	5418993	0.02579	359	359	0 ANNUAL	EMRSS	5
TMA	417928	5419193	0.02551	360.05	360.05	0 ANNUAL	EMRSS	5
TMA	417728	5411193	0.02862	350.67	350.67	0 ANNUAL	EMRSS	5
TMA	417728	5411393	0.0282	355	355	0 ANNUAL	EMRSS	5
TMA	417728	5411593	0.02774	358	358	0 ANNUAL	EMRSS	5
TMA	417728	5411793	0.02665	364.92	368	0 ANNUAL	EMRSS	5
TMA	417728	5411993	0.02583	370.95	370.95	0 ANNUAL	EMRSS	5
TMA	417728	5412193	0.02574	371	371	0 ANNUAL	EMRSS	5



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr Num	Year	Net ID
TMA	417728	5412393	0.02584	370	370	0 ANNUAL	EMRSS	5
TMA	417728	5412593	0.02597	368.99	368.99	0 ANNUAL	EMRSS	5
TMA	417728	5412793	0.02604	368.26	368.26	0 ANNUAL	EMRSS	5
TMA	417728	5412993	0.02608	367.08	367.08	0 ANNUAL	EMRSS	5
TMA	417728	5413193	0.02652	361	361	0 ANNUAL	EMRSS	5
TMA	417728	5413393	0.02651	363	363	0 ANNUAL	EMRSS	5
TMA	417728	5413593	0.02681	364	364	0 ANNUAL	EMRSS	5
TMA	417728	5413793	0.02735	365	365	0 ANNUAL	EMRSS	5
TMA	417728	5413993	0.02795	367	367	0 ANNUAL	EMRSS	5
TMA	417728	5414193	0.0285	369.12	369.12	0 ANNUAL	EMRSS	5
TMA	417728	5414393	0.02866	373.75	373.75	0 ANNUAL	EMRSS	5
TMA	417728	5414593	0.02832	379	379	0 ANNUAL	EMRSS	5
TMA	417728	5414793	0.02788	381	381	0 ANNUAL	EMRSS	5
TMA	417728	5414993	0.02762	381	381	0 ANNUAL	EMRSS	5
TMA	417728	5415193	0.0277	380	380	0 ANNUAL	EMRSS	5
TMA	417728	5415393	0.02824	377	377	0 ANNUAL	EMRSS	5
TMA	417728	5415593	0.02878	375.41	375.41	0 ANNUAL	EMRSS	5
TMA	417728	5415793	0.02923	374.72	374.72	0 ANNUAL	EMRSS	5
TMA	417728	5415993	0.02958	373.61	373.61	0 ANNUAL	EMRSS	5
TMA	417728	5416193	0.02974	371.69	371.69	0 ANNUAL	EMRSS	5
TMA	417728	5416393	0.02967	369.13	369.13	0 ANNUAL	EMRSS	5
TMA	417728	5416593	0.02945	364	364	0 ANNUAL	EMRSS	5
TMA	417728	5416793	0.02914	360	360	0 ANNUAL	EMRSS	5
TMA	417728	5416993	0.02837	362	362	0 ANNUAL	EMRSS	5
TMA	417728	5417193	0.02743	366.63	366.63	0 ANNUAL	EMRSS	5
TMA	417728	5417393	0.02656	370	370	0 ANNUAL	EMRSS	5
TMA	417728	5417593	0.02649	363.08	363.08	0 ANNUAL	EMRSS	5
TMA	417728	5417793	0.02645	358	358	0 ANNUAL	EMRSS	5
TMA	417728	5417993	0.02606	357	357	0 ANNUAL	EMRSS	5
TMA	417728	5418193	0.02575	357	357	0 ANNUAL	EMRSS	5
TMA	417728	5418393	0.02547	356.12	356.12	0 ANNUAL	EMRSS	5
TMA	417728	5418593	0.02524	356	356	0 ANNUAL	EMRSS	5
TMA	417728	5418793	0.02505	357	357	0 ANNUAL	EMRSS	5
TMA	417728	5418993	0.02482	360	360	0 ANNUAL	EMRSS	5
TMA	417728	5419193	0.02462	360	360	0 ANNUAL	EMRSS	5
TMA	417528	5411193	0.02745	350.96	350.96	0 ANNUAL	EMRSS	5
TMA	417528	5411393	0.02714	358.01	358.01	0 ANNUAL	EMRSS	5
TMA	417528	5411593	0.02615	363.74	363.74	0 ANNUAL	EMRSS	5
TMA	417528	5411793	0.02499	372	372	0 ANNUAL	EMRSS	5
TMA	417528	5411993	0.02475	370.99	370.99	0 ANNUAL	EMRSS	5
TMA	417528	5412193	0.02478	369.04	369.04	0 ANNUAL	EMRSS	5
TMA	417528	5412393	0.02473	370	370	0 ANNUAL	EMRSS	5
TMA	417528	5412593	0.0249	368.09	368.09	0 ANNUAL	EMRSS	5
TMA	417528	5412793	0.02487	369.26	369.26	0 ANNUAL	EMRSS	5
TMA	417528	5412993	0.02471	372	372	0 ANNUAL	EMRSS	5
TMA	417528	5413193	0.02546	360	360	0 ANNUAL	EMRSS	5
TMA	417528	5413393	0.02541	361.45	361.45	0 ANNUAL	EMRSS	5
TMA	417528	5413593	0.02556	363	363	0 ANNUAL	EMRSS	5
TMA	417528	5413793	0.0259	365	365	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr Num	Year	Net ID
TMA	417528	5413993	0.02649	366.22	366.22	0 ANNUAL	EMRSS	5
TMA	417528	5414193	0.02708	368	368	0 ANNUAL	EMRSS	5
TMA	417528	5414393	0.02749	370	370	0 ANNUAL	EMRSS	5
TMA	417528	5414593	0.02748	374.26	374.26	0 ANNUAL	EMRSS	5
TMA	417528	5414793	0.02711	377.96	377.96	0 ANNUAL	EMRSS	5
TMA	417528	5414993	0.02666	380	380	0 ANNUAL	EMRSS	5
TMA	417528	5415193	0.02651	379.84	379.84	0 ANNUAL	EMRSS	5
TMA	417528	5415393	0.02686	377	377	0 ANNUAL	EMRSS	5
TMA	417528	5415593	0.0274	374	374	0 ANNUAL	EMRSS	5
TMA	417528	5415793	0.02792	371.94	371.94	0 ANNUAL	EMRSS	5
TMA	417528	5415993	0.02836	370	370	0 ANNUAL	EMRSS	5
TMA	417528	5416193	0.02859	369	369	0 ANNUAL	EMRSS	5
TMA	417528	5416393	0.02871	365.03	365.03	0 ANNUAL	EMRSS	5
TMA	417528	5416593	0.02864	361	361	0 ANNUAL	EMRSS	5
TMA	417528	5416793	0.02823	361.24	361.24	0 ANNUAL	EMRSS	5
TMA	417528	5416993	0.0274	368.53	368.53	0 ANNUAL	EMRSS	5
TMA	417528	5417193	0.02684	366.5	366.5	0 ANNUAL	EMRSS	5
TMA	417528	5417393	0.02655	361.07	361.07	0 ANNUAL	EMRSS	5
TMA	417528	5417593	0.02618	358	358	0 ANNUAL	EMRSS	5
TMA	417528	5417793	0.02568	357	357	0 ANNUAL	EMRSS	5
TMA	417528	5417993	0.02525	356	356	0 ANNUAL	EMRSS	5
TMA	417528	5418193	0.0249	356	356	0 ANNUAL	EMRSS	5
TMA	417528	5418393	0.0246	355	355	0 ANNUAL	EMRSS	5
TMA	417528	5418593	0.02436	355	355	0 ANNUAL	EMRSS	5
TMA	417528	5418793	0.02415	355	355	0 ANNUAL	EMRSS	5
TMA	417528	5418993	0.02401	358	358	0 ANNUAL	EMRSS	5
TMA	417528	5419193	0.02369	360.85	360.85	0 ANNUAL	EMRSS	5
TMA	417328	5411193	0.02631	350.35	350.35	0 ANNUAL	EMRSS	5
TMA	417328	5411393	0.02598	355.98	355.98	0 ANNUAL	EMRSS	5
TMA	417328	5411593	0.02496	365.62	365.62	0 ANNUAL	EMRSS	5
TMA	417328	5411793	0.02412	370.42	370.42	0 ANNUAL	EMRSS	5
TMA	417328	5411993	0.02401	367.31	367.31	0 ANNUAL	EMRSS	5
TMA	417328	5412193	0.0241	364.03	364.03	0 ANNUAL	EMRSS	5
TMA	417328	5412393	0.02381	368	368	0 ANNUAL	EMRSS	5
TMA	417328	5412593	0.02411	363.72	363.72	0 ANNUAL	EMRSS	5
TMA	417328	5412793	0.02395	367.13	367.13	0 ANNUAL	EMRSS	5
TMA	417328	5412993	0.02391	367.96	367.96	0 ANNUAL	EMRSS	5
TMA	417328	5413193	0.02438	360	360	0 ANNUAL	EMRSS	5
TMA	417328	5413393	0.02441	360.28	360.28	0 ANNUAL	EMRSS	5
TMA	417328	5413593	0.02432	363.32	363.32	0 ANNUAL	EMRSS	5
TMA	417328	5413793	0.02443	367.31	367.31	0 ANNUAL	EMRSS	5
TMA	417328	5413993	0.02487	370	370	0 ANNUAL	EMRSS	5
TMA	417328	5414193	0.02554	370.92	370.92	0 ANNUAL	EMRSS	5
TMA	417328	5414393	0.02613	371	371	0 ANNUAL	EMRSS	5
TMA	417328	5414593	0.02638	373	373	0 ANNUAL	EMRSS	5
TMA	417328	5414793	0.02624	375.88	375.88	0 ANNUAL	EMRSS	5
TMA	417328	5414993	0.02594	377	377	0 ANNUAL	EMRSS	5
TMA	417328	5415193	0.02579	375.97	375.97	0 ANNUAL	EMRSS	5
TMA	417328	5415393	0.02596	373	373	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	417328	5415593	0.02627	371	371	0 ANNUAL	EMRSS	5	
TMA	417328	5415793	0.02665	370	370	0 ANNUAL	EMRSS	5	
TMA	417328	5415993	0.02709	368	368	0 ANNUAL	EMRSS	5	
TMA	417328	5416193	0.02743	366.12	366.12	0 ANNUAL	EMRSS	5	
TMA	417328	5416393	0.02765	363.16	363.16	0 ANNUAL	EMRSS	5	
TMA	417328	5416593	0.02765	361	361	0 ANNUAL	EMRSS	5	
TMA	417328	5416793	0.02733	362.06	362.06	0 ANNUAL	EMRSS	5	
TMA	417328	5416993	0.02681	365.53	365.53	0 ANNUAL	EMRSS	5	
TMA	417328	5417193	0.02648	361.11	361.11	0 ANNUAL	EMRSS	5	
TMA	417328	5417393	0.02607	358	358	0 ANNUAL	EMRSS	5	
TMA	417328	5417593	0.02551	357	357	0 ANNUAL	EMRSS	5	
TMA	417328	5417793	0.02499	356	356	0 ANNUAL	EMRSS	5	
TMA	417328	5417993	0.02455	356	356	0 ANNUAL	EMRSS	5	
TMA	417328	5418193	0.02417	356	356	0 ANNUAL	EMRSS	5	
TMA	417328	5418393	0.02386	356	356	0 ANNUAL	EMRSS	5	
TMA	417328	5418593	0.02357	355.03	355.03	0 ANNUAL	EMRSS	5	
TMA	417328	5418793	0.02333	354	354	0 ANNUAL	EMRSS	5	
TMA	417328	5418993	0.02316	360	360	0 ANNUAL	EMRSS	5	
TMA	417328	5419193	0.02272	363.72	363.72	0 ANNUAL	EMRSS	5	
TMA	417128	5411193	0.02547	355.22	355.22	0 ANNUAL	EMRSS	5	
TMA	417128	5411393	0.02488	360.89	360.89	0 ANNUAL	EMRSS	5	
TMA	417128	5411593	0.02404	365	365	0 ANNUAL	EMRSS	5	
TMA	417128	5411793	0.02374	362.92	362.92	0 ANNUAL	EMRSS	5	
TMA	417128	5411993	0.02371	360	360	0 ANNUAL	EMRSS	5	
TMA	417128	5412193	0.02321	362.97	362.97	0 ANNUAL	EMRSS	5	
TMA	417128	5412393	0.02315	363	363	0 ANNUAL	EMRSS	5	
TMA	417128	5412593	0.02339	360.19	360.19	0 ANNUAL	EMRSS	5	
TMA	417128	5412793	0.02345	359.75	359.75	0 ANNUAL	EMRSS	5	
TMA	417128	5412993	0.02346	359.15	359.15	0 ANNUAL	EMRSS	5	
TMA	417128	5413193	0.02344	359.43	359.43	0 ANNUAL	EMRSS	5	
TMA	417128	5413393	0.02321	362.2	362.2	0 ANNUAL	EMRSS	5	
TMA	417128	5413593	0.02306	365.9	365.9	0 ANNUAL	EMRSS	5	
TMA	417128	5413793	0.02315	369	369	0 ANNUAL	EMRSS	5	
TMA	417128	5413993	0.02321	375.91	375.91	0 ANNUAL	EMRSS	5	
TMA	417128	5414193	0.02364	380	380	0 ANNUAL	EMRSS	5	
TMA	417128	5414393	0.02455	377.2	377.2	0 ANNUAL	EMRSS	5	
TMA	417128	5414593	0.02509	376	376	0 ANNUAL	EMRSS	5	
TMA	417128	5414793	0.02528	375	375	0 ANNUAL	EMRSS	5	
TMA	417128	5414993	0.0252	374	374	0 ANNUAL	EMRSS	5	
TMA	417128	5415193	0.0251	372	372	0 ANNUAL	EMRSS	5	
TMA	417128	5415393	0.0251	370	370	0 ANNUAL	EMRSS	5	
TMA	417128	5415593	0.02522	368.94	368.94	0 ANNUAL	EMRSS	5	
TMA	417128	5415793	0.02556	367	367	0 ANNUAL	EMRSS	5	
TMA	417128	5415993	0.02596	365	365	0 ANNUAL	EMRSS	5	
TMA	417128	5416193	0.02634	363	363	0 ANNUAL	EMRSS	5	
TMA	417128	5416393	0.02661	361	361	0 ANNUAL	EMRSS	5	
TMA	417128	5416593	0.02659	361.66	361.66	0 ANNUAL	EMRSS	5	
TMA	417128	5416793	0.02659	359.46	359.46	0 ANNUAL	EMRSS	5	
TMA	417128	5416993	0.02632	359.27	359.27	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	417128	5417193	0.02592	358.77	358.77	0 ANNUAL	EMRSS	5	
TMA	417128	5417393	0.02542	357.12	357.12	0 ANNUAL	EMRSS	5	
TMA	417128	5417593	0.02492	357	357	0 ANNUAL	EMRSS	5	
TMA	417128	5417793	0.02442	357	357	0 ANNUAL	EMRSS	5	
TMA	417128	5417993	0.02395	357	357	0 ANNUAL	EMRSS	5	
TMA	417128	5418193	0.02354	357	357	0 ANNUAL	EMRSS	5	
TMA	417128	5418393	0.02321	358	358	0 ANNUAL	EMRSS	5	
TMA	417128	5418593	0.02291	358	358	0 ANNUAL	EMRSS	5	
TMA	417128	5418793	0.0226	354.68	354.68	0 ANNUAL	EMRSS	5	
TMA	417128	5418993	0.02241	360	360	0 ANNUAL	EMRSS	5	
TMA	417128	5419193	0.02213	361	361	0 ANNUAL	EMRSS	5	
TMA	416928	5411193	0.02451	355.85	355.85	0 ANNUAL	EMRSS	5	
TMA	416928	5411393	0.02406	357.64	357.64	0 ANNUAL	EMRSS	5	
TMA	416928	5411593	0.02362	358.44	358.44	0 ANNUAL	EMRSS	5	
TMA	416928	5411793	0.02319	358.25	358.25	0 ANNUAL	EMRSS	5	
TMA	416928	5411993	0.0228	360	360	0 ANNUAL	EMRSS	5	
TMA	416928	5412193	0.02266	358.63	358.63	0 ANNUAL	EMRSS	5	
TMA	416928	5412393	0.0225	356.3	356.3	0 ANNUAL	EMRSS	5	
TMA	416928	5412593	0.02228	362.28	362.28	0 ANNUAL	EMRSS	5	
TMA	416928	5412793	0.02221	363.95	363.95	0 ANNUAL	EMRSS	5	
TMA	416928	5412993	0.02239	361.2	361.2	0 ANNUAL	EMRSS	5	
TMA	416928	5413193	0.02238	361	361	0 ANNUAL	EMRSS	5	
TMA	416928	5413393	0.02211	365.02	365.02	0 ANNUAL	EMRSS	5	
TMA	416928	5413593	0.02188	370	370	0 ANNUAL	EMRSS	5	
TMA	416928	5413793	0.02179	374.04	374.04	0 ANNUAL	EMRSS	5	
TMA	416928	5413993	0.02169	381	381	0 ANNUAL	EMRSS	5	
TMA	416928	5414193	0.02204	384.64	384.64	0 ANNUAL	EMRSS	5	
TMA	416928	5414393	0.02298	382.22	382.22	0 ANNUAL	EMRSS	5	
TMA	416928	5414593	0.02377	379.55	379.55	0 ANNUAL	EMRSS	5	
TMA	416928	5414793	0.0242	376.84	376.84	0 ANNUAL	EMRSS	5	
TMA	416928	5414993	0.02435	372.86	372.86	0 ANNUAL	EMRSS	5	
TMA	416928	5415193	0.02431	370	370	0 ANNUAL	EMRSS	5	
TMA	416928	5415393	0.02423	368.59	368.59	0 ANNUAL	EMRSS	5	
TMA	416928	5415593	0.02429	367	367	0 ANNUAL	EMRSS	5	
TMA	416928	5415793	0.02453	365	365	0 ANNUAL	EMRSS	5	
TMA	416928	5415993	0.02488	363.11	363.11	0 ANNUAL	EMRSS	5	
TMA	416928	5416193	0.02521	361.96	361.96	0 ANNUAL	EMRSS	5	
TMA	416928	5416393	0.02556	360	360	0 ANNUAL	EMRSS	5	
TMA	416928	5416593	0.0257	359	359	0 ANNUAL	EMRSS	5	
TMA	416928	5416793	0.02567	359	359	0 ANNUAL	EMRSS	5	
TMA	416928	5416993	0.02548	358	358	0 ANNUAL	EMRSS	5	
TMA	416928	5417193	0.02519	358	358	0 ANNUAL	EMRSS	5	
TMA	416928	5417393	0.02479	357.16	357.16	0 ANNUAL	EMRSS	5	
TMA	416928	5417593	0.02437	358.41	358.41	0 ANNUAL	EMRSS	5	
TMA	416928	5417793	0.02389	358	358	0 ANNUAL	EMRSS	5	
TMA	416928	5417993	0.02342	358	358	0 ANNUAL	EMRSS	5	
TMA	416928	5418193	0.023	359	359	0 ANNUAL	EMRSS	5	
TMA	416928	5418393	0.02255	359.94	359.94	0 ANNUAL	EMRSS	5	
TMA	416928	5418593	0.02221	360	360	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	416928	5418793	0.02197	356.81	356.81	0 ANNUAL	EMRSS	5	
TMA	416928	5418993	0.02171	354.87	354.87	0 ANNUAL	EMRSS	5	
TMA	416928	5419193	0.02157	357.48	357.48	0 ANNUAL	EMRSS	5	
TMA	416728	5411193	0.02343	351	351	0 ANNUAL	EMRSS	5	
TMA	416728	5411393	0.02309	355.04	355.04	0 ANNUAL	EMRSS	5	
TMA	416728	5411593	0.02259	353	353	0 ANNUAL	EMRSS	5	
TMA	416728	5411793	0.02222	354	354	0 ANNUAL	EMRSS	5	
TMA	416728	5411993	0.02192	354.98	354.98	0 ANNUAL	EMRSS	5	
TMA	416728	5412193	0.02171	355.03	355.03	0 ANNUAL	EMRSS	5	
TMA	416728	5412393	0.0211	367.51	370	0 ANNUAL	EMRSS	5	
TMA	416728	5412593	0.02105	369	369	0 ANNUAL	EMRSS	5	
TMA	416728	5412793	0.02125	365.99	365.99	0 ANNUAL	EMRSS	5	
TMA	416728	5412993	0.0214	363.34	363.34	0 ANNUAL	EMRSS	5	
TMA	416728	5413193	0.0214	363	363	0 ANNUAL	EMRSS	5	
TMA	416728	5413393	0.02122	365.94	365.94	0 ANNUAL	EMRSS	5	
TMA	416728	5413593	0.02107	369	369	0 ANNUAL	EMRSS	5	
TMA	416728	5413793	0.02091	373.37	373.37	0 ANNUAL	EMRSS	5	
TMA	416728	5413993	0.02069	380.83	380.83	0 ANNUAL	EMRSS	5	
TMA	416728	5414193	0.02067	387.57	387.57	0 ANNUAL	EMRSS	5	
TMA	416728	5414393	0.02135	388	388	0 ANNUAL	EMRSS	5	
TMA	416728	5414593	0.02241	383.26	383.26	0 ANNUAL	EMRSS	5	
TMA	416728	5414793	0.02312	378.48	378.48	0 ANNUAL	EMRSS	5	
TMA	416728	5414993	0.02349	371.99	371.99	0 ANNUAL	EMRSS	5	
TMA	416728	5415193	0.0235	369	369	0 ANNUAL	EMRSS	5	
TMA	416728	5415393	0.02339	367.9	367.9	0 ANNUAL	EMRSS	5	
TMA	416728	5415593	0.0234	366	366	0 ANNUAL	EMRSS	5	
TMA	416728	5415793	0.02356	364	364	0 ANNUAL	EMRSS	5	
TMA	416728	5415993	0.02386	362	362	0 ANNUAL	EMRSS	5	
TMA	416728	5416193	0.02426	360.02	360.02	0 ANNUAL	EMRSS	5	
TMA	416728	5416393	0.02446	360	360	0 ANNUAL	EMRSS	5	
TMA	416728	5416593	0.02461	360	360	0 ANNUAL	EMRSS	5	
TMA	416728	5416793	0.02467	360	360	0 ANNUAL	EMRSS	5	
TMA	416728	5416993	0.02462	360	360	0 ANNUAL	EMRSS	5	
TMA	416728	5417193	0.02444	360	360	0 ANNUAL	EMRSS	5	
TMA	416728	5417393	0.02408	361	361	0 ANNUAL	EMRSS	5	
TMA	416728	5417593	0.02376	360	360	0 ANNUAL	EMRSS	5	
TMA	416728	5417793	0.02337	359	359	0 ANNUAL	EMRSS	5	
TMA	416728	5417993	0.02292	359	359	0 ANNUAL	EMRSS	5	
TMA	416728	5418193	0.02241	360	360	0 ANNUAL	EMRSS	5	
TMA	416728	5418393	0.022	360	360	0 ANNUAL	EMRSS	5	
TMA	416728	5418593	0.02171	359	359	0 ANNUAL	EMRSS	5	
TMA	416728	5418793	0.02133	355	355	0 ANNUAL	EMRSS	5	
TMA	416728	5418993	0.02104	353	353	0 ANNUAL	EMRSS	5	
TMA	416728	5419193	0.02084	353.31	353.31	0 ANNUAL	EMRSS	5	
TMA	416528	5411193	0.02233	366.33	366.33	0 ANNUAL	EMRSS	5	
TMA	416528	5411393	0.02197	364.28	364.28	0 ANNUAL	EMRSS	5	
TMA	416528	5411593	0.02188	359.9	359.9	0 ANNUAL	EMRSS	5	
TMA	416528	5411793	0.02143	354.24	354.24	0 ANNUAL	EMRSS	5	
TMA	416528	5411993	0.02117	356.49	356.49	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	416528	5412193	0.02082	361	361	0 ANNUAL	EMRSS	5
TMA	416528	5412393	0.02017	370	370	0 ANNUAL	EMRSS	5
TMA	416528	5412593	0.02025	369	369	0 ANNUAL	EMRSS	5
TMA	416528	5412793	0.02035	368	368	0 ANNUAL	EMRSS	5
TMA	416528	5412993	0.02049	365.46	365.46	0 ANNUAL	EMRSS	5
TMA	416528	5413193	0.02056	364	364	0 ANNUAL	EMRSS	5
TMA	416528	5413393	0.02044	366	366	0 ANNUAL	EMRSS	5
TMA	416528	5413593	0.02032	368	368	0 ANNUAL	EMRSS	5
TMA	416528	5413793	0.02	375.08	375.08	0 ANNUAL	EMRSS	5
TMA	416528	5413993	0.01946	385.64	385.64	0 ANNUAL	EMRSS	5
TMA	416528	5414193	0.01946	390	390	0 ANNUAL	EMRSS	5
TMA	416528	5414393	0.02025	388	388	0 ANNUAL	EMRSS	5
TMA	416528	5414593	0.02123	384.38	384.38	0 ANNUAL	EMRSS	5
TMA	416528	5414793	0.02211	378.5	378.5	0 ANNUAL	EMRSS	5
TMA	416528	5414993	0.02266	369	369	0 ANNUAL	EMRSS	5
TMA	416528	5415193	0.02271	368	368	0 ANNUAL	EMRSS	5
TMA	416528	5415393	0.02266	366	366	0 ANNUAL	EMRSS	5
TMA	416528	5415593	0.0226	365	365	0 ANNUAL	EMRSS	5
TMA	416528	5415793	0.02262	364	364	0 ANNUAL	EMRSS	5
TMA	416528	5415993	0.02285	362	362	0 ANNUAL	EMRSS	5
TMA	416528	5416193	0.02318	360.31	360.31	0 ANNUAL	EMRSS	5
TMA	416528	5416393	0.02341	360	360	0 ANNUAL	EMRSS	5
TMA	416528	5416593	0.02359	360	360	0 ANNUAL	EMRSS	5
TMA	416528	5416793	0.02364	361	361	0 ANNUAL	EMRSS	5
TMA	416528	5416993	0.02369	361	361	0 ANNUAL	EMRSS	5
TMA	416528	5417193	0.02361	361	361	0 ANNUAL	EMRSS	5
TMA	416528	5417393	0.02344	360.5	360.5	0 ANNUAL	EMRSS	5
TMA	416528	5417593	0.02317	360	360	0 ANNUAL	EMRSS	5
TMA	416528	5417793	0.02284	359	359	0 ANNUAL	EMRSS	5
TMA	416528	5417993	0.02238	360	360	0 ANNUAL	EMRSS	5
TMA	416528	5418193	0.02194	360	360	0 ANNUAL	EMRSS	5
TMA	416528	5418393	0.02142	361	361	0 ANNUAL	EMRSS	5
TMA	416528	5418593	0.0212	358.7	358.7	0 ANNUAL	EMRSS	5
TMA	416528	5418793	0.02081	355.78	355.78	0 ANNUAL	EMRSS	5
TMA	416528	5418993	0.02048	353	353	0 ANNUAL	EMRSS	5
TMA	416528	5419193	0.02024	353	353	0 ANNUAL	EMRSS	5
TMA	416328	5411193	0.02144	368.17	368.17	0 ANNUAL	EMRSS	5
TMA	416328	5411393	0.02138	361.26	361.26	0 ANNUAL	EMRSS	5
TMA	416328	5411593	0.02113	358.01	358.01	0 ANNUAL	EMRSS	5
TMA	416328	5411793	0.02076	358	358	0 ANNUAL	EMRSS	5
TMA	416328	5411993	0.02029	361	361	0 ANNUAL	EMRSS	5
TMA	416328	5412193	0.01984	364	364	0 ANNUAL	EMRSS	5
TMA	416328	5412393	0.01958	367	367	0 ANNUAL	EMRSS	5
TMA	416328	5412593	0.01949	369.11	369.11	0 ANNUAL	EMRSS	5
TMA	416328	5412793	0.01958	368.22	368.22	0 ANNUAL	EMRSS	5
TMA	416328	5412993	0.01971	366	366	0 ANNUAL	EMRSS	5
TMA	416328	5413193	0.01973	366.02	366.02	0 ANNUAL	EMRSS	5
TMA	416328	5413393	0.01965	367.39	367.39	0 ANNUAL	EMRSS	5
TMA	416328	5413593	0.01953	369.24	369.24	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	416328	5413793	0.01926	374.95	374.95	0 ANNUAL	EMRSS	5
TMA	416328	5413993	0.01893	381.93	381.93	0 ANNUAL	EMRSS	5
TMA	416328	5414193	0.01897	385	385	0 ANNUAL	EMRSS	5
TMA	416328	5414393	0.01954	384	384	0 ANNUAL	EMRSS	5
TMA	416328	5414593	0.02029	382.63	382.63	0 ANNUAL	EMRSS	5
TMA	416328	5414793	0.02132	372.81	372.81	0 ANNUAL	EMRSS	5
TMA	416328	5414993	0.02176	369	369	0 ANNUAL	EMRSS	5
TMA	416328	5415193	0.02191	367	367	0 ANNUAL	EMRSS	5
TMA	416328	5415393	0.02189	366	366	0 ANNUAL	EMRSS	5
TMA	416328	5415593	0.02181	365	365	0 ANNUAL	EMRSS	5
TMA	416328	5415793	0.02185	363	363	0 ANNUAL	EMRSS	5
TMA	416328	5415993	0.02194	362	362	0 ANNUAL	EMRSS	5
TMA	416328	5416193	0.02205	362	362	0 ANNUAL	EMRSS	5
TMA	416328	5416393	0.02226	361.61	361.61	0 ANNUAL	EMRSS	5
TMA	416328	5416593	0.02244	362	362	0 ANNUAL	EMRSS	5
TMA	416328	5416793	0.02258	363	363	0 ANNUAL	EMRSS	5
TMA	416328	5416993	0.02276	361.8	361.8	0 ANNUAL	EMRSS	5
TMA	416328	5417193	0.02286	360.19	360.19	0 ANNUAL	EMRSS	5
TMA	416328	5417393	0.0228	359	359	0 ANNUAL	EMRSS	5
TMA	416328	5417593	0.02256	360	360	0 ANNUAL	EMRSS	5
TMA	416328	5417793	0.0221	364.57	364.57	0 ANNUAL	EMRSS	5
TMA	416328	5417993	0.02164	367.07	367.07	0 ANNUAL	EMRSS	5
TMA	416328	5418193	0.02148	360.1	360.1	0 ANNUAL	EMRSS	5
TMA	416328	5418393	0.02113	359	359	0 ANNUAL	EMRSS	5
TMA	416328	5418593	0.02071	359.74	359.74	0 ANNUAL	EMRSS	5
TMA	416328	5418793	0.02022	361	361	0 ANNUAL	EMRSS	5
TMA	416328	5418993	0.02007	358.56	358.56	0 ANNUAL	EMRSS	5
TMA	416328	5419193	0.01976	356	356	0 ANNUAL	EMRSS	5
TMA	416128	5411193	0.0209	363.71	363.71	0 ANNUAL	EMRSS	5
TMA	416128	5411393	0.02073	360.24	360.24	0 ANNUAL	EMRSS	5
TMA	416128	5411593	0.02042	359	359	0 ANNUAL	EMRSS	5
TMA	416128	5411793	0.02007	359.09	359.09	0 ANNUAL	EMRSS	5
TMA	416128	5411993	0.01958	361.11	361.11	0 ANNUAL	EMRSS	5
TMA	416128	5412193	0.01902	366	366	0 ANNUAL	EMRSS	5
TMA	416128	5412393	0.01874	369.8	369.8	0 ANNUAL	EMRSS	5
TMA	416128	5412593	0.01874	370	370	0 ANNUAL	EMRSS	5
TMA	416128	5412793	0.01887	368	368	0 ANNUAL	EMRSS	5
TMA	416128	5412993	0.01892	368	368	0 ANNUAL	EMRSS	5
TMA	416128	5413193	0.0189	369.43	369.43	0 ANNUAL	EMRSS	5
TMA	416128	5413393	0.01887	370	370	0 ANNUAL	EMRSS	5
TMA	416128	5413593	0.01878	371.19	371.19	0 ANNUAL	EMRSS	5
TMA	416128	5413793	0.01846	377.82	377.82	0 ANNUAL	EMRSS	5
TMA	416128	5413993	0.01827	381	381	0 ANNUAL	EMRSS	5
TMA	416128	5414193	0.01845	380.55	380.55	0 ANNUAL	EMRSS	5
TMA	416128	5414393	0.01893	379	379	0 ANNUAL	EMRSS	5
TMA	416128	5414593	0.01964	376.1	376.1	0 ANNUAL	EMRSS	5
TMA	416128	5414793	0.02043	370.01	370.01	0 ANNUAL	EMRSS	5
TMA	416128	5414993	0.02088	368	368	0 ANNUAL	EMRSS	5
TMA	416128	5415193	0.02109	367.74	367.74	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	416128	5415393	0.02112	367	367	0 ANNUAL	EMRSS	5	
TMA	416128	5415593	0.02105	366	366	0 ANNUAL	EMRSS	5	
TMA	416128	5415793	0.02098	365	365	0 ANNUAL	EMRSS	5	
TMA	416128	5415993	0.02092	365	365	0 ANNUAL	EMRSS	5	
TMA	416128	5416193	0.02099	364.42	364.42	0 ANNUAL	EMRSS	5	
TMA	416128	5416393	0.02113	364.58	364.58	0 ANNUAL	EMRSS	5	
TMA	416128	5416593	0.02142	363.06	363.06	0 ANNUAL	EMRSS	5	
TMA	416128	5416793	0.02171	361.67	361.67	0 ANNUAL	EMRSS	5	
TMA	416128	5416993	0.02199	360	360	0 ANNUAL	EMRSS	5	
TMA	416128	5417193	0.0221	359	359	0 ANNUAL	EMRSS	5	
TMA	416128	5417393	0.02208	359.14	359.14	0 ANNUAL	EMRSS	5	
TMA	416128	5417593	0.02171	367.67	367.67	0 ANNUAL	EMRSS	5	
TMA	416128	5417793	0.02146	370	370	0 ANNUAL	EMRSS	5	
TMA	416128	5417993	0.02121	366	366	0 ANNUAL	EMRSS	5	
TMA	416128	5418193	0.02102	360.39	360.39	0 ANNUAL	EMRSS	5	
TMA	416128	5418393	0.02057	361.24	361.24	0 ANNUAL	EMRSS	5	
TMA	416128	5418593	0.02012	362	362	0 ANNUAL	EMRSS	5	
TMA	416128	5418793	0.01973	362	362	0 ANNUAL	EMRSS	5	
TMA	416128	5418993	0.01955	360	360	0 ANNUAL	EMRSS	5	
TMA	416128	5419193	0.01931	358.06	358.06	0 ANNUAL	EMRSS	5	
TMA	416128	5419693	0.01868	352	352	0 ANNUAL	EMRSS	5	
TMA	416128	5420193	0.01832	352	352	0 ANNUAL	EMRSS	5	
TMA	416128	5420693	0.01809	355.74	355.74	0 ANNUAL	EMRSS	5	
TMA	416128	5421193	0.01778	354.65	354.65	0 ANNUAL	EMRSS	5	
TMA	416628	5419693	0.02013	354	354	0 ANNUAL	EMRSS	5	
TMA	416628	5420193	0.01984	357.66	357.66	0 ANNUAL	EMRSS	5	
TMA	416628	5420693	0.01947	360	360	0 ANNUAL	EMRSS	5	
TMA	416628	5421193	0.01904	361	361	0 ANNUAL	EMRSS	5	
TMA	417128	5419693	0.02188	359	359	0 ANNUAL	EMRSS	5	
TMA	417128	5420193	0.02147	358	358	0 ANNUAL	EMRSS	5	
TMA	417128	5420693	0.02109	359	359	0 ANNUAL	EMRSS	5	
TMA	417128	5421193	0.02063	360	360	0 ANNUAL	EMRSS	5	
TMA	417628	5419693	0.02318	369.5	369.5	0 ANNUAL	EMRSS	5	
TMA	417628	5420193	0.02291	364.99	364.99	0 ANNUAL	EMRSS	5	
TMA	417628	5420693	0.02266	361.33	361.33	0 ANNUAL	EMRSS	5	
TMA	417628	5421193	0.02222	360	360	0 ANNUAL	EMRSS	5	
TMA	418128	5419693	0.02527	370	370	0 ANNUAL	EMRSS	5	
TMA	418128	5420193	0.02471	372	372	0 ANNUAL	EMRSS	5	
TMA	418128	5420693	0.0242	370	370	0 ANNUAL	EMRSS	5	
TMA	418128	5421193	0.02348	363.83	363.83	0 ANNUAL	EMRSS	5	
TMA	418628	5419693	0.0278	368.21	368.21	0 ANNUAL	EMRSS	5	
TMA	418628	5420193	0.02684	371	371	0 ANNUAL	EMRSS	5	
TMA	418628	5420693	0.02564	371	371	0 ANNUAL	EMRSS	5	
TMA	418628	5421193	0.02436	367.11	367.11	0 ANNUAL	EMRSS	5	
TMA	419128	5419693	0.03002	366.45	366.45	0 ANNUAL	EMRSS	5	
TMA	419128	5420193	0.02824	371	371	0 ANNUAL	EMRSS	5	
TMA	419128	5420693	0.02663	368.28	368.28	0 ANNUAL	EMRSS	5	
TMA	419128	5421193	0.0256	360.95	360.95	0 ANNUAL	EMRSS	5	
TMA	419628	5419693	0.0315	366	366	0 ANNUAL	EMRSS	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	419628	5420193	0.02939	368	368	0 ANNUAL	EMRSS	5
TMA	419628	5420693	0.02758	370	370	0 ANNUAL	EMRSS	5
TMA	419628	5421193	0.02719	359.49	359.49	0 ANNUAL	EMRSS	5
TMA	420128	5419693	0.0328	368	368	0 ANNUAL	EMRSS	5
TMA	420128	5420193	0.03099	369	369	0 ANNUAL	EMRSS	5
TMA	420128	5420693	0.02982	365.82	365.82	0 ANNUAL	EMRSS	5
TMA	420128	5421193	0.02875	362	362	0 ANNUAL	EMRSS	5
TMA	420628	5419693	0.0351	370.62	370.62	0 ANNUAL	EMRSS	5
TMA	420628	5420193	0.03355	369.51	369.51	0 ANNUAL	EMRSS	5
TMA	420628	5420693	0.03205	365	365	0 ANNUAL	EMRSS	5
TMA	420628	5421193	0.03045	361	361	0 ANNUAL	EMRSS	5
TMA	421128	5419693	0.03777	374	374	0 ANNUAL	EMRSS	5
TMA	421128	5420193	0.03585	363	363	0 ANNUAL	EMRSS	5
TMA	421128	5420693	0.03313	370	370	0 ANNUAL	EMRSS	5
TMA	421128	5421193	0.03143	360	360	0 ANNUAL	EMRSS	5
TMA	421628	5419693	0.03942	369.55	369.55	0 ANNUAL	EMRSS	5
TMA	421628	5420193	0.0365	367	367	0 ANNUAL	EMRSS	5
TMA	421628	5420693	0.03347	371	371	0 ANNUAL	EMRSS	5
TMA	421628	5421193	0.03176	361	361	0 ANNUAL	EMRSS	5
TMA	422128	5419693	0.04003	368.55	368.55	0 ANNUAL	EMRSS	5
TMA	422128	5420193	0.03729	363	363	0 ANNUAL	EMRSS	5
TMA	422128	5420693	0.03462	361.38	361.38	0 ANNUAL	EMRSS	5
TMA	422128	5421193	0.03238	357.99	357.99	0 ANNUAL	EMRSS	5
TMA	422628	5419693	0.04068	367.99	367.99	0 ANNUAL	EMRSS	5
TMA	422628	5420193	0.03728	370	370	0 ANNUAL	EMRSS	5
TMA	422628	5420693	0.03444	370.78	370.78	0 ANNUAL	EMRSS	5
TMA	422628	5421193	0.03212	369.35	369.35	0 ANNUAL	EMRSS	5
TMA	423128	5419693	0.04144	372.11	372.11	0 ANNUAL	EMRSS	5
TMA	423128	5420193	0.03811	374	374	0 ANNUAL	EMRSS	5
TMA	423128	5420693	0.03512	376.83	376.83	0 ANNUAL	EMRSS	5
TMA	423128	5421193	0.03253	379	379	0 ANNUAL	EMRSS	5
TMA	423628	5419693	0.04321	370	370	0 ANNUAL	EMRSS	5
TMA	423628	5420193	0.03962	371.99	371.99	0 ANNUAL	EMRSS	5
TMA	423628	5420693	0.03595	380	380	0 ANNUAL	EMRSS	5
TMA	423628	5421193	0.03353	378	378	0 ANNUAL	EMRSS	5
TMA	424128	5419693	0.0434	376.22	378	0 ANNUAL	EMRSS	5
TMA	424128	5420193	0.03944	379.73	379.73	0 ANNUAL	EMRSS	5
TMA	424128	5420693	0.0376	366	366	0 ANNUAL	EMRSS	5
TMA	424128	5421193	0.03403	376	376	0 ANNUAL	EMRSS	5
TMA	424628	5419693	0.04438	375.78	375.78	0 ANNUAL	EMRSS	5
TMA	424628	5420193	0.04026	380.21	380.21	0 ANNUAL	EMRSS	5
TMA	424628	5420693	0.03717	380	380	0 ANNUAL	EMRSS	5
TMA	424628	5421193	0.03516	370.14	370.14	0 ANNUAL	EMRSS	5
TMA	425128	5419693	0.04549	376	376	0 ANNUAL	EMRSS	5
TMA	425128	5420193	0.04149	378.67	378.67	0 ANNUAL	EMRSS	5
TMA	425128	5420693	0.03814	380	380	0 ANNUAL	EMRSS	5
TMA	425128	5421193	0.03596	370	370	0 ANNUAL	EMRSS	5
TMA	425628	5419693	0.0457	373.64	373.64	0 ANNUAL	EMRSS	5
TMA	425628	5420193	0.04209	372	372	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
TMA	425628	5420693	0.0383	378	378	0 ANNUAL	EMRSS	5
TMA	425628	5421193	0.03536	379.09	379.09	0 ANNUAL	EMRSS	5
TMA	426128	5419693	0.0447	370.46	370.46	0 ANNUAL	EMRSS	5
TMA	426128	5420193	0.04132	369.35	369.35	0 ANNUAL	EMRSS	5
TMA	426128	5420693	0.03769	378	378	0 ANNUAL	EMRSS	5
TMA	426128	5421193	0.03491	379	379	0 ANNUAL	EMRSS	5
TMA	426628	5419693	0.04174	368.07	368.07	0 ANNUAL	EMRSS	5
TMA	426628	5420193	0.03889	367.52	367.52	0 ANNUAL	EMRSS	5
TMA	426628	5420693	0.03624	369	369	0 ANNUAL	EMRSS	5
TMA	426628	5421193	0.03384	371.25	371.25	0 ANNUAL	EMRSS	5
TMA	427128	5419693	0.03831	373.21	373.21	0 ANNUAL	EMRSS	5
TMA	427128	5420193	0.03576	370.37	370.37	0 ANNUAL	EMRSS	5
TMA	427128	5420693	0.03298	374.18	381	0 ANNUAL	EMRSS	5
TMA	427128	5421193	0.03226	360	381	0 ANNUAL	EMRSS	5
TMA	427628	5419693	0.03864	370.22	370.22	0 ANNUAL	EMRSS	5
TMA	427628	5420193	0.03392	383.07	383.07	0 ANNUAL	EMRSS	5
TMA	427628	5420693	0.03261	366.33	366.33	0 ANNUAL	EMRSS	5
TMA	427628	5421193	0.03106	358	358	0 ANNUAL	EMRSS	5
TMA	428128	5419693	0.03976	363.07	363.07	0 ANNUAL	EMRSS	5
TMA	428128	5420193	0.03586	370.67	370.67	0 ANNUAL	EMRSS	5
TMA	428128	5420693	0.03201	382.97	382.97	0 ANNUAL	EMRSS	5
TMA	428128	5421193	0.03018	369.95	369.95	0 ANNUAL	EMRSS	5
TMA	428628	5419693	0.0382	376.81	380	0 ANNUAL	EMRSS	5
TMA	428628	5420193	0.03599	368.14	368.14	0 ANNUAL	EMRSS	5
TMA	428628	5420693	0.03328	367.41	367.41	0 ANNUAL	EMRSS	5
TMA	428628	5421193	0.03014	379.67	379.67	0 ANNUAL	EMRSS	5
TMA	429128	5419693	0.03793	378	378	0 ANNUAL	EMRSS	5
TMA	429128	5420193	0.03529	372.08	372.08	0 ANNUAL	EMRSS	5
TMA	429128	5420693	0.03358	361	372	0 ANNUAL	EMRSS	5
TMA	429128	5421193	0.03122	360.13	371	0 ANNUAL	EMRSS	5
TMA	427628	5419193	0.04287	367.91	367.91	0 ANNUAL	EMRSS	5
TMA	427628	5418693	0.04683	374.68	374.68	0 ANNUAL	EMRSS	5
TMA	427628	5418193	0.05113	380	380	0 ANNUAL	EMRSS	5
TMA	427628	5417693	0.05722	378	378	0 ANNUAL	EMRSS	5
TMA	427628	5417193	0.0636	379.31	379.31	0 ANNUAL	EMRSS	5
TMA	427628	5416693	0.07131	381	381	0 ANNUAL	EMRSS	5
TMA	427628	5416193	0.08173	380	380	0 ANNUAL	EMRSS	5
TMA	427628	5415693	0.09248	380	380	0 ANNUAL	EMRSS	5
TMA	427628	5415193	0.10163	381	381	0 ANNUAL	EMRSS	5
TMA	427628	5414693	0.10654	384.81	384.81	0 ANNUAL	EMRSS	5
TMA	427628	5414193	0.11048	387	387	0 ANNUAL	EMRSS	5
TMA	427628	5407693	0.10917	363	363	0 ANNUAL	EMRSS	5
TMA	427628	5407193	0.09391	356.83	356.83	0 ANNUAL	EMRSS	5
TMA	427628	5406693	0.07881	360.9	360.9	0 ANNUAL	EMRSS	5
TMA	427628	5406193	0.06394	372.99	372.99	0 ANNUAL	EMRSS	5
TMA	428128	5419193	0.04259	374	374	0 ANNUAL	EMRSS	5
TMA	428128	5418693	0.04655	375	375	0 ANNUAL	EMRSS	5
TMA	428128	5418193	0.05038	380	380	0 ANNUAL	EMRSS	5
TMA	428128	5417693	0.05637	379	379	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	428128	5417193	0.06355	378	378	0 ANNUAL	EMRSS	5
TMA	428128	5416693	0.07141	376	376	0 ANNUAL	EMRSS	5
TMA	428128	5416193	0.07826	376	376	0 ANNUAL	EMRSS	5
TMA	428128	5415693	0.08336	378	378	0 ANNUAL	EMRSS	5
TMA	428128	5415193	0.08722	380	380	0 ANNUAL	EMRSS	5
TMA	428128	5414693	0.09137	380	380	0 ANNUAL	EMRSS	5
TMA	428128	5414193	0.07682	400.68	400.68	0 ANNUAL	EMRSS	5
TMA	428128	5407193	0.08527	361.11	361.11	0 ANNUAL	EMRSS	5
TMA	428128	5406693	0.07526	360.48	360.48	0 ANNUAL	EMRSS	5
TMA	428128	5406193	0.0638	367.95	367.95	0 ANNUAL	EMRSS	5
TMA	428628	5419193	0.0412	380	380	0 ANNUAL	EMRSS	5
TMA	428628	5418693	0.04591	377	377	0 ANNUAL	EMRSS	5
TMA	428628	5418193	0.05061	379	379	0 ANNUAL	EMRSS	5
TMA	428628	5417693	0.056	378.24	378.24	0 ANNUAL	EMRSS	5
TMA	428628	5417193	0.06039	380	380	0 ANNUAL	EMRSS	5
TMA	428628	5416693	0.06544	376	376	0 ANNUAL	EMRSS	5
TMA	428628	5416193	0.06962	374	374	0 ANNUAL	EMRSS	5
TMA	428628	5415693	0.07228	376	376	0 ANNUAL	EMRSS	5
TMA	428628	5415193	0.07078	385.89	408	0 ANNUAL	EMRSS	5
TMA	428628	5414693	0.06575	397.09	397.09	0 ANNUAL	EMRSS	5
TMA	428628	5414193	0.06346	400.52	410	0 ANNUAL	EMRSS	5
TMA	428628	5407193	0.07501	353	353	0 ANNUAL	EMRSS	5
TMA	428628	5406693	0.0683	362	362	0 ANNUAL	EMRSS	5
TMA	428628	5406193	0.06156	362	362	0 ANNUAL	EMRSS	5
TMA	429128	5419193	0.0418	377.26	377.26	0 ANNUAL	EMRSS	5
TMA	429128	5418693	0.04553	379	379	0 ANNUAL	EMRSS	5
TMA	429128	5418193	0.04894	379.95	379.95	0 ANNUAL	EMRSS	5
TMA	429128	5417693	0.05209	379	379	0 ANNUAL	EMRSS	5
TMA	429128	5417193	0.05553	375	375	0 ANNUAL	EMRSS	5
TMA	429128	5416693	0.05837	373	373	0 ANNUAL	EMRSS	5
TMA	429128	5416193	0.06064	373	373	0 ANNUAL	EMRSS	5
TMA	429128	5415693	0.06108	379.36	400	0 ANNUAL	EMRSS	5
TMA	429128	5413193	0.06749	390	390	0 ANNUAL	EMRSS	5
TMA	429128	5412693	0.06494	398.59	398.59	0 ANNUAL	EMRSS	5
TMA	429128	5408693	0.09211	389.01	389.01	0 ANNUAL	EMRSS	5
TMA	429128	5407193	0.06751	355	355	0 ANNUAL	EMRSS	5
TMA	429128	5406693	0.06145	358	358	0 ANNUAL	EMRSS	5
TMA	429128	5406193	0.05658	360	360	0 ANNUAL	EMRSS	5
TMA	427128	5407693	0.11844	350	350	0 ANNUAL	EMRSS	5
TMA	427128	5407193	0.09754	360.73	360.73	0 ANNUAL	EMRSS	5
TMA	427128	5406693	0.07833	364.08	364.08	0 ANNUAL	EMRSS	5
TMA	427128	5406193	0.0634	369.47	383	0 ANNUAL	EMRSS	5
TMA	426628	5407693	0.1236	360.15	360.15	0 ANNUAL	EMRSS	5
TMA	426628	5407193	0.09274	370	370	0 ANNUAL	EMRSS	5
TMA	426628	5406693	0.07108	379.68	379.68	0 ANNUAL	EMRSS	5
TMA	426628	5406193	0.06092	370.4	370.4	0 ANNUAL	EMRSS	5
TMA	426128	5407693	0.1074	380.31	380.31	0 ANNUAL	EMRSS	5
TMA	426128	5407193	0.08909	370.02	370.02	0 ANNUAL	EMRSS	5
TMA	426128	5406693	0.06951	378	378	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	426128	5406193	0.0536	390	390	0 ANNUAL	EMRSS	5
TMA	425628	5407693	0.11376	361	361	0 ANNUAL	EMRSS	5
TMA	425628	5407193	0.0866	366.13	366.13	0 ANNUAL	EMRSS	5
TMA	425628	5406693	0.06541	378.76	378.76	0 ANNUAL	EMRSS	5
TMA	425628	5406193	0.05301	382	382	0 ANNUAL	EMRSS	5
TMA	425128	5406693	0.06497	373	373	0 ANNUAL	EMRSS	5
TMA	425128	5406193	0.05297	377.62	377.62	0 ANNUAL	EMRSS	5
TMA	424628	5406693	0.07206	367.47	367.47	0 ANNUAL	EMRSS	5
TMA	424628	5406193	0.05953	370	370	0 ANNUAL	EMRSS	5
TMA	424128	5407693	0.11162	360.97	360.97	0 ANNUAL	EMRSS	5
TMA	424128	5407193	0.0877	366.8	366.8	0 ANNUAL	EMRSS	5
TMA	424128	5406693	0.07279	365.76	365.76	0 ANNUAL	EMRSS	5
TMA	424128	5406193	0.05861	378.74	378.74	0 ANNUAL	EMRSS	5
TMA	423628	5407693	0.10339	359.97	359.97	0 ANNUAL	EMRSS	5
TMA	423628	5407193	0.08116	367.85	367.85	0 ANNUAL	EMRSS	5
TMA	423628	5406693	0.06923	362.95	362.95	0 ANNUAL	EMRSS	5
TMA	423628	5406193	0.05869	363.21	363.21	0 ANNUAL	EMRSS	5
TMA	423128	5406693	0.06555	359.65	359.65	0 ANNUAL	EMRSS	5
TMA	423128	5406193	0.05577	361	361	0 ANNUAL	EMRSS	5
TMA	422628	5407693	0.09311	359.48	359.48	0 ANNUAL	EMRSS	5
TMA	422628	5407193	0.07664	360.02	360.02	0 ANNUAL	EMRSS	5
TMA	422128	5407693	0.08193	359	359	0 ANNUAL	EMRSS	5
TMA	422128	5407193	0.07184	358.4	358.4	0 ANNUAL	EMRSS	5
TMA	422128	5406193	0.05228	360	360	0 ANNUAL	EMRSS	5
TMA	421628	5407693	0.07323	360	360	0 ANNUAL	EMRSS	5
TMA	421628	5407193	0.06347	360	360	0 ANNUAL	EMRSS	5
TMA	420128	5406693	0.04383	347	347	0 ANNUAL	EMRSS	5
TMA	419628	5406693	0.0421	348	348	0 ANNUAL	EMRSS	5
TMA	419128	5407693	0.04661	343	343	0 ANNUAL	EMRSS	5
TMA	419128	5407193	0.04458	345.2	345.2	0 ANNUAL	EMRSS	5
TMA	419128	5406693	0.04031	348	348	0 ANNUAL	EMRSS	5
TMA	419128	5406193	0.03558	349	349	0 ANNUAL	EMRSS	5
TMA	418628	5407693	0.04104	342	342	0 ANNUAL	EMRSS	5
TMA	418628	5407193	0.04059	344	344	0 ANNUAL	EMRSS	5
TMA	418628	5406693	0.03776	342.29	342.29	0 ANNUAL	EMRSS	5
TMA	418628	5406193	0.03388	343	343	0 ANNUAL	EMRSS	5
TMA	418128	5407693	0.03618	341	341	0 ANNUAL	EMRSS	5
TMA	418128	5407193	0.0364	342	342	0 ANNUAL	EMRSS	5
TMA	418128	5406693	0.03526	342.64	342.64	0 ANNUAL	EMRSS	5
TMA	418128	5406193	0.03254	343	343	0 ANNUAL	EMRSS	5
TMA	417628	5407693	0.03208	340	340	0 ANNUAL	EMRSS	5
TMA	417628	5407193	0.03257	341	341	0 ANNUAL	EMRSS	5
TMA	417628	5406693	0.03241	343	343	0 ANNUAL	EMRSS	5
TMA	417628	5406193	0.03098	345	345	0 ANNUAL	EMRSS	5
TMA	417128	5407693	0.02868	340	340	0 ANNUAL	EMRSS	5
TMA	417128	5407193	0.02924	341	341	0 ANNUAL	EMRSS	5
TMA	417128	5406693	0.02949	343	343	0 ANNUAL	EMRSS	5
TMA	417128	5406193	0.02895	345	345	0 ANNUAL	EMRSS	5
TMA	416628	5407693	0.02579	340	340	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	416628	5407193	0.02636	341	341	0 ANNUAL	EMRSS	5
TMA	416628	5406693	0.02676	343	343	0 ANNUAL	EMRSS	5
TMA	416628	5406193	0.02673	345	345	0 ANNUAL	EMRSS	5
TMA	416128	5407693	0.02335	340	340	0 ANNUAL	EMRSS	5
TMA	416128	5407193	0.02388	341.05	341.05	0 ANNUAL	EMRSS	5
TMA	416128	5406193	0.02456	346	346	0 ANNUAL	EMRSS	5
TMA	415628	5406193	0.0225	346	346	0 ANNUAL	EMRSS	5
TMA	415128	5406193	0.02058	344	344	0 ANNUAL	EMRSS	5
TMA	414628	5406693	0.01855	340	340	0 ANNUAL	EMRSS	5
TMA	414628	5406193	0.01887	341.26	341.26	0 ANNUAL	EMRSS	5
TMA	414128	5406693	0.01708	340	340	0 ANNUAL	EMRSS	5
TMA	414128	5406193	0.01742	341	341	0 ANNUAL	EMRSS	5
TMA	415628	5408193	0.02172	344	344	0 ANNUAL	EMRSS	5
TMA	415628	5408693	0.02245	347	347	0 ANNUAL	EMRSS	5
TMA	415628	5409193	0.02234	350	350	0 ANNUAL	EMRSS	5
TMA	415628	5409693	0.02162	353.49	353.49	0 ANNUAL	EMRSS	5
TMA	415628	5410193	0.02101	354.22	354.22	0 ANNUAL	EMRSS	5
TMA	415628	5410693	0.02021	362.66	362.66	0 ANNUAL	EMRSS	5
TMA	415628	5411193	0.01909	366	366	0 ANNUAL	EMRSS	5
TMA	415628	5411693	0.01806	368.95	368.95	0 ANNUAL	EMRSS	5
TMA	415628	5412193	0.01728	370	370	0 ANNUAL	EMRSS	5
TMA	415628	5412693	0.01717	370.01	370.01	0 ANNUAL	EMRSS	5
TMA	415628	5413193	0.01718	372.82	372.82	0 ANNUAL	EMRSS	5
TMA	415628	5413693	0.01695	380	380	0 ANNUAL	EMRSS	5
TMA	415628	5414193	0.01688	378	378	0 ANNUAL	EMRSS	5
TMA	415628	5414693	0.01779	373.77	373.77	0 ANNUAL	EMRSS	5
TMA	415628	5415193	0.01905	370	370	0 ANNUAL	EMRSS	5
TMA	415628	5415693	0.01936	366	366	0 ANNUAL	EMRSS	5
TMA	415628	5416193	0.01925	363	363	0 ANNUAL	EMRSS	5
TMA	415628	5416693	0.01964	360	360	0 ANNUAL	EMRSS	5
TMA	415628	5417193	0.02005	357	357	0 ANNUAL	EMRSS	5
TMA	415628	5417693	0.0201	362.86	362.86	0 ANNUAL	EMRSS	5
TMA	415628	5418193	0.01975	364.86	364.86	0 ANNUAL	EMRSS	5
TMA	415628	5418693	0.01912	360.38	360.38	0 ANNUAL	EMRSS	5
TMA	415628	5419193	0.01834	359	359	0 ANNUAL	EMRSS	5
TMA	415628	5419693	0.01758	353.8	353.8	0 ANNUAL	EMRSS	5
TMA	415628	5420193	0.01712	353.31	353.31	0 ANNUAL	EMRSS	5
TMA	415628	5420693	0.01683	354	354	0 ANNUAL	EMRSS	5
TMA	415628	5421193	0.01657	354	354	0 ANNUAL	EMRSS	5
TMA	415128	5408193	0.02019	345	345	0 ANNUAL	EMRSS	5
TMA	415128	5408693	0.02073	347	347	0 ANNUAL	EMRSS	5
TMA	415128	5409193	0.02042	349	349	0 ANNUAL	EMRSS	5
TMA	415128	5409693	0.01983	354.16	354.16	0 ANNUAL	EMRSS	5
TMA	415128	5410193	0.01938	358	358	0 ANNUAL	EMRSS	5
TMA	415128	5410693	0.01862	362	362	0 ANNUAL	EMRSS	5
TMA	415128	5411193	0.01757	367	367	0 ANNUAL	EMRSS	5
TMA	415128	5411693	0.01665	370	370	0 ANNUAL	EMRSS	5
TMA	415128	5412193	0.01608	367	367	0 ANNUAL	EMRSS	5
TMA	415128	5412693	0.01592	366	366	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	415128	5413193	0.01591	369	369	0 ANNUAL	EMRSS	5
TMA	415128	5413693	0.01585	373	373	0 ANNUAL	EMRSS	5
TMA	415128	5414193	0.01564	375	375	0 ANNUAL	EMRSS	5
TMA	415128	5414693	0.01607	371	371	0 ANNUAL	EMRSS	5
TMA	415128	5415193	0.01712	370	370	0 ANNUAL	EMRSS	5
TMA	415128	5415693	0.01787	363	363	0 ANNUAL	EMRSS	5
TMA	415128	5416193	0.01795	356.02	356.02	0 ANNUAL	EMRSS	5
TMA	415128	5416693	0.01789	354	354	0 ANNUAL	EMRSS	5
TMA	415128	5417193	0.01818	356	356	0 ANNUAL	EMRSS	5
TMA	415128	5417693	0.01856	359	359	0 ANNUAL	EMRSS	5
TMA	415128	5418193	0.01858	357.1	357.1	0 ANNUAL	EMRSS	5
TMA	415128	5418693	0.01818	356	356	0 ANNUAL	EMRSS	5
TMA	415128	5419193	0.01749	356	356	0 ANNUAL	EMRSS	5
TMA	415128	5419693	0.01674	355	355	0 ANNUAL	EMRSS	5
TMA	415128	5420193	0.01615	355	355	0 ANNUAL	EMRSS	5
TMA	415128	5420693	0.01567	361	361	0 ANNUAL	EMRSS	5
TMA	415128	5421193	0.0155	360	360	0 ANNUAL	EMRSS	5
TMA	414628	5408193	0.0188	344	344	0 ANNUAL	EMRSS	5
TMA	414628	5408693	0.01917	346.66	346.66	0 ANNUAL	EMRSS	5
TMA	414628	5409193	0.01879	350	350	0 ANNUAL	EMRSS	5
TMA	414628	5409693	0.0183	357	357	0 ANNUAL	EMRSS	5
TMA	414628	5410193	0.01764	366	366	0 ANNUAL	EMRSS	5
TMA	414628	5410693	0.01733	359	359	0 ANNUAL	EMRSS	5
TMA	414628	5411193	0.01661	359	359	0 ANNUAL	EMRSS	5
TMA	414628	5411693	0.01588	360	360	0 ANNUAL	EMRSS	5
TMA	414628	5412193	0.01508	363	363	0 ANNUAL	EMRSS	5
TMA	414628	5412693	0.01467	367	367	0 ANNUAL	EMRSS	5
TMA	414628	5413193	0.01462	371	371	0 ANNUAL	EMRSS	5
TMA	414628	5413693	0.01471	371	371	0 ANNUAL	EMRSS	5
TMA	414628	5414193	0.01463	370	370	0 ANNUAL	EMRSS	5
TMA	414628	5414693	0.01468	369.61	369.61	0 ANNUAL	EMRSS	5
TMA	414628	5415193	0.01547	366.83	366.83	0 ANNUAL	EMRSS	5
TMA	414628	5415693	0.01642	356.12	356.12	0 ANNUAL	EMRSS	5
TMA	414628	5416193	0.01653	350	350	0 ANNUAL	EMRSS	5
TMA	414628	5416693	0.01644	350	350	0 ANNUAL	EMRSS	5
TMA	414628	5417193	0.01653	352	352	0 ANNUAL	EMRSS	5
TMA	414628	5417693	0.01686	353	353	0 ANNUAL	EMRSS	5
TMA	414628	5418193	0.01714	354	354	0 ANNUAL	EMRSS	5
TMA	414628	5418693	0.0171	355	355	0 ANNUAL	EMRSS	5
TMA	414628	5419193	0.0167	356	356	0 ANNUAL	EMRSS	5
TMA	414628	5419693	0.01608	358	358	0 ANNUAL	EMRSS	5
TMA	414628	5420193	0.01543	358	358	0 ANNUAL	EMRSS	5
TMA	414628	5420693	0.01487	360	360	0 ANNUAL	EMRSS	5
TMA	414628	5421193	0.01454	360	360	0 ANNUAL	EMRSS	5
TMA	414128	5408193	0.01757	344	344	0 ANNUAL	EMRSS	5
TMA	414128	5408693	0.01777	347	347	0 ANNUAL	EMRSS	5
TMA	414128	5409193	0.01733	350	350	0 ANNUAL	EMRSS	5
TMA	414128	5409693	0.01681	361	361	0 ANNUAL	EMRSS	5
TMA	414128	5410193	0.01659	359	359	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	414128	5410693	0.01605	357	357	0 ANNUAL	EMRSS	5
TMA	414128	5411193	0.01502	370.5	370.5	0 ANNUAL	EMRSS	5
TMA	414128	5411693	0.01458	364	364	0 ANNUAL	EMRSS	5
TMA	414128	5412193	0.01409	362	362	0 ANNUAL	EMRSS	5
TMA	414128	5412693	0.0136	367	367	0 ANNUAL	EMRSS	5
TMA	414128	5413193	0.01362	368	368	0 ANNUAL	EMRSS	5
TMA	414128	5413693	0.01366	370	370	0 ANNUAL	EMRSS	5
TMA	414128	5414193	0.01368	367	367	0 ANNUAL	EMRSS	5
TMA	414128	5414693	0.01374	363	363	0 ANNUAL	EMRSS	5
TMA	414128	5415193	0.01435	358.06	358.06	0 ANNUAL	EMRSS	5
TMA	414128	5415693	0.0149	350	350	0 ANNUAL	EMRSS	5
TMA	414128	5416193	0.0153	350	350	0 ANNUAL	EMRSS	5
TMA	414128	5416693	0.0153	350	350	0 ANNUAL	EMRSS	5
TMA	414128	5417193	0.01524	351	351	0 ANNUAL	EMRSS	5
TMA	414128	5417693	0.01543	353.76	353.76	0 ANNUAL	EMRSS	5
TMA	414128	5418193	0.01576	355	355	0 ANNUAL	EMRSS	5
TMA	414128	5418693	0.01596	357	357	0 ANNUAL	EMRSS	5
TMA	414128	5419193	0.01585	358	358	0 ANNUAL	EMRSS	5
TMA	414128	5419693	0.01543	359	359	0 ANNUAL	EMRSS	5
TMA	414128	5420193	0.01484	359	359	0 ANNUAL	EMRSS	5
TMA	414128	5420693	0.01421	360	360	0 ANNUAL	EMRSS	5
TMA	414128	5421193	0.01376	360	360	0 ANNUAL	EMRSS	5
TMA	414128	5422027	0.01335	360	360	0 ANNUAL	EMRSS	5
TMA	414128	5422860	0.01309	360	360	0 ANNUAL	EMRSS	5
TMA	414128	5423693	0.01279	360	360	0 ANNUAL	EMRSS	5
TMA	415100	5422027	0.01503	361	361	0 ANNUAL	EMRSS	5
TMA	415100	5422860	0.01471	360	360	0 ANNUAL	EMRSS	5
TMA	415100	5423693	0.01438	357.11	357.11	0 ANNUAL	EMRSS	5
TMA	416072	5422027	0.01708	349	349	0 ANNUAL	EMRSS	5
TMA	416072	5422860	0.01663	350	350	0 ANNUAL	EMRSS	5
TMA	416072	5423693	0.0161	351.91	351.91	0 ANNUAL	EMRSS	5
TMA	417045	5422027	0.01954	349	349	0 ANNUAL	EMRSS	5
TMA	417045	5422860	0.01868	354.82	354.82	0 ANNUAL	EMRSS	5
TMA	417045	5423693	0.01731	364.19	364.19	0 ANNUAL	EMRSS	5
TMA	418017	5422027	0.02143	343.69	351	0 ANNUAL	EMRSS	5
TMA	418017	5422860	0.01972	363.82	363.82	0 ANNUAL	EMRSS	5
TMA	418017	5423693	0.01841	361.57	361.57	0 ANNUAL	EMRSS	5
TMA	418989	5422027	0.02326	361	361	0 ANNUAL	EMRSS	5
TMA	418989	5422860	0.02162	344.52	344.52	0 ANNUAL	EMRSS	5
TMA	418989	5423693	0.02057	354.77	354.77	0 ANNUAL	EMRSS	5
TMA	419961	5422027	0.02604	349	349	0 ANNUAL	EMRSS	5
TMA	419961	5422860	0.02385	343.48	343.48	0 ANNUAL	EMRSS	5
TMA	419961	5423693	0.02215	360	360	0 ANNUAL	EMRSS	5
TMA	420934	5422027	0.02747	366.69	366.69	0 ANNUAL	EMRSS	5
TMA	420934	5422860	0.02495	351	351	0 ANNUAL	EMRSS	5
TMA	420934	5423693	0.02264	355.19	355.19	0 ANNUAL	EMRSS	5
TMA	421906	5422027	0.02853	355.05	355.05	0 ANNUAL	EMRSS	5
TMA	421906	5422860	0.0255	351	351	0 ANNUAL	EMRSS	5
TMA	421906	5423693	0.02316	360	360	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
TMA	422878	5422027	0.02893	373.63	373.63	0 ANNUAL	EMRSS	5
TMA	422878	5422860	0.02687	357	357	0 ANNUAL	EMRSS	5
TMA	422878	5423693	0.02427	360.28	360.28	0 ANNUAL	EMRSS	5
TMA	423850	5422027	0.02973	379.96	379.96	0 ANNUAL	EMRSS	5
TMA	423850	5422860	0.02782	355.8	355.8	0 ANNUAL	EMRSS	5
TMA	423850	5423693	0.02451	368.01	368.01	0 ANNUAL	EMRSS	5
TMA	424822	5422027	0.03172	364.2	364.2	0 ANNUAL	EMRSS	5
TMA	424822	5422860	0.02844	361.94	361.94	0 ANNUAL	EMRSS	5
TMA	424822	5423693	0.02515	374	374	0 ANNUAL	EMRSS	5
TMA	425795	5422027	0.03198	367	367	0 ANNUAL	EMRSS	5
TMA	425795	5422860	0.02862	366	366	0 ANNUAL	EMRSS	5
TMA	425795	5423693	0.02576	366.05	366.05	0 ANNUAL	EMRSS	5
TMA	426767	5422027	0.03004	368.71	368.71	0 ANNUAL	EMRSS	5
TMA	426767	5422860	0.02722	370	370	0 ANNUAL	EMRSS	5
TMA	426767	5423693	0.02482	367	367	0 ANNUAL	EMRSS	5
TMA	427739	5422027	0.02546	381.56	381.56	0 ANNUAL	EMRSS	5
TMA	427739	5422860	0.02418	365	365	0 ANNUAL	EMRSS	5
TMA	427739	5423693	0.02206	366	366	0 ANNUAL	EMRSS	5
TMA	428711	5422027	0.02748	360.65	360.65	0 ANNUAL	EMRSS	5
TMA	428711	5422860	0.0239	369.42	370	0 ANNUAL	EMRSS	5
TMA	428711	5423693	0.02077	380.79	380.79	0 ANNUAL	EMRSS	5
TMA	429684	5422027	0.02741	351	351	0 ANNUAL	EMRSS	5
TMA	429684	5422860	0.02454	351.04	351.04	0 ANNUAL	EMRSS	5
TMA	429684	5423693	0.02196	364.07	364.07	0 ANNUAL	EMRSS	5
TMA	430656	5422027	0.02699	346	346	0 ANNUAL	EMRSS	5
TMA	430656	5422860	0.02439	352	352	0 ANNUAL	EMRSS	5
TMA	430656	5423693	0.02193	351.48	351.48	0 ANNUAL	EMRSS	5
TMA	431628	5422027	0.02556	351.82	351.82	0 ANNUAL	EMRSS	5
TMA	431628	5422860	0.02374	349.61	349.61	0 ANNUAL	EMRSS	5
TMA	431628	5423693	0.0215	339	339	0 ANNUAL	EMRSS	5
TMA	429961	5421193	0.03097	355.45	355.45	0 ANNUAL	EMRSS	5
TMA	429961	5420221	0.03549	362	362	0 ANNUAL	EMRSS	5
TMA	429961	5419249	0.03916	374.41	374.41	0 ANNUAL	EMRSS	5
TMA	429961	5418277	0.04285	371	371	0 ANNUAL	EMRSS	5
TMA	429961	5417304	0.04568	371	371	0 ANNUAL	EMRSS	5
TMA	429961	5416332	0.04716	378	378	0 ANNUAL	EMRSS	5
TMA	429961	5413415	0.05226	390	390	0 ANNUAL	EMRSS	5
TMA	429961	5407582	0.06538	359	359	0 ANNUAL	EMRSS	5
TMA	429961	5406610	0.05151	361.02	361.02	0 ANNUAL	EMRSS	5
TMA	429961	5405638	0.04349	367	367	0 ANNUAL	EMRSS	5
TMA	429961	5404665	0.03819	370	370	0 ANNUAL	EMRSS	5
TMA	429961	5403693	0.03187	369	369	0 ANNUAL	EMRSS	5
TMA	430795	5421193	0.02997	358	358	0 ANNUAL	EMRSS	5
TMA	430795	5420221	0.03257	362	362	0 ANNUAL	EMRSS	5
TMA	430795	5419249	0.03426	370	370	0 ANNUAL	EMRSS	5
TMA	430795	5418277	0.03608	370	370	0 ANNUAL	EMRSS	5
TMA	430795	5417304	0.03609	385.02	385.02	0 ANNUAL	EMRSS	5
TMA	430795	5416332	0.0361	389.42	390	0 ANNUAL	EMRSS	5
TMA	430795	5413415	0.04602	378	378	0 ANNUAL	EMRSS	5



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	430795	5409527	0.06377	381	381	0 ANNUAL	EMRSS	5	
TMA	430795	5408554	0.06265	366.09	366.09	0 ANNUAL	EMRSS	5	
TMA	430795	5406610	0.04487	372.63	372.63	0 ANNUAL	EMRSS	5	
TMA	430795	5405638	0.03737	370	370	0 ANNUAL	EMRSS	5	
TMA	430795	5404665	0.03377	365	365	0 ANNUAL	EMRSS	5	
TMA	430795	5403693	0.03048	362	362	0 ANNUAL	EMRSS	5	
TMA	431628	5421193	0.02667	369.26	369.26	0 ANNUAL	EMRSS	5	
TMA	431628	5420221	0.02807	370	370	0 ANNUAL	EMRSS	5	
TMA	431628	5419249	0.02959	365.51	365.51	0 ANNUAL	EMRSS	5	
TMA	431628	5418277	0.03059	370.11	392	0 ANNUAL	EMRSS	5	
TMA	431628	5417304	0.0311	373	391	0 ANNUAL	EMRSS	5	
TMA	431628	5416332	0.03137	382.43	382.43	0 ANNUAL	EMRSS	5	
TMA	431628	5415360	0.03411	378.88	378.88	0 ANNUAL	EMRSS	5	
TMA	431628	5414388	0.03576	379	379	0 ANNUAL	EMRSS	5	
TMA	431628	5413415	0.0397	376	376	0 ANNUAL	EMRSS	5	
TMA	431628	5412443	0.04797	380	380	0 ANNUAL	EMRSS	5	
TMA	431628	5411471	0.05361	382	382	0 ANNUAL	EMRSS	5	
TMA	431628	5409527	0.05198	381	381	0 ANNUAL	EMRSS	5	
TMA	431628	5408554	0.05238	361	361	0 ANNUAL	EMRSS	5	
TMA	431628	5407582	0.04885	368.07	368.07	0 ANNUAL	EMRSS	5	
TMA	431628	5406610	0.04038	378	378	0 ANNUAL	EMRSS	5	
TMA	431628	5405638	0.03419	368.84	368.84	0 ANNUAL	EMRSS	5	
TMA	431628	5404665	0.02917	370	370	0 ANNUAL	EMRSS	5	
TMA	431628	5403693	0.02645	379.57	379.57	0 ANNUAL	EMRSS	5	
TMA	429128	5405360	0.04809	363	363	0 ANNUAL	EMRSS	5	
TMA	429128	5404527	0.03929	368	368	0 ANNUAL	EMRSS	5	
TMA	429128	5403693	0.03268	369	369	0 ANNUAL	EMRSS	5	
TMA	428156	5405360	0.05063	362	362	0 ANNUAL	EMRSS	5	
TMA	428156	5404527	0.03945	370	370	0 ANNUAL	EMRSS	5	
TMA	428156	5403693	0.03171	369	369	0 ANNUAL	EMRSS	5	
TMA	427184	5405360	0.0478	368	368	0 ANNUAL	EMRSS	5	
TMA	427184	5404527	0.03754	367.45	367.45	0 ANNUAL	EMRSS	5	
TMA	427184	5403693	0.03063	366.53	366.53	0 ANNUAL	EMRSS	5	
TMA	426211	5405360	0.04685	363.02	363.02	0 ANNUAL	EMRSS	5	
TMA	426211	5404527	0.03643	369	369	0 ANNUAL	EMRSS	5	
TMA	426211	5403693	0.02953	367.92	367.92	0 ANNUAL	EMRSS	5	
TMA	425239	5405360	0.04318	364	364	0 ANNUAL	EMRSS	5	
TMA	425239	5404527	0.03376	369.22	369.22	0 ANNUAL	EMRSS	5	
TMA	425239	5403693	0.02823	364.64	364.64	0 ANNUAL	EMRSS	5	
TMA	424267	5405360	0.04821	361	361	0 ANNUAL	EMRSS	5	
TMA	424267	5404527	0.0384	361.96	361.96	0 ANNUAL	EMRSS	5	
TMA	424267	5403693	0.03129	364.64	364.64	0 ANNUAL	EMRSS	5	
TMA	423295	5405360	0.04525	360	360	0 ANNUAL	EMRSS	5	
TMA	423295	5404527	0.0368	357	357	0 ANNUAL	EMRSS	5	
TMA	423295	5403693	0.03048	363	363	0 ANNUAL	EMRSS	5	
TMA	422322	5405360	0.04059	355	355	0 ANNUAL	EMRSS	5	
TMA	422322	5404527	0.03358	354	354	0 ANNUAL	EMRSS	5	
TMA	422322	5403693	0.02873	359	359	0 ANNUAL	EMRSS	5	
TMA	421350	5404527	0.03197	356.96	356.96	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
TMA	421350	5403693	0.02636	359	359	0 ANNUAL	EMRSS	5	
TMA	420378	5405360	0.03549	360	360	0 ANNUAL	EMRSS	5	
TMA	420378	5404527	0.03091	349.55	349.55	0 ANNUAL	EMRSS	5	
TMA	420378	5403693	0.02636	360	360	0 ANNUAL	EMRSS	5	
TMA	419406	5405360	0.03019	352	352	0 ANNUAL	EMRSS	5	
TMA	419406	5404527	0.02678	352	352	0 ANNUAL	EMRSS	5	
TMA	419406	5403693	0.02479	357	357	0 ANNUAL	EMRSS	5	
TMA	418434	5405360	0.02773	343.7	343.7	0 ANNUAL	EMRSS	5	
TMA	418434	5404527	0.02378	351	351	0 ANNUAL	EMRSS	5	
TMA	418434	5403693	0.02093	344.26	344.26	0 ANNUAL	EMRSS	5	
TMA	417461	5405360	0.02636	349.41	349.41	0 ANNUAL	EMRSS	5	
TMA	417461	5404527	0.02263	358	358	0 ANNUAL	EMRSS	5	
TMA	417461	5403693	0.01937	350	350	0 ANNUAL	EMRSS	5	
TMA	416489	5405360	0.02454	349	349	0 ANNUAL	EMRSS	5	
TMA	416489	5404527	0.02126	350	350	0 ANNUAL	EMRSS	5	
TMA	416489	5403693	0.01839	348	348	0 ANNUAL	EMRSS	5	
TMA	415517	5405360	0.02194	349.67	349.67	0 ANNUAL	EMRSS	5	
TMA	415517	5404527	0.02022	352.74	352.74	0 ANNUAL	EMRSS	5	
TMA	415517	5403693	0.01752	348	348	0 ANNUAL	EMRSS	5	
TMA	414545	5405360	0.01895	346	346	0 ANNUAL	EMRSS	5	
TMA	414545	5404527	0.01851	349	349	0 ANNUAL	EMRSS	5	
TMA	414545	5403693	0.01681	348	348	0 ANNUAL	EMRSS	5	
TMA	413572	5405360	0.01633	343	343	0 ANNUAL	EMRSS	5	
TMA	413572	5404527	0.01636	342.07	342.07	0 ANNUAL	EMRSS	5	
TMA	413572	5403693	0.01577	347.01	347.01	0 ANNUAL	EMRSS	5	
TMA	412600	5405360	0.01419	339.29	339.29	0 ANNUAL	EMRSS	5	
TMA	412600	5404527	0.01431	337	337	0 ANNUAL	EMRSS	5	
TMA	412600	5403693	0.01429	341	341	0 ANNUAL	EMRSS	5	
TMA	411628	5405360	0.01253	343	343	0 ANNUAL	EMRSS	5	
TMA	411628	5404527	0.01268	339.78	339.78	0 ANNUAL	EMRSS	5	
TMA	411628	5403693	0.01275	338	338	0 ANNUAL	EMRSS	5	
TMA	413295	5406193	0.01547	348.65	348.65	0 ANNUAL	EMRSS	5	
TMA	413295	5407165	0.01508	350	350	0 ANNUAL	EMRSS	5	
TMA	413295	5408138	0.01576	345	345	0 ANNUAL	EMRSS	5	
TMA	413295	5409110	0.01549	358.76	358.76	0 ANNUAL	EMRSS	5	
TMA	413295	5410082	0.01478	358	358	0 ANNUAL	EMRSS	5	
TMA	413295	5411054	0.01385	355	355	0 ANNUAL	EMRSS	5	
TMA	413295	5412027	0.01288	356	356	0 ANNUAL	EMRSS	5	
TMA	413295	5412999	0.01237	359	359	0 ANNUAL	EMRSS	5	
TMA	413295	5413971	0.01225	365.12	365.12	0 ANNUAL	EMRSS	5	
TMA	413295	5414943	0.01231	353.61	353.61	0 ANNUAL	EMRSS	5	
TMA	413295	5415915	0.01309	351	351	0 ANNUAL	EMRSS	5	
TMA	413295	5416888	0.01368	353	353	0 ANNUAL	EMRSS	5	
TMA	413295	5417860	0.01358	355	355	0 ANNUAL	EMRSS	5	
TMA	413295	5418832	0.01405	357	357	0 ANNUAL	EMRSS	5	
TMA	413295	5419804	0.01412	358.67	358.67	0 ANNUAL	EMRSS	5	
TMA	413295	5420777	0.01332	359	359	0 ANNUAL	EMRSS	5	
TMA	413295	5421749	0.01237	360	360	0 ANNUAL	EMRSS	5	
TMA	413295	5422721	0.01185	361	361	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
TMA	413295	5423693	0.01169	359.14	359.14	0 ANNUAL	EMRSS	5
TMA	412461	5406193	0.01364	345	345	0 ANNUAL	EMRSS	5
TMA	412461	5407165	0.01357	348	348	0 ANNUAL	EMRSS	5
TMA	412461	5408138	0.01426	348	348	0 ANNUAL	EMRSS	5
TMA	412461	5409110	0.01372	355.04	355.04	0 ANNUAL	EMRSS	5
TMA	412461	5410082	0.01319	355.14	355.14	0 ANNUAL	EMRSS	5
TMA	412461	5411054	0.01243	354	354	0 ANNUAL	EMRSS	5
TMA	412461	5412027	0.01161	360	360	0 ANNUAL	EMRSS	5
TMA	412461	5412999	0.01105	360	360	0 ANNUAL	EMRSS	5
TMA	412461	5413971	0.01111	360	360	0 ANNUAL	EMRSS	5
TMA	412461	5414943	0.01098	351	351	0 ANNUAL	EMRSS	5
TMA	412461	5415915	0.01135	350	350	0 ANNUAL	EMRSS	5
TMA	412461	5416888	0.01222	354	354	0 ANNUAL	EMRSS	5
TMA	412461	5417860	0.01216	354	354	0 ANNUAL	EMRSS	5
TMA	412461	5418832	0.0123	356	356	0 ANNUAL	EMRSS	5
TMA	412461	5419804	0.01271	360	360	0 ANNUAL	EMRSS	5
TMA	412461	5420777	0.01248	360	360	0 ANNUAL	EMRSS	5
TMA	412461	5421749	0.01167	355	355	0 ANNUAL	EMRSS	5
TMA	412461	5422721	0.01096	353	353	0 ANNUAL	EMRSS	5
TMA	412461	5423693	0.01058	361	361	0 ANNUAL	EMRSS	5
TMA	411628	5406193	0.01216	345	345	0 ANNUAL	EMRSS	5
TMA	411628	5407165	0.01239	347	347	0 ANNUAL	EMRSS	5
TMA	411628	5408138	0.01289	349	349	0 ANNUAL	EMRSS	5
TMA	411628	5409110	0.01223	350	350	0 ANNUAL	EMRSS	5
TMA	411628	5410082	0.01184	350	350	0 ANNUAL	EMRSS	5
TMA	411628	5411054	0.01123	353.58	353.58	0 ANNUAL	EMRSS	5
TMA	411628	5412027	0.01054	356	356	0 ANNUAL	EMRSS	5
TMA	411628	5412999	0.00998	353.13	353.13	0 ANNUAL	EMRSS	5
TMA	411628	5413971	0.01	353.37	353.37	0 ANNUAL	EMRSS	5
TMA	411628	5414943	0.00994	349.88	349.88	0 ANNUAL	EMRSS	5
TMA	411628	5415915	0.01006	359.68	359.68	0 ANNUAL	EMRSS	5
TMA	411628	5416888	0.0108	360.86	360.86	0 ANNUAL	EMRSS	5
TMA	411628	5417860	0.01108	360	360	0 ANNUAL	EMRSS	5
TMA	411628	5418832	0.01094	357	357	0 ANNUAL	EMRSS	5
TMA	411628	5419804	0.01127	360	360	0 ANNUAL	EMRSS	5
TMA	411628	5420777	0.01149	360	360	0 ANNUAL	EMRSS	5
TMA	411628	5421749	0.01108	360	360	0 ANNUAL	EMRSS	5
TMA	411628	5422721	0.01029	361.2	361.2	0 ANNUAL	EMRSS	5
TMA	411628	5423693	0.00978	350	350	0 ANNUAL	EMRSS	5
MINE	424480	5408573	0.1812	348	348	0 ANNUAL	EMRSS	5
MINE	424480	5408523	0.17609	348.55	348.55	0 ANNUAL	EMRSS	5
MINE	424480	5408473	0.1711	349	349	0 ANNUAL	EMRSS	5
MINE	424480	5408423	0.16674	349.87	349.87	0 ANNUAL	EMRSS	5
MINE	424480	5408373	0.16184	350	350	0 ANNUAL	EMRSS	5
MINE	424480	5408323	0.15766	350.68	350.68	0 ANNUAL	EMRSS	5
MINE	424480	5408273	0.15362	351.34	351.34	0 ANNUAL	EMRSS	5
MINE	424430	5408573	0.18027	348	348	0 ANNUAL	EMRSS	5
MINE	424430	5408523	0.17528	348.58	348.58	0 ANNUAL	EMRSS	5
MINE	424430	5408473	0.17033	349	349	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	424430	5408423	0.16616	350	350	0 ANNUAL	EMRSS	5	
MINE	424430	5408373	0.16125	350.05	350.05	0 ANNUAL	EMRSS	5	
MINE	424430	5408323	0.15736	351	351	0 ANNUAL	EMRSS	5	
MINE	424430	5408273	0.15364	352	352	0 ANNUAL	EMRSS	5	
MINE	424380	5408573	0.17909	348	348	0 ANNUAL	EMRSS	5	
MINE	424380	5408523	0.17422	348.61	348.61	0 ANNUAL	EMRSS	5	
MINE	424380	5408473	0.16932	349	349	0 ANNUAL	EMRSS	5	
MINE	424380	5408423	0.16523	350	350	0 ANNUAL	EMRSS	5	
MINE	424380	5408373	0.16127	351	351	0 ANNUAL	EMRSS	5	
MINE	424380	5408323	0.15678	351.24	351.24	0 ANNUAL	EMRSS	5	
MINE	424380	5408273	0.15323	352.4	352.4	0 ANNUAL	EMRSS	5	
MINE	426976	5407714	0.12122	350	350	0 ANNUAL	EMRSS	5	
MINE	426976	5407615	0.1162	350.8	350.8	0 ANNUAL	EMRSS	5	
MINE	426976	5407517	0.11163	352.28	352.28	0 ANNUAL	EMRSS	5	
MINE	426976	5407418	0.10795	356.47	356.47	0 ANNUAL	EMRSS	5	
MINE	426976	5407319	0.10351	360.1	360.1	0 ANNUAL	EMRSS	5	
MINE	426976	5407221	0.09728	365.35	365.35	0 ANNUAL	EMRSS	5	
MINE	426976	5407122	0.09178	369.63	369.63	0 ANNUAL	EMRSS	5	
MINE	426976	5407023	0.08748	371	371	0 ANNUAL	EMRSS	5	
MINE	427072	5407714	0.12022	350	350	0 ANNUAL	EMRSS	5	
MINE	427072	5407615	0.11516	350	350	0 ANNUAL	EMRSS	5	
MINE	427072	5407517	0.11032	350	350	0 ANNUAL	EMRSS	5	
MINE	427072	5407418	0.10637	352.13	362	0 ANNUAL	EMRSS	5	
MINE	427072	5407319	0.10268	362.04	362.04	0 ANNUAL	EMRSS	5	
MINE	427072	5407221	0.09767	364.17	364.17	0 ANNUAL	EMRSS	5	
MINE	427072	5407122	0.09301	366.09	366.09	0 ANNUAL	EMRSS	5	
MINE	427072	5407023	0.08864	368	368	0 ANNUAL	EMRSS	5	
MINE	427168	5407714	0.11929	351	351	0 ANNUAL	EMRSS	5	
MINE	427168	5407615	0.11414	350	350	0 ANNUAL	EMRSS	5	
MINE	427168	5407517	0.10957	350	350	0 ANNUAL	EMRSS	5	
MINE	427168	5407418	0.10513	350	361	0 ANNUAL	EMRSS	5	
MINE	427168	5407319	0.10262	355.95	361	0 ANNUAL	EMRSS	5	
MINE	427168	5407221	0.09893	358.24	358.24	0 ANNUAL	EMRSS	5	
MINE	427168	5407122	0.09433	361.42	361.42	0 ANNUAL	EMRSS	5	
MINE	427168	5407023	0.08992	363.55	363.55	0 ANNUAL	EMRSS	5	
MINE	427265	5407714	0.11905	354.98	354.98	0 ANNUAL	EMRSS	5	
MINE	427265	5407615	0.11386	352.85	352.85	0 ANNUAL	EMRSS	5	
MINE	427265	5407517	0.1089	351	351	0 ANNUAL	EMRSS	5	
MINE	427265	5407418	0.10436	350	350	0 ANNUAL	EMRSS	5	
MINE	427265	5407319	0.10123	352.94	352.94	0 ANNUAL	EMRSS	5	
MINE	427265	5407221	0.09843	357.79	357.79	0 ANNUAL	EMRSS	5	
MINE	427265	5407122	0.09456	360	360	0 ANNUAL	EMRSS	5	
MINE	427265	5407023	0.09061	360.72	360.72	0 ANNUAL	EMRSS	5	
MINE	427361	5407714	0.11798	358.39	358.39	0 ANNUAL	EMRSS	5	
MINE	427361	5407615	0.11326	356.25	356.25	0 ANNUAL	EMRSS	5	
MINE	427361	5407517	0.10814	352.64	352.64	0 ANNUAL	EMRSS	5	
MINE	427361	5407418	0.10334	350	350	0 ANNUAL	EMRSS	5	
MINE	427361	5407319	0.10013	351.93	351.93	0 ANNUAL	EMRSS	5	
MINE	427361	5407221	0.09705	354.41	354.41	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	427361	5407122	0.09396	357.1	357.1	0 ANNUAL	EMRSS	5	
MINE	427361	5407023	0.09055	360	360	0 ANNUAL	EMRSS	5	
MINE	427457	5407714	0.11518	361	361	0 ANNUAL	EMRSS	5	
MINE	427457	5407615	0.11196	358.98	358.98	0 ANNUAL	EMRSS	5	
MINE	427457	5407517	0.10736	355.42	355.42	0 ANNUAL	EMRSS	5	
MINE	427457	5407418	0.10277	352.23	352.23	0 ANNUAL	EMRSS	5	
MINE	427457	5407319	0.09883	351	351	0 ANNUAL	EMRSS	5	
MINE	427457	5407221	0.09561	352	352	0 ANNUAL	EMRSS	5	
MINE	427457	5407122	0.09266	353.97	353.97	0 ANNUAL	EMRSS	5	
MINE	427457	5407023	0.09019	358.55	358.55	0 ANNUAL	EMRSS	5	
MINE	427553	5407714	0.11227	362	362	0 ANNUAL	EMRSS	5	
MINE	427553	5407615	0.10955	360	360	0 ANNUAL	EMRSS	5	
MINE	427553	5407517	0.10617	358.25	358.25	0 ANNUAL	EMRSS	5	
MINE	427553	5407418	0.1028	358.56	358.56	0 ANNUAL	EMRSS	5	
MINE	427553	5407319	0.09869	355.17	355.17	0 ANNUAL	EMRSS	5	
MINE	427553	5407221	0.09467	352.25	352.25	0 ANNUAL	EMRSS	5	
MINE	427553	5407122	0.09112	351	351	0 ANNUAL	EMRSS	5	
MINE	427553	5407023	0.08865	353.88	353.88	0 ANNUAL	EMRSS	5	
MINE	427649	5407714	0.10889	364.04	364.04	0 ANNUAL	EMRSS	5	
MINE	427649	5407615	0.10641	362.25	362.25	0 ANNUAL	EMRSS	5	
MINE	427649	5407517	0.1028	364.29	364.29	0 ANNUAL	EMRSS	5	
MINE	427649	5407418	0.09958	364.9	364.9	0 ANNUAL	EMRSS	5	
MINE	427649	5407319	0.09735	361.58	366	0 ANNUAL	EMRSS	5	
MINE	427649	5407221	0.09485	359.57	359.57	0 ANNUAL	EMRSS	5	
MINE	427649	5407122	0.0905	352.5	361	0 ANNUAL	EMRSS	5	
MINE	427649	5407023	0.08755	352.5	352.5	0 ANNUAL	EMRSS	5	
MINE	427745	5407517	0.09901	369.72	369.72	0 ANNUAL	EMRSS	5	
MINE	427745	5407418	0.09594	371	371	0 ANNUAL	EMRSS	5	
MINE	427745	5407319	0.09381	369.08	369.08	0 ANNUAL	EMRSS	5	
MINE	427745	5407221	0.09231	363.91	363.91	0 ANNUAL	EMRSS	5	
MINE	427745	5407122	0.09014	356.34	362	0 ANNUAL	EMRSS	5	
MINE	427745	5407023	0.08657	352.45	352.45	0 ANNUAL	EMRSS	5	
MINE	427842	5407517	0.09619	371.09	371.09	0 ANNUAL	EMRSS	5	
MINE	427842	5407418	0.09356	372	372	0 ANNUAL	EMRSS	5	
MINE	427842	5407319	0.09166	370.39	370.39	0 ANNUAL	EMRSS	5	
MINE	427842	5407221	0.09002	367.13	367.13	0 ANNUAL	EMRSS	5	
MINE	427842	5407122	0.08914	359.72	359.72	0 ANNUAL	EMRSS	5	
MINE	427842	5407023	0.08535	352	352	0 ANNUAL	EMRSS	5	
MINE	427938	5407517	0.09346	371.85	371.85	0 ANNUAL	EMRSS	5	
MINE	427938	5407418	0.09166	371	371	0 ANNUAL	EMRSS	5	
MINE	427938	5407319	0.08997	369.44	369.44	0 ANNUAL	EMRSS	5	
MINE	427938	5407221	0.08892	364.3	364.3	0 ANNUAL	EMRSS	5	
MINE	427938	5407122	0.08765	358.83	358.83	0 ANNUAL	EMRSS	5	
MINE	427938	5407023	0.08421	352.66	352.66	0 ANNUAL	EMRSS	5	
MINE	428034	5407517	0.09136	370.57	370.57	0 ANNUAL	EMRSS	5	
MINE	428034	5407418	0.08933	371	371	0 ANNUAL	EMRSS	5	
MINE	428034	5407319	0.08811	368.49	368.49	0 ANNUAL	EMRSS	5	
MINE	428034	5407221	0.08716	363.72	363.72	0 ANNUAL	EMRSS	5	
MINE	428034	5407122	0.08601	358.93	358.93	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	428034	5407023	0.08299	353.71	353.71	0 ANNUAL	EMRSS	5	
MINE	428130	5407517	0.08905	370	370	0 ANNUAL	EMRSS	5	
MINE	428130	5407418	0.08727	370	370	0 ANNUAL	EMRSS	5	
MINE	428130	5407319	0.08615	367.55	367.55	0 ANNUAL	EMRSS	5	
MINE	428130	5407221	0.08542	362.59	362.59	0 ANNUAL	EMRSS	5	
MINE	428130	5407122	0.08411	357.97	357.97	0 ANNUAL	EMRSS	5	
MINE	428130	5407023	0.08131	352.97	352.97	0 ANNUAL	EMRSS	5	
MINE	426880	5407696	0.12217	353.15	353.15	0 ANNUAL	EMRSS	5	
MINE	426880	5407600	0.11701	354.09	354.09	0 ANNUAL	EMRSS	5	
MINE	426880	5407504	0.11236	355.99	355.99	0 ANNUAL	EMRSS	5	
MINE	426880	5407408	0.10792	358.33	358.33	0 ANNUAL	EMRSS	5	
MINE	426880	5407312	0.10221	362.3	362.3	0 ANNUAL	EMRSS	5	
MINE	426880	5407216	0.0961	367.62	367.62	0 ANNUAL	EMRSS	5	
MINE	426880	5407119	0.0909	370.93	370.93	0 ANNUAL	EMRSS	5	
MINE	426880	5407023	0.08641	372.97	372.97	0 ANNUAL	EMRSS	5	
MINE	426781	5407696	0.12351	356	356	0 ANNUAL	EMRSS	5	
MINE	426781	5407600	0.11803	357.04	357.04	0 ANNUAL	EMRSS	5	
MINE	426781	5407504	0.11294	358.56	358.56	0 ANNUAL	EMRSS	5	
MINE	426781	5407408	0.10732	360.61	360.61	0 ANNUAL	EMRSS	5	
MINE	426781	5407312	0.10101	364.81	364.81	0 ANNUAL	EMRSS	5	
MINE	426781	5407216	0.09494	369.68	369.68	0 ANNUAL	EMRSS	5	
MINE	426781	5407119	0.08998	372	372	0 ANNUAL	EMRSS	5	
MINE	426781	5407023	0.08545	374	374	0 ANNUAL	EMRSS	5	
MINE	426683	5407696	0.12436	359.06	359.06	0 ANNUAL	EMRSS	5	
MINE	426683	5407600	0.11806	359.98	359.98	0 ANNUAL	EMRSS	5	
MINE	426683	5407504	0.11184	361.25	361.25	0 ANNUAL	EMRSS	5	
MINE	426683	5407408	0.10559	363.89	363.89	0 ANNUAL	EMRSS	5	
MINE	426683	5407312	0.09953	367.43	367.43	0 ANNUAL	EMRSS	5	
MINE	426683	5407216	0.09416	370	370	0 ANNUAL	EMRSS	5	
MINE	426683	5407119	0.0893	371.94	371.94	0 ANNUAL	EMRSS	5	
MINE	426683	5407023	0.08472	374.04	374.04	0 ANNUAL	EMRSS	5	
MINE	426584	5407696	0.12287	361.53	361.53	0 ANNUAL	EMRSS	5	
MINE	426584	5407600	0.11633	362.53	362.53	0 ANNUAL	EMRSS	5	
MINE	426584	5407504	0.11053	362.88	362.88	0 ANNUAL	EMRSS	5	
MINE	426584	5407408	0.10466	364.48	364.48	0 ANNUAL	EMRSS	5	
MINE	426584	5407312	0.09875	367.47	367.47	0 ANNUAL	EMRSS	5	
MINE	426584	5407216	0.09338	369.98	369.98	0 ANNUAL	EMRSS	5	
MINE	426584	5407119	0.0885	371.96	371.96	0 ANNUAL	EMRSS	5	
MINE	426584	5407023	0.08392	374.1	374.1	0 ANNUAL	EMRSS	5	
MINE	426485	5407696	0.12051	365.1	365.1	0 ANNUAL	EMRSS	5	
MINE	426485	5407600	0.11368	366.91	366.91	0 ANNUAL	EMRSS	5	
MINE	426485	5407504	0.10815	366.8	366.8	0 ANNUAL	EMRSS	5	
MINE	426485	5407408	0.10367	364.84	364.84	0 ANNUAL	EMRSS	5	
MINE	426485	5407312	0.09886	364.7	364.7	0 ANNUAL	EMRSS	5	
MINE	426485	5407216	0.09294	368.85	368.85	0 ANNUAL	EMRSS	5	
MINE	426485	5407119	0.08767	372.01	372.01	0 ANNUAL	EMRSS	5	
MINE	426485	5407023	0.08278	375.06	375.06	0 ANNUAL	EMRSS	5	
MINE	426387	5407696	0.11798	368.41	368.41	0 ANNUAL	EMRSS	5	
MINE	426387	5407600	0.11127	370	370	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	426387	5407504	0.10533	371	371	0 ANNUAL	EMRSS	5	
MINE	426387	5407408	0.10139	368.39	368.39	0 ANNUAL	EMRSS	5	
MINE	426387	5407312	0.09752	366.06	366.06	0 ANNUAL	EMRSS	5	
MINE	426387	5407216	0.09134	370.9	370.9	0 ANNUAL	EMRSS	5	
MINE	426387	5407119	0.08652	373	373	0 ANNUAL	EMRSS	5	
MINE	426387	5407023	0.08201	375.21	375.21	0 ANNUAL	EMRSS	5	
MINE	426288	5407696	0.11556	370.89	370.89	0 ANNUAL	EMRSS	5	
MINE	426288	5407600	0.10821	373.78	373.78	0 ANNUAL	EMRSS	5	
MINE	426288	5407504	0.10358	372.5	372.5	0 ANNUAL	EMRSS	5	
MINE	426288	5407408	0.10052	368.33	368.33	0 ANNUAL	EMRSS	5	
MINE	426288	5407312	0.09622	367.43	367.43	0 ANNUAL	EMRSS	5	
MINE	426288	5407216	0.09057	370.96	370.96	0 ANNUAL	EMRSS	5	
MINE	426288	5407119	0.08585	373	373	0 ANNUAL	EMRSS	5	
MINE	426288	5407023	0.08178	374.27	374.27	0 ANNUAL	EMRSS	5	
MINE	426189	5407696	0.11097	376.58	376.58	0 ANNUAL	EMRSS	5	
MINE	426189	5407600	0.10547	376.59	376.59	0 ANNUAL	EMRSS	5	
MINE	426189	5407504	0.10267	372.44	372.44	0 ANNUAL	EMRSS	5	
MINE	426189	5407408	0.09943	369	369	0 ANNUAL	EMRSS	5	
MINE	426189	5407312	0.09531	368	368	0 ANNUAL	EMRSS	5	
MINE	426189	5407216	0.09034	370	370	0 ANNUAL	EMRSS	5	
MINE	426189	5407119	0.0857	372	372	0 ANNUAL	EMRSS	5	
MINE	426189	5407023	0.08167	373.32	373.32	0 ANNUAL	EMRSS	5	
MINE	426091	5407696	0.10663	381	381	0 ANNUAL	EMRSS	5	
MINE	426091	5407600	0.10444	376.7	376.7	0 ANNUAL	EMRSS	5	
MINE	426091	5407504	0.10291	370.39	370.39	0 ANNUAL	EMRSS	5	
MINE	426091	5407408	0.09876	369	369	0 ANNUAL	EMRSS	5	
MINE	426091	5407312	0.09416	369.4	369.4	0 ANNUAL	EMRSS	5	
MINE	426091	5407216	0.08982	370.02	370.02	0 ANNUAL	EMRSS	5	
MINE	426091	5407119	0.08554	371.24	371.24	0 ANNUAL	EMRSS	5	
MINE	426091	5407023	0.08139	373	373	0 ANNUAL	EMRSS	5	
MINE	425992	5407696	0.10921	376.16	376.16	0 ANNUAL	EMRSS	5	
MINE	425992	5407600	0.10507	374.34	374.34	0 ANNUAL	EMRSS	5	
MINE	425992	5407504	0.10225	370.33	370.33	0 ANNUAL	EMRSS	5	
MINE	425992	5407408	0.09815	369	369	0 ANNUAL	EMRSS	5	
MINE	425992	5407312	0.09374	369.11	369.11	0 ANNUAL	EMRSS	5	
MINE	425992	5407216	0.08934	370	370	0 ANNUAL	EMRSS	5	
MINE	425992	5407119	0.08516	371.08	371.08	0 ANNUAL	EMRSS	5	
MINE	425992	5407023	0.0811	372.64	372.64	0 ANNUAL	EMRSS	5	
MINE	425893	5407696	0.1112	371.62	371.62	0 ANNUAL	EMRSS	5	
MINE	425893	5407600	0.10595	371.42	371.42	0 ANNUAL	EMRSS	5	
MINE	425893	5407504	0.10207	369.27	369.27	0 ANNUAL	EMRSS	5	
MINE	425893	5407408	0.09794	368	368	0 ANNUAL	EMRSS	5	
MINE	425893	5407312	0.09358	368	368	0 ANNUAL	EMRSS	5	
MINE	425893	5407216	0.08913	369.05	369.05	0 ANNUAL	EMRSS	5	
MINE	425893	5407119	0.08487	370.35	370.35	0 ANNUAL	EMRSS	5	
MINE	425893	5407023	0.08059	372.49	372.49	0 ANNUAL	EMRSS	5	
MINE	425794	5407696	0.1123	368	368	0 ANNUAL	EMRSS	5	
MINE	425794	5407600	0.10634	369	369	0 ANNUAL	EMRSS	5	
MINE	425794	5407504	0.1018	368	368	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
MINE	425794	5407408	0.09794	366.01	366.01	0 ANNUAL	EMRSS	5
MINE	425794	5407312	0.09354	366.02	366.02	0 ANNUAL	EMRSS	5
MINE	425794	5407216	0.08864	368.24	368.24	0 ANNUAL	EMRSS	5
MINE	425794	5407119	0.0842	370	370	0 ANNUAL	EMRSS	5
MINE	425794	5407023	0.07998	372	372	0 ANNUAL	EMRSS	5
MINE	425696	5407696	0.11307	364.24	364.24	0 ANNUAL	EMRSS	5
MINE	425696	5407600	0.10739	364.51	364.51	0 ANNUAL	EMRSS	5
MINE	425696	5407504	0.10268	363.59	363.59	0 ANNUAL	EMRSS	5
MINE	425696	5407408	0.09827	362.68	362.68	0 ANNUAL	EMRSS	5
MINE	425696	5407312	0.09323	364.12	364.12	0 ANNUAL	EMRSS	5
MINE	425696	5407216	0.08829	366.3	366.3	0 ANNUAL	EMRSS	5
MINE	425696	5407119	0.08353	368.96	368.96	0 ANNUAL	EMRSS	5
MINE	425696	5407023	0.07943	370.61	370.61	0 ANNUAL	EMRSS	5
MINE	425597	5407696	0.11458	358.97	358.97	0 ANNUAL	EMRSS	5
MINE	425597	5407600	0.10891	359.06	359.06	0 ANNUAL	EMRSS	5
MINE	425597	5407504	0.1033	360	360	0 ANNUAL	EMRSS	5
MINE	425597	5407408	0.09783	361.05	361.05	0 ANNUAL	EMRSS	5
MINE	425597	5407312	0.09246	363	363	0 ANNUAL	EMRSS	5
MINE	425597	5407216	0.08749	365.14	365.14	0 ANNUAL	EMRSS	5
MINE	425597	5407119	0.08291	367.25	367.25	0 ANNUAL	EMRSS	5
MINE	425597	5407023	0.07884	368.85	368.85	0 ANNUAL	EMRSS	5
MINE	425498	5407696	0.11275	360	360	0 ANNUAL	EMRSS	5
MINE	425498	5407600	0.10693	360.32	360.32	0 ANNUAL	EMRSS	5
MINE	425498	5407504	0.10134	361	361	0 ANNUAL	EMRSS	5
MINE	425498	5407408	0.09585	362.32	362.32	0 ANNUAL	EMRSS	5
MINE	425498	5407312	0.09069	364.04	364.04	0 ANNUAL	EMRSS	5
MINE	425498	5407216	0.08623	365.06	365.06	0 ANNUAL	EMRSS	5
MINE	425498	5407119	0.08211	366	366	0 ANNUAL	EMRSS	5
MINE	425498	5407023	0.07829	367	367	0 ANNUAL	EMRSS	5
MINE	425400	5407696	0.11058	361	361	0 ANNUAL	EMRSS	5
MINE	425400	5407600	0.10447	361.98	361.98	0 ANNUAL	EMRSS	5
MINE	425400	5407504	0.09888	363.01	363.01	0 ANNUAL	EMRSS	5
MINE	425400	5407408	0.09317	365.12	365.12	0 ANNUAL	EMRSS	5
MINE	425400	5407312	0.088	367.19	367.19	0 ANNUAL	EMRSS	5
MINE	425400	5407216	0.08345	368.74	368.74	0 ANNUAL	EMRSS	5
MINE	425400	5407119	0.07942	369.79	369.79	0 ANNUAL	EMRSS	5
MINE	425400	5407023	0.07631	369.34	369.34	0 ANNUAL	EMRSS	5
MINE	425301	5407696	0.10886	361.78	361.78	0 ANNUAL	EMRSS	5
MINE	425301	5407600	0.10274	363	363	0 ANNUAL	EMRSS	5
MINE	425301	5407504	0.09669	365.07	365.07	0 ANNUAL	EMRSS	5
MINE	425301	5407408	0.09111	367.23	367.23	0 ANNUAL	EMRSS	5
MINE	425301	5407312	0.0862	369	369	0 ANNUAL	EMRSS	5
MINE	425301	5407216	0.082	370	370	0 ANNUAL	EMRSS	5
MINE	425301	5407119	0.07854	370	370	0 ANNUAL	EMRSS	5
MINE	425301	5407023	0.07533	370	370	0 ANNUAL	EMRSS	5
MINE	424413	5408177	0.14664	354	354	0 ANNUAL	EMRSS	5
MINE	424413	5408081	0.14015	356	356	0 ANNUAL	EMRSS	5
MINE	424413	5407985	0.134	358	358	0 ANNUAL	EMRSS	5
MINE	424413	5407889	0.12742	359.98	359.98	0 ANNUAL	EMRSS	5



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	424413	5407792	0.11786	366.77	369	0 ANNUAL	EMRSS	5	
MINE	424413	5407696	0.10863	373.85	373.85	0 ANNUAL	EMRSS	5	
MINE	424413	5407600	0.1022	376.64	376.64	0 ANNUAL	EMRSS	5	
MINE	424413	5407504	0.0987	375.3	375.3	0 ANNUAL	EMRSS	5	
MINE	424413	5407408	0.09613	372.2	372.2	0 ANNUAL	EMRSS	5	
MINE	424413	5407312	0.09314	370	370	0 ANNUAL	EMRSS	5	
MINE	424413	5407216	0.0898	368.94	368.94	0 ANNUAL	EMRSS	5	
MINE	424413	5407119	0.08686	367	367	0 ANNUAL	EMRSS	5	
MINE	424413	5407023	0.084	365.15	365.15	0 ANNUAL	EMRSS	5	
MINE	424314	5408177	0.14512	354	354	0 ANNUAL	EMRSS	5	
MINE	424314	5408081	0.13868	355.75	355.75	0 ANNUAL	EMRSS	5	
MINE	424314	5407985	0.13236	357	357	0 ANNUAL	EMRSS	5	
MINE	424314	5407889	0.12635	358.04	358.04	0 ANNUAL	EMRSS	5	
MINE	424314	5407792	0.12021	360.23	373	0 ANNUAL	EMRSS	5	
MINE	424314	5407696	0.11111	367.81	370	0 ANNUAL	EMRSS	5	
MINE	424314	5407600	0.10384	372.59	372.59	0 ANNUAL	EMRSS	5	
MINE	424314	5407504	0.09975	372.1	372.1	0 ANNUAL	EMRSS	5	
MINE	424314	5407408	0.09656	370.07	370.07	0 ANNUAL	EMRSS	5	
MINE	424314	5407312	0.09366	367.47	367.47	0 ANNUAL	EMRSS	5	
MINE	424314	5407216	0.09043	365.95	365.95	0 ANNUAL	EMRSS	5	
MINE	424314	5407119	0.08727	364.62	364.62	0 ANNUAL	EMRSS	5	
MINE	424314	5407023	0.0841	364	364	0 ANNUAL	EMRSS	5	
MINE	424216	5408177	0.14308	354	354	0 ANNUAL	EMRSS	5	
MINE	424216	5408081	0.13643	355	355	0 ANNUAL	EMRSS	5	
MINE	424216	5407985	0.13072	356.95	356.95	0 ANNUAL	EMRSS	5	
MINE	424216	5407889	0.12488	358	358	0 ANNUAL	EMRSS	5	
MINE	424216	5407792	0.11936	359	359	0 ANNUAL	EMRSS	5	
MINE	424216	5407696	0.11224	362.68	362.68	0 ANNUAL	EMRSS	5	
MINE	424216	5407600	0.1053	367.29	367.29	0 ANNUAL	EMRSS	5	
MINE	424216	5407504	0.10066	367.82	367.82	0 ANNUAL	EMRSS	5	
MINE	424216	5407408	0.09725	365.91	365.91	0 ANNUAL	EMRSS	5	
MINE	424216	5407312	0.09433	363	363	0 ANNUAL	EMRSS	5	
MINE	424216	5407216	0.0906	363	363	0 ANNUAL	EMRSS	5	
MINE	424216	5407119	0.08673	364.27	364.27	0 ANNUAL	EMRSS	5	
MINE	424216	5407023	0.08318	365.35	365.35	0 ANNUAL	EMRSS	5	
MINE	424117	5408177	0.1407	354	354	0 ANNUAL	EMRSS	5	
MINE	424117	5408081	0.13477	355.87	355.87	0 ANNUAL	EMRSS	5	
MINE	424117	5407985	0.1288	357	357	0 ANNUAL	EMRSS	5	
MINE	424117	5407889	0.12313	358	358	0 ANNUAL	EMRSS	5	
MINE	424117	5407792	0.11778	359.32	359.32	0 ANNUAL	EMRSS	5	
MINE	424117	5407696	0.11183	360.57	360.57	0 ANNUAL	EMRSS	5	
MINE	424117	5407600	0.10673	361	361	0 ANNUAL	EMRSS	5	
MINE	424117	5407504	0.10204	361.37	361.37	0 ANNUAL	EMRSS	5	
MINE	424117	5407408	0.09755	362	362	0 ANNUAL	EMRSS	5	
MINE	424117	5407312	0.09309	363.53	368	0 ANNUAL	EMRSS	5	
MINE	424117	5407216	0.08818	367.37	367.37	0 ANNUAL	EMRSS	5	
MINE	424117	5407119	0.08456	368.29	368.29	0 ANNUAL	EMRSS	5	
MINE	424117	5407023	0.08149	368.2	368.2	0 ANNUAL	EMRSS	5	
MINE	424018	5408177	0.13908	355.51	355.51	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	424018	5408081	0.13279	356.55	356.55	0 ANNUAL	EMRSS	5	
MINE	424018	5407985	0.12691	357.54	357.54	0 ANNUAL	EMRSS	5	
MINE	424018	5407889	0.12127	358.21	358.21	0 ANNUAL	EMRSS	5	
MINE	424018	5407792	0.11602	359	359	0 ANNUAL	EMRSS	5	
MINE	424018	5407696	0.11054	360	360	0 ANNUAL	EMRSS	5	
MINE	424018	5407600	0.1044	362.67	362.67	0 ANNUAL	EMRSS	5	
MINE	424018	5407504	0.09869	365.89	365.89	0 ANNUAL	EMRSS	5	
MINE	424018	5407408	0.09344	368.97	368.97	0 ANNUAL	EMRSS	5	
MINE	424018	5407312	0.08901	370.91	370.91	0 ANNUAL	EMRSS	5	
MINE	424018	5407216	0.08563	371	371	0 ANNUAL	EMRSS	5	
MINE	424018	5407119	0.08247	371	371	0 ANNUAL	EMRSS	5	
MINE	424018	5407023	0.07987	370	370	0 ANNUAL	EMRSS	5	
MINE	423919	5408177	0.13782	358	358	0 ANNUAL	EMRSS	5	
MINE	423919	5408081	0.13106	358	358	0 ANNUAL	EMRSS	5	
MINE	423919	5407985	0.12487	358	358	0 ANNUAL	EMRSS	5	
MINE	423919	5407889	0.11914	358	358	0 ANNUAL	EMRSS	5	
MINE	423919	5407792	0.11414	359	359	0 ANNUAL	EMRSS	5	
MINE	423919	5407696	0.10825	360.88	360.88	0 ANNUAL	EMRSS	5	
MINE	423919	5407600	0.1018	364.73	364.73	0 ANNUAL	EMRSS	5	
MINE	423919	5407504	0.09583	368.87	368.87	0 ANNUAL	EMRSS	5	
MINE	423919	5407408	0.09108	371.04	371.04	0 ANNUAL	EMRSS	5	
MINE	423919	5407312	0.0872	372	372	0 ANNUAL	EMRSS	5	
MINE	423919	5407216	0.08398	372	372	0 ANNUAL	EMRSS	5	
MINE	423919	5407119	0.08093	372	372	0 ANNUAL	EMRSS	5	
MINE	423919	5407023	0.07843	371	371	0 ANNUAL	EMRSS	5	
MINE	423821	5408177	0.13521	360	360	0 ANNUAL	EMRSS	5	
MINE	423821	5408081	0.1291	359	359	0 ANNUAL	EMRSS	5	
MINE	423821	5407985	0.12263	358	358	0 ANNUAL	EMRSS	5	
MINE	423821	5407889	0.11693	357.67	357.67	0 ANNUAL	EMRSS	5	
MINE	423821	5407792	0.1122	359.5	359.5	0 ANNUAL	EMRSS	5	
MINE	423821	5407696	0.10582	361.94	361.94	0 ANNUAL	EMRSS	5	
MINE	423821	5407600	0.09958	365.79	365.79	0 ANNUAL	EMRSS	5	
MINE	423821	5407504	0.09418	369	369	0 ANNUAL	EMRSS	5	
MINE	423821	5407408	0.08959	371.1	371.1	0 ANNUAL	EMRSS	5	
MINE	423821	5407312	0.08586	372	372	0 ANNUAL	EMRSS	5	
MINE	423821	5407216	0.08285	371.72	371.72	0 ANNUAL	EMRSS	5	
MINE	423821	5407119	0.08016	371	371	0 ANNUAL	EMRSS	5	
MINE	423821	5407023	0.07735	371	371	0 ANNUAL	EMRSS	5	
MINE	423722	5408177	0.13352	359.06	359.06	0 ANNUAL	EMRSS	5	
MINE	423722	5408081	0.12649	358	358	0 ANNUAL	EMRSS	5	
MINE	423722	5407985	0.11982	356.35	356.35	0 ANNUAL	EMRSS	5	
MINE	423722	5407889	0.11465	357	357	0 ANNUAL	EMRSS	5	
MINE	423722	5407792	0.11013	358.55	358.55	0 ANNUAL	EMRSS	5	
MINE	423722	5407696	0.10519	360	360	0 ANNUAL	EMRSS	5	
MINE	423722	5407600	0.09878	363.84	363.84	0 ANNUAL	EMRSS	5	
MINE	423722	5407504	0.09302	368	368	0 ANNUAL	EMRSS	5	
MINE	423722	5407408	0.08855	370.1	370.1	0 ANNUAL	EMRSS	5	
MINE	423722	5407312	0.08503	370.74	370.74	0 ANNUAL	EMRSS	5	
MINE	423722	5407216	0.08228	370	370	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	423722	5407119	0.0794	369.91	369.91	0 ANNUAL	EMRSS	5	
MINE	423722	5407023	0.07662	370	370	0 ANNUAL	EMRSS	5	
MINE	423623	5408177	0.1307	357	357	0 ANNUAL	EMRSS	5	
MINE	423623	5408081	0.12369	356	356	0 ANNUAL	EMRSS	5	
MINE	423623	5407985	0.1178	356	356	0 ANNUAL	EMRSS	5	
MINE	423623	5407889	0.11275	356.87	356.87	0 ANNUAL	EMRSS	5	
MINE	423623	5407792	0.10813	358	358	0 ANNUAL	EMRSS	5	
MINE	423623	5407696	0.10339	360.04	360.04	0 ANNUAL	EMRSS	5	
MINE	423623	5407600	0.09703	363.9	363.9	0 ANNUAL	EMRSS	5	
MINE	423623	5407504	0.0918	367.05	367.05	0 ANNUAL	EMRSS	5	
MINE	423623	5407408	0.08751	369	369	0 ANNUAL	EMRSS	5	
MINE	423623	5407312	0.08434	369	369	0 ANNUAL	EMRSS	5	
MINE	423623	5407216	0.08173	368	368	0 ANNUAL	EMRSS	5	
MINE	423623	5407119	0.07921	367	367	0 ANNUAL	EMRSS	5	
MINE	423623	5407023	0.07663	366.54	366.54	0 ANNUAL	EMRSS	5	
MINE	423525	5408177	0.12815	355	355	0 ANNUAL	EMRSS	5	
MINE	423525	5408081	0.12168	355	355	0 ANNUAL	EMRSS	5	
MINE	423525	5407985	0.1158	355	355	0 ANNUAL	EMRSS	5	
MINE	423525	5407889	0.11082	356	356	0 ANNUAL	EMRSS	5	
MINE	423525	5407792	0.10642	357.67	357.67	0 ANNUAL	EMRSS	5	
MINE	423426	5408177	0.12582	353	353	0 ANNUAL	EMRSS	5	
MINE	423426	5408081	0.11999	354	354	0 ANNUAL	EMRSS	5	
MINE	423426	5407985	0.11413	354	354	0 ANNUAL	EMRSS	5	
MINE	423426	5407889	0.10939	355.56	355.56	0 ANNUAL	EMRSS	5	
MINE	423426	5407792	0.10543	358.78	372	0 ANNUAL	EMRSS	5	
MINE	423327	5408177	0.12412	352	352	0 ANNUAL	EMRSS	5	
MINE	423327	5408081	0.11822	352.5	352.5	0 ANNUAL	EMRSS	5	
MINE	423327	5407985	0.11272	353	353	0 ANNUAL	EMRSS	5	
MINE	423327	5407889	0.10817	355	378	0 ANNUAL	EMRSS	5	
MINE	423327	5407792	0.10368	360.58	380	0 ANNUAL	EMRSS	5	
MINE	423229	5408177	0.12413	354.3	354.3	0 ANNUAL	EMRSS	5	
MINE	423229	5408081	0.11847	355	355	0 ANNUAL	EMRSS	5	
MINE	423229	5407985	0.11304	355.59	355.59	0 ANNUAL	EMRSS	5	
MINE	423229	5407889	0.10842	357.72	381	0 ANNUAL	EMRSS	5	
MINE	423229	5407792	0.09937	367.49	380	0 ANNUAL	EMRSS	5	
MINE	423130	5408177	0.12333	356	356	0 ANNUAL	EMRSS	5	
MINE	423130	5408081	0.1181	357	357	0 ANNUAL	EMRSS	5	
MINE	423130	5407985	0.11295	357.83	357.83	0 ANNUAL	EMRSS	5	
MINE	423130	5407889	0.10732	360.74	380	0 ANNUAL	EMRSS	5	
MINE	424284	5408273	0.15139	352.46	352.46	0 ANNUAL	EMRSS	5	
MINE	424284	5408372	0.15897	351	351	0 ANNUAL	EMRSS	5	
MINE	424284	5408471	0.1666	349	349	0 ANNUAL	EMRSS	5	
MINE	424284	5408569	0.17557	347.79	347.79	0 ANNUAL	EMRSS	5	
MINE	424188	5408273	0.14868	352	352	0 ANNUAL	EMRSS	5	
MINE	424188	5408372	0.15568	350.26	350.26	0 ANNUAL	EMRSS	5	
MINE	424188	5408471	0.16366	349	349	0 ANNUAL	EMRSS	5	
MINE	424188	5408569	0.17148	347.04	347.04	0 ANNUAL	EMRSS	5	
MINE	424092	5408273	0.14682	353	353	0 ANNUAL	EMRSS	5	
MINE	424092	5408372	0.15348	351.02	351.02	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	424092	5408471	0.1615	350	350	0 ANNUAL	EMRSS	5	
MINE	424092	5408569	0.16892	347.79	347.79	0 ANNUAL	EMRSS	5	
MINE	423995	5408273	0.14531	354.72	354.72	0 ANNUAL	EMRSS	5	
MINE	423995	5408372	0.15187	352.59	352.59	0 ANNUAL	EMRSS	5	
MINE	423995	5408471	0.15888	350.49	350.49	0 ANNUAL	EMRSS	5	
MINE	423995	5408569	0.16576	347.85	347.85	0 ANNUAL	EMRSS	5	
MINE	423899	5408273	0.14453	357.85	357.85	0 ANNUAL	EMRSS	5	
MINE	423899	5408372	0.15095	355.06	355.06	0 ANNUAL	EMRSS	5	
MINE	423899	5408471	0.15663	351.16	351.16	0 ANNUAL	EMRSS	5	
MINE	423899	5408569	0.16376	348.73	348.73	0 ANNUAL	EMRSS	5	
MINE	423803	5408273	0.14201	360	360	0 ANNUAL	EMRSS	5	
MINE	423803	5408372	0.14997	357.44	357.44	0 ANNUAL	EMRSS	5	
MINE	423803	5408471	0.15502	352.21	352.21	0 ANNUAL	EMRSS	5	
MINE	423803	5408569	0.16243	349.96	349.96	0 ANNUAL	EMRSS	5	
MINE	423707	5408273	0.14043	358.98	358.98	0 ANNUAL	EMRSS	5	
MINE	423707	5408372	0.1471	356.34	356.34	0 ANNUAL	EMRSS	5	
MINE	423707	5408471	0.15292	352.27	352.27	0 ANNUAL	EMRSS	5	
MINE	423707	5408569	0.16028	350.01	350.01	0 ANNUAL	EMRSS	5	
MINE	423611	5408273	0.13704	355.94	355.94	0 ANNUAL	EMRSS	5	
MINE	423611	5408372	0.14348	353.6	353.6	0 ANNUAL	EMRSS	5	
MINE	423611	5408471	0.15031	351.33	351.33	0 ANNUAL	EMRSS	5	
MINE	423611	5408569	0.15828	350	350	0 ANNUAL	EMRSS	5	
MINE	423515	5408273	0.13399	353.29	353.29	0 ANNUAL	EMRSS	5	
MINE	423515	5408372	0.14081	352	352	0 ANNUAL	EMRSS	5	
MINE	423515	5408471	0.14833	351	351	0 ANNUAL	EMRSS	5	
MINE	423515	5408569	0.15624	350	350	0 ANNUAL	EMRSS	5	
MINE	423418	5408273	0.1319	352	352	0 ANNUAL	EMRSS	5	
MINE	423418	5408372	0.1386	351	351	0 ANNUAL	EMRSS	5	
MINE	423418	5408471	0.14598	350.37	350.37	0 ANNUAL	EMRSS	5	
MINE	423418	5408569	0.15389	350	350	0 ANNUAL	EMRSS	5	
MINE	423322	5408273	0.12992	351	351	0 ANNUAL	EMRSS	5	
MINE	423322	5408372	0.13691	351	351	0 ANNUAL	EMRSS	5	
MINE	423322	5408471	0.14425	351	351	0 ANNUAL	EMRSS	5	
MINE	423322	5408569	0.15112	350.13	350.13	0 ANNUAL	EMRSS	5	
MINE	423226	5408273	0.13015	354	354	0 ANNUAL	EMRSS	5	
MINE	423226	5408372	0.13613	353	353	0 ANNUAL	EMRSS	5	
MINE	423226	5408471	0.14223	352	352	0 ANNUAL	EMRSS	5	
MINE	423226	5408569	0.14857	351.25	351.25	0 ANNUAL	EMRSS	5	
MINE	423130	5408273	0.12866	355.12	355.12	0 ANNUAL	EMRSS	5	
MINE	423130	5408372	0.13454	354.82	354.82	0 ANNUAL	EMRSS	5	
MINE	423130	5408471	0.13999	353.62	353.62	0 ANNUAL	EMRSS	5	
MINE	423130	5408569	0.14588	353	353	0 ANNUAL	EMRSS	5	
MINE	423530	5415023	0.10944	394	394	0 ANNUAL	EMRSS	5	
MINE	423730	5415023	0.10878	395.63	395.63	0 ANNUAL	EMRSS	5	
MINE	423930	5415023	0.10977	396.34	396.34	0 ANNUAL	EMRSS	5	
MINE	424130	5414623	0.12192	400	400	0 ANNUAL	EMRSS	5	
MINE	424130	5414823	0.11795	397.55	397.55	0 ANNUAL	EMRSS	5	
MINE	424130	5415023	0.11018	398	398	0 ANNUAL	EMRSS	5	
MINE	424330	5414623	0.12554	399.72	399.72	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	424330	5414823	0.11715	400	400	0 ANNUAL	EMRSS	5	
MINE	424330	5415023	0.11416	397	397	0 ANNUAL	EMRSS	5	
MINE	424530	5414623	0.13841	393.92	393.92	0 ANNUAL	EMRSS	5	
MINE	424530	5414823	0.12882	394.09	394.09	0 ANNUAL	EMRSS	5	
MINE	424530	5415023	0.12153	393.27	393.27	0 ANNUAL	EMRSS	5	
MINE	424730	5414623	0.15067	388	388	0 ANNUAL	EMRSS	5	
MINE	424730	5414823	0.14122	387	387	0 ANNUAL	EMRSS	5	
MINE	424730	5415023	0.13246	386.18	386.18	0 ANNUAL	EMRSS	5	
MINE	424930	5414223	0.18349	386	386	0 ANNUAL	EMRSS	5	
MINE	424930	5414423	0.16501	388.43	388.43	0 ANNUAL	EMRSS	5	
MINE	424930	5414623	0.14991	390.27	390.27	0 ANNUAL	EMRSS	5	
MINE	424930	5414823	0.14324	387.3	387.3	0 ANNUAL	EMRSS	5	
MINE	424930	5415023	0.13982	381	381	0 ANNUAL	EMRSS	5	
MINE	425130	5414223	0.17179	392.46	395	0 ANNUAL	EMRSS	5	
MINE	425130	5414423	0.17426	383	383	0 ANNUAL	EMRSS	5	
MINE	425130	5414623	0.1558	387	387	0 ANNUAL	EMRSS	5	
MINE	425130	5414823	0.14729	384.85	384.85	0 ANNUAL	EMRSS	5	
MINE	425130	5415023	0.14085	381	381	0 ANNUAL	EMRSS	5	
MINE	425330	5414223	0.18214	384.97	384.97	0 ANNUAL	EMRSS	5	
MINE	425330	5414423	0.17375	381	381	0 ANNUAL	EMRSS	5	
MINE	425330	5414623	0.15968	382.16	382.16	0 ANNUAL	EMRSS	5	
MINE	425330	5414823	0.14964	381	381	0 ANNUAL	EMRSS	5	
MINE	425330	5415023	0.14204	378	378	0 ANNUAL	EMRSS	5	
MINE	425530	5414223	0.17833	382	382	0 ANNUAL	EMRSS	5	
MINE	425530	5414423	0.16768	380	380	0 ANNUAL	EMRSS	5	
MINE	425530	5414623	0.15691	379	379	0 ANNUAL	EMRSS	5	
MINE	425530	5414823	0.1463	379	379	0 ANNUAL	EMRSS	5	
MINE	425530	5415023	0.13763	378	378	0 ANNUAL	EMRSS	5	
MINE	425730	5414223	0.17133	381	381	0 ANNUAL	EMRSS	5	
MINE	425730	5414423	0.15965	380	380	0 ANNUAL	EMRSS	5	
MINE	425730	5414623	0.14835	380	380	0 ANNUAL	EMRSS	5	
MINE	425730	5414823	0.13846	380	380	0 ANNUAL	EMRSS	5	
MINE	425730	5415023	0.13053	379	379	0 ANNUAL	EMRSS	5	
MINE	425930	5414223	0.16774	380	380	0 ANNUAL	EMRSS	5	
MINE	425930	5414423	0.1533	381	381	0 ANNUAL	EMRSS	5	
MINE	425930	5414623	0.14087	382	382	0 ANNUAL	EMRSS	5	
MINE	425930	5414823	0.132	381	381	0 ANNUAL	EMRSS	5	
MINE	425930	5415023	0.12496	379	379	0 ANNUAL	EMRSS	5	
MINE	426130	5414223	0.16544	380.57	380.57	0 ANNUAL	EMRSS	5	
MINE	426130	5414423	0.15039	382	382	0 ANNUAL	EMRSS	5	
MINE	426130	5414623	0.13668	384	384	0 ANNUAL	EMRSS	5	
MINE	426130	5414823	0.12689	383.86	383.86	0 ANNUAL	EMRSS	5	
MINE	426130	5415023	0.12015	381.47	381.47	0 ANNUAL	EMRSS	5	
MINE	426330	5414223	0.16535	380	380	0 ANNUAL	EMRSS	5	
MINE	426330	5414423	0.15219	380	380	0 ANNUAL	EMRSS	5	
MINE	426330	5414623	0.1386	381.87	381.87	0 ANNUAL	EMRSS	5	
MINE	426330	5414823	0.12486	385.51	385.51	0 ANNUAL	EMRSS	5	
MINE	426330	5415023	0.11422	387.56	387.56	0 ANNUAL	EMRSS	5	
MINE	426530	5414223	0.1659	378	378	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	426530	5414423	0.15219	379	379	0 ANNUAL	EMRSS	5	
MINE	426530	5414623	0.13885	381	381	0 ANNUAL	EMRSS	5	
MINE	426530	5414823	0.1229	386.94	386.94	0 ANNUAL	EMRSS	5	
MINE	426530	5415023	0.11148	390	390	0 ANNUAL	EMRSS	5	
MINE	426730	5414223	0.16179	378	378	0 ANNUAL	EMRSS	5	
MINE	426730	5414423	0.15019	378.61	378.61	0 ANNUAL	EMRSS	5	
MINE	426730	5414623	0.13843	380	380	0 ANNUAL	EMRSS	5	
MINE	426730	5414823	0.12223	386.74	386.74	0 ANNUAL	EMRSS	5	
MINE	426730	5415023	0.11166	389.16	389.16	0 ANNUAL	EMRSS	5	
MINE	426930	5414223	0.1543	378.5	378.5	0 ANNUAL	EMRSS	5	
MINE	426930	5414423	0.14528	379	379	0 ANNUAL	EMRSS	5	
MINE	426930	5414623	0.13571	380	380	0 ANNUAL	EMRSS	5	
MINE	426930	5414823	0.12459	383	383	0 ANNUAL	EMRSS	5	
MINE	426930	5415023	0.11492	385	385	0 ANNUAL	EMRSS	5	
MINE	427130	5414223	0.14308	380	380	0 ANNUAL	EMRSS	5	
MINE	427130	5414423	0.1372	380	380	0 ANNUAL	EMRSS	5	
MINE	427130	5414623	0.12996	381	381	0 ANNUAL	EMRSS	5	
MINE	427130	5414823	0.12248	382	382	0 ANNUAL	EMRSS	5	
MINE	427130	5415023	0.11411	384	384	0 ANNUAL	EMRSS	5	
MINE	427330	5414223	0.13224	380	380	0 ANNUAL	EMRSS	5	
MINE	427330	5414423	0.12728	381	381	0 ANNUAL	EMRSS	5	
MINE	427330	5414623	0.12223	381.79	381.79	0 ANNUAL	EMRSS	5	
MINE	427330	5414823	0.11729	382.06	382.06	0 ANNUAL	EMRSS	5	
MINE	427330	5415023	0.11149	383	383	0 ANNUAL	EMRSS	5	
MINE	427530	5414223	0.11884	383	383	0 ANNUAL	EMRSS	5	
MINE	427530	5414423	0.11605	383	383	0 ANNUAL	EMRSS	5	
MINE	427530	5414623	0.11303	383	383	0 ANNUAL	EMRSS	5	
MINE	427530	5414823	0.11054	382	382	0 ANNUAL	EMRSS	5	
MINE	427530	5415023	0.1074	381.28	381.28	0 ANNUAL	EMRSS	5	
MINE	427730	5414223	0.10392	388.65	388.65	0 ANNUAL	EMRSS	5	
MINE	427730	5414423	0.1043	386.28	386.28	0 ANNUAL	EMRSS	5	
MINE	427730	5414623	0.10241	386	386	0 ANNUAL	EMRSS	5	
MINE	427730	5414823	0.10091	385	385	0 ANNUAL	EMRSS	5	
MINE	427730	5415023	0.09965	383.26	383.26	0 ANNUAL	EMRSS	5	
MINE	427930	5414223	0.08954	394.48	400	0 ANNUAL	EMRSS	5	
MINE	427930	5414423	0.09814	384	384	0 ANNUAL	EMRSS	5	
MINE	427930	5414623	0.09912	380	380	0 ANNUAL	EMRSS	5	
MINE	427930	5414823	0.09715	380	380	0 ANNUAL	EMRSS	5	
MINE	427930	5415023	0.09449	381	381	0 ANNUAL	EMRSS	5	
MINE	428130	5414223	0.07805	399.38	399.38	0 ANNUAL	EMRSS	5	
MINE	428130	5414423	0.08712	388.75	388.75	0 ANNUAL	EMRSS	5	
MINE	428130	5414623	0.0912	381.08	381.08	0 ANNUAL	EMRSS	5	
MINE	428130	5414823	0.09082	379	379	0 ANNUAL	EMRSS	5	
MINE	428130	5415023	0.08879	379.67	379.67	0 ANNUAL	EMRSS	5	
MINE	428330	5414223	0.0772	392.58	411	0 ANNUAL	EMRSS	5	
MINE	428330	5414423	0.07809	392	392	0 ANNUAL	EMRSS	5	
MINE	428330	5414623	0.08405	382	382	0 ANNUAL	EMRSS	5	
MINE	428330	5414823	0.08253	382.78	382.78	0 ANNUAL	EMRSS	5	
MINE	428330	5415023	0.08264	380	380	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
MINE	428530	5414223	0.06397	403.11	403.11	0 ANNUAL	EMRSS	5
MINE	428530	5414423	0.07342	390.52	390.52	0 ANNUAL	EMRSS	5
MINE	428530	5414623	0.07328	389.99	389.99	0 ANNUAL	EMRSS	5
MINE	428530	5414823	0.07208	391	391	0 ANNUAL	EMRSS	5
MINE	428530	5415023	0.07136	391	391	0 ANNUAL	EMRSS	5
MINE	428730	5414223	0.06135	401.33	401.33	0 ANNUAL	EMRSS	5
MINE	428730	5414423	0.06325	397.11	410	0 ANNUAL	EMRSS	5
MINE	428730	5414623	0.06202	399.21	399.21	0 ANNUAL	EMRSS	5
MINE	428730	5414823	0.06339	396.87	396.87	0 ANNUAL	EMRSS	5
MINE	428730	5415023	0.06141	399.35	399.35	0 ANNUAL	EMRSS	5
MINE	428930	5412623	0.07131	396	396	0 ANNUAL	EMRSS	5
MINE	428930	5412823	0.06986	395.38	395.38	0 ANNUAL	EMRSS	5
MINE	428930	5413023	0.07126	392	392	0 ANNUAL	EMRSS	5
MINE	428930	5413223	0.07174	390.08	390.08	0 ANNUAL	EMRSS	5
MINE	429130	5412623	0.06539	399	399	0 ANNUAL	EMRSS	5
MINE	429130	5412823	0.0653	396.27	396.27	0 ANNUAL	EMRSS	5
MINE	429130	5413023	0.06694	391.83	391.83	0 ANNUAL	EMRSS	5
MINE	429130	5413223	0.06735	390	390	0 ANNUAL	EMRSS	5
MINE	429330	5412623	0.06154	400	400	0 ANNUAL	EMRSS	5
MINE	429330	5412823	0.06006	399.16	399.16	0 ANNUAL	EMRSS	5
MINE	429330	5413023	0.06101	395.32	395.32	0 ANNUAL	EMRSS	5
MINE	429330	5413223	0.06331	389.89	389.89	0 ANNUAL	EMRSS	5
MINE	429530	5412623	0.06008	398	398	0 ANNUAL	EMRSS	5
MINE	429530	5412823	0.05791	398	398	0 ANNUAL	EMRSS	5
MINE	429530	5413023	0.05514	400	400	0 ANNUAL	EMRSS	5
MINE	429530	5413223	0.05716	394.35	400	0 ANNUAL	EMRSS	5
MINE	429730	5412623	0.05953	394.58	394.58	0 ANNUAL	EMRSS	5
MINE	429730	5412823	0.05845	392	392	0 ANNUAL	EMRSS	5
MINE	429730	5413023	0.05756	390	390	0 ANNUAL	EMRSS	5
MINE	429730	5413223	0.05678	389	389	0 ANNUAL	EMRSS	5
MINE	429730	5413423	0.05524	391	391	0 ANNUAL	EMRSS	5
MINE	429730	5413623	0.05833	382	382	0 ANNUAL	EMRSS	5
MINE	429730	5413823	0.05633	385.87	385.87	0 ANNUAL	EMRSS	5
MINE	429730	5414023	0.05554	384.83	384.83	0 ANNUAL	EMRSS	5
MINE	429930	5412623	0.05849	392	392	0 ANNUAL	EMRSS	5
MINE	429930	5412823	0.05635	391	391	0 ANNUAL	EMRSS	5
MINE	429930	5413023	0.05561	388.2	388.2	0 ANNUAL	EMRSS	5
MINE	429930	5413223	0.05463	387.12	387.12	0 ANNUAL	EMRSS	5
MINE	429930	5413423	0.05268	390	390	0 ANNUAL	EMRSS	5
MINE	429930	5413623	0.05504	381.89	391	0 ANNUAL	EMRSS	5
MINE	429930	5413823	0.05466	381.85	381.85	0 ANNUAL	EMRSS	5
MINE	429930	5414023	0.05231	387	387	0 ANNUAL	EMRSS	5
MINE	430130	5412623	0.05722	390	390	0 ANNUAL	EMRSS	5
MINE	430130	5412823	0.05527	388	388	0 ANNUAL	EMRSS	5
MINE	430130	5413023	0.05394	386	386	0 ANNUAL	EMRSS	5
MINE	430130	5413223	0.05302	384.11	384.11	0 ANNUAL	EMRSS	5
MINE	430130	5413423	0.05251	382.36	385	0 ANNUAL	EMRSS	5
MINE	430130	5413623	0.05262	380	380	0 ANNUAL	EMRSS	5
MINE	430130	5413823	0.05184	381.62	381.62	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
MINE	430130	5414023	0.05099	383	383	0 ANNUAL	EMRSS	5
MINE	430330	5412623	0.05559	389	389	0 ANNUAL	EMRSS	5
MINE	430330	5412823	0.05383	386	386	0 ANNUAL	EMRSS	5
MINE	430330	5413023	0.0526	383	383	0 ANNUAL	EMRSS	5
MINE	430330	5413223	0.05174	380	380	0 ANNUAL	EMRSS	5
MINE	430330	5413423	0.05057	380	380	0 ANNUAL	EMRSS	5
MINE	430330	5413623	0.05036	378	378	0 ANNUAL	EMRSS	5
MINE	430330	5413823	0.04782	386.26	390	0 ANNUAL	EMRSS	5
MINE	430330	5414023	0.04647	390.05	390.05	0 ANNUAL	EMRSS	5
MINE	430530	5413423	0.04848	379	379	0 ANNUAL	EMRSS	5
MINE	430530	5413623	0.04787	378	378	0 ANNUAL	EMRSS	5
MINE	430530	5413823	0.04733	378.34	378.34	0 ANNUAL	EMRSS	5
MINE	430530	5414023	0.04473	388.07	388.07	0 ANNUAL	EMRSS	5
MINE	430730	5413423	0.0465	378.5	378.5	0 ANNUAL	EMRSS	5
MINE	430730	5413623	0.04565	378	378	0 ANNUAL	EMRSS	5
MINE	430730	5413823	0.04488	379	379	0 ANNUAL	EMRSS	5
MINE	430730	5414023	0.04437	380	380	0 ANNUAL	EMRSS	5
MINE	430930	5413423	0.04471	378	378	0 ANNUAL	EMRSS	5
MINE	430930	5413623	0.04367	378	378	0 ANNUAL	EMRSS	5
MINE	430930	5413823	0.04275	379.29	379.29	0 ANNUAL	EMRSS	5
MINE	430930	5414023	0.04242	379	379	0 ANNUAL	EMRSS	5
MINE	431130	5413423	0.04318	377	377	0 ANNUAL	EMRSS	5
MINE	431130	5413623	0.0419	378	378	0 ANNUAL	EMRSS	5
MINE	431130	5413823	0.04128	377.01	377.01	0 ANNUAL	EMRSS	5
MINE	431130	5414023	0.04064	378	378	0 ANNUAL	EMRSS	5
MINE	428330	5407423	0.08425	364	364	0 ANNUAL	EMRSS	5
MINE	428330	5407223	0.08213	359.51	359.51	0 ANNUAL	EMRSS	5
MINE	428330	5407023	0.07805	354.12	354.12	0 ANNUAL	EMRSS	5
MINE	428330	5406823	0.0752	358	358	0 ANNUAL	EMRSS	5
MINE	428330	5406623	0.07136	362	362	0 ANNUAL	EMRSS	5
MINE	428330	5406423	0.06755	364.03	364.03	0 ANNUAL	EMRSS	5
MINE	428330	5406223	0.0638	365.42	365.42	0 ANNUAL	EMRSS	5
MINE	428330	5406023	0.06056	363.67	363.67	0 ANNUAL	EMRSS	5
MINE	428330	5405823	0.05747	362	362	0 ANNUAL	EMRSS	5
MINE	428330	5405623	0.05461	360.27	360.27	0 ANNUAL	EMRSS	5
MINE	428330	5405423	0.05136	362	362	0 ANNUAL	EMRSS	5
MINE	428330	5405223	0.04827	364.84	364.84	0 ANNUAL	EMRSS	5
MINE	428330	5405023	0.04548	367.47	367.47	0 ANNUAL	EMRSS	5
MINE	428330	5404823	0.0429	370	370	0 ANNUAL	EMRSS	5
MINE	428330	5404623	0.04071	370	370	0 ANNUAL	EMRSS	5
MINE	428330	5404423	0.03863	370	370	0 ANNUAL	EMRSS	5
MINE	428330	5404223	0.03666	370	370	0 ANNUAL	EMRSS	5
MINE	428330	5404023	0.0348	370	370	0 ANNUAL	EMRSS	5
MINE	428530	5407423	0.0802	363.26	363.26	0 ANNUAL	EMRSS	5
MINE	428530	5407223	0.07768	355.62	355.62	0 ANNUAL	EMRSS	5
MINE	428530	5407023	0.07489	360.01	360.01	0 ANNUAL	EMRSS	5
MINE	428530	5406823	0.07179	361	361	0 ANNUAL	EMRSS	5
MINE	428530	5406623	0.06878	362	362	0 ANNUAL	EMRSS	5
MINE	428530	5406423	0.06561	364	364	0 ANNUAL	EMRSS	5



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	428530	5406223	0.06271	363	363	0 ANNUAL	EMRSS	5	
MINE	428530	5406023	0.05981	361.72	361.72	0 ANNUAL	EMRSS	5	
MINE	428530	5405823	0.05705	360	360	0 ANNUAL	EMRSS	5	
MINE	428530	5405623	0.05393	361	361	0 ANNUAL	EMRSS	5	
MINE	428530	5405423	0.05084	363	363	0 ANNUAL	EMRSS	5	
MINE	428530	5405223	0.04797	365	365	0 ANNUAL	EMRSS	5	
MINE	428530	5405023	0.04529	367.36	367.36	0 ANNUAL	EMRSS	5	
MINE	428530	5404823	0.04289	369	369	0 ANNUAL	EMRSS	5	
MINE	428530	5404623	0.04072	370	370	0 ANNUAL	EMRSS	5	
MINE	428530	5404423	0.03875	370	370	0 ANNUAL	EMRSS	5	
MINE	428530	5404223	0.03688	370	370	0 ANNUAL	EMRSS	5	
MINE	428530	5404023	0.0351	370	370	0 ANNUAL	EMRSS	5	
MINE	428730	5407423	0.07649	363.37	363.37	0 ANNUAL	EMRSS	5	
MINE	428730	5407223	0.07367	353	353	0 ANNUAL	EMRSS	5	
MINE	428730	5407023	0.0712	355.9	355.9	0 ANNUAL	EMRSS	5	
MINE	428730	5406823	0.06851	361	361	0 ANNUAL	EMRSS	5	
MINE	428730	5406623	0.06591	362	362	0 ANNUAL	EMRSS	5	
MINE	428730	5406423	0.0635	362	362	0 ANNUAL	EMRSS	5	
MINE	428730	5406223	0.061	362	362	0 ANNUAL	EMRSS	5	
MINE	428730	5406023	0.05867	360	360	0 ANNUAL	EMRSS	5	
MINE	428730	5405823	0.05601	360	360	0 ANNUAL	EMRSS	5	
MINE	428730	5405623	0.05317	361.18	361.18	0 ANNUAL	EMRSS	5	
MINE	428730	5405423	0.05032	363	363	0 ANNUAL	EMRSS	5	
MINE	428730	5405223	0.04759	365	365	0 ANNUAL	EMRSS	5	
MINE	428730	5405023	0.04502	367	367	0 ANNUAL	EMRSS	5	
MINE	428730	5404823	0.04274	368	368	0 ANNUAL	EMRSS	5	
MINE	428730	5404623	0.04063	369	369	0 ANNUAL	EMRSS	5	
MINE	428730	5404423	0.03867	370	370	0 ANNUAL	EMRSS	5	
MINE	428730	5404223	0.0369	370	370	0 ANNUAL	EMRSS	5	
MINE	428730	5404023	0.03522	370	370	0 ANNUAL	EMRSS	5	
MINE	428930	5407423	0.07385	361.48	361.48	0 ANNUAL	EMRSS	5	
MINE	428930	5407223	0.07062	354	354	0 ANNUAL	EMRSS	5	
MINE	428930	5407023	0.068	356	356	0 ANNUAL	EMRSS	5	
MINE	428930	5406823	0.06564	360	360	0 ANNUAL	EMRSS	5	
MINE	428930	5406623	0.0634	360	360	0 ANNUAL	EMRSS	5	
MINE	428930	5406423	0.06127	360	360	0 ANNUAL	EMRSS	5	
MINE	428930	5406223	0.05914	359.97	359.97	0 ANNUAL	EMRSS	5	
MINE	428930	5406023	0.05703	359.25	359.25	0 ANNUAL	EMRSS	5	
MINE	428930	5405823	0.05467	360	360	0 ANNUAL	EMRSS	5	
MINE	428930	5405623	0.0522	361.1	361.1	0 ANNUAL	EMRSS	5	
MINE	428930	5405423	0.04964	363	363	0 ANNUAL	EMRSS	5	
MINE	428930	5405223	0.04721	364	364	0 ANNUAL	EMRSS	5	
MINE	428930	5405023	0.04477	365.92	365.92	0 ANNUAL	EMRSS	5	
MINE	428930	5404823	0.04254	366.94	366.94	0 ANNUAL	EMRSS	5	
MINE	428930	5404623	0.04046	368	368	0 ANNUAL	EMRSS	5	
MINE	428930	5404423	0.03859	368.43	368.43	0 ANNUAL	EMRSS	5	
MINE	428930	5404223	0.03684	369	369	0 ANNUAL	EMRSS	5	
MINE	428930	5404023	0.03523	369	369	0 ANNUAL	EMRSS	5	
MINE	429130	5408823	0.09393	389	389	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	429130	5408623	0.09073	389	389	0 ANNUAL	EMRSS	5	
MINE	429130	5407423	0.0717	359.59	359.59	0 ANNUAL	EMRSS	5	
MINE	429130	5407223	0.06795	355	355	0 ANNUAL	EMRSS	5	
MINE	429130	5407023	0.06523	356.68	356.68	0 ANNUAL	EMRSS	5	
MINE	429130	5406823	0.06287	358	358	0 ANNUAL	EMRSS	5	
MINE	429130	5406623	0.0607	358	358	0 ANNUAL	EMRSS	5	
MINE	429130	5406423	0.05881	359	359	0 ANNUAL	EMRSS	5	
MINE	429130	5406223	0.05683	360	360	0 ANNUAL	EMRSS	5	
MINE	429130	5406023	0.05498	360	360	0 ANNUAL	EMRSS	5	
MINE	429130	5405823	0.05294	361	361	0 ANNUAL	EMRSS	5	
MINE	429130	5405623	0.05097	361	361	0 ANNUAL	EMRSS	5	
MINE	429130	5405423	0.04874	363	363	0 ANNUAL	EMRSS	5	
MINE	429130	5405223	0.04657	364	364	0 ANNUAL	EMRSS	5	
MINE	429130	5405023	0.0444	365	365	0 ANNUAL	EMRSS	5	
MINE	429130	5404823	0.04228	366	366	0 ANNUAL	EMRSS	5	
MINE	429130	5404623	0.04026	367	367	0 ANNUAL	EMRSS	5	
MINE	429130	5404423	0.03837	368	368	0 ANNUAL	EMRSS	5	
MINE	429130	5404223	0.03652	370	370	0 ANNUAL	EMRSS	5	
MINE	429130	5404023	0.03497	370	370	0 ANNUAL	EMRSS	5	
MINE	429330	5408823	0.09065	384.78	384.78	0 ANNUAL	EMRSS	5	
MINE	429330	5408623	0.08826	385.38	385.38	0 ANNUAL	EMRSS	5	
MINE	429330	5407423	0.06912	357.52	357.52	0 ANNUAL	EMRSS	5	
MINE	429330	5407223	0.06551	355	355	0 ANNUAL	EMRSS	5	
MINE	429330	5407023	0.06269	356	356	0 ANNUAL	EMRSS	5	
MINE	429330	5406823	0.06026	357	357	0 ANNUAL	EMRSS	5	
MINE	429330	5406623	0.05817	358	358	0 ANNUAL	EMRSS	5	
MINE	429330	5406423	0.05634	359.08	359.08	0 ANNUAL	EMRSS	5	
MINE	429330	5406223	0.05463	359.33	359.33	0 ANNUAL	EMRSS	5	
MINE	429330	5406023	0.05289	360	360	0 ANNUAL	EMRSS	5	
MINE	429330	5405823	0.05114	361	361	0 ANNUAL	EMRSS	5	
MINE	429330	5405623	0.04939	362	362	0 ANNUAL	EMRSS	5	
MINE	429330	5405423	0.04766	362	362	0 ANNUAL	EMRSS	5	
MINE	429330	5405223	0.04569	364.29	364.29	0 ANNUAL	EMRSS	5	
MINE	429330	5405023	0.04365	366.92	366.92	0 ANNUAL	EMRSS	5	
MINE	429330	5404823	0.04169	368	368	0 ANNUAL	EMRSS	5	
MINE	429330	5404623	0.03986	368	368	0 ANNUAL	EMRSS	5	
MINE	429330	5404423	0.03801	369	369	0 ANNUAL	EMRSS	5	
MINE	429330	5404223	0.03628	370	370	0 ANNUAL	EMRSS	5	
MINE	429330	5404023	0.03474	370	370	0 ANNUAL	EMRSS	5	
MINE	429530	5408423	0.08301	379.99	379.99	0 ANNUAL	EMRSS	5	
MINE	429530	5408223	0.07991	377	377	0 ANNUAL	EMRSS	5	
MINE	429530	5408023	0.07646	372.71	372.71	0 ANNUAL	EMRSS	5	
MINE	429530	5407823	0.07355	365.16	365.16	0 ANNUAL	EMRSS	5	
MINE	429530	5407623	0.07072	359	359	0 ANNUAL	EMRSS	5	
MINE	429530	5407423	0.06682	356.81	356.81	0 ANNUAL	EMRSS	5	
MINE	429530	5407223	0.06343	355.91	355.91	0 ANNUAL	EMRSS	5	
MINE	429530	5407023	0.06061	357	357	0 ANNUAL	EMRSS	5	
MINE	429530	5406823	0.05805	357	357	0 ANNUAL	EMRSS	5	
MINE	429530	5406623	0.05598	359	359	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
MINE	429530	5406423	0.05246	368.52	368.52	0 ANNUAL	EMRSS	5
MINE	429530	5406223	0.05228	360	360	0 ANNUAL	EMRSS	5
MINE	429530	5406023	0.05079	360	360	0 ANNUAL	EMRSS	5
MINE	429530	5405823	0.04922	361	361	0 ANNUAL	EMRSS	5
MINE	429530	5405623	0.04772	362	362	0 ANNUAL	EMRSS	5
MINE	429530	5405423	0.0462	363	363	0 ANNUAL	EMRSS	5
MINE	429530	5405223	0.04456	365	365	0 ANNUAL	EMRSS	5
MINE	429530	5405023	0.04283	367.24	367.24	0 ANNUAL	EMRSS	5
MINE	429530	5404823	0.04105	369.21	369.21	0 ANNUAL	EMRSS	5
MINE	429530	5404623	0.03931	370	370	0 ANNUAL	EMRSS	5
MINE	429530	5404423	0.03764	370	370	0 ANNUAL	EMRSS	5
MINE	429530	5404223	0.03604	370	370	0 ANNUAL	EMRSS	5
MINE	429530	5404023	0.03459	369	369	0 ANNUAL	EMRSS	5
MINE	429730	5408423	0.07979	378	378	0 ANNUAL	EMRSS	5
MINE	429730	5408223	0.07762	374	374	0 ANNUAL	EMRSS	5
MINE	429730	5408023	0.07451	369.84	369.84	0 ANNUAL	EMRSS	5
MINE	429730	5407823	0.07193	361.19	361.19	0 ANNUAL	EMRSS	5
MINE	429730	5407623	0.06843	358	358	0 ANNUAL	EMRSS	5
MINE	429730	5407423	0.06474	356.37	356.37	0 ANNUAL	EMRSS	5
MINE	429730	5407223	0.06149	356	356	0 ANNUAL	EMRSS	5
MINE	429730	5407023	0.05868	357	357	0 ANNUAL	EMRSS	5
MINE	429730	5406823	0.05619	358	358	0 ANNUAL	EMRSS	5
MINE	429730	5406623	0.054	359	359	0 ANNUAL	EMRSS	5
MINE	429730	5406423	0.05068	367.04	367.04	0 ANNUAL	EMRSS	5
MINE	429730	5406223	0.04922	366.11	366.11	0 ANNUAL	EMRSS	5
MINE	429730	5406023	0.04815	364	364	0 ANNUAL	EMRSS	5
MINE	429730	5405823	0.04693	364	364	0 ANNUAL	EMRSS	5
MINE	429730	5405623	0.04577	364	364	0 ANNUAL	EMRSS	5
MINE	429730	5405423	0.04451	365	365	0 ANNUAL	EMRSS	5
MINE	429730	5405223	0.04315	367	367	0 ANNUAL	EMRSS	5
MINE	429730	5405023	0.04178	368	368	0 ANNUAL	EMRSS	5
MINE	429730	5404823	0.04025	370	370	0 ANNUAL	EMRSS	5
MINE	429730	5404623	0.03878	370	370	0 ANNUAL	EMRSS	5
MINE	429730	5404423	0.03731	369.39	369.39	0 ANNUAL	EMRSS	5
MINE	429730	5404223	0.03583	369	369	0 ANNUAL	EMRSS	5
MINE	429730	5404023	0.03436	369	369	0 ANNUAL	EMRSS	5
MINE	429930	5408423	0.0769	373.35	373.35	0 ANNUAL	EMRSS	5
MINE	429930	5408223	0.0752	369.56	369.56	0 ANNUAL	EMRSS	5
MINE	429930	5408023	0.07282	363.02	363.02	0 ANNUAL	EMRSS	5
MINE	429930	5407823	0.06991	359.29	359.29	0 ANNUAL	EMRSS	5
MINE	429930	5407623	0.06632	358	358	0 ANNUAL	EMRSS	5
MINE	429930	5407423	0.063	358.49	358.49	0 ANNUAL	EMRSS	5
MINE	429930	5407223	0.05972	356.39	356.39	0 ANNUAL	EMRSS	5
MINE	429930	5407023	0.05702	358	358	0 ANNUAL	EMRSS	5
MINE	429930	5406823	0.05453	359	359	0 ANNUAL	EMRSS	5
MINE	429930	5406623	0.05199	360.58	360.58	0 ANNUAL	EMRSS	5
MINE	429930	5406423	0.04956	363.04	363.04	0 ANNUAL	EMRSS	5
MINE	429930	5406223	0.04746	365.79	365.79	0 ANNUAL	EMRSS	5
MINE	429930	5406023	0.0458	367.78	367.78	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
MINE	429930	5405823	0.04461	368	368	0 ANNUAL	EMRSS	5
MINE	429930	5405623	0.04376	366.29	366.29	0 ANNUAL	EMRSS	5
MINE	429930	5405423	0.04279	366	366	0 ANNUAL	EMRSS	5
MINE	429930	5405223	0.04165	368	368	0 ANNUAL	EMRSS	5
MINE	429930	5405023	0.04052	369	369	0 ANNUAL	EMRSS	5
MINE	429930	5404823	0.0393	370	370	0 ANNUAL	EMRSS	5
MINE	429930	5404623	0.03806	370	370	0 ANNUAL	EMRSS	5
MINE	429930	5404423	0.03684	368.53	368.53	0 ANNUAL	EMRSS	5
MINE	429930	5404223	0.03551	368	368	0 ANNUAL	EMRSS	5
MINE	429930	5404023	0.03409	369	369	0 ANNUAL	EMRSS	5
MINE	430130	5408423	0.07331	371.22	371.22	0 ANNUAL	EMRSS	5
MINE	430130	5408223	0.07223	366.78	366.78	0 ANNUAL	EMRSS	5
MINE	430130	5408023	0.07029	361	361	0 ANNUAL	EMRSS	5
MINE	430130	5407823	0.06753	359	359	0 ANNUAL	EMRSS	5
MINE	430130	5407623	0.06415	360.53	360.53	0 ANNUAL	EMRSS	5
MINE	430130	5407423	0.06109	360	360	0 ANNUAL	EMRSS	5
MINE	430130	5407223	0.05809	357	357	0 ANNUAL	EMRSS	5
MINE	430130	5407023	0.05542	358	358	0 ANNUAL	EMRSS	5
MINE	430130	5406823	0.05298	359	359	0 ANNUAL	EMRSS	5
MINE	430130	5406623	0.05003	363.41	363.41	0 ANNUAL	EMRSS	5
MINE	430130	5406423	0.04727	369.41	369.41	0 ANNUAL	EMRSS	5
MINE	430130	5406223	0.04563	368.17	368.17	0 ANNUAL	EMRSS	5
MINE	430130	5406023	0.04393	369.69	369.69	0 ANNUAL	EMRSS	5
MINE	430130	5405823	0.04266	370.01	370.01	0 ANNUAL	EMRSS	5
MINE	430130	5405623	0.04187	368	368	0 ANNUAL	EMRSS	5
MINE	430130	5405423	0.04106	367	367	0 ANNUAL	EMRSS	5
MINE	430130	5405223	0.04012	368	368	0 ANNUAL	EMRSS	5
MINE	430130	5405023	0.03918	369	369	0 ANNUAL	EMRSS	5
MINE	430130	5404823	0.03824	369	369	0 ANNUAL	EMRSS	5
MINE	430130	5404623	0.03725	368.37	368.37	0 ANNUAL	EMRSS	5
MINE	430130	5404423	0.0362	367	367	0 ANNUAL	EMRSS	5
MINE	430130	5404223	0.03503	367.03	367.03	0 ANNUAL	EMRSS	5
MINE	430130	5404023	0.03371	369	369	0 ANNUAL	EMRSS	5
MINE	430330	5407423	0.0593	360.24	360.24	0 ANNUAL	EMRSS	5
MINE	430330	5407223	0.05651	357	357	0 ANNUAL	EMRSS	5
MINE	430330	5407023	0.05388	359.95	359.95	0 ANNUAL	EMRSS	5
MINE	430330	5406823	0.05108	362.08	362.08	0 ANNUAL	EMRSS	5
MINE	430330	5406623	0.04812	368.6	381	0 ANNUAL	EMRSS	5
MINE	430330	5406423	0.04472	380	380	0 ANNUAL	EMRSS	5
MINE	430330	5406223	0.0436	374.6	374.6	0 ANNUAL	EMRSS	5
MINE	430330	5406023	0.04194	374.95	374.95	0 ANNUAL	EMRSS	5
MINE	430330	5405823	0.04105	371.15	371.15	0 ANNUAL	EMRSS	5
MINE	430330	5405623	0.04015	369.53	369.53	0 ANNUAL	EMRSS	5
MINE	430330	5405423	0.0394	368	368	0 ANNUAL	EMRSS	5
MINE	430330	5405223	0.0386	368	368	0 ANNUAL	EMRSS	5
MINE	430330	5405023	0.03787	367.42	367.42	0 ANNUAL	EMRSS	5
MINE	430330	5404823	0.03711	367	367	0 ANNUAL	EMRSS	5
MINE	430330	5404623	0.0363	366.1	366.1	0 ANNUAL	EMRSS	5
MINE	430330	5404423	0.03538	366	366	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
MINE	430330	5404223	0.03434	367	367	0 ANNUAL	EMRSS	5
MINE	430330	5404023	0.0332	369	369	0 ANNUAL	EMRSS	5
MINE	430530	5410023	0.06969	381	381	0 ANNUAL	EMRSS	5
MINE	430530	5409823	0.06903	381	381	0 ANNUAL	EMRSS	5
MINE	430530	5409623	0.06891	380	380	0 ANNUAL	EMRSS	5
MINE	430530	5409423	0.06858	380	380	0 ANNUAL	EMRSS	5
MINE	430530	5409223	0.06767	381	381	0 ANNUAL	EMRSS	5
MINE	430530	5409023	0.06653	381	381	0 ANNUAL	EMRSS	5
MINE	430530	5408823	0.0655	379.88	379.88	0 ANNUAL	EMRSS	5
MINE	430530	5408623	0.0652	377.39	377.39	0 ANNUAL	EMRSS	5
MINE	430530	5407423	0.05757	360.46	360.46	0 ANNUAL	EMRSS	5
MINE	430530	5407223	0.05485	360.86	360.86	0 ANNUAL	EMRSS	5
MINE	430530	5407023	0.05247	360	360	0 ANNUAL	EMRSS	5
MINE	430530	5406823	0.04912	367.66	367.66	0 ANNUAL	EMRSS	5
MINE	430530	5406623	0.04633	374	374	0 ANNUAL	EMRSS	5
MINE	430530	5406423	0.04382	379	379	0 ANNUAL	EMRSS	5
MINE	430530	5406223	0.04209	378.54	378.54	0 ANNUAL	EMRSS	5
MINE	430530	5406023	0.04096	374	374	0 ANNUAL	EMRSS	5
MINE	430530	5405823	0.03984	371	371	0 ANNUAL	EMRSS	5
MINE	430530	5405623	0.03885	369	369	0 ANNUAL	EMRSS	5
MINE	430530	5405423	0.03797	368	368	0 ANNUAL	EMRSS	5
MINE	430530	5405223	0.03723	367	367	0 ANNUAL	EMRSS	5
MINE	430530	5405023	0.03651	367	367	0 ANNUAL	EMRSS	5
MINE	430530	5404823	0.03587	366	366	0 ANNUAL	EMRSS	5
MINE	430530	5404623	0.03521	365	365	0 ANNUAL	EMRSS	5
MINE	430530	5404423	0.03443	365	365	0 ANNUAL	EMRSS	5
MINE	430530	5404223	0.0336	365	365	0 ANNUAL	EMRSS	5
MINE	430530	5404023	0.03268	365.54	365.54	0 ANNUAL	EMRSS	5
MINE	430730	5410023	0.06607	381	381	0 ANNUAL	EMRSS	5
MINE	430730	5409823	0.06573	380	380	0 ANNUAL	EMRSS	5
MINE	430730	5409623	0.06529	380	380	0 ANNUAL	EMRSS	5
MINE	430730	5409423	0.06497	380.15	380.15	0 ANNUAL	EMRSS	5
MINE	430730	5409223	0.06524	377.17	377.17	0 ANNUAL	EMRSS	5
MINE	430730	5409023	0.06446	376.24	376.24	0 ANNUAL	EMRSS	5
MINE	430730	5408823	0.06347	374.94	374.94	0 ANNUAL	EMRSS	5
MINE	430730	5408623	0.0636	368.41	368.41	0 ANNUAL	EMRSS	5
MINE	430730	5407423	0.05572	362	362	0 ANNUAL	EMRSS	5
MINE	430730	5407223	0.0529	364.94	364.94	0 ANNUAL	EMRSS	5
MINE	430730	5407023	0.05045	365.1	365.1	0 ANNUAL	EMRSS	5
MINE	430730	5406823	0.04793	367.59	367.59	0 ANNUAL	EMRSS	5
MINE	430730	5406623	0.04541	372.09	372.09	0 ANNUAL	EMRSS	5
MINE	430730	5406423	0.04311	376.42	376.42	0 ANNUAL	EMRSS	5
MINE	430730	5406223	0.04163	374.16	374.16	0 ANNUAL	EMRSS	5
MINE	430730	5406023	0.04038	370.1	370.1	0 ANNUAL	EMRSS	5
MINE	430730	5405823	0.039	369	369	0 ANNUAL	EMRSS	5
MINE	430730	5405623	0.0377	369.06	369.06	0 ANNUAL	EMRSS	5
MINE	430730	5405423	0.03652	370	370	0 ANNUAL	EMRSS	5
MINE	430730	5405223	0.03574	369	369	0 ANNUAL	EMRSS	5
MINE	430730	5405023	0.03518	367	367	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	430730	5404823	0.0346	366	366	0 ANNUAL	EMRSS	5	
MINE	430730	5404623	0.03405	364.57	364.57	0 ANNUAL	EMRSS	5	
MINE	430730	5404423	0.03342	364	364	0 ANNUAL	EMRSS	5	
MINE	430730	5404223	0.03276	363	363	0 ANNUAL	EMRSS	5	
MINE	430730	5404023	0.032	363	363	0 ANNUAL	EMRSS	5	
MINE	430930	5410023	0.06275	381	381	0 ANNUAL	EMRSS	5	
MINE	430930	5409823	0.06242	380	380	0 ANNUAL	EMRSS	5	
MINE	430930	5409623	0.06249	378	378	0 ANNUAL	EMRSS	5	
MINE	430930	5409423	0.06244	377.07	377.07	0 ANNUAL	EMRSS	5	
MINE	430930	5409223	0.06244	375.17	375.17	0 ANNUAL	EMRSS	5	
MINE	430930	5409023	0.06222	371.64	371.64	0 ANNUAL	EMRSS	5	
MINE	430930	5408823	0.0615	369.01	369.01	0 ANNUAL	EMRSS	5	
MINE	430930	5408623	0.06031	369.88	369.88	0 ANNUAL	EMRSS	5	
MINE	430930	5407423	0.05408	362.07	362.07	0 ANNUAL	EMRSS	5	
MINE	430930	5407223	0.05144	365.99	365.99	0 ANNUAL	EMRSS	5	
MINE	430930	5407023	0.04883	369	369	0 ANNUAL	EMRSS	5	
MINE	430930	5406823	0.04644	371	371	0 ANNUAL	EMRSS	5	
MINE	430930	5406623	0.04424	373	373	0 ANNUAL	EMRSS	5	
MINE	430930	5406423	0.04235	374	374	0 ANNUAL	EMRSS	5	
MINE	430930	5406223	0.04088	372	372	0 ANNUAL	EMRSS	5	
MINE	430930	5406023	0.03947	370	370	0 ANNUAL	EMRSS	5	
MINE	430930	5405823	0.038	370	370	0 ANNUAL	EMRSS	5	
MINE	430930	5405623	0.03665	370	370	0 ANNUAL	EMRSS	5	
MINE	430930	5405423	0.03548	370	370	0 ANNUAL	EMRSS	5	
MINE	430930	5405223	0.0346	369	369	0 ANNUAL	EMRSS	5	
MINE	430930	5405023	0.03397	367	367	0 ANNUAL	EMRSS	5	
MINE	430930	5404823	0.03343	365.31	365.31	0 ANNUAL	EMRSS	5	
MINE	430930	5404623	0.03287	364.67	364.67	0 ANNUAL	EMRSS	5	
MINE	430930	5404423	0.03232	364	364	0 ANNUAL	EMRSS	5	
MINE	430930	5404223	0.03177	363	363	0 ANNUAL	EMRSS	5	
MINE	430930	5404023	0.03113	363	363	0 ANNUAL	EMRSS	5	
MINE	431130	5410023	0.05969	381	381	0 ANNUAL	EMRSS	5	
MINE	431130	5409823	0.05913	381	381	0 ANNUAL	EMRSS	5	
MINE	431130	5409623	0.05893	380	380	0 ANNUAL	EMRSS	5	
MINE	431130	5409423	0.05868	380	380	0 ANNUAL	EMRSS	5	
MINE	431130	5409223	0.05939	375.38	375.38	0 ANNUAL	EMRSS	5	
MINE	431130	5409023	0.05947	370.75	370.75	0 ANNUAL	EMRSS	5	
MINE	431130	5408823	0.05844	371	371	0 ANNUAL	EMRSS	5	
MINE	431130	5408623	0.05745	370.5	370.5	0 ANNUAL	EMRSS	5	
MINE	431130	5408423	0.05704	367.74	367.74	0 ANNUAL	EMRSS	5	
MINE	431130	5408223	0.05733	361	361	0 ANNUAL	EMRSS	5	
MINE	431130	5408023	0.0568	359	359	0 ANNUAL	EMRSS	5	
MINE	431130	5407823	0.05573	360	360	0 ANNUAL	EMRSS	5	
MINE	431130	5407623	0.05428	361	361	0 ANNUAL	EMRSS	5	
MINE	431130	5407423	0.05243	362.31	362.31	0 ANNUAL	EMRSS	5	
MINE	431130	5407223	0.0501	366	366	0 ANNUAL	EMRSS	5	
MINE	431130	5407023	0.04761	369.7	369.7	0 ANNUAL	EMRSS	5	
MINE	431130	5406823	0.04533	371.55	371.55	0 ANNUAL	EMRSS	5	
MINE	431130	5406623	0.04315	373.87	373.87	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	431130	5406423	0.04138	374	374	0 ANNUAL	EMRSS	5	
MINE	431130	5406223	0.03987	373	373	0 ANNUAL	EMRSS	5	
MINE	431130	5406023	0.03837	373	373	0 ANNUAL	EMRSS	5	
MINE	431130	5405823	0.0371	371	371	0 ANNUAL	EMRSS	5	
MINE	431130	5405623	0.03583	370	370	0 ANNUAL	EMRSS	5	
MINE	431130	5405423	0.0346	370	370	0 ANNUAL	EMRSS	5	
MINE	431130	5405223	0.03363	369	369	0 ANNUAL	EMRSS	5	
MINE	431130	5405023	0.03292	367	367	0 ANNUAL	EMRSS	5	
MINE	431130	5404823	0.03232	365.41	365.41	0 ANNUAL	EMRSS	5	
MINE	431130	5404623	0.03175	364.78	364.78	0 ANNUAL	EMRSS	5	
MINE	431130	5404423	0.03124	364	364	0 ANNUAL	EMRSS	5	
MINE	431130	5404223	0.03068	364.5	364.5	0 ANNUAL	EMRSS	5	
MINE	431130	5404023	0.03012	365	365	0 ANNUAL	EMRSS	5	
MINE	428130	5406823	0.07775	355.87	355.87	0 ANNUAL	EMRSS	5	
MINE	428130	5406623	0.07349	362	362	0 ANNUAL	EMRSS	5	
MINE	428130	5406423	0.0687	366	366	0 ANNUAL	EMRSS	5	
MINE	428130	5406223	0.06436	368	368	0 ANNUAL	EMRSS	5	
MINE	428130	5406023	0.06091	366	366	0 ANNUAL	EMRSS	5	
MINE	428130	5405823	0.05783	363	363	0 ANNUAL	EMRSS	5	
MINE	428130	5405623	0.05466	362	362	0 ANNUAL	EMRSS	5	
MINE	428130	5405423	0.05172	361	361	0 ANNUAL	EMRSS	5	
MINE	428130	5405223	0.04847	364	364	0 ANNUAL	EMRSS	5	
MINE	428130	5405023	0.04556	366.58	366.58	0 ANNUAL	EMRSS	5	
MINE	428130	5404823	0.04287	369	369	0 ANNUAL	EMRSS	5	
MINE	428130	5404623	0.04047	370	370	0 ANNUAL	EMRSS	5	
MINE	428130	5404423	0.03829	370	370	0 ANNUAL	EMRSS	5	
MINE	428130	5404223	0.03627	369.94	369.94	0 ANNUAL	EMRSS	5	
MINE	428130	5404023	0.03446	369	369	0 ANNUAL	EMRSS	5	
MINE	427930	5406823	0.08014	360.98	360.98	0 ANNUAL	EMRSS	5	
MINE	427930	5406623	0.07464	364.37	364.37	0 ANNUAL	EMRSS	5	
MINE	427930	5406423	0.06928	368.25	368.25	0 ANNUAL	EMRSS	5	
MINE	427930	5406223	0.06465	370	370	0 ANNUAL	EMRSS	5	
MINE	427930	5406023	0.06106	368	368	0 ANNUAL	EMRSS	5	
MINE	427930	5405823	0.05784	365	365	0 ANNUAL	EMRSS	5	
MINE	427930	5405623	0.05466	363	363	0 ANNUAL	EMRSS	5	
MINE	427930	5405423	0.05169	361	361	0 ANNUAL	EMRSS	5	
MINE	427930	5405223	0.04854	362	362	0 ANNUAL	EMRSS	5	
MINE	427930	5405023	0.04553	364	364	0 ANNUAL	EMRSS	5	
MINE	427930	5404823	0.04276	366	366	0 ANNUAL	EMRSS	5	
MINE	427930	5404623	0.0402	367.96	367.96	0 ANNUAL	EMRSS	5	
MINE	427930	5404423	0.03799	368	368	0 ANNUAL	EMRSS	5	
MINE	427930	5404223	0.03596	368	368	0 ANNUAL	EMRSS	5	
MINE	427930	5404023	0.0341	368	368	0 ANNUAL	EMRSS	5	
MINE	427730	5406823	0.08183	361.08	361.08	0 ANNUAL	EMRSS	5	
MINE	427730	5406623	0.07498	367.72	367.72	0 ANNUAL	EMRSS	5	
MINE	427730	5406423	0.0691	372	372	0 ANNUAL	EMRSS	5	
MINE	427730	5406223	0.06467	372	372	0 ANNUAL	EMRSS	5	
MINE	427730	5406023	0.06115	369	369	0 ANNUAL	EMRSS	5	
MINE	427730	5405823	0.05764	366.74	366.74	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	427730	5405623	0.05438	364	364	0 ANNUAL	EMRSS	5	
MINE	427730	5405423	0.05134	361.35	361.35	0 ANNUAL	EMRSS	5	
MINE	427730	5405223	0.04792	364	364	0 ANNUAL	EMRSS	5	
MINE	427730	5405023	0.04516	363	363	0 ANNUAL	EMRSS	5	
MINE	427730	5404823	0.04253	363	363	0 ANNUAL	EMRSS	5	
MINE	427730	5404623	0.04003	364	364	0 ANNUAL	EMRSS	5	
MINE	427730	5404423	0.03775	365	365	0 ANNUAL	EMRSS	5	
MINE	427730	5404223	0.03574	365.12	365.12	0 ANNUAL	EMRSS	5	
MINE	427730	5404023	0.03385	366	366	0 ANNUAL	EMRSS	5	
MINE	427530	5406823	0.0833	359.92	359.92	0 ANNUAL	EMRSS	5	
MINE	427530	5406623	0.07624	364.84	364.84	0 ANNUAL	EMRSS	5	
MINE	427530	5406423	0.06911	373.47	373.47	0 ANNUAL	EMRSS	5	
MINE	427530	5406223	0.06393	375.94	375.94	0 ANNUAL	EMRSS	5	
MINE	427530	5406023	0.06064	371.26	371.26	0 ANNUAL	EMRSS	5	
MINE	427530	5405823	0.05706	368.62	368.62	0 ANNUAL	EMRSS	5	
MINE	427530	5405623	0.05404	362.99	362.99	0 ANNUAL	EMRSS	5	
MINE	427530	5405423	0.05028	365.65	365.65	0 ANNUAL	EMRSS	5	
MINE	427530	5405223	0.04678	369	369	0 ANNUAL	EMRSS	5	
MINE	427530	5405023	0.04406	368	368	0 ANNUAL	EMRSS	5	
MINE	427530	5404823	0.04169	366	366	0 ANNUAL	EMRSS	5	
MINE	427530	5404623	0.03953	364.04	364.04	0 ANNUAL	EMRSS	5	
MINE	427530	5404423	0.0374	364	364	0 ANNUAL	EMRSS	5	
MINE	427530	5404223	0.03545	364	364	0 ANNUAL	EMRSS	5	
MINE	427530	5404023	0.0336	365	365	0 ANNUAL	EMRSS	5	
MINE	427330	5406823	0.0835	361	361	0 ANNUAL	EMRSS	5	
MINE	427330	5406623	0.07638	364.96	364.96	0 ANNUAL	EMRSS	5	
MINE	427330	5406423	0.06816	376.75	378	0 ANNUAL	EMRSS	5	
MINE	427330	5406223	0.06239	380.38	380.38	0 ANNUAL	EMRSS	5	
MINE	427330	5406023	0.05954	374.15	374.15	0 ANNUAL	EMRSS	5	
MINE	427330	5405823	0.05626	369.44	369.44	0 ANNUAL	EMRSS	5	
MINE	427330	5405623	0.0535	362	362	0 ANNUAL	EMRSS	5	
MINE	427330	5405423	0.04942	367	367	0 ANNUAL	EMRSS	5	
MINE	427330	5405223	0.046	370	370	0 ANNUAL	EMRSS	5	
MINE	427330	5405023	0.04326	370	370	0 ANNUAL	EMRSS	5	
MINE	427330	5404823	0.04093	368.53	368.53	0 ANNUAL	EMRSS	5	
MINE	427330	5404623	0.03882	367	367	0 ANNUAL	EMRSS	5	
MINE	427330	5404423	0.03686	365.96	365.96	0 ANNUAL	EMRSS	5	
MINE	427330	5404223	0.03515	364	364	0 ANNUAL	EMRSS	5	
MINE	427330	5404023	0.03342	364.2	364.2	0 ANNUAL	EMRSS	5	
MINE	427130	5406823	0.08215	366	366	0 ANNUAL	EMRSS	5	
MINE	427130	5406623	0.07637	362.99	362.99	0 ANNUAL	EMRSS	5	
MINE	427130	5406423	0.06954	368.17	383	0 ANNUAL	EMRSS	5	
MINE	427130	5406223	0.06392	370.56	383	0 ANNUAL	EMRSS	5	
MINE	427130	5406023	0.05962	369	369	0 ANNUAL	EMRSS	5	
MINE	427130	5405823	0.05578	367	367	0 ANNUAL	EMRSS	5	
MINE	427130	5405623	0.05265	362.76	362.76	0 ANNUAL	EMRSS	5	
MINE	427130	5405423	0.04887	366	366	0 ANNUAL	EMRSS	5	
MINE	427130	5405223	0.04553	369	369	0 ANNUAL	EMRSS	5	
MINE	427130	5405023	0.04276	370	370	0 ANNUAL	EMRSS	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr Num	Year	Net ID
MINE	427130	5404823	0.04048	369	369	0 ANNUAL	EMRSS	5
MINE	427130	5404623	0.0384	368	368	0 ANNUAL	EMRSS	5
MINE	427130	5404423	0.03651	367	367	0 ANNUAL	EMRSS	5
MINE	427130	5404223	0.03478	366	366	0 ANNUAL	EMRSS	5
MINE	427130	5404023	0.0332	365	365	0 ANNUAL	EMRSS	5
MINE	426930	5406823	0.07979	372	372	0 ANNUAL	EMRSS	5
MINE	426930	5406623	0.07389	370	370	0 ANNUAL	EMRSS	5
MINE	426930	5406423	0.06879	366.8	366.8	0 ANNUAL	EMRSS	5
MINE	426930	5406223	0.06408	364.35	364.35	0 ANNUAL	EMRSS	5
MINE	426930	5406023	0.05981	362.45	362.45	0 ANNUAL	EMRSS	5
MINE	426930	5405823	0.05574	362.28	362.28	0 ANNUAL	EMRSS	5
MINE	426930	5405623	0.05183	364	364	0 ANNUAL	EMRSS	5
MINE	426930	5405423	0.04832	366.06	366.06	0 ANNUAL	EMRSS	5
MINE	426930	5405223	0.0452	368	368	0 ANNUAL	EMRSS	5
MINE	426930	5405023	0.04251	369	369	0 ANNUAL	EMRSS	5
MINE	426930	5404823	0.0402	369	369	0 ANNUAL	EMRSS	5
MINE	426930	5404623	0.03809	369	369	0 ANNUAL	EMRSS	5
MINE	426930	5404423	0.03627	368	368	0 ANNUAL	EMRSS	5
MINE	426930	5404223	0.0346	367	367	0 ANNUAL	EMRSS	5
MINE	426930	5404023	0.03306	366	366	0 ANNUAL	EMRSS	5
MINE	426730	5406823	0.07642	378.14	378.14	0 ANNUAL	EMRSS	5
MINE	426730	5406623	0.07098	376	376	0 ANNUAL	EMRSS	5
MINE	426730	5406423	0.06652	372.07	372.07	0 ANNUAL	EMRSS	5
MINE	426730	5406223	0.06211	369.83	369.83	0 ANNUAL	EMRSS	5
MINE	426730	5406023	0.05802	368.43	368.43	0 ANNUAL	EMRSS	5
MINE	426730	5405823	0.05438	367	367	0 ANNUAL	EMRSS	5
MINE	426730	5405623	0.05107	366	366	0 ANNUAL	EMRSS	5
MINE	426730	5405423	0.04796	366.11	366.11	0 ANNUAL	EMRSS	5
MINE	426730	5405223	0.04494	368	368	0 ANNUAL	EMRSS	5
MINE	426730	5405023	0.04232	369	369	0 ANNUAL	EMRSS	5
MINE	426730	5404823	0.03995	370	370	0 ANNUAL	EMRSS	5
MINE	426730	5404623	0.0379	370	370	0 ANNUAL	EMRSS	5
MINE	426730	5404423	0.03603	370	370	0 ANNUAL	EMRSS	5
MINE	426730	5404223	0.0344	369	369	0 ANNUAL	EMRSS	5
MINE	426730	5404023	0.0329	367.9	367.9	0 ANNUAL	EMRSS	5
MINE	426530	5406823	0.07435	379.77	379.77	0 ANNUAL	EMRSS	5
MINE	426530	5406623	0.06877	379	379	0 ANNUAL	EMRSS	5
MINE	426530	5406423	0.06484	375	375	0 ANNUAL	EMRSS	5
MINE	426530	5406223	0.06047	374	374	0 ANNUAL	EMRSS	5
MINE	426530	5406023	0.0572	370	370	0 ANNUAL	EMRSS	5
MINE	426530	5405823	0.054	367.06	367.06	0 ANNUAL	EMRSS	5
MINE	426530	5405623	0.05106	364.43	364.43	0 ANNUAL	EMRSS	5
MINE	426530	5405423	0.04822	363.02	367	0 ANNUAL	EMRSS	5
MINE	426530	5405223	0.04506	366	366	0 ANNUAL	EMRSS	5
MINE	426530	5405023	0.04236	368	368	0 ANNUAL	EMRSS	5
MINE	426530	5404823	0.04001	369	369	0 ANNUAL	EMRSS	5
MINE	426530	5404623	0.03786	370	370	0 ANNUAL	EMRSS	5
MINE	426530	5404423	0.03598	370	370	0 ANNUAL	EMRSS	5
MINE	426530	5404223	0.03425	370	370	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	426530	5404023	0.03272	369	369	0 ANNUAL	EMRSS	5	
MINE	426330	5406823	0.07369	378.56	378.56	0 ANNUAL	EMRSS	5	
MINE	426330	5406623	0.06751	380	380	0 ANNUAL	EMRSS	5	
MINE	426330	5406423	0.06291	379.16	379.16	0 ANNUAL	EMRSS	5	
MINE	426330	5406223	0.05801	381	381	0 ANNUAL	EMRSS	5	
MINE	426330	5406023	0.05535	376.97	376.97	0 ANNUAL	EMRSS	5	
MINE	426330	5405823	0.05346	368.97	368.97	0 ANNUAL	EMRSS	5	
MINE	426330	5405623	0.05076	365.1	365.1	0 ANNUAL	EMRSS	5	
MINE	426330	5405423	0.0479	363.9	363.9	0 ANNUAL	EMRSS	5	
MINE	426330	5405223	0.04476	367	367	0 ANNUAL	EMRSS	5	
MINE	426330	5405023	0.04199	369.59	369.59	0 ANNUAL	EMRSS	5	
MINE	426330	5404823	0.0397	370	370	0 ANNUAL	EMRSS	5	
MINE	426330	5404623	0.03762	370	370	0 ANNUAL	EMRSS	5	
MINE	426330	5404423	0.03571	370	370	0 ANNUAL	EMRSS	5	
MINE	426330	5404223	0.03393	370	370	0 ANNUAL	EMRSS	5	
MINE	426330	5404023	0.03228	370	370	0 ANNUAL	EMRSS	5	
MINE	426130	5406823	0.07396	376	376	0 ANNUAL	EMRSS	5	
MINE	426130	5406623	0.06729	379	379	0 ANNUAL	EMRSS	5	
MINE	426130	5406423	0.06051	384.35	384.35	0 ANNUAL	EMRSS	5	
MINE	426130	5406223	0.05422	389.82	389.82	0 ANNUAL	EMRSS	5	
MINE	426130	5406023	0.05142	388.21	388.21	0 ANNUAL	EMRSS	5	
MINE	426130	5405823	0.05177	375.83	375.83	0 ANNUAL	EMRSS	5	
MINE	426130	5405623	0.04976	369	369	0 ANNUAL	EMRSS	5	
MINE	426130	5405423	0.04757	362.56	362.56	0 ANNUAL	EMRSS	5	
MINE	426130	5405223	0.04446	365.07	365.07	0 ANNUAL	EMRSS	5	
MINE	426130	5405023	0.0415	369	369	0 ANNUAL	EMRSS	5	
MINE	426130	5404823	0.03909	370	370	0 ANNUAL	EMRSS	5	
MINE	426130	5404623	0.03708	369	369	0 ANNUAL	EMRSS	5	
MINE	426130	5404423	0.03507	369.61	369.61	0 ANNUAL	EMRSS	5	
MINE	426130	5404223	0.03323	370	370	0 ANNUAL	EMRSS	5	
MINE	426130	5404023	0.03156	370	370	0 ANNUAL	EMRSS	5	
MINE	425930	5406823	0.07307	376.11	376.11	0 ANNUAL	EMRSS	5	
MINE	425930	5406623	0.06577	380.74	380.74	0 ANNUAL	EMRSS	5	
MINE	425930	5406423	0.05791	388.32	388.32	0 ANNUAL	EMRSS	5	
MINE	425930	5406223	0.05327	390	390	0 ANNUAL	EMRSS	5	
MINE	425930	5406023	0.05001	389.54	389.54	0 ANNUAL	EMRSS	5	
MINE	425930	5405823	0.05029	378.08	378.08	0 ANNUAL	EMRSS	5	
MINE	425930	5405623	0.04844	371	371	0 ANNUAL	EMRSS	5	
MINE	425930	5405423	0.04608	366.45	366.45	0 ANNUAL	EMRSS	5	
MINE	425930	5405223	0.0439	362	362	0 ANNUAL	EMRSS	5	
MINE	425930	5405023	0.04069	367.04	367.04	0 ANNUAL	EMRSS	5	
MINE	425930	5404823	0.03804	370	370	0 ANNUAL	EMRSS	5	
MINE	425930	5404623	0.03606	369	369	0 ANNUAL	EMRSS	5	
MINE	425930	5404423	0.03402	370	370	0 ANNUAL	EMRSS	5	
MINE	425930	5404223	0.03215	371	371	0 ANNUAL	EMRSS	5	
MINE	425930	5404023	0.03052	371	371	0 ANNUAL	EMRSS	5	
MINE	425730	5406823	0.07156	375.55	375.55	0 ANNUAL	EMRSS	5	
MINE	425730	5406623	0.06392	381	381	0 ANNUAL	EMRSS	5	
MINE	425730	5406423	0.0577	384.88	384.88	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
MINE	425730	5406223	0.05361	384.99	384.99	0 ANNUAL	EMRSS	5
MINE	425730	5406023	0.05117	381.24	381.24	0 ANNUAL	EMRSS	5
MINE	425730	5405823	0.04898	376.6	376.6	0 ANNUAL	EMRSS	5
MINE	425730	5405623	0.04675	371.97	371.97	0 ANNUAL	EMRSS	5
MINE	425730	5405423	0.04457	367.58	367.58	0 ANNUAL	EMRSS	5
MINE	425730	5405223	0.04278	362.13	362.13	0 ANNUAL	EMRSS	5
MINE	425730	5405023	0.03998	364	364	0 ANNUAL	EMRSS	5
MINE	425730	5404823	0.03729	367	367	0 ANNUAL	EMRSS	5
MINE	425730	5404623	0.03527	367	367	0 ANNUAL	EMRSS	5
MINE	425730	5404423	0.03303	370	370	0 ANNUAL	EMRSS	5
MINE	425730	5404223	0.03123	371	371	0 ANNUAL	EMRSS	5
MINE	425730	5404023	0.02981	370	370	0 ANNUAL	EMRSS	5
MINE	425530	5406823	0.0709	370.69	370.69	0 ANNUAL	EMRSS	5
MINE	425530	5406623	0.06236	378.99	378.99	0 ANNUAL	EMRSS	5
MINE	425530	5406423	0.05662	382	382	0 ANNUAL	EMRSS	5
MINE	425530	5406223	0.05305	380.76	380.76	0 ANNUAL	EMRSS	5
MINE	425530	5406023	0.05027	378.05	378.05	0 ANNUAL	EMRSS	5
MINE	425530	5405823	0.04788	374.49	374.49	0 ANNUAL	EMRSS	5
MINE	425530	5405623	0.0458	370	370	0 ANNUAL	EMRSS	5
MINE	425530	5405423	0.04372	366.22	366.22	0 ANNUAL	EMRSS	5
MINE	425530	5405223	0.04185	362.59	362.59	0 ANNUAL	EMRSS	5
MINE	425530	5405023	0.0394	363	363	0 ANNUAL	EMRSS	5
MINE	425530	5404823	0.0369	365	365	0 ANNUAL	EMRSS	5
MINE	425530	5404623	0.03447	368.32	368.32	0 ANNUAL	EMRSS	5
MINE	425530	5404423	0.03236	371	371	0 ANNUAL	EMRSS	5
MINE	425530	5404223	0.03078	371	371	0 ANNUAL	EMRSS	5
MINE	425530	5404023	0.02945	370	370	0 ANNUAL	EMRSS	5
MINE	425330	5406823	0.06941	370	370	0 ANNUAL	EMRSS	5
MINE	425330	5406623	0.06154	377.09	377.09	0 ANNUAL	EMRSS	5
MINE	425330	5406423	0.05567	381	381	0 ANNUAL	EMRSS	5
MINE	425330	5406223	0.05201	380.64	380.64	0 ANNUAL	EMRSS	5
MINE	425330	5406023	0.05029	375.01	375.01	0 ANNUAL	EMRSS	5
MINE	425330	5405823	0.0483	370	370	0 ANNUAL	EMRSS	5
MINE	425330	5405623	0.04592	367.24	367.24	0 ANNUAL	EMRSS	5
MINE	425330	5405423	0.04365	365	365	0 ANNUAL	EMRSS	5
MINE	425330	5405223	0.04168	362.47	362.47	0 ANNUAL	EMRSS	5
MINE	425330	5405023	0.03925	363.14	363.14	0 ANNUAL	EMRSS	5
MINE	425330	5404823	0.03669	366	366	0 ANNUAL	EMRSS	5
MINE	425330	5404623	0.03441	369	369	0 ANNUAL	EMRSS	5
MINE	425330	5404423	0.03259	370	370	0 ANNUAL	EMRSS	5
MINE	425330	5404223	0.03093	371	371	0 ANNUAL	EMRSS	5
MINE	425330	5404023	0.02966	369.76	369.76	0 ANNUAL	EMRSS	5
MINE	425130	5406823	0.06925	370.57	370.57	0 ANNUAL	EMRSS	5
MINE	425130	5406623	0.06274	374.5	374.5	0 ANNUAL	EMRSS	5
MINE	425130	5406423	0.05735	377.46	377.46	0 ANNUAL	EMRSS	5
MINE	425130	5406223	0.05346	377.73	377.73	0 ANNUAL	EMRSS	5
MINE	425130	5406023	0.05085	374.9	374.9	0 ANNUAL	EMRSS	5
MINE	425130	5405823	0.04861	371	371	0 ANNUAL	EMRSS	5
MINE	425130	5405623	0.04621	368.47	368.47	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	425130	5405423	0.04416	365	365	0 ANNUAL	EMRSS	5	
MINE	425130	5405223	0.0422	362.21	362.21	0 ANNUAL	EMRSS	5	
MINE	425130	5405023	0.0399	362.28	362.28	0 ANNUAL	EMRSS	5	
MINE	425130	5404823	0.03739	364.87	364.87	0 ANNUAL	EMRSS	5	
MINE	425130	5404623	0.03523	367	367	0 ANNUAL	EMRSS	5	
MINE	425130	5404423	0.03328	369	369	0 ANNUAL	EMRSS	5	
MINE	425130	5404223	0.03161	370	370	0 ANNUAL	EMRSS	5	
MINE	425130	5404023	0.03036	368.19	368.19	0 ANNUAL	EMRSS	5	
MINE	424930	5406823	0.07108	370.72	370.72	0 ANNUAL	EMRSS	5	
MINE	424930	5406623	0.06564	371.3	371.3	0 ANNUAL	EMRSS	5	
MINE	424930	5406423	0.06067	372.48	372.48	0 ANNUAL	EMRSS	5	
MINE	424930	5406223	0.05671	372	372	0 ANNUAL	EMRSS	5	
MINE	424930	5406023	0.05313	371.65	371.65	0 ANNUAL	EMRSS	5	
MINE	424930	5405823	0.05017	370	370	0 ANNUAL	EMRSS	5	
MINE	424930	5405623	0.04751	368	368	0 ANNUAL	EMRSS	5	
MINE	424930	5405423	0.04526	364.87	364.87	0 ANNUAL	EMRSS	5	
MINE	424930	5405223	0.04338	361	361	0 ANNUAL	EMRSS	5	
MINE	424930	5405023	0.04083	362	362	0 ANNUAL	EMRSS	5	
MINE	424930	5404823	0.03852	363	363	0 ANNUAL	EMRSS	5	
MINE	424930	5404623	0.03642	364.04	364.04	0 ANNUAL	EMRSS	5	
MINE	424930	5404423	0.0343	367	367	0 ANNUAL	EMRSS	5	
MINE	424930	5404223	0.03237	370	370	0 ANNUAL	EMRSS	5	
MINE	424930	5404023	0.03103	368.43	368.43	0 ANNUAL	EMRSS	5	
MINE	424730	5406823	0.07482	367.06	367.06	0 ANNUAL	EMRSS	5	
MINE	424730	5406623	0.06897	368	368	0 ANNUAL	EMRSS	5	
MINE	424730	5406423	0.0638	369	369	0 ANNUAL	EMRSS	5	
MINE	424730	5406223	0.0592	370	370	0 ANNUAL	EMRSS	5	
MINE	424730	5406023	0.05532	370	370	0 ANNUAL	EMRSS	5	
MINE	424730	5405823	0.05163	371	371	0 ANNUAL	EMRSS	5	
MINE	424730	5405623	0.04884	369	369	0 ANNUAL	EMRSS	5	
MINE	424730	5405423	0.04687	362.83	362.83	0 ANNUAL	EMRSS	5	
MINE	424730	5405223	0.04434	361.94	361.94	0 ANNUAL	EMRSS	5	
MINE	424730	5405023	0.04147	365.18	365.18	0 ANNUAL	EMRSS	5	
MINE	424730	5404823	0.03938	364.16	364.16	0 ANNUAL	EMRSS	5	
MINE	424730	5404623	0.03761	362	362	0 ANNUAL	EMRSS	5	
MINE	424730	5404423	0.03561	363	363	0 ANNUAL	EMRSS	5	
MINE	424730	5404223	0.03368	365.05	365.05	0 ANNUAL	EMRSS	5	
MINE	424730	5404023	0.03227	363.31	363.31	0 ANNUAL	EMRSS	5	
MINE	424530	5406823	0.07695	366	366	0 ANNUAL	EMRSS	5	
MINE	424530	5406623	0.07056	369	369	0 ANNUAL	EMRSS	5	
MINE	424530	5406423	0.06534	370	370	0 ANNUAL	EMRSS	5	
MINE	424530	5406223	0.06078	370.58	370.58	0 ANNUAL	EMRSS	5	
MINE	424530	5406023	0.0571	369	369	0 ANNUAL	EMRSS	5	
MINE	424530	5405823	0.05333	370	370	0 ANNUAL	EMRSS	5	
MINE	424530	5405623	0.05024	369	369	0 ANNUAL	EMRSS	5	
MINE	424530	5405423	0.04816	362	362	0 ANNUAL	EMRSS	5	
MINE	424530	5405223	0.04517	363.99	363.99	0 ANNUAL	EMRSS	5	
MINE	424530	5405023	0.04203	370	370	0 ANNUAL	EMRSS	5	
MINE	424530	5404823	0.04	368	368	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	424530	5404623	0.03831	364	364	0 ANNUAL	EMRSS	5	
MINE	424530	5404423	0.03668	361	361	0 ANNUAL	EMRSS	5	
MINE	424530	5404223	0.0349	361	361	0 ANNUAL	EMRSS	5	
MINE	424530	5404023	0.03309	362.65	362.65	0 ANNUAL	EMRSS	5	
MINE	424330	5406823	0.07735	366	366	0 ANNUAL	EMRSS	5	
MINE	424330	5406623	0.07114	369	369	0 ANNUAL	EMRSS	5	
MINE	424330	5406423	0.06527	373.3	373.3	0 ANNUAL	EMRSS	5	
MINE	424330	5406223	0.06059	375.04	375.04	0 ANNUAL	EMRSS	5	
MINE	424330	5406023	0.05767	370.43	370.43	0 ANNUAL	EMRSS	5	
MINE	424330	5405823	0.05461	367	367	0 ANNUAL	EMRSS	5	
MINE	424330	5405623	0.05158	364.98	364.98	0 ANNUAL	EMRSS	5	
MINE	424330	5405423	0.04889	362	362	0 ANNUAL	EMRSS	5	
MINE	424330	5405223	0.0462	361.43	361.43	0 ANNUAL	EMRSS	5	
MINE	424330	5405023	0.0429	370	370	0 ANNUAL	EMRSS	5	
MINE	424330	5404823	0.04102	365.68	365.68	0 ANNUAL	EMRSS	5	
MINE	424330	5404623	0.03905	364	364	0 ANNUAL	EMRSS	5	
MINE	424330	5404423	0.03734	361	361	0 ANNUAL	EMRSS	5	
MINE	424330	5404223	0.03553	361	361	0 ANNUAL	EMRSS	5	
MINE	424330	5404023	0.03365	364.03	364.03	0 ANNUAL	EMRSS	5	
MINE	424130	5406823	0.07627	366	366	0 ANNUAL	EMRSS	5	
MINE	424130	5406623	0.07035	368.78	368.78	0 ANNUAL	EMRSS	5	
MINE	424130	5406423	0.06564	369	369	0 ANNUAL	EMRSS	5	
MINE	424130	5406223	0.05881	379.95	379.95	0 ANNUAL	EMRSS	5	
MINE	424130	5406023	0.05693	373.17	373.17	0 ANNUAL	EMRSS	5	
MINE	424130	5405823	0.05411	370	370	0 ANNUAL	EMRSS	5	
MINE	424130	5405623	0.0516	365.04	365.04	0 ANNUAL	EMRSS	5	
MINE	424130	5405423	0.04911	361	361	0 ANNUAL	EMRSS	5	
MINE	424130	5405223	0.04653	360	360	0 ANNUAL	EMRSS	5	
MINE	424130	5405023	0.04402	360.37	360.37	0 ANNUAL	EMRSS	5	
MINE	424130	5404823	0.04178	360	360	0 ANNUAL	EMRSS	5	
MINE	424130	5404623	0.0396	361	361	0 ANNUAL	EMRSS	5	
MINE	424130	5404423	0.03776	360	360	0 ANNUAL	EMRSS	5	
MINE	424130	5404223	0.03589	361	361	0 ANNUAL	EMRSS	5	
MINE	424130	5404023	0.03423	361	361	0 ANNUAL	EMRSS	5	
MINE	423930	5406823	0.07419	367	367	0 ANNUAL	EMRSS	5	
MINE	423930	5406623	0.06961	365	365	0 ANNUAL	EMRSS	5	
MINE	423930	5406423	0.06443	368	368	0 ANNUAL	EMRSS	5	
MINE	423930	5406223	0.06022	369	369	0 ANNUAL	EMRSS	5	
MINE	423930	5406023	0.05687	367.58	367.58	0 ANNUAL	EMRSS	5	
MINE	423930	5405823	0.05338	369	369	0 ANNUAL	EMRSS	5	
MINE	423930	5405623	0.05093	364.92	364.92	0 ANNUAL	EMRSS	5	
MINE	423930	5405423	0.04875	360	360	0 ANNUAL	EMRSS	5	
MINE	423930	5405223	0.04623	359	359	0 ANNUAL	EMRSS	5	
MINE	423930	5405023	0.04384	359	359	0 ANNUAL	EMRSS	5	
MINE	423930	5404823	0.04164	359	359	0 ANNUAL	EMRSS	5	
MINE	423930	5404623	0.03962	359	359	0 ANNUAL	EMRSS	5	
MINE	423930	5404423	0.03769	360	360	0 ANNUAL	EMRSS	5	
MINE	423930	5404223	0.03587	361	361	0 ANNUAL	EMRSS	5	
MINE	423930	5404023	0.03432	360.25	360.25	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source	Gr Num	Year	Net ID
MINE	423730	5406823	0.07239	366.62	366.62	0 ANNUAL	EMRSS	5	
MINE	423730	5406623	0.06841	363.02	363.02	0 ANNUAL	EMRSS	5	
MINE	423730	5406423	0.0633	366	366	0 ANNUAL	EMRSS	5	
MINE	423730	5406223	0.05954	365.16	365.16	0 ANNUAL	EMRSS	5	
MINE	423730	5406023	0.05636	363	363	0 ANNUAL	EMRSS	5	
MINE	423730	5405823	0.05302	363.58	363.58	0 ANNUAL	EMRSS	5	
MINE	423730	5405623	0.04975	366	366	0 ANNUAL	EMRSS	5	
MINE	423730	5405423	0.04761	362.01	362.01	0 ANNUAL	EMRSS	5	
MINE	423730	5405223	0.04551	359.54	359.54	0 ANNUAL	EMRSS	5	
MINE	423730	5405023	0.04315	358	358	0 ANNUAL	EMRSS	5	
MINE	423730	5404823	0.04104	358	358	0 ANNUAL	EMRSS	5	
MINE	423730	5404623	0.03915	359	359	0 ANNUAL	EMRSS	5	
MINE	423730	5404423	0.03735	359	359	0 ANNUAL	EMRSS	5	
MINE	423730	5404223	0.03567	359.01	359.01	0 ANNUAL	EMRSS	5	
MINE	423730	5404023	0.03411	359	359	0 ANNUAL	EMRSS	5	
MINE	423530	5406823	0.07174	362	362	0 ANNUAL	EMRSS	5	
MINE	423530	5406623	0.0673	361	361	0 ANNUAL	EMRSS	5	
MINE	423530	5406423	0.0625	363	363	0 ANNUAL	EMRSS	5	
MINE	423530	5406223	0.05887	362	362	0 ANNUAL	EMRSS	5	
MINE	423530	5406023	0.05583	360	360	0 ANNUAL	EMRSS	5	
MINE	423530	5405823	0.05261	360	360	0 ANNUAL	EMRSS	5	
MINE	423530	5405623	0.04914	363	363	0 ANNUAL	EMRSS	5	
MINE	423530	5405423	0.04667	362	362	0 ANNUAL	EMRSS	5	
MINE	423530	5405223	0.04459	360	360	0 ANNUAL	EMRSS	5	
MINE	423530	5405023	0.04243	358.61	358.61	0 ANNUAL	EMRSS	5	
MINE	423530	5404823	0.04034	358	358	0 ANNUAL	EMRSS	5	
MINE	423530	5404623	0.03846	358	358	0 ANNUAL	EMRSS	5	
MINE	423530	5404423	0.03672	358	358	0 ANNUAL	EMRSS	5	
MINE	423530	5404223	0.0351	358	358	0 ANNUAL	EMRSS	5	
MINE	423530	5404023	0.03365	359	359	0 ANNUAL	EMRSS	5	
MINE	423330	5406823	0.07035	360	360	0 ANNUAL	EMRSS	5	
MINE	423330	5406623	0.06582	360	360	0 ANNUAL	EMRSS	5	
MINE	423330	5406423	0.06176	360	360	0 ANNUAL	EMRSS	5	
MINE	423330	5406223	0.05806	360	360	0 ANNUAL	EMRSS	5	
MINE	423330	5406023	0.05484	359	359	0 ANNUAL	EMRSS	5	
MINE	423330	5405823	0.05137	361	361	0 ANNUAL	EMRSS	5	
MINE	423330	5405623	0.04837	362	362	0 ANNUAL	EMRSS	5	
MINE	423330	5405423	0.04617	360	360	0 ANNUAL	EMRSS	5	
MINE	423330	5405223	0.0439	359	359	0 ANNUAL	EMRSS	5	
MINE	423330	5405023	0.04165	358	358	0 ANNUAL	EMRSS	5	
MINE	423330	5404823	0.03959	357	357	0 ANNUAL	EMRSS	5	
MINE	423330	5404623	0.03774	357	357	0 ANNUAL	EMRSS	5	
MINE	423330	5404423	0.03609	358	358	0 ANNUAL	EMRSS	5	
MINE	423330	5404223	0.03451	358	358	0 ANNUAL	EMRSS	5	
MINE	423330	5404023	0.03309	359	359	0 ANNUAL	EMRSS	5	
MINE	423130	5406823	0.06834	360	360	0 ANNUAL	EMRSS	5	
MINE	423130	5406623	0.06394	360	360	0 ANNUAL	EMRSS	5	
MINE	423130	5406423	0.06005	360.01	360.01	0 ANNUAL	EMRSS	5	
MINE	423130	5406223	0.05628	361	361	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
MINE	423130	5406023	0.0534	360	360	0 ANNUAL	EMRSS	5
MINE	423130	5405823	0.05064	359	359	0 ANNUAL	EMRSS	5
MINE	423130	5405623	0.04795	359	359	0 ANNUAL	EMRSS	5
MINE	423130	5405423	0.04546	359	359	0 ANNUAL	EMRSS	5
MINE	423130	5405223	0.04316	358.92	358.92	0 ANNUAL	EMRSS	5
MINE	423130	5405023	0.04098	358	358	0 ANNUAL	EMRSS	5
MINE	423130	5404823	0.03895	357	357	0 ANNUAL	EMRSS	5
MINE	423130	5404623	0.03712	356.6	356.6	0 ANNUAL	EMRSS	5
MINE	423130	5404423	0.03547	357	357	0 ANNUAL	EMRSS	5
MINE	423130	5404223	0.03392	357	357	0 ANNUAL	EMRSS	5
MINE	423130	5404023	0.03253	358	358	0 ANNUAL	EMRSS	5
MINE	422930	5406823	0.06714	358.91	358.91	0 ANNUAL	EMRSS	5
MINE	422930	5406623	0.06259	359	359	0 ANNUAL	EMRSS	5
MINE	422930	5406423	0.05866	359	359	0 ANNUAL	EMRSS	5
MINE	422930	5406223	0.05505	359.95	359.95	0 ANNUAL	EMRSS	5
MINE	422930	5406023	0.05197	357	357	0 ANNUAL	EMRSS	5
MINE	422930	5405823	0.04922	356.99	356.99	0 ANNUAL	EMRSS	5
MINE	422930	5405623	0.04666	356.48	356.48	0 ANNUAL	EMRSS	5
MINE	422930	5405423	0.04439	357	357	0 ANNUAL	EMRSS	5
MINE	422930	5405223	0.04228	357.84	357.84	0 ANNUAL	EMRSS	5
MINE	422930	5405023	0.04022	357	357	0 ANNUAL	EMRSS	5
MINE	422930	5404823	0.03834	357	357	0 ANNUAL	EMRSS	5
MINE	422930	5404623	0.03653	356	356	0 ANNUAL	EMRSS	5
MINE	422930	5404423	0.0349	356	356	0 ANNUAL	EMRSS	5
MINE	422930	5404223	0.03339	356	356	0 ANNUAL	EMRSS	5
MINE	422930	5404023	0.03202	357	357	0 ANNUAL	EMRSS	5
MINE	422730	5406023	0.05086	359	359	0 ANNUAL	EMRSS	5
MINE	422730	5405823	0.04796	360	360	0 ANNUAL	EMRSS	5
MINE	422730	5405623	0.0456	358	358	0 ANNUAL	EMRSS	5
MINE	422730	5405423	0.04324	356	356	0 ANNUAL	EMRSS	5
MINE	422730	5405223	0.04129	357	357	0 ANNUAL	EMRSS	5
MINE	422730	5405023	0.03946	358	358	0 ANNUAL	EMRSS	5
MINE	422730	5404823	0.03764	357	357	0 ANNUAL	EMRSS	5
MINE	422730	5404623	0.03593	356	356	0 ANNUAL	EMRSS	5
MINE	422730	5404423	0.03432	355	355	0 ANNUAL	EMRSS	5
MINE	422730	5404223	0.03287	355.15	355.15	0 ANNUAL	EMRSS	5
MINE	422730	5404023	0.03158	356.86	356.86	0 ANNUAL	EMRSS	5
MINE	422530	5406023	0.0498	360	360	0 ANNUAL	EMRSS	5
MINE	422530	5405823	0.04695	360	360	0 ANNUAL	EMRSS	5
MINE	422530	5405623	0.04461	359	359	0 ANNUAL	EMRSS	5
MINE	422530	5405423	0.04214	355.46	355.46	0 ANNUAL	EMRSS	5
MINE	422530	5405223	0.04034	358	358	0 ANNUAL	EMRSS	5
MINE	422530	5405023	0.03858	359	359	0 ANNUAL	EMRSS	5
MINE	422530	5404823	0.03681	357	357	0 ANNUAL	EMRSS	5
MINE	422530	5404623	0.03515	355	355	0 ANNUAL	EMRSS	5
MINE	422530	5404423	0.0337	355	355	0 ANNUAL	EMRSS	5
MINE	422530	5404223	0.03238	356	356	0 ANNUAL	EMRSS	5
MINE	422530	5404023	0.03112	357	357	0 ANNUAL	EMRSS	5
MINE	422330	5406423	0.05678	358	358	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	422330	5406223	0.05302	359	359	0 ANNUAL	EMRSS	5	
MINE	422330	5406023	0.04958	359	359	0 ANNUAL	EMRSS	5	
MINE	422330	5405823	0.04655	359	359	0 ANNUAL	EMRSS	5	
MINE	422330	5405623	0.04382	358	358	0 ANNUAL	EMRSS	5	
MINE	422330	5405423	0.04137	356	356	0 ANNUAL	EMRSS	5	
MINE	422330	5405223	0.03928	355.29	355.29	0 ANNUAL	EMRSS	5	
MINE	422330	5405023	0.03756	360	360	0 ANNUAL	EMRSS	5	
MINE	422330	5404823	0.03596	357.44	357.44	0 ANNUAL	EMRSS	5	
MINE	422330	5404623	0.03428	354	354	0 ANNUAL	EMRSS	5	
MINE	422330	5404423	0.03296	355	355	0 ANNUAL	EMRSS	5	
MINE	422330	5404223	0.03173	356	356	0 ANNUAL	EMRSS	5	
MINE	422330	5404023	0.03056	357	357	0 ANNUAL	EMRSS	5	
MINE	422130	5406423	0.05665	359.61	359.61	0 ANNUAL	EMRSS	5	
MINE	422130	5406223	0.05282	360	360	0 ANNUAL	EMRSS	5	
MINE	422130	5406023	0.04939	359.9	359.9	0 ANNUAL	EMRSS	5	
MINE	422130	5405823	0.04623	360	360	0 ANNUAL	EMRSS	5	
MINE	422130	5405623	0.04351	358	358	0 ANNUAL	EMRSS	5	
MINE	422130	5405423	0.04091	356	356	0 ANNUAL	EMRSS	5	
MINE	422130	5405223	0.03861	354	354	0 ANNUAL	EMRSS	5	
MINE	422130	5405023	0.03678	355	355	0 ANNUAL	EMRSS	5	
MINE	422130	5404823	0.03511	355.29	355.29	0 ANNUAL	EMRSS	5	
MINE	422130	5404623	0.03351	353.68	353.68	0 ANNUAL	EMRSS	5	
MINE	422130	5404423	0.03217	354	354	0 ANNUAL	EMRSS	5	
MINE	422130	5404223	0.03097	355	355	0 ANNUAL	EMRSS	5	
MINE	422130	5404023	0.02986	356	356	0 ANNUAL	EMRSS	5	
MINE	421930	5405223	0.03837	354	354	0 ANNUAL	EMRSS	5	
MINE	421930	5405023	0.03628	353	353	0 ANNUAL	EMRSS	5	
MINE	421930	5404823	0.03451	353.17	353.17	0 ANNUAL	EMRSS	5	
MINE	421930	5404623	0.03291	353	353	0 ANNUAL	EMRSS	5	
MINE	421930	5404423	0.0315	353.07	353.07	0 ANNUAL	EMRSS	5	
MINE	421930	5404223	0.03031	354.71	354.71	0 ANNUAL	EMRSS	5	
MINE	421930	5404023	0.02921	356	356	0 ANNUAL	EMRSS	5	
MINE	421730	5404823	0.03424	352	352	0 ANNUAL	EMRSS	5	
MINE	421730	5404623	0.03255	352	352	0 ANNUAL	EMRSS	5	
MINE	421730	5404423	0.03116	354	354	0 ANNUAL	EMRSS	5	
MINE	421730	5404223	0.02989	355.94	355.94	0 ANNUAL	EMRSS	5	
MINE	421730	5404023	0.02868	356	356	0 ANNUAL	EMRSS	5	
MINE	421530	5404823	0.03417	351	351	0 ANNUAL	EMRSS	5	
MINE	421530	5404623	0.03248	352	352	0 ANNUAL	EMRSS	5	
MINE	421530	5404423	0.03113	356.94	356.94	0 ANNUAL	EMRSS	5	
MINE	421530	5404223	0.02975	358.73	358.73	0 ANNUAL	EMRSS	5	
MINE	421530	5404023	0.02842	358	358	0 ANNUAL	EMRSS	5	
MINE	421330	5404823	0.03424	351	351	0 ANNUAL	EMRSS	5	
MINE	421330	5404623	0.03263	353.8	353.8	0 ANNUAL	EMRSS	5	
MINE	421330	5404423	0.03113	360	360	0 ANNUAL	EMRSS	5	
MINE	421330	5404223	0.02961	360	360	0 ANNUAL	EMRSS	5	
MINE	421330	5404023	0.02824	360	360	0 ANNUAL	EMRSS	5	
MINE	421130	5404823	0.03418	350	350	0 ANNUAL	EMRSS	5	
MINE	421130	5404623	0.03265	353	353	0 ANNUAL	EMRSS	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
MINE	421130	5404423	0.03121	357	357	0 ANNUAL	EMRSS	5
MINE	421130	5404223	0.02975	359.03	359.03	0 ANNUAL	EMRSS	5
MINE	421130	5404023	0.02825	360	360	0 ANNUAL	EMRSS	5
MINE	420930	5405223	0.03736	351	351	0 ANNUAL	EMRSS	5
MINE	420930	5405023	0.03567	350	350	0 ANNUAL	EMRSS	5
MINE	420930	5404823	0.03405	350	350	0 ANNUAL	EMRSS	5
MINE	420930	5404623	0.03252	351.04	351.04	0 ANNUAL	EMRSS	5
MINE	420930	5404423	0.03112	353.96	353.96	0 ANNUAL	EMRSS	5
MINE	420930	5404223	0.02971	356	356	0 ANNUAL	EMRSS	5
MINE	420930	5404023	0.02837	358	358	0 ANNUAL	EMRSS	5
MINE	420730	5405223	0.03674	354	354	0 ANNUAL	EMRSS	5
MINE	420730	5405023	0.03525	352	352	0 ANNUAL	EMRSS	5
MINE	420730	5404823	0.03371	350	350	0 ANNUAL	EMRSS	5
MINE	420730	5404623	0.03228	350	350	0 ANNUAL	EMRSS	5
MINE	420730	5404423	0.03099	352.66	352.66	0 ANNUAL	EMRSS	5
MINE	420730	5404223	0.02973	356	356	0 ANNUAL	EMRSS	5
MINE	420730	5404023	0.0284	360	360	0 ANNUAL	EMRSS	5
MINE	420530	5405623	0.03779	356	356	0 ANNUAL	EMRSS	5
MINE	420530	5405423	0.03694	359	359	0 ANNUAL	EMRSS	5
MINE	420530	5405223	0.03579	356.61	356.61	0 ANNUAL	EMRSS	5
MINE	420530	5405023	0.03443	352	352	0 ANNUAL	EMRSS	5
MINE	420530	5404823	0.03313	350	350	0 ANNUAL	EMRSS	5
MINE	420530	5404623	0.03184	349	349	0 ANNUAL	EMRSS	5
MINE	420530	5404423	0.03063	350	350	0 ANNUAL	EMRSS	5
MINE	420530	5404223	0.0296	355	355	0 ANNUAL	EMRSS	5
MINE	420530	5404023	0.02839	360	360	0 ANNUAL	EMRSS	5
MINE	420330	5405623	0.03626	355.24	355.24	0 ANNUAL	EMRSS	5
MINE	420330	5405423	0.03543	359.97	359.97	0 ANNUAL	EMRSS	5
MINE	420330	5405223	0.03459	358	358	0 ANNUAL	EMRSS	5
MINE	420330	5405023	0.03345	353.11	353.11	0 ANNUAL	EMRSS	5
MINE	420330	5404823	0.03232	350	350	0 ANNUAL	EMRSS	5
MINE	420330	5404623	0.03125	349	349	0 ANNUAL	EMRSS	5
MINE	420330	5404423	0.03024	350.05	350.05	0 ANNUAL	EMRSS	5
MINE	420330	5404223	0.02934	354.68	354.68	0 ANNUAL	EMRSS	5
MINE	420330	5404023	0.02828	360	360	0 ANNUAL	EMRSS	5
MINE	420130	5406823	0.04538	346	346	0 ANNUAL	EMRSS	5
MINE	420130	5406623	0.04299	347	347	0 ANNUAL	EMRSS	5
MINE	420130	5406423	0.04092	349	349	0 ANNUAL	EMRSS	5
MINE	420130	5406223	0.039	350	350	0 ANNUAL	EMRSS	5
MINE	420130	5405623	0.03506	357.36	357.36	0 ANNUAL	EMRSS	5
MINE	420130	5405423	0.03411	358	358	0 ANNUAL	EMRSS	5
MINE	420130	5405223	0.03315	355.32	355.32	0 ANNUAL	EMRSS	5
MINE	420130	5405023	0.03221	352	352	0 ANNUAL	EMRSS	5
MINE	420130	5404823	0.03127	349.1	349.1	0 ANNUAL	EMRSS	5
MINE	420130	5404623	0.03046	349	349	0 ANNUAL	EMRSS	5
MINE	420130	5404423	0.02958	349	349	0 ANNUAL	EMRSS	5
MINE	420130	5404223	0.02878	351.8	351.8	0 ANNUAL	EMRSS	5
MINE	420130	5404023	0.02791	355	355	0 ANNUAL	EMRSS	5
MINE	422930	5407823	0.10072	364.52	367	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	422930	5408023	0.1119	358	358	0 ANNUAL	EMRSS	5	
MINE	422930	5408223	0.12089	356.42	356.42	0 ANNUAL	EMRSS	5	
MINE	422930	5408423	0.13015	354.99	354.99	0 ANNUAL	EMRSS	5	
MINE	422730	5407023	0.07194	359	359	0 ANNUAL	EMRSS	5	
MINE	422730	5407223	0.07695	363	363	0 ANNUAL	EMRSS	5	
MINE	422730	5407423	0.08262	366.78	366.78	0 ANNUAL	EMRSS	5	
MINE	422730	5407623	0.09183	360.44	360.44	0 ANNUAL	EMRSS	5	
MINE	422730	5407823	0.09963	358.92	358.92	0 ANNUAL	EMRSS	5	
MINE	422730	5408023	0.10658	357	357	0 ANNUAL	EMRSS	5	
MINE	422730	5408223	0.11396	356	356	0 ANNUAL	EMRSS	5	
MINE	422730	5408423	0.12174	354	354	0 ANNUAL	EMRSS	5	
MINE	422530	5407023	0.07136	358	358	0 ANNUAL	EMRSS	5	
MINE	422530	5407223	0.07722	359.17	359.17	0 ANNUAL	EMRSS	5	
MINE	422530	5407423	0.08196	363.71	363.71	0 ANNUAL	EMRSS	5	
MINE	422530	5407623	0.0889	360	360	0 ANNUAL	EMRSS	5	
MINE	422530	5407823	0.09481	358	358	0 ANNUAL	EMRSS	5	
MINE	422530	5408023	0.10069	357	357	0 ANNUAL	EMRSS	5	
MINE	422530	5408223	0.10718	355.64	355.64	0 ANNUAL	EMRSS	5	
MINE	422530	5408423	0.11539	354.8	354.8	0 ANNUAL	EMRSS	5	
MINE	422330	5407023	0.07028	357.42	357.42	0 ANNUAL	EMRSS	5	
MINE	422330	5407223	0.07537	359	359	0 ANNUAL	EMRSS	5	
MINE	422330	5407423	0.0797	361	361	0 ANNUAL	EMRSS	5	
MINE	422330	5407623	0.08492	359	359	0 ANNUAL	EMRSS	5	
MINE	422330	5407823	0.08967	358	358	0 ANNUAL	EMRSS	5	
MINE	422330	5408023	0.09481	356	356	0 ANNUAL	EMRSS	5	
MINE	422330	5408223	0.10111	354	354	0 ANNUAL	EMRSS	5	
MINE	422330	5408423	0.1094	352.76	352.76	0 ANNUAL	EMRSS	5	
MINE	422330	5414423	0.10685	380.97	380.97	0 ANNUAL	EMRSS	5	
MINE	422330	5414623	0.10281	382	382	0 ANNUAL	EMRSS	5	
MINE	422330	5414823	0.09833	383	383	0 ANNUAL	EMRSS	5	
MINE	422330	5415023	0.09162	387	387	0 ANNUAL	EMRSS	5	
MINE	422130	5407023	0.06835	357	357	0 ANNUAL	EMRSS	5	
MINE	422130	5407223	0.07253	358.98	358.98	0 ANNUAL	EMRSS	5	
MINE	422130	5407423	0.0762	360	360	0 ANNUAL	EMRSS	5	
MINE	422130	5407623	0.08043	359	359	0 ANNUAL	EMRSS	5	
MINE	422130	5407823	0.08491	358	358	0 ANNUAL	EMRSS	5	
MINE	422130	5408023	0.09023	356	356	0 ANNUAL	EMRSS	5	
MINE	422130	5408223	0.09691	354	354	0 ANNUAL	EMRSS	5	
MINE	422130	5408423	0.10511	352	352	0 ANNUAL	EMRSS	5	
MINE	422130	5414423	0.09378	388.19	388.19	0 ANNUAL	EMRSS	5	
MINE	422130	5414623	0.09704	380	380	0 ANNUAL	EMRSS	5	
MINE	422130	5414823	0.09442	380	380	0 ANNUAL	EMRSS	5	
MINE	422130	5415023	0.0882	385.88	385.88	0 ANNUAL	EMRSS	5	
MINE	421930	5407023	0.06559	356.18	356.18	0 ANNUAL	EMRSS	5	
MINE	421930	5407223	0.06911	358.81	358.81	0 ANNUAL	EMRSS	5	
MINE	421930	5407423	0.07226	360	360	0 ANNUAL	EMRSS	5	
MINE	421930	5407623	0.07612	360	360	0 ANNUAL	EMRSS	5	
MINE	421930	5407823	0.08105	358	358	0 ANNUAL	EMRSS	5	
MINE	421930	5408023	0.08671	356	356	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	421930	5408223	0.09333	353.02	353.02	0 ANNUAL	EMRSS	5	
MINE	421930	5408423	0.10129	351	351	0 ANNUAL	EMRSS	5	
MINE	421930	5414423	0.08818	385.74	385.74	0 ANNUAL	EMRSS	5	
MINE	421930	5414623	0.09032	379	379	0 ANNUAL	EMRSS	5	
MINE	421930	5414823	0.08806	380	380	0 ANNUAL	EMRSS	5	
MINE	421930	5415023	0.08473	382.79	382.79	0 ANNUAL	EMRSS	5	
MINE	421730	5407023	0.06267	357.06	357.06	0 ANNUAL	EMRSS	5	
MINE	421730	5407223	0.06551	360	360	0 ANNUAL	EMRSS	5	
MINE	421730	5407423	0.06878	360	360	0 ANNUAL	EMRSS	5	
MINE	421730	5407623	0.07286	360	360	0 ANNUAL	EMRSS	5	
MINE	421730	5407823	0.07799	357.39	357.39	0 ANNUAL	EMRSS	5	
MINE	421730	5408023	0.08366	354.66	354.66	0 ANNUAL	EMRSS	5	
MINE	421730	5408223	0.09051	353	353	0 ANNUAL	EMRSS	5	
MINE	421730	5408423	0.09797	351	351	0 ANNUAL	EMRSS	5	
MINE	421730	5414423	0.08351	382.01	382.01	0 ANNUAL	EMRSS	5	
MINE	421730	5414623	0.08346	379.16	379.16	0 ANNUAL	EMRSS	5	
MINE	421730	5414823	0.08222	378.8	378.8	0 ANNUAL	EMRSS	5	
MINE	421730	5415023	0.07986	381	381	0 ANNUAL	EMRSS	5	
MINE	421530	5407023	0.05969	357	357	0 ANNUAL	EMRSS	5	
MINE	421530	5407223	0.0626	359.79	359.79	0 ANNUAL	EMRSS	5	
MINE	421530	5407423	0.06601	360	360	0 ANNUAL	EMRSS	5	
MINE	421530	5407623	0.07038	360	360	0 ANNUAL	EMRSS	5	
MINE	421530	5407823	0.07552	356.51	356.51	0 ANNUAL	EMRSS	5	
MINE	421530	5408023	0.08095	352.98	352.98	0 ANNUAL	EMRSS	5	
MINE	421530	5408223	0.08721	350.7	350.7	0 ANNUAL	EMRSS	5	
MINE	421530	5408423	0.09383	349	349	0 ANNUAL	EMRSS	5	
MINE	421530	5414423	0.07429	388.41	388.41	0 ANNUAL	EMRSS	5	
MINE	421530	5414623	0.07707	380	380	0 ANNUAL	EMRSS	5	
MINE	421530	5414823	0.07676	377.68	377.68	0 ANNUAL	EMRSS	5	
MINE	421530	5415023	0.0747	380	380	0 ANNUAL	EMRSS	5	
MINE	421330	5407023	0.05689	354.93	354.93	0 ANNUAL	EMRSS	5	
MINE	421330	5407223	0.06003	356	356	0 ANNUAL	EMRSS	5	
MINE	421330	5407423	0.06376	356	356	0 ANNUAL	EMRSS	5	
MINE	421330	5407623	0.0681	355.08	355.08	0 ANNUAL	EMRSS	5	
MINE	421330	5407823	0.07293	353	353	0 ANNUAL	EMRSS	5	
MINE	421330	5408023	0.0781	350	350	0 ANNUAL	EMRSS	5	
MINE	421330	5408223	0.08381	348.2	348.2	0 ANNUAL	EMRSS	5	
MINE	421330	5408423	0.08946	347	347	0 ANNUAL	EMRSS	5	
MINE	421330	5408623	0.09377	345	345	0 ANNUAL	EMRSS	5	
MINE	421330	5414423	0.07211	382.81	382.81	0 ANNUAL	EMRSS	5	
MINE	421330	5414623	0.07215	379.05	379.05	0 ANNUAL	EMRSS	5	
MINE	421330	5414823	0.07168	377	377	0 ANNUAL	EMRSS	5	
MINE	421330	5415023	0.06963	380	380	0 ANNUAL	EMRSS	5	
MINE	421130	5407823	0.07035	349	349	0 ANNUAL	EMRSS	5	
MINE	421130	5408023	0.07565	348.68	348.68	0 ANNUAL	EMRSS	5	
MINE	421130	5408223	0.08063	347	347	0 ANNUAL	EMRSS	5	
MINE	421130	5408423	0.08482	345	345	0 ANNUAL	EMRSS	5	
MINE	421130	5408623	0.08801	344	344	0 ANNUAL	EMRSS	5	
MINE	421130	5414423	0.07028	377	377	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	421130	5414623	0.06869	376	376	0 ANNUAL	EMRSS	5	
MINE	421130	5414823	0.06606	380	380	0 ANNUAL	EMRSS	5	
MINE	421130	5415023	0.06538	379	379	0 ANNUAL	EMRSS	5	
MINE	420930	5407823	0.06834	347.66	347.66	0 ANNUAL	EMRSS	5	
MINE	420930	5408023	0.07294	346.67	346.67	0 ANNUAL	EMRSS	5	
MINE	420930	5408223	0.07699	345	345	0 ANNUAL	EMRSS	5	
MINE	420930	5408423	0.08029	344	344	0 ANNUAL	EMRSS	5	
MINE	420930	5408623	0.08224	343	343	0 ANNUAL	EMRSS	5	
MINE	420930	5414423	0.06753	375	375	0 ANNUAL	EMRSS	5	
MINE	420930	5414623	0.0648	376.68	376.68	0 ANNUAL	EMRSS	5	
MINE	420930	5414823	0.06155	381.83	381.83	0 ANNUAL	EMRSS	5	
MINE	420930	5415023	0.06014	383	383	0 ANNUAL	EMRSS	5	
MINE	420730	5407823	0.06621	346	346	0 ANNUAL	EMRSS	5	
MINE	420730	5408023	0.07013	345	345	0 ANNUAL	EMRSS	5	
MINE	420730	5408223	0.07341	344	344	0 ANNUAL	EMRSS	5	
MINE	420730	5408423	0.07563	343	343	0 ANNUAL	EMRSS	5	
MINE	420730	5408623	0.07691	343	343	0 ANNUAL	EMRSS	5	
MINE	420730	5413623	0.06669	378.28	378.28	0 ANNUAL	EMRSS	5	
MINE	420730	5413823	0.0668	380	380	0 ANNUAL	EMRSS	5	
MINE	420730	5414023	0.06661	380	380	0 ANNUAL	EMRSS	5	
MINE	420730	5414223	0.0661	377.28	377.28	0 ANNUAL	EMRSS	5	
MINE	420730	5414423	0.06457	375.08	375.08	0 ANNUAL	EMRSS	5	
MINE	420730	5414623	0.06103	379.56	379.56	0 ANNUAL	EMRSS	5	
MINE	420730	5414823	0.05771	384	384	0 ANNUAL	EMRSS	5	
MINE	420730	5415023	0.05639	383.98	383.98	0 ANNUAL	EMRSS	5	
MINE	420530	5408023	0.06728	344	344	0 ANNUAL	EMRSS	5	
MINE	420530	5408223	0.06963	342.9	342.9	0 ANNUAL	EMRSS	5	
MINE	420530	5408423	0.07123	343	343	0 ANNUAL	EMRSS	5	
MINE	420530	5408623	0.07243	345.49	345.49	0 ANNUAL	EMRSS	5	
MINE	420530	5408823	0.07284	348	348	0 ANNUAL	EMRSS	5	
MINE	420530	5409023	0.07251	349	349	0 ANNUAL	EMRSS	5	
MINE	420530	5409223	0.07229	350.3	350.3	0 ANNUAL	EMRSS	5	
MINE	420530	5409423	0.07304	353.94	353.94	0 ANNUAL	EMRSS	5	
MINE	420530	5413623	0.06089	380	380	0 ANNUAL	EMRSS	5	
MINE	420530	5413823	0.06174	380.11	380.11	0 ANNUAL	EMRSS	5	
MINE	420530	5414023	0.06258	379	379	0 ANNUAL	EMRSS	5	
MINE	420530	5414223	0.06189	380	380	0 ANNUAL	EMRSS	5	
MINE	420530	5414423	0.06161	375.64	375.64	0 ANNUAL	EMRSS	5	
MINE	420530	5414623	0.0585	380.11	380.11	0 ANNUAL	EMRSS	5	
MINE	420530	5414823	0.05589	382	382	0 ANNUAL	EMRSS	5	
MINE	420530	5415023	0.05463	380.3	380.3	0 ANNUAL	EMRSS	5	
MINE	420330	5408823	0.06772	348	348	0 ANNUAL	EMRSS	5	
MINE	420330	5409023	0.06735	349	349	0 ANNUAL	EMRSS	5	
MINE	420330	5409223	0.06739	351	351	0 ANNUAL	EMRSS	5	
MINE	420330	5409423	0.06813	354	354	0 ANNUAL	EMRSS	5	
MINE	420330	5413623	0.05641	380	380	0 ANNUAL	EMRSS	5	
MINE	420330	5413823	0.0571	380	380	0 ANNUAL	EMRSS	5	
MINE	420330	5414023	0.05791	380	380	0 ANNUAL	EMRSS	5	
MINE	420330	5414223	0.05834	379.52	379.52	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
MINE	420330	5414423	0.05905	373.32	373.32	0 ANNUAL	EMRSS	5
MINE	420330	5414623	0.05665	378.31	378.31	0 ANNUAL	EMRSS	5
MINE	420330	5414823	0.05438	380	380	0 ANNUAL	EMRSS	5
MINE	420330	5415023	0.05252	379.88	379.88	0 ANNUAL	EMRSS	5
MINE	420130	5407023	0.04813	346	346	0 ANNUAL	EMRSS	5
MINE	420130	5408823	0.0631	348	348	0 ANNUAL	EMRSS	5
MINE	420130	5409023	0.06277	349	349	0 ANNUAL	EMRSS	5
MINE	420130	5409223	0.06278	350.06	350.06	0 ANNUAL	EMRSS	5
MINE	420130	5409423	0.06362	353	353	0 ANNUAL	EMRSS	5
MINE	420130	5413623	0.05264	380	380	0 ANNUAL	EMRSS	5
MINE	420130	5413823	0.05295	380	380	0 ANNUAL	EMRSS	5
MINE	420130	5414023	0.05372	380	380	0 ANNUAL	EMRSS	5
MINE	420130	5414223	0.05465	379	379	0 ANNUAL	EMRSS	5
MINE	420130	5414423	0.05568	374.12	374.12	0 ANNUAL	EMRSS	5
MINE	420130	5414623	0.0551	373	373	0 ANNUAL	EMRSS	5
MINE	420130	5414823	0.0534	374.98	374.98	0 ANNUAL	EMRSS	5
MINE	420130	5415023	0.05167	375	375	0 ANNUAL	EMRSS	5
MINE	420130	5415523	0.04726	379	379	0 ANNUAL	EMRSS	5
MINE	420130	5416023	0.04515	382	382	0 ANNUAL	EMRSS	5
MINE	420130	5416523	0.04437	379.22	379.22	0 ANNUAL	EMRSS	5
MINE	420130	5417023	0.04269	381.82	381.82	0 ANNUAL	EMRSS	5
MINE	420630	5415523	0.05387	380	380	0 ANNUAL	EMRSS	5
MINE	420630	5416023	0.05109	385	385	0 ANNUAL	EMRSS	5
MINE	420630	5416523	0.04456	401.03	401.03	0 ANNUAL	EMRSS	5
MINE	420630	5417023	0.04423	398.57	398.57	0 ANNUAL	EMRSS	5
MINE	421130	5415523	0.05944	390	390	0 ANNUAL	EMRSS	5
MINE	421130	5416023	0.05578	394.24	394.24	0 ANNUAL	EMRSS	5
MINE	421130	5416523	0.05181	398	398	0 ANNUAL	EMRSS	5
MINE	421130	5417023	0.04857	396.4	396.4	0 ANNUAL	EMRSS	5
MINE	421630	5415523	0.07263	383	383	0 ANNUAL	EMRSS	5
MINE	421630	5416023	0.06507	389.02	389.02	0 ANNUAL	EMRSS	5
MINE	421630	5416523	0.05426	400	400	0 ANNUAL	EMRSS	5
MINE	421630	5417023	0.05142	396.05	396.05	0 ANNUAL	EMRSS	5
MINE	422130	5415523	0.07885	387.26	387.26	0 ANNUAL	EMRSS	5
MINE	422130	5416023	0.06963	390	390	0 ANNUAL	EMRSS	5
MINE	422130	5416523	0.06189	395.11	395.11	0 ANNUAL	EMRSS	5
MINE	422130	5417023	0.05624	399.02	399.02	0 ANNUAL	EMRSS	5
MINE	422630	5415523	0.08103	396.51	396.51	0 ANNUAL	EMRSS	5
MINE	422630	5416023	0.07646	393.38	393.38	0 ANNUAL	EMRSS	5
MINE	422630	5416523	0.059	410	410	0 ANNUAL	EMRSS	5
MINE	422630	5417023	0.05544	406.54	406.54	0 ANNUAL	EMRSS	5
MINE	423130	5415523	0.08831	397.95	397.95	0 ANNUAL	EMRSS	5
MINE	423130	5416023	0.07671	399	399	0 ANNUAL	EMRSS	5
MINE	423130	5416523	0.06704	400	400	0 ANNUAL	EMRSS	5
MINE	423130	5417023	0.05388	410	410	0 ANNUAL	EMRSS	5
MINE	423630	5415523	0.08916	399.47	399.47	0 ANNUAL	EMRSS	5
MINE	423630	5416023	0.08293	393.25	393.25	0 ANNUAL	EMRSS	5
MINE	423630	5416523	0.07336	393	393	0 ANNUAL	EMRSS	5
MINE	423630	5417023	0.06816	387	387	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	424130	5415523	0.092	401	401	0 ANNUAL	EMRSS	5	
MINE	424130	5416023	0.08942	390.35	390.35	0 ANNUAL	EMRSS	5	
MINE	424130	5416523	0.08376	380	380	0 ANNUAL	EMRSS	5	
MINE	424130	5417023	0.07545	375.19	375.19	0 ANNUAL	EMRSS	5	
MINE	424630	5415523	0.11297	384.17	384.17	0 ANNUAL	EMRSS	5	
MINE	424630	5416023	0.09823	382.4	382.4	0 ANNUAL	EMRSS	5	
MINE	424630	5416523	0.08886	374	374	0 ANNUAL	EMRSS	5	
MINE	424630	5417023	0.07726	376.51	376.51	0 ANNUAL	EMRSS	5	
MINE	425130	5415523	0.12159	377	377	0 ANNUAL	EMRSS	5	
MINE	425130	5416023	0.10308	379.13	379.13	0 ANNUAL	EMRSS	5	
MINE	425130	5416523	0.09	378	378	0 ANNUAL	EMRSS	5	
MINE	425130	5417023	0.0799	375	375	0 ANNUAL	EMRSS	5	
MINE	425630	5415523	0.11599	377	377	0 ANNUAL	EMRSS	5	
MINE	425630	5416023	0.10071	377	377	0 ANNUAL	EMRSS	5	
MINE	425630	5416523	0.08842	376.72	376.72	0 ANNUAL	EMRSS	5	
MINE	425630	5417023	0.07753	378.99	378.99	0 ANNUAL	EMRSS	5	
MINE	426130	5415523	0.10288	380	380	0 ANNUAL	EMRSS	5	
MINE	426130	5416023	0.09024	378	378	0 ANNUAL	EMRSS	5	
MINE	426130	5416523	0.07895	380	380	0 ANNUAL	EMRSS	5	
MINE	426130	5417023	0.07081	380	380	0 ANNUAL	EMRSS	5	
MINE	426630	5415523	0.09569	389	389	0 ANNUAL	EMRSS	5	
MINE	426630	5416023	0.0862	382	382	0 ANNUAL	EMRSS	5	
MINE	426630	5416523	0.07527	380	380	0 ANNUAL	EMRSS	5	
MINE	426630	5417023	0.06651	378	378	0 ANNUAL	EMRSS	5	
MINE	427130	5415523	0.0967	386	386	0 ANNUAL	EMRSS	5	
MINE	427130	5416023	0.08402	385.29	385.29	0 ANNUAL	EMRSS	5	
MINE	427130	5416523	0.0758	380	380	0 ANNUAL	EMRSS	5	
MINE	427130	5417023	0.06673	380	380	0 ANNUAL	EMRSS	5	
MINE	427630	5415523	0.09594	380	380	0 ANNUAL	EMRSS	5	
MINE	427630	5416023	0.08539	380	380	0 ANNUAL	EMRSS	5	
MINE	427630	5416523	0.07454	381	381	0 ANNUAL	EMRSS	5	
MINE	427630	5417023	0.06599	380	380	0 ANNUAL	EMRSS	5	
MINE	428130	5415523	0.08414	380	380	0 ANNUAL	EMRSS	5	
MINE	428130	5416023	0.08	377	377	0 ANNUAL	EMRSS	5	
MINE	428130	5416523	0.07382	376	376	0 ANNUAL	EMRSS	5	
MINE	428130	5417023	0.0663	377	377	0 ANNUAL	EMRSS	5	
MINE	428630	5415523	0.07327	376	376	0 ANNUAL	EMRSS	5	
MINE	428630	5416023	0.07046	375	375	0 ANNUAL	EMRSS	5	
MINE	428630	5416523	0.06695	375	375	0 ANNUAL	EMRSS	5	
MINE	428630	5417023	0.06204	379	379	0 ANNUAL	EMRSS	5	
MINE	429130	5416023	0.06137	373	373	0 ANNUAL	EMRSS	5	
MINE	429130	5416523	0.05912	373	373	0 ANNUAL	EMRSS	5	
MINE	429130	5417023	0.05656	374	374	0 ANNUAL	EMRSS	5	
MINE	429630	5416023	0.05234	377.96	377.96	0 ANNUAL	EMRSS	5	
MINE	429630	5416523	0.05194	372	372	0 ANNUAL	EMRSS	5	
MINE	429630	5417023	0.05026	372	372	0 ANNUAL	EMRSS	5	
MINE	430130	5416023	0.04301	388.36	400	0 ANNUAL	EMRSS	5	
MINE	430130	5416523	0.04473	378	411	0 ANNUAL	EMRSS	5	
MINE	430130	5417023	0.04432	373.81	373.81	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
MINE	430630	5416023	0.04049	375	375	0 ANNUAL	EMRSS	5
MINE	430630	5416523	0.03787	385.95	411	0 ANNUAL	EMRSS	5
MINE	430630	5417023	0.03645	391.87	391.87	0 ANNUAL	EMRSS	5
MINE	431130	5416023	0.03582	378	378	0 ANNUAL	EMRSS	5
MINE	431130	5416523	0.03288	392	392	0 ANNUAL	EMRSS	5
MINE	431130	5417023	0.03301	387.63	402	0 ANNUAL	EMRSS	5
MINE	431630	5415523	0.03335	379.96	379.96	0 ANNUAL	EMRSS	5
MINE	431630	5416023	0.03066	389.07	389.07	0 ANNUAL	EMRSS	5
MINE	431630	5416523	0.03179	376.44	376.44	0 ANNUAL	EMRSS	5
MINE	431630	5417023	0.02919	392.08	392.08	0 ANNUAL	EMRSS	5
MINE	432130	5415523	0.03084	381	381	0 ANNUAL	EMRSS	5
MINE	432130	5416023	0.02934	380	380	0 ANNUAL	EMRSS	5
MINE	432130	5416523	0.0268	393.08	393.08	0 ANNUAL	EMRSS	5
MINE	432130	5417023	0.02854	373	400	0 ANNUAL	EMRSS	5
MINE	432630	5415523	0.02448	407.92	409	0 ANNUAL	EMRSS	5
MINE	432630	5416023	0.02644	389.44	421	0 ANNUAL	EMRSS	5
MINE	432630	5416523	0.02636	377	377	0 ANNUAL	EMRSS	5
MINE	432630	5417023	0.02537	381.97	381.97	0 ANNUAL	EMRSS	5
MINE	433130	5415523	0.02224	408.19	408.19	0 ANNUAL	EMRSS	5
MINE	433130	5416023	0.01988	420.05	431	0 ANNUAL	EMRSS	5
MINE	433130	5416523	0.02371	388.33	440	0 ANNUAL	EMRSS	5
MINE	433130	5417023	0.02394	373	373	0 ANNUAL	EMRSS	5
MINE	431630	5415023	0.03543	376	376	0 ANNUAL	EMRSS	5
MINE	431630	5414523	0.03564	379	379	0 ANNUAL	EMRSS	5
MINE	431630	5414023	0.03649	378.4	378.4	0 ANNUAL	EMRSS	5
MINE	431630	5413523	0.0387	378	378	0 ANNUAL	EMRSS	5
MINE	431630	5413023	0.04327	375	375	0 ANNUAL	EMRSS	5
MINE	431630	5412023	0.04919	382	382	0 ANNUAL	EMRSS	5
MINE	431630	5411523	0.05305	382	382	0 ANNUAL	EMRSS	5
MINE	431630	5411023	0.05751	380	380	0 ANNUAL	EMRSS	5
MINE	431630	5410023	0.0524	383.9	383.9	0 ANNUAL	EMRSS	5
MINE	431630	5409523	0.05195	381	381	0 ANNUAL	EMRSS	5
MINE	431630	5409023	0.05356	366.01	366.01	0 ANNUAL	EMRSS	5
MINE	431630	5408523	0.05223	361	361	0 ANNUAL	EMRSS	5
MINE	431630	5408023	0.05038	363	363	0 ANNUAL	EMRSS	5
MINE	431630	5407523	0.04851	369	369	0 ANNUAL	EMRSS	5
MINE	431630	5407023	0.04405	378.31	378.31	0 ANNUAL	EMRSS	5
MINE	431630	5406523	0.03975	377	377	0 ANNUAL	EMRSS	5
MINE	431630	5406023	0.03639	372.49	372.49	0 ANNUAL	EMRSS	5
MINE	431630	5405523	0.03361	367	367	0 ANNUAL	EMRSS	5
MINE	431630	5405023	0.03076	369	369	0 ANNUAL	EMRSS	5
MINE	431630	5404523	0.02869	370.02	370.02	0 ANNUAL	EMRSS	5
MINE	431630	5404023	0.02766	367	367	0 ANNUAL	EMRSS	5
MINE	431630	5403523	0.02656	369.7	382	0 ANNUAL	EMRSS	5
MINE	431630	5403023	0.02554	365	365	0 ANNUAL	EMRSS	5
MINE	431630	5402523	0.02432	360	360	0 ANNUAL	EMRSS	5
MINE	431630	5402023	0.02279	358.21	358.21	0 ANNUAL	EMRSS	5
MINE	432130	5415023	0.03168	380	380	0 ANNUAL	EMRSS	5
MINE	432130	5414523	0.03184	381	381	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	432130	5414023	0.03357	376.05	376.05	0 ANNUAL	EMRSS	5	
MINE	432130	5413523	0.03586	376.44	376.44	0 ANNUAL	EMRSS	5	
MINE	432130	5413023	0.03971	378	378	0 ANNUAL	EMRSS	5	
MINE	432130	5412523	0.0438	374	374	0 ANNUAL	EMRSS	5	
MINE	432130	5412023	0.04518	376.57	376.57	0 ANNUAL	EMRSS	5	
MINE	432130	5411523	0.04885	375.96	375.96	0 ANNUAL	EMRSS	5	
MINE	432130	5411023	0.05238	373.18	373.18	0 ANNUAL	EMRSS	5	
MINE	432130	5410523	0.05144	370	370	0 ANNUAL	EMRSS	5	
MINE	432130	5410023	0.04907	370.42	370.42	0 ANNUAL	EMRSS	5	
MINE	432130	5409523	0.04788	371.86	371.86	0 ANNUAL	EMRSS	5	
MINE	432130	5409023	0.0475	371	371	0 ANNUAL	EMRSS	5	
MINE	432130	5408523	0.047	362	362	0 ANNUAL	EMRSS	5	
MINE	432130	5408023	0.04456	370	370	0 ANNUAL	EMRSS	5	
MINE	432130	5407523	0.04382	372	372	0 ANNUAL	EMRSS	5	
MINE	432130	5407023	0.04157	376	376	0 ANNUAL	EMRSS	5	
MINE	432130	5406523	0.03812	373	373	0 ANNUAL	EMRSS	5	
MINE	432130	5406023	0.03482	369.31	369.31	0 ANNUAL	EMRSS	5	
MINE	432130	5405523	0.03188	369	369	0 ANNUAL	EMRSS	5	
MINE	432130	5405023	0.02901	375.42	375.42	0 ANNUAL	EMRSS	5	
MINE	432130	5404523	0.02665	376.61	376.61	0 ANNUAL	EMRSS	5	
MINE	432130	5404023	0.02515	375	377	0 ANNUAL	EMRSS	5	
MINE	432130	5403523	0.02465	366.89	366.89	0 ANNUAL	EMRSS	5	
MINE	432130	5403023	0.02382	368	368	0 ANNUAL	EMRSS	5	
MINE	432130	5402523	0.02317	359.64	359.64	0 ANNUAL	EMRSS	5	
MINE	432130	5402023	0.02163	373.53	373.53	0 ANNUAL	EMRSS	5	
MINE	432630	5415023	0.02554	401.58	401.58	0 ANNUAL	EMRSS	5	
MINE	432630	5414523	0.02815	388.61	398	0 ANNUAL	EMRSS	5	
MINE	432630	5414023	0.03071	378.54	378.54	0 ANNUAL	EMRSS	5	
MINE	432630	5413523	0.03289	379.82	379.82	0 ANNUAL	EMRSS	5	
MINE	432630	5413023	0.03675	380	380	0 ANNUAL	EMRSS	5	
MINE	432630	5412523	0.03944	378	378	0 ANNUAL	EMRSS	5	
MINE	432630	5412023	0.0405	380	380	0 ANNUAL	EMRSS	5	
MINE	432630	5411523	0.04396	378.87	378.87	0 ANNUAL	EMRSS	5	
MINE	432630	5411023	0.04664	379	379	0 ANNUAL	EMRSS	5	
MINE	432630	5410523	0.04582	375	375	0 ANNUAL	EMRSS	5	
MINE	432630	5410023	0.04401	372	372	0 ANNUAL	EMRSS	5	
MINE	432630	5409523	0.04279	374.92	374.92	0 ANNUAL	EMRSS	5	
MINE	432630	5409023	0.04301	368.66	368.66	0 ANNUAL	EMRSS	5	
MINE	432630	5408523	0.04216	369.05	369.05	0 ANNUAL	EMRSS	5	
MINE	432630	5408023	0.04043	370	370	0 ANNUAL	EMRSS	5	
MINE	432630	5407523	0.0397	370	370	0 ANNUAL	EMRSS	5	
MINE	432630	5407023	0.03881	372	372	0 ANNUAL	EMRSS	5	
MINE	432630	5406523	0.03589	377.4	377.4	0 ANNUAL	EMRSS	5	
MINE	432630	5406023	0.03267	378	378	0 ANNUAL	EMRSS	5	
MINE	432630	5405523	0.03008	374.78	374.78	0 ANNUAL	EMRSS	5	
MINE	432630	5405023	0.0275	379.88	379.88	0 ANNUAL	EMRSS	5	
MINE	432630	5404523	0.02477	390	390	0 ANNUAL	EMRSS	5	
MINE	432630	5404023	0.0237	376.66	376.66	0 ANNUAL	EMRSS	5	
MINE	432630	5403523	0.02288	368.08	368.08	0 ANNUAL	EMRSS	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	432630	5403023	0.02221	365.22	365.22	0 ANNUAL	EMRSS	5	
MINE	432630	5402523	0.02165	362.08	362.08	0 ANNUAL	EMRSS	5	
MINE	432630	5402023	0.02064	372	372	0 ANNUAL	EMRSS	5	
MINE	433130	5415023	0.02297	404.73	404.73	0 ANNUAL	EMRSS	5	
MINE	433130	5414523	0.02681	381.51	381.51	0 ANNUAL	EMRSS	5	
MINE	433130	5414023	0.02886	374.67	374.67	0 ANNUAL	EMRSS	5	
MINE	433130	5413523	0.03116	376.92	376.92	0 ANNUAL	EMRSS	5	
MINE	433130	5413023	0.03424	380	380	0 ANNUAL	EMRSS	5	
MINE	433130	5412523	0.03605	376.78	391	0 ANNUAL	EMRSS	5	
MINE	433130	5412023	0.03683	381.37	381.37	0 ANNUAL	EMRSS	5	
MINE	433130	5411523	0.04001	380	380	0 ANNUAL	EMRSS	5	
MINE	433130	5411023	0.04204	381.98	381.98	0 ANNUAL	EMRSS	5	
MINE	433130	5410523	0.04116	379	379	0 ANNUAL	EMRSS	5	
MINE	433130	5410023	0.03944	376.36	376.36	0 ANNUAL	EMRSS	5	
MINE	433130	5409523	0.03896	373.38	373.38	0 ANNUAL	EMRSS	5	
MINE	433130	5409023	0.03909	367	367	0 ANNUAL	EMRSS	5	
MINE	433130	5408523	0.03867	366	366	0 ANNUAL	EMRSS	5	
MINE	433130	5408023	0.03719	368	368	0 ANNUAL	EMRSS	5	
MINE	433130	5407523	0.03601	370	370	0 ANNUAL	EMRSS	5	
MINE	433130	5407023	0.03552	374.55	374.55	0 ANNUAL	EMRSS	5	
MINE	433130	5406523	0.03379	380	380	0 ANNUAL	EMRSS	5	
MINE	433130	5406023	0.03118	379	379	0 ANNUAL	EMRSS	5	
MINE	433130	5405523	0.02843	381.05	381.05	0 ANNUAL	EMRSS	5	
MINE	433130	5405023	0.02566	389	389	0 ANNUAL	EMRSS	5	
MINE	433130	5404523	0.02409	387.03	387.03	0 ANNUAL	EMRSS	5	
MINE	433130	5404023	0.02267	380.92	380.92	0 ANNUAL	EMRSS	5	
MINE	433130	5403523	0.02162	369	369	0 ANNUAL	EMRSS	5	
MINE	433130	5403023	0.02053	369.97	369.97	0 ANNUAL	EMRSS	5	
MINE	433130	5402523	0.01991	370	370	0 ANNUAL	EMRSS	5	
MINE	433130	5402023	0.01916	381	381	0 ANNUAL	EMRSS	5	
MINE	431130	5403523	0.02855	367	367	0 ANNUAL	EMRSS	5	
MINE	431130	5403023	0.027	360.84	360.84	0 ANNUAL	EMRSS	5	
MINE	431130	5402523	0.02486	365.9	365.9	0 ANNUAL	EMRSS	5	
MINE	431130	5402023	0.02324	360	360	0 ANNUAL	EMRSS	5	
MINE	430630	5403523	0.03024	361	361	0 ANNUAL	EMRSS	5	
MINE	430630	5403023	0.02767	364	364	0 ANNUAL	EMRSS	5	
MINE	430630	5402523	0.02534	364.18	364.18	0 ANNUAL	EMRSS	5	
MINE	430630	5402023	0.02359	360	360	0 ANNUAL	EMRSS	5	
MINE	430130	5403523	0.03076	367	367	0 ANNUAL	EMRSS	5	
MINE	430130	5403023	0.02779	370	370	0 ANNUAL	EMRSS	5	
MINE	430130	5402523	0.02564	365.58	365.58	0 ANNUAL	EMRSS	5	
MINE	430130	5402023	0.02385	360	360	0 ANNUAL	EMRSS	5	
MINE	429630	5403523	0.03105	370	370	0 ANNUAL	EMRSS	5	
MINE	429630	5403023	0.02829	368.94	368.94	0 ANNUAL	EMRSS	5	
MINE	429630	5402523	0.02589	366	366	0 ANNUAL	EMRSS	5	
MINE	429630	5402023	0.02369	362	362	0 ANNUAL	EMRSS	5	
MINE	429130	5403523	0.03154	369	369	0 ANNUAL	EMRSS	5	
MINE	429130	5403023	0.02846	367	367	0 ANNUAL	EMRSS	5	
MINE	429130	5402523	0.0257	364	364	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	429130	5402023	0.02316	364	364	0 ANNUAL	EMRSS	5	
MINE	428630	5403523	0.0313	368	368	0 ANNUAL	EMRSS	5	
MINE	428630	5403023	0.02782	368	368	0 ANNUAL	EMRSS	5	
MINE	428630	5402523	0.02489	368	368	0 ANNUAL	EMRSS	5	
MINE	428630	5402023	0.02249	366.82	366.82	0 ANNUAL	EMRSS	5	
MINE	428130	5403523	0.03037	369	369	0 ANNUAL	EMRSS	5	
MINE	428130	5403023	0.02696	370.46	370.46	0 ANNUAL	EMRSS	5	
MINE	428130	5402523	0.0242	371	371	0 ANNUAL	EMRSS	5	
MINE	428130	5402023	0.02196	370	370	0 ANNUAL	EMRSS	5	
MINE	427630	5403523	0.02971	368	368	0 ANNUAL	EMRSS	5	
MINE	427630	5403023	0.02641	371	371	0 ANNUAL	EMRSS	5	
MINE	427630	5402523	0.02361	375	375	0 ANNUAL	EMRSS	5	
MINE	427630	5402023	0.02143	375.58	375.58	0 ANNUAL	EMRSS	5	
MINE	427130	5403523	0.02938	368	368	0 ANNUAL	EMRSS	5	
MINE	427130	5403023	0.02617	372	372	0 ANNUAL	EMRSS	5	
MINE	427130	5402523	0.02358	375	375	0 ANNUAL	EMRSS	5	
MINE	427130	5402023	0.02138	378	378	0 ANNUAL	EMRSS	5	
MINE	426630	5403523	0.02943	366	366	0 ANNUAL	EMRSS	5	
MINE	426630	5403023	0.02579	377.23	377.23	0 ANNUAL	EMRSS	5	
MINE	426630	5402523	0.0232	379	379	0 ANNUAL	EMRSS	5	
MINE	426630	5402023	0.0212	376	376	0 ANNUAL	EMRSS	5	
MINE	426130	5403523	0.02812	366.78	366.78	0 ANNUAL	EMRSS	5	
MINE	426130	5403023	0.02312	389.9	389.9	0 ANNUAL	EMRSS	5	
MINE	426130	5402523	0.0217	378.72	378.72	0 ANNUAL	EMRSS	5	
MINE	426130	5402023	0.01969	377	377	0 ANNUAL	EMRSS	5	
MINE	425630	5403523	0.0265	368.19	368.19	0 ANNUAL	EMRSS	5	
MINE	425630	5403023	0.02353	371	371	0 ANNUAL	EMRSS	5	
MINE	425630	5402523	0.02075	378	378	0 ANNUAL	EMRSS	5	
MINE	425630	5402023	0.01908	376	376	0 ANNUAL	EMRSS	5	
MINE	425130	5403523	0.02718	368.04	368.04	0 ANNUAL	EMRSS	5	
MINE	425130	5403023	0.02404	375	375	0 ANNUAL	EMRSS	5	
MINE	425130	5402523	0.02173	377	377	0 ANNUAL	EMRSS	5	
MINE	425130	5402023	0.0194	384.6	384.6	0 ANNUAL	EMRSS	5	
MINE	424630	5403523	0.02866	369.33	369.33	0 ANNUAL	EMRSS	5	
MINE	424630	5403023	0.02493	379.99	379.99	0 ANNUAL	EMRSS	5	
MINE	424630	5402523	0.02258	380	380	0 ANNUAL	EMRSS	5	
MINE	424630	5402023	0.02064	379	379	0 ANNUAL	EMRSS	5	
MINE	424130	5403523	0.03034	365.91	365.91	0 ANNUAL	EMRSS	5	
MINE	424130	5403023	0.02707	371	371	0 ANNUAL	EMRSS	5	
MINE	424130	5402523	0.02396	381	381	0 ANNUAL	EMRSS	5	
MINE	424130	5402023	0.02198	378.03	378.03	0 ANNUAL	EMRSS	5	
MINE	423630	5403523	0.03022	363.92	363.92	0 ANNUAL	EMRSS	5	
MINE	423630	5403023	0.02688	375	375	0 ANNUAL	EMRSS	5	
MINE	423630	5402523	0.02431	379	379	0 ANNUAL	EMRSS	5	
MINE	423630	5402023	0.02241	377	377	0 ANNUAL	EMRSS	5	
MINE	423130	5403523	0.02865	369	369	0 ANNUAL	EMRSS	5	
MINE	423130	5403023	0.02569	376	376	0 ANNUAL	EMRSS	5	
MINE	423130	5402523	0.02332	380	380	0 ANNUAL	EMRSS	5	
MINE	423130	5402023	0.02177	375	375	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
MINE	422630	5403523	0.0275	371	371	0 ANNUAL	EMRSS	5
MINE	422630	5403023	0.0246	377	377	0 ANNUAL	EMRSS	5
MINE	422630	5402523	0.02273	373.78	373.78	0 ANNUAL	EMRSS	5
MINE	422630	5402023	0.02093	374	374	0 ANNUAL	EMRSS	5
MINE	422130	5403523	0.02716	361	361	0 ANNUAL	EMRSS	5
MINE	422130	5403023	0.02428	371	371	0 ANNUAL	EMRSS	5
MINE	422130	5402523	0.02233	370	370	0 ANNUAL	EMRSS	5
MINE	422130	5402023	0.02048	371	371	0 ANNUAL	EMRSS	5
MINE	421630	5403523	0.02595	358.11	358.11	0 ANNUAL	EMRSS	5
MINE	421630	5403023	0.0232	366.93	366.93	0 ANNUAL	EMRSS	5
MINE	421630	5402523	0.02193	361	361	0 ANNUAL	EMRSS	5
MINE	421630	5402023	0.02002	367.71	367.71	0 ANNUAL	EMRSS	5
MINE	421130	5403523	0.02522	360	360	0 ANNUAL	EMRSS	5
MINE	421130	5403023	0.02292	359	359	0 ANNUAL	EMRSS	5
MINE	421130	5402523	0.02106	359	359	0 ANNUAL	EMRSS	5
MINE	421130	5402023	0.01922	363.14	363.14	0 ANNUAL	EMRSS	5
MINE	420630	5403523	0.02538	359	359	0 ANNUAL	EMRSS	5
MINE	420630	5403023	0.02271	357	357	0 ANNUAL	EMRSS	5
MINE	420630	5402523	0.02059	357.89	357.89	0 ANNUAL	EMRSS	5
MINE	420630	5402023	0.01872	361	361	0 ANNUAL	EMRSS	5
MINE	420130	5403523	0.02528	354.46	354.46	0 ANNUAL	EMRSS	5
MINE	420130	5403023	0.02277	354	354	0 ANNUAL	EMRSS	5
MINE	420130	5402523	0.02066	358	358	0 ANNUAL	EMRSS	5
MINE	420130	5402023	0.01873	360	360	0 ANNUAL	EMRSS	5
MINE	419630	5403523	0.02467	353	353	0 ANNUAL	EMRSS	5
MINE	419630	5403023	0.02269	354	354	0 ANNUAL	EMRSS	5
MINE	419630	5402523	0.02068	354.37	354.37	0 ANNUAL	EMRSS	5
MINE	419630	5402023	0.01885	356	356	0 ANNUAL	EMRSS	5
MINE	419130	5403523	0.02343	360	360	0 ANNUAL	EMRSS	5
MINE	419130	5403023	0.02213	358	358	0 ANNUAL	EMRSS	5
MINE	419130	5402523	0.02057	358	358	0 ANNUAL	EMRSS	5
MINE	419130	5402023	0.0189	357	357	0 ANNUAL	EMRSS	5
MINE	418630	5403523	0.02142	348.98	348.98	0 ANNUAL	EMRSS	5
MINE	418630	5403023	0.02079	356.06	356.06	0 ANNUAL	EMRSS	5
MINE	418630	5402523	0.01961	370.29	380	0 ANNUAL	EMRSS	5
MINE	418630	5402023	0.01866	359	359	0 ANNUAL	EMRSS	5
MINE	418130	5403523	0.01987	347	347	0 ANNUAL	EMRSS	5
MINE	418130	5403023	0.01925	360	360	0 ANNUAL	EMRSS	5
MINE	418130	5402523	0.01865	358.42	358.42	0 ANNUAL	EMRSS	5
MINE	418130	5402023	0.01779	352	352	0 ANNUAL	EMRSS	5
MINE	419630	5404023	0.0264	352	352	0 ANNUAL	EMRSS	5
MINE	419630	5404523	0.02776	350	350	0 ANNUAL	EMRSS	5
MINE	419630	5405023	0.02927	349	349	0 ANNUAL	EMRSS	5
MINE	419630	5405523	0.03199	354	354	0 ANNUAL	EMRSS	5
MINE	419630	5406523	0.04029	349	349	0 ANNUAL	EMRSS	5
MINE	419630	5407023	0.04601	347	347	0 ANNUAL	EMRSS	5
MINE	419630	5408023	0.05358	342	342	0 ANNUAL	EMRSS	5
MINE	419630	5408523	0.05387	346.05	346.05	0 ANNUAL	EMRSS	5
MINE	419630	5409023	0.05327	348.11	348.11	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	419630	5409523	0.05475	351.75	351.75	0 ANNUAL	EMRSS	5	
MINE	419630	5410023	0.05438	356.29	356.29	0 ANNUAL	EMRSS	5	
MINE	419630	5410523	0.05145	359	359	0 ANNUAL	EMRSS	5	
MINE	419630	5411023	0.04775	357	357	0 ANNUAL	EMRSS	5	
MINE	419630	5413523	0.04566	378.38	378.38	0 ANNUAL	EMRSS	5	
MINE	419630	5414023	0.04694	370	370	0 ANNUAL	EMRSS	5	
MINE	419630	5414523	0.04724	376.31	376.31	0 ANNUAL	EMRSS	5	
MINE	419630	5415023	0.04657	378	378	0 ANNUAL	EMRSS	5	
MINE	419630	5415523	0.04194	385.5	385.5	0 ANNUAL	EMRSS	5	
MINE	419630	5416023	0.0383	390.01	390.01	0 ANNUAL	EMRSS	5	
MINE	419630	5416523	0.03847	384.1	384.1	0 ANNUAL	EMRSS	5	
MINE	419630	5417023	0.03849	376.55	376.55	0 ANNUAL	EMRSS	5	
MINE	419130	5404023	0.02451	357.06	357.06	0 ANNUAL	EMRSS	5	
MINE	419130	5404523	0.02563	353	353	0 ANNUAL	EMRSS	5	
MINE	419130	5405023	0.02736	347	347	0 ANNUAL	EMRSS	5	
MINE	419130	5405523	0.03056	352	352	0 ANNUAL	EMRSS	5	
MINE	419130	5406023	0.03413	349	349	0 ANNUAL	EMRSS	5	
MINE	419130	5406523	0.03862	348	348	0 ANNUAL	EMRSS	5	
MINE	419130	5407023	0.0433	346	346	0 ANNUAL	EMRSS	5	
MINE	419130	5407523	0.04628	343.96	343.96	0 ANNUAL	EMRSS	5	
MINE	419130	5408023	0.04657	341.37	341.37	0 ANNUAL	EMRSS	5	
MINE	419130	5408523	0.04621	345.22	345.22	0 ANNUAL	EMRSS	5	
MINE	419130	5409023	0.04607	347	347	0 ANNUAL	EMRSS	5	
MINE	419130	5409523	0.0473	349	349	0 ANNUAL	EMRSS	5	
MINE	419130	5410023	0.04608	350	350	0 ANNUAL	EMRSS	5	
MINE	419130	5410523	0.04371	351	351	0 ANNUAL	EMRSS	5	
MINE	419130	5411023	0.04129	355	355	0 ANNUAL	EMRSS	5	
MINE	419130	5413523	0.03981	371.92	371.92	0 ANNUAL	EMRSS	5	
MINE	419130	5414023	0.03994	375.47	375.47	0 ANNUAL	EMRSS	5	
MINE	419130	5414523	0.03963	379	379	0 ANNUAL	EMRSS	5	
MINE	419130	5415023	0.04064	381	381	0 ANNUAL	EMRSS	5	
MINE	419130	5415523	0.03986	380	380	0 ANNUAL	EMRSS	5	
MINE	419130	5416023	0.03634	384.29	384.29	0 ANNUAL	EMRSS	5	
MINE	419130	5416523	0.03503	378.15	378.15	0 ANNUAL	EMRSS	5	
MINE	419130	5417023	0.03484	370	370	0 ANNUAL	EMRSS	5	
MINE	418630	5404023	0.02241	348.76	351	0 ANNUAL	EMRSS	5	
MINE	418630	5404523	0.02389	345	345	0 ANNUAL	EMRSS	5	
MINE	418630	5405023	0.0262	343.8	343.8	0 ANNUAL	EMRSS	5	
MINE	418630	5405523	0.02948	351	351	0 ANNUAL	EMRSS	5	
MINE	418630	5406023	0.03255	343	343	0 ANNUAL	EMRSS	5	
MINE	418630	5406523	0.03646	342	342	0 ANNUAL	EMRSS	5	
MINE	418630	5407023	0.03992	344	344	0 ANNUAL	EMRSS	5	
MINE	418630	5407523	0.04113	343	343	0 ANNUAL	EMRSS	5	
MINE	418630	5408023	0.04065	341	341	0 ANNUAL	EMRSS	5	
MINE	418630	5408523	0.04011	344	344	0 ANNUAL	EMRSS	5	
MINE	418630	5409023	0.04042	345	345	0 ANNUAL	EMRSS	5	
MINE	418630	5409523	0.04122	346	346	0 ANNUAL	EMRSS	5	
MINE	418630	5410023	0.03985	347	347	0 ANNUAL	EMRSS	5	
MINE	418630	5410523	0.03797	347.81	347.81	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr Num	Year	Net ID
MINE	418630	5411023	0.03582	349	349	0 ANNUAL	EMRSS	5
MINE	418630	5413523	0.03402	370	370	0 ANNUAL	EMRSS	5
MINE	418630	5414023	0.03557	371.3	371.3	0 ANNUAL	EMRSS	5
MINE	418630	5414523	0.03514	372.94	372.94	0 ANNUAL	EMRSS	5
MINE	418630	5415023	0.03511	380	380	0 ANNUAL	EMRSS	5
MINE	418630	5415523	0.03597	379.86	379.86	0 ANNUAL	EMRSS	5
MINE	418630	5416023	0.03536	372.14	372.14	0 ANNUAL	EMRSS	5
MINE	418630	5416523	0.03332	368	368	0 ANNUAL	EMRSS	5
MINE	418630	5417023	0.03178	366	366	0 ANNUAL	EMRSS	5
MINE	418130	5404023	0.02142	353.54	353.54	0 ANNUAL	EMRSS	5
MINE	418130	5404523	0.02352	358.24	358.24	0 ANNUAL	EMRSS	5
MINE	418130	5405023	0.02581	354	354	0 ANNUAL	EMRSS	5
MINE	418130	5405523	0.02834	347.1	347.1	0 ANNUAL	EMRSS	5
MINE	418130	5406023	0.03141	343	343	0 ANNUAL	EMRSS	5
MINE	418130	5406523	0.03451	343	343	0 ANNUAL	EMRSS	5
MINE	418130	5407023	0.03619	342	342	0 ANNUAL	EMRSS	5
MINE	418130	5407523	0.03634	341	341	0 ANNUAL	EMRSS	5
MINE	418130	5408023	0.03576	341	341	0 ANNUAL	EMRSS	5
MINE	418130	5408523	0.03531	343	343	0 ANNUAL	EMRSS	5
MINE	418130	5409023	0.036	344	344	0 ANNUAL	EMRSS	5
MINE	418130	5409523	0.03638	345	345	0 ANNUAL	EMRSS	5
MINE	418130	5410023	0.03502	346	346	0 ANNUAL	EMRSS	5
MINE	418130	5410523	0.03353	347	347	0 ANNUAL	EMRSS	5
MINE	418130	5411023	0.03174	348	348	0 ANNUAL	EMRSS	5
MINE	418130	5413523	0.02952	366.22	366.22	0 ANNUAL	EMRSS	5
MINE	418130	5414023	0.03125	369.28	369.28	0 ANNUAL	EMRSS	5
MINE	418130	5414523	0.03124	373.9	373.9	0 ANNUAL	EMRSS	5
MINE	418130	5415023	0.03043	380	380	0 ANNUAL	EMRSS	5
MINE	418130	5415523	0.03153	380	380	0 ANNUAL	EMRSS	5
MINE	418130	5416023	0.03222	375.62	375.62	0 ANNUAL	EMRSS	5
MINE	418130	5416523	0.03124	368.04	368.04	0 ANNUAL	EMRSS	5
MINE	418130	5417023	0.02977	362	362	0 ANNUAL	EMRSS	5
MINE	418130	5417857	0.02809	360	360	0 ANNUAL	EMRSS	5
MINE	418130	5418690	0.0271	358.51	358.51	0 ANNUAL	EMRSS	5
MINE	418130	5419523	0.02564	366.26	366.26	0 ANNUAL	EMRSS	5
MINE	419102	5417857	0.03334	368.86	368.86	0 ANNUAL	EMRSS	5
MINE	419102	5418690	0.03243	362.1	362.1	0 ANNUAL	EMRSS	5
MINE	419102	5419523	0.03048	364	364	0 ANNUAL	EMRSS	5
MINE	420074	5417857	0.03896	389.4	389.4	0 ANNUAL	EMRSS	5
MINE	420074	5418690	0.03682	377	377	0 ANNUAL	EMRSS	5
MINE	420074	5419523	0.03323	369	369	0 ANNUAL	EMRSS	5
MINE	421047	5417857	0.04161	396.65	396.65	0 ANNUAL	EMRSS	5
MINE	421047	5418690	0.04016	384.78	384.78	0 ANNUAL	EMRSS	5
MINE	421047	5419523	0.03817	373	373	0 ANNUAL	EMRSS	5
MINE	422019	5417857	0.05346	383.01	383.01	0 ANNUAL	EMRSS	5
MINE	422019	5418690	0.04646	380	380	0 ANNUAL	EMRSS	5
MINE	422019	5419523	0.04092	370.69	370.69	0 ANNUAL	EMRSS	5
MINE	422991	5417857	0.05582	382.48	382.48	0 ANNUAL	EMRSS	5
MINE	422991	5418690	0.04787	379.67	379.67	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	422991	5419523	0.04224	371.96	371.96	0 ANNUAL	EMRSS	5	
MINE	423963	5417857	0.06248	371	371	0 ANNUAL	EMRSS	5	
MINE	423963	5418690	0.05293	369	369	0 ANNUAL	EMRSS	5	
MINE	423963	5419523	0.04541	368	368	0 ANNUAL	EMRSS	5	
MINE	424936	5417857	0.06465	377.15	377.15	0 ANNUAL	EMRSS	5	
MINE	424936	5418690	0.05401	379	379	0 ANNUAL	EMRSS	5	
MINE	424936	5419523	0.04639	377.38	377.38	0 ANNUAL	EMRSS	5	
MINE	425908	5417857	0.06255	379.54	379.54	0 ANNUAL	EMRSS	5	
MINE	425908	5418690	0.05427	372	372	0 ANNUAL	EMRSS	5	
MINE	425908	5419523	0.0466	373	373	0 ANNUAL	EMRSS	5	
MINE	426880	5417857	0.05413	379	379	0 ANNUAL	EMRSS	5	
MINE	426880	5418690	0.04523	381	381	0 ANNUAL	EMRSS	5	
MINE	426880	5419523	0.04078	370.81	370.81	0 ANNUAL	EMRSS	5	
MINE	427852	5417857	0.05487	378	378	0 ANNUAL	EMRSS	5	
MINE	427852	5418690	0.04694	374.7	374.7	0 ANNUAL	EMRSS	5	
MINE	427852	5419523	0.04077	364	364	0 ANNUAL	EMRSS	5	
MINE	428824	5417857	0.0534	379	379	0 ANNUAL	EMRSS	5	
MINE	428824	5418690	0.04576	379	379	0 ANNUAL	EMRSS	5	
MINE	428824	5419523	0.03938	375.16	375.16	0 ANNUAL	EMRSS	5	
MINE	429797	5417857	0.04577	371	371	0 ANNUAL	EMRSS	5	
MINE	429797	5418690	0.0425	373	373	0 ANNUAL	EMRSS	5	
MINE	429797	5419523	0.039	371	371	0 ANNUAL	EMRSS	5	
MINE	430769	5417857	0.03727	368	368	0 ANNUAL	EMRSS	5	
MINE	430769	5418690	0.0355	370	370	0 ANNUAL	EMRSS	5	
MINE	430769	5419523	0.03385	370	370	0 ANNUAL	EMRSS	5	
MINE	431741	5417857	0.02718	396.6	401	0 ANNUAL	EMRSS	5	
MINE	431741	5418690	0.029	377.21	390	0 ANNUAL	EMRSS	5	
MINE	431741	5419523	0.02861	366	366	0 ANNUAL	EMRSS	5	
MINE	432713	5417857	0.02492	373	373	0 ANNUAL	EMRSS	5	
MINE	432713	5418690	0.02414	376.07	376.07	0 ANNUAL	EMRSS	5	
MINE	432713	5419523	0.02177	400	400	0 ANNUAL	EMRSS	5	
MINE	433686	5417857	0.0212	374	374	0 ANNUAL	EMRSS	5	
MINE	433686	5418690	0.01972	390.86	400	0 ANNUAL	EMRSS	5	
MINE	433686	5419523	0.01905	392.42	392.42	0 ANNUAL	EMRSS	5	
MINE	434658	5417857	0.01614	406	423	0 ANNUAL	EMRSS	5	
MINE	434658	5418690	0.01737	386.63	390	0 ANNUAL	EMRSS	5	
MINE	434658	5419523	0.01694	388.54	416	0 ANNUAL	EMRSS	5	
MINE	435630	5417857	0.01672	382	404	0 ANNUAL	EMRSS	5	
MINE	435630	5418690	0.01497	391.41	391.41	0 ANNUAL	EMRSS	5	
MINE	435630	5419523	0.0151	383.74	401	0 ANNUAL	EMRSS	5	
MINE	433963	5417023	0.01865	408.27	408.27	0 ANNUAL	EMRSS	5	
MINE	433963	5416051	0.01789	418.31	418.31	0 ANNUAL	EMRSS	5	
MINE	433963	5415079	0.02263	383.67	383.67	0 ANNUAL	EMRSS	5	
MINE	433963	5414107	0.02535	377	377	0 ANNUAL	EMRSS	5	
MINE	433963	5413134	0.02914	389.48	391	0 ANNUAL	EMRSS	5	
MINE	433963	5412162	0.03137	383.25	383.25	0 ANNUAL	EMRSS	5	
MINE	433963	5411190	0.03542	387	387	0 ANNUAL	EMRSS	5	
MINE	433963	5410218	0.03401	381	381	0 ANNUAL	EMRSS	5	
MINE	433963	5409245	0.03333	372	372	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr Num	Year	Net ID
MINE	433963	5408273	0.03189	385.84	385.84	0 ANNUAL	EMRSS	5
MINE	433963	5407301	0.02928	390.12	390.12	0 ANNUAL	EMRSS	5
MINE	433963	5406329	0.02954	385	385	0 ANNUAL	EMRSS	5
MINE	433963	5405357	0.0254	389	389	0 ANNUAL	EMRSS	5
MINE	433963	5404384	0.02255	377	377	0 ANNUAL	EMRSS	5
MINE	433963	5403412	0.01996	372	372	0 ANNUAL	EMRSS	5
MINE	433963	5402440	0.01741	380	380	0 ANNUAL	EMRSS	5
MINE	433963	5401468	0.017	366	366	0 ANNUAL	EMRSS	5
MINE	433963	5400495	0.01616	364.03	364.03	0 ANNUAL	EMRSS	5
MINE	433963	5399523	0.01502	357	357	0 ANNUAL	EMRSS	5
MINE	434797	5417023	0.01915	384.4	433	0 ANNUAL	EMRSS	5
MINE	434797	5416051	0.01956	379.08	379.08	0 ANNUAL	EMRSS	5
MINE	434797	5415079	0.02077	374.72	374.72	0 ANNUAL	EMRSS	5
MINE	434797	5414107	0.02225	387	387	0 ANNUAL	EMRSS	5
MINE	434797	5413134	0.02487	400.14	400.14	0 ANNUAL	EMRSS	5
MINE	434797	5412162	0.02694	391	391	0 ANNUAL	EMRSS	5
MINE	434797	5411190	0.03113	386	386	0 ANNUAL	EMRSS	5
MINE	434797	5410218	0.02974	381	381	0 ANNUAL	EMRSS	5
MINE	434797	5409245	0.02861	379.42	379.42	0 ANNUAL	EMRSS	5
MINE	434797	5408273	0.02781	386.99	386.99	0 ANNUAL	EMRSS	5
MINE	434797	5407301	0.02603	390	390	0 ANNUAL	EMRSS	5
MINE	434797	5406329	0.0248	401	401	0 ANNUAL	EMRSS	5
MINE	434797	5405357	0.02308	399	399	0 ANNUAL	EMRSS	5
MINE	434797	5404384	0.02119	378	378	0 ANNUAL	EMRSS	5
MINE	434797	5403412	0.01886	373	373	0 ANNUAL	EMRSS	5
MINE	434797	5402440	0.01679	369	369	0 ANNUAL	EMRSS	5
MINE	434797	5401468	0.01522	370.44	370.44	0 ANNUAL	EMRSS	5
MINE	434797	5400495	0.01485	361	361	0 ANNUAL	EMRSS	5
MINE	434797	5399523	0.01416	359	359	0 ANNUAL	EMRSS	5
MINE	435630	5417023	0.01692	385.87	385.87	0 ANNUAL	EMRSS	5
MINE	435630	5416051	0.01722	384.39	386	0 ANNUAL	EMRSS	5
MINE	435630	5415079	0.01698	403.66	403.66	0 ANNUAL	EMRSS	5
MINE	435630	5414107	0.01992	396	396	0 ANNUAL	EMRSS	5
MINE	435630	5413134	0.02336	385	385	0 ANNUAL	EMRSS	5
MINE	435630	5412162	0.02448	386.78	386.78	0 ANNUAL	EMRSS	5
MINE	435630	5411190	0.02762	385	385	0 ANNUAL	EMRSS	5
MINE	435630	5410218	0.02556	390	390	0 ANNUAL	EMRSS	5
MINE	435630	5409245	0.02512	382.49	382.49	0 ANNUAL	EMRSS	5
MINE	435630	5408273	0.02484	381	381	0 ANNUAL	EMRSS	5
MINE	435630	5407301	0.0238	386.5	386.5	0 ANNUAL	EMRSS	5
MINE	435630	5406329	0.02236	391.74	391.74	0 ANNUAL	EMRSS	5
MINE	435630	5405357	0.02224	389.76	389.76	0 ANNUAL	EMRSS	5
MINE	435630	5404384	0.02006	377.77	377.77	0 ANNUAL	EMRSS	5
MINE	435630	5403412	0.01775	375.14	375.14	0 ANNUAL	EMRSS	5
MINE	435630	5402440	0.01605	368	368	0 ANNUAL	EMRSS	5
MINE	435630	5401468	0.01445	364	364	0 ANNUAL	EMRSS	5
MINE	435630	5400495	0.01362	360	360	0 ANNUAL	EMRSS	5
MINE	435630	5399523	0.01306	358	358	0 ANNUAL	EMRSS	5
MINE	433130	5401190	0.01842	364.77	364.77	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (	Averagin	Source Gr	Num Year	Net ID
MINE	433130	5400357	0.0171	360	360	0 ANNUAL	EMRSS	5	
MINE	433130	5399523	0.01551	360	360	0 ANNUAL	EMRSS	5	
MINE	432158	5401190	0.01942	373	373	0 ANNUAL	EMRSS	5	
MINE	432158	5400357	0.01772	358	358	0 ANNUAL	EMRSS	5	
MINE	432158	5399523	0.01589	357.13	357.13	0 ANNUAL	EMRSS	5	
MINE	431186	5401190	0.02009	365.75	365.75	0 ANNUAL	EMRSS	5	
MINE	431186	5400357	0.0181	355.6	355.6	0 ANNUAL	EMRSS	5	
MINE	431186	5399523	0.01611	357.06	357.06	0 ANNUAL	EMRSS	5	
MINE	430213	5401190	0.02062	353	353	0 ANNUAL	EMRSS	5	
MINE	430213	5400357	0.01797	360	360	0 ANNUAL	EMRSS	5	
MINE	430213	5399523	0.01567	355	355	0 ANNUAL	EMRSS	5	
MINE	429241	5401190	0.02001	360	360	0 ANNUAL	EMRSS	5	
MINE	429241	5400357	0.01733	358.56	358.56	0 ANNUAL	EMRSS	5	
MINE	429241	5399523	0.0152	359	359	0 ANNUAL	EMRSS	5	
MINE	428269	5401190	0.01894	370	370	0 ANNUAL	EMRSS	5	
MINE	428269	5400357	0.01666	365	365	0 ANNUAL	EMRSS	5	
MINE	428269	5399523	0.01489	361	361	0 ANNUAL	EMRSS	5	
MINE	427297	5401190	0.01869	375.45	375.45	0 ANNUAL	EMRSS	5	
MINE	427297	5400357	0.01674	363.85	363.85	0 ANNUAL	EMRSS	5	
MINE	427297	5399523	0.01485	361	361	0 ANNUAL	EMRSS	5	
MINE	426324	5401190	0.01753	371.9	371.9	0 ANNUAL	EMRSS	5	
MINE	426324	5400357	0.0153	368	368	0 ANNUAL	EMRSS	5	
MINE	426324	5399523	0.01348	366.05	366.05	0 ANNUAL	EMRSS	5	
MINE	425352	5401190	0.017	376	376	0 ANNUAL	EMRSS	5	
MINE	425352	5400357	0.01517	371	371	0 ANNUAL	EMRSS	5	
MINE	425352	5399523	0.01353	370	370	0 ANNUAL	EMRSS	5	
MINE	424380	5401190	0.01847	376.85	376.85	0 ANNUAL	EMRSS	5	
MINE	424380	5400357	0.01618	375.72	375.72	0 ANNUAL	EMRSS	5	
MINE	424380	5399523	0.01446	370	370	0 ANNUAL	EMRSS	5	
MINE	423408	5401190	0.01935	379	379	0 ANNUAL	EMRSS	5	
MINE	423408	5400357	0.01717	378	378	0 ANNUAL	EMRSS	5	
MINE	423408	5399523	0.01545	370	370	0 ANNUAL	EMRSS	5	
MINE	422436	5401190	0.01835	370	370	0 ANNUAL	EMRSS	5	
MINE	422436	5400357	0.01634	370.69	370.69	0 ANNUAL	EMRSS	5	
MINE	422436	5399523	0.0148	366	366	0 ANNUAL	EMRSS	5	
MINE	421463	5401190	0.01751	369.71	369.71	0 ANNUAL	EMRSS	5	
MINE	421463	5400357	0.01565	367.08	367.08	0 ANNUAL	EMRSS	5	
MINE	421463	5399523	0.01417	361.8	361.8	0 ANNUAL	EMRSS	5	
MINE	420491	5401190	0.01623	363.64	363.64	0 ANNUAL	EMRSS	5	
MINE	420491	5400357	0.0149	360	360	0 ANNUAL	EMRSS	5	
MINE	420491	5399523	0.01362	357	357	0 ANNUAL	EMRSS	5	
MINE	419519	5401190	0.01629	358	358	0 ANNUAL	EMRSS	5	
MINE	419519	5400357	0.014	364.89	364.89	0 ANNUAL	EMRSS	5	
MINE	419519	5399523	0.0127	357	357	0 ANNUAL	EMRSS	5	
MINE	418547	5401190	0.01622	363.19	363.19	0 ANNUAL	EMRSS	5	
MINE	418547	5400357	0.01413	365	365	0 ANNUAL	EMRSS	5	
MINE	418547	5399523	0.01266	357	357	0 ANNUAL	EMRSS	5	
MINE	417574	5401190	0.01557	351	351	0 ANNUAL	EMRSS	5	
MINE	417574	5400357	0.01429	357.18	357.18	0 ANNUAL	EMRSS	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
MINE	417574	5399523	0.01273	354	354	0 ANNUAL	EMRSS	5
MINE	416602	5401190	0.01378	348	348	0 ANNUAL	EMRSS	5
MINE	416602	5400357	0.01335	358.92	358.92	0 ANNUAL	EMRSS	5
MINE	416602	5399523	0.0124	350	350	0 ANNUAL	EMRSS	5
MINE	415630	5401190	0.01242	347	347	0 ANNUAL	EMRSS	5
MINE	415630	5400357	0.01173	349	349	0 ANNUAL	EMRSS	5
MINE	415630	5399523	0.01135	349	349	0 ANNUAL	EMRSS	5
MINE	417297	5402023	0.016	357.46	357.46	0 ANNUAL	EMRSS	5
MINE	417297	5402995	0.01717	346	346	0 ANNUAL	EMRSS	5
MINE	417297	5403968	0.02011	349	349	0 ANNUAL	EMRSS	5
MINE	417297	5404940	0.02415	355	355	0 ANNUAL	EMRSS	5
MINE	417297	5405912	0.02873	347	347	0 ANNUAL	EMRSS	5
MINE	417297	5406884	0.03053	343	343	0 ANNUAL	EMRSS	5
MINE	417297	5407857	0.02955	340	340	0 ANNUAL	EMRSS	5
MINE	417297	5408829	0.03011	345	345	0 ANNUAL	EMRSS	5
MINE	417297	5409801	0.02948	346	346	0 ANNUAL	EMRSS	5
MINE	417297	5410773	0.02731	349	349	0 ANNUAL	EMRSS	5
MINE	417297	5411745	0.02411	370	370	0 ANNUAL	EMRSS	5
MINE	417297	5412718	0.024	363.07	363.07	0 ANNUAL	EMRSS	5
MINE	417297	5413690	0.0241	366	366	0 ANNUAL	EMRSS	5
MINE	417297	5414662	0.0262	374	374	0 ANNUAL	EMRSS	5
MINE	417297	5415634	0.0262	370	370	0 ANNUAL	EMRSS	5
MINE	417297	5416607	0.02748	360.98	360.98	0 ANNUAL	EMRSS	5
MINE	417297	5417579	0.02545	357	357	0 ANNUAL	EMRSS	5
MINE	417297	5418551	0.02353	356	356	0 ANNUAL	EMRSS	5
MINE	417297	5419523	0.02241	362.05	362.05	0 ANNUAL	EMRSS	5
MINE	416463	5402023	0.01436	346	346	0 ANNUAL	EMRSS	5
MINE	416463	5402995	0.01643	346	346	0 ANNUAL	EMRSS	5
MINE	416463	5403968	0.0192	348.5	348.5	0 ANNUAL	EMRSS	5
MINE	416463	5404940	0.0231	357.45	357.45	0 ANNUAL	EMRSS	5
MINE	416463	5405912	0.02574	346	346	0 ANNUAL	EMRSS	5
MINE	416463	5406884	0.02584	343.24	343.24	0 ANNUAL	EMRSS	5
MINE	416463	5407857	0.0248	340	340	0 ANNUAL	EMRSS	5
MINE	416463	5408829	0.02596	346.93	346.93	0 ANNUAL	EMRSS	5
MINE	416463	5409801	0.02511	353.2	353.2	0 ANNUAL	EMRSS	5
MINE	416463	5410773	0.02345	357	357	0 ANNUAL	EMRSS	5
MINE	416463	5411745	0.02131	356	356	0 ANNUAL	EMRSS	5
MINE	416463	5412718	0.02003	369	369	0 ANNUAL	EMRSS	5
MINE	416463	5413690	0.02	369.57	369.57	0 ANNUAL	EMRSS	5
MINE	416463	5414662	0.02117	383.43	383.43	0 ANNUAL	EMRSS	5
MINE	416463	5415634	0.02235	364.53	364.53	0 ANNUAL	EMRSS	5
MINE	416463	5416607	0.02319	361	361	0 ANNUAL	EMRSS	5
MINE	416463	5417579	0.023	360	360	0 ANNUAL	EMRSS	5
MINE	416463	5418551	0.02112	359.12	359.12	0 ANNUAL	EMRSS	5
MINE	416463	5419523	0.01975	353	353	0 ANNUAL	EMRSS	5
MINE	415630	5402023	0.01374	343.62	343.62	0 ANNUAL	EMRSS	5
MINE	415630	5402995	0.01581	346	346	0 ANNUAL	EMRSS	5
MINE	415630	5403968	0.01846	349	349	0 ANNUAL	EMRSS	5
MINE	415630	5404940	0.02165	360	360	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr	Num Year	Net ID
MINE	415630	5405912	0.02256	347	347	0 ANNUAL	EMRSS	5
MINE	415630	5408829	0.02254	348	348	0 ANNUAL	EMRSS	5
MINE	415630	5409801	0.02149	354	354	0 ANNUAL	EMRSS	5
MINE	415630	5410773	0.02005	363	363	0 ANNUAL	EMRSS	5
MINE	415630	5411745	0.01797	369	369	0 ANNUAL	EMRSS	5
MINE	415630	5412718	0.01714	371	371	0 ANNUAL	EMRSS	5
MINE	415630	5413690	0.01696	380	380	0 ANNUAL	EMRSS	5
MINE	415630	5414662	0.01772	374	374	0 ANNUAL	EMRSS	5
MINE	415630	5415634	0.01937	367	367	0 ANNUAL	EMRSS	5
MINE	415630	5416607	0.01959	360	360	0 ANNUAL	EMRSS	5
MINE	415630	5417579	0.02022	360	360	0 ANNUAL	EMRSS	5
MINE	415630	5418551	0.01934	360.67	360.67	0 ANNUAL	EMRSS	5
MINE	415630	5419523	0.01783	357	357	0 ANNUAL	EMRSS	5
	415463	5406675	0.02151	342	342	0 ANNUAL	EMRSS	5
	415451	5406279	0.02175	345	345	0 ANNUAL	EMRSS	5
	414628	5406278	0.01883	341	341	0 ANNUAL	EMRSS	5
	414648	5407097	0.0183	340	340	0 ANNUAL	EMRSS	5
	413820	5407101	0.01614	344.14	344.14	0 ANNUAL	EMRSS	5
	413844	5407916	0.01664	343	343	0 ANNUAL	EMRSS	5
	414669	5407897	0.01852	343	343	0 ANNUAL	EMRSS	5
	414668	5407921	0.01854	343	343	0 ANNUAL	EMRSS	5
	415890	5407908	0.02232	341	341	0 ANNUAL	EMRSS	5
	415869	5407086	0.02281	341	341	0 ANNUAL	EMRSS	5
	416287	5407081	0.02477	342	342	0 ANNUAL	EMRSS	5
	416272	5406666	0.02504	344	344	0 ANNUAL	EMRSS	5
	421918	5404856	0.03476	353.05	353.05	0 ANNUAL	EMRSS	5
	421094	5404865	0.03454	350	350	0 ANNUAL	EMRSS	5
	421106	5405379	0.03917	350	350	0 ANNUAL	EMRSS	5
	420730	5405382	0.03782	355	355	0 ANNUAL	EMRSS	5
	420730	5405796	0.04011	353	353	0 ANNUAL	EMRSS	5
	419463	5405818	0.03356	353	353	0 ANNUAL	EMRSS	5
	419463	5406226	0.03687	350	350	0 ANNUAL	EMRSS	5
	420291	5406220	0.03967	350	350	0 ANNUAL	EMRSS	5
	420304	5407038	0.04931	347.43	347.43	0 ANNUAL	EMRSS	5
	419611	5407048	0.04623	347	347	0 ANNUAL	EMRSS	5
	419649	5408646	0.05404	347	347	0 ANNUAL	EMRSS	5
	420388	5408637	0.06926	346.92	346.92	0 ANNUAL	EMRSS	5
	420340	5407829	0.06201	344	344	0 ANNUAL	EMRSS	5
	421196	5407811	0.07084	350.16	350.16	0 ANNUAL	EMRSS	5
	421156	5407025	0.05477	352	352	0 ANNUAL	EMRSS	5
	422795	5406994	0.07122	359	359	0 ANNUAL	EMRSS	5
	422806	5407802	0.10017	359	359	0 ANNUAL	EMRSS	5
	423617	5407779	0.10743	358.09	358.09	0 ANNUAL	EMRSS	5
	423599	5406990	0.0757	365.72	365.72	0 ANNUAL	EMRSS	5
	422786	5406989	0.07106	359	359	0 ANNUAL	EMRSS	5
	422771	5406177	0.05335	358	358	0 ANNUAL	EMRSS	5
	422357	5406187	0.05237	359	359	0 ANNUAL	EMRSS	5
	422363	5406591	0.06023	357	357	0 ANNUAL	EMRSS	5
	421964	5406591	0.05881	356	356	0 ANNUAL	EMRSS	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole ( Averagin	Source Gr Num	Year	Net ID
420767	5413450	0.06807	375	375	0 ANNUAL	EMRSS	5	
420780	5414261	0.06662	377	377	0 ANNUAL	EMRSS	5	
421449	5414252	0.07787	379.78	379.78	0 ANNUAL	EMRSS	5	
422377	5414238	0.11304	379	379	0 ANNUAL	EMRSS	5	
422370	5415036	0.0918	387.39	387.39	0 ANNUAL	EMRSS	5	
424000	5415015	0.10946	397.45	397.45	0 ANNUAL	EMRSS	5	
423997	5414610	0.12052	400.01	400.01	0 ANNUAL	EMRSS	5	
424792	5414601	0.15286	388	388	0 ANNUAL	EMRSS	5	
424798	5414204	0.17738	389	389	0 ANNUAL	EMRSS	5	
428817	5414150	0.05785	404	404	0 ANNUAL	EMRSS	5	
428848	5415656	0.06768	376	421	0 ANNUAL	EMRSS	5	
429649	5415650	0.04743	394.89	394.89	0 ANNUAL	EMRSS	5	
429650	5415747	0.04962	388.58	388.58	0 ANNUAL	EMRSS	5	
431259	5415735	0.03522	378.13	378.13	0 ANNUAL	EMRSS	5	
431239	5414122	0.03979	376.02	376.02	0 ANNUAL	EMRSS	5	
429628	5414138	0.05567	385.78	385.78	0 ANNUAL	EMRSS	5	
429614	5413326	0.05783	389.97	389.97	0 ANNUAL	EMRSS	5	
428809	5413327	0.07378	390	390	0 ANNUAL	EMRSS	5	
428808	5412548	0.07675	393.59	393.59	0 ANNUAL	EMRSS	5	
430407	5412512	0.05675	389	389	0 ANNUAL	EMRSS	5	
430422	5413312	0.05017	379.63	379.63	0 ANNUAL	EMRSS	5	
431230	5413308	0.04335	376	376	0 ANNUAL	EMRSS	5	
431224	5412901	0.04682	379	379	0 ANNUAL	EMRSS	5	
432035	5412899	0.0418	375.4	375.4	0 ANNUAL	EMRSS	5	
432035	5412495	0.04474	374	374	0 ANNUAL	EMRSS	5	
431223	5412502	0.05125	381	381	0 ANNUAL	EMRSS	5	
431202	5410899	0.0634	382	382	0 ANNUAL	EMRSS	5	
432010	5410893	0.05382	373.96	373.96	0 ANNUAL	EMRSS	5	
431997	5410087	0.04948	378.53	378.53	0 ANNUAL	EMRSS	5	
430381	5410114	0.07297	381	381	0 ANNUAL	EMRSS	5	
430361	5408478	0.06781	377.79	377.79	0 ANNUAL	EMRSS	5	
431008	5408470	0.05874	368.82	368.82	0 ANNUAL	EMRSS	5	
431004	5407564	0.05513	359	359	0 ANNUAL	EMRSS	5	
430203	5407573	0.06257	361	361	0 ANNUAL	EMRSS	5	
430222	5408485	0.07042	378.03	378.03	0 ANNUAL	EMRSS	5	
429414	5408504	0.08577	382.51	382.51	0 ANNUAL	EMRSS	5	
429425	5408830	0.08884	383	383	0 ANNUAL	EMRSS	5	
429102	5408830	0.0948	389	389	0 ANNUAL	EMRSS	5	
429093	5408498	0.08962	387	387	0 ANNUAL	EMRSS	5	
429431	5408490	0.0854	382	382	0 ANNUAL	EMRSS	5	
429422	5407591	0.07135	359	359	0 ANNUAL	EMRSS	5	
428564	5407591	0.08122	368.54	368.54	0 ANNUAL	EMRSS	5	
427718	5407601	0.10298	366.38	366.38	0 ANNUAL	EMRSS	5	
427720	5407741	0.10666	366.75	366.75	0 ANNUAL	EMRSS	5	
427700	5407741	0.10753	366	366	0 ANNUAL	EMRSS	5	
426917	5407750	0.12461	351.89	351.89	0 ANNUAL	EMRSS	5	
426068	5407740	0.1102	379.31	379.31	0 ANNUAL	EMRSS	5	
425276	5407752	0.11253	361	361	0 ANNUAL	EMRSS	5	
425245	5406949	0.07285	370	370	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole (Averagin	Source Gr	Num Year	Net ID
424422	5406973	0.08233	365	365	0 ANNUAL	EMRSS	5	
424461	5407786	0.11669	368.75	378	0 ANNUAL	EMRSS	5	
424499	5408579	0.18221	348	348	0 ANNUAL	EMRSS	5	
420692	5408632	0.07609	343.53	343.53	0 ANNUAL	EMRSS	5	
420705	5409438	0.07771	353	353	0 ANNUAL	EMRSS	5	
419681	5409454	0.05539	351.75	351.75	0 ANNUAL	EMRSS	5	
419677	5411057	0.04827	357.98	357.98	0 ANNUAL	EMRSS	5	
418061	5411078	0.0311	349	349	0 ANNUAL	EMRSS	5	
418099	5413503	0.02921	366	366	0 ANNUAL	EMRSS	5	
418914	5413492	0.03716	369.53	369.53	0 ANNUAL	EMRSS	5	
418914	5413081	0.03482	372.14	372.14	0 ANNUAL	EMRSS	5	
419710	5413071	0.04437	380	380	0 ANNUAL	EMRSS	5	
419711	5413468	0.04682	378	378	0 ANNUAL	EMRSS	5	

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON		
429472	5408332	0.62753	380	380	0	MONTH	ALL	1ST		1/31/2000	24 hr	1.12794
429472	5408132	0.54937	376	376	0	MONTH	ALL	1ST		1/31/2000	24 hr	
429472	5407932	0.52344	370.75	370.75	0	MONTH	ALL	1ST		12/31/1997	24 hr	
429672	5408332	0.56036	377	377	0	MONTH	ALL	1ST		1/31/2000	24 hr	
429672	5408132	0.51919	373	373	0	MONTH	ALL	1ST		1/31/2000	24 hr	
429672	5407932	0.45468	367.86	367.86	0	MONTH	ALL	1ST		12/31/1997	24 hr	
429872	5408332	0.49243	373.02	373.02	0	MONTH	ALL	1ST		1/31/2000	24 hr	
429872	5408132	0.4745	368.5	368.5	0	MONTH	ALL	1ST		1/31/2000	24 hr	
429872	5407932	0.42681	361.71	361.71	0	MONTH	ALL	1ST		1/31/2000	24 hr	
430072	5408332	0.43443	370.65	370.65	0	MONTH	ALL	1ST		1/31/2000	24 hr	
430072	5408132	0.4254	366.53	366.53	0	MONTH	ALL	1ST		1/31/2000	24 hr	
430072	5407932	0.4011	360.08	360.08	0	MONTH	ALL	1ST		1/31/2000	24 hr	
429272	5408732	0.79191	387	387	0	MONTH	ALL	1ST		1/31/1996	24 hr	
429272	5408532	0.77641	385	385	0	MONTH	ALL	1ST		1/31/2000	24 hr	
426272	5414932	0.19019	387	387	0	MONTH	ALL	1ST		2/28/1998	24 hr	
433272	5414932	0.08128	394	411	0	MONTH	ALL	1ST		1/31/1999	24 hr	
433272	5411932	0.16392	385	385	0	MONTH	ALL	1ST		12/31/1998	24 hr	
433272	5408432	0.1577	367	367	0	MONTH	ALL	1ST		1/31/2000	24 hr	
433272	5404932	0.10038	388	388	0	MONTH	ALL	1ST		4/30/1996	24 hr	
430272	5404932	0.17823	368	368	0	MONTH	ALL	1ST		12/31/1997	24 hr	
426772	5404932	0.28223	369	369	0	MONTH	ALL	1ST		12/31/2000	24 hr	
423272	5404932	0.12715	358	358	0	MONTH	ALL	1ST		1/31/1999	24 hr	
423272	5407932	0.26507	355.19	355.19	0	MONTH	ALL	1ST		1/31/1998	24 hr	
423272	5415932	0.10338	399	399	0	MONTH	ALL	1ST		12/31/1996	24 hr	
423272	5416932	0.0803	403.27	403.27	0	MONTH	ALL	1ST		12/31/1999	24 hr	
423272	5417932	0.07023	379	379	0	MONTH	ALL	1ST		12/31/1999	24 hr	
423272	5418932	0.07699	379	379	0	MONTH	ALL	1ST		2/28/1998	24 hr	
423272	5419932	0.07377	372	372	0	MONTH	ALL	1ST		2/28/1998	24 hr	
424272	5415932	0.10971	387.8	387.8	0	MONTH	ALL	1ST		12/31/1999	24 hr	
424272	5416932	0.11904	373	373	0	MONTH	ALL	1ST		2/28/1998	24 hr	
424272	5417932	0.10598	380	380	0	MONTH	ALL	1ST		2/28/1998	24 hr	
424272	5418932	0.08668	373.82	373.82	0	MONTH	ALL	1ST		2/28/1998	24 hr	
424272	5419932	0.071	379	379	0	MONTH	ALL	1ST		2/28/1998	24 hr	
425272	5415932	0.16389	379.39	379.39	0	MONTH	ALL	1ST		2/28/1998	24 hr	
425272	5416932	0.124	375	375	0	MONTH	ALL	1ST		2/28/1998	24 hr	
425272	5417932	0.09697	373	373	0	MONTH	ALL	1ST		2/28/1998	24 hr	
425272	5418932	0.07819	380	380	0	MONTH	ALL	1ST		2/28/1998	24 hr	
425272	5419932	0.06469	375	375	0	MONTH	ALL	1ST		2/28/1998	24 hr	
426272	5415932	0.14777	379	379	0	MONTH	ALL	1ST		2/28/1998	24 hr	
426272	5416932	0.11764	380	380	0	MONTH	ALL	1ST		2/28/1998	24 hr	
426272	5417932	0.09822	376.3	376.3	0	MONTH	ALL	1ST		2/28/1998	24 hr	
426272	5418932	0.08443	373	373	0	MONTH	ALL	1ST		2/28/1998	24 hr	
426272	5419932	0.07394	369.47	369.47	0	MONTH	ALL	1ST		2/28/1998	24 hr	
427272	5415932	0.19229	385	385	0	MONTH	ALL	1ST		2/28/1998	24 hr	
427272	5416932	0.15285	381.6	381.6	0	MONTH	ALL	1ST		2/28/1998	24 hr	
427272	5417932	0.12651	379	379	0	MONTH	ALL	1ST		2/28/1998	24 hr	
427272	5418932	0.10505	374.11	374.11	0	MONTH	ALL	1ST		2/28/1998	24 hr	
427272	5419932	0.08657	382.03	382.03	0	MONTH	ALL	1ST		2/28/1998	24 hr	
428272	5415932	0.20551	376	376	0	MONTH	ALL	1ST		2/28/1998	24 hr	
428272	5416932	0.17029	378.06	378.06	0	MONTH	ALL	1ST		2/28/1998	24 hr	
428272	5417932	0.14237	380	380	0	MONTH	ALL	1ST		2/28/1998	24 hr	
428272	5418932	0.12027	375	375	0	MONTH	ALL	1ST		2/28/1998	24 hr	
428272	5419932	0.10217	362.92	362.92	0	MONTH	ALL	1ST		2/28/1998	24 hr	
429272	5415932	0.13959	375.97	375.97	0	MONTH	ALL	1ST		2/28/1998	24 hr	
429272	5416932	0.11248	373	373	0	MONTH	ALL	1ST		2/28/1998	24 hr	
429272	5417932	0.09608	378.26	378.26	0	MONTH	ALL	1ST		2/28/1998	24 hr	
429272	5418932	0.08616	377.04	377.04	0	MONTH	ALL	1ST		2/28/1998	24 hr	
429272	5419932	0.07892	380	380	0	MONTH	ALL	1ST		2/28/1998	24 hr	
430272	5415932	0.17501	378	400	0	MONTH	ALL	1ST		2/29/2000	24 hr	
430272	5416932	0.13063	379.06	389	0	MONTH	ALL	1ST		2/29/2000	24 hr	
430272	5417932	0.09347	370	370	0	MONTH	ALL	1ST		2/29/2000	24 hr	
430272	5418932	0.07545	371	371	0	MONTH	ALL	1ST		2/28/1998	24 hr	

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
430272	5419932	0.06364	369	369	0	MONTH	ALL	1ST		2/28/1998 24 hr
431272	5415932	0.16641	377	377	0	MONTH	ALL	1ST		2/29/2000 24 hr
431272	5416932	0.13106	401.29	401.29	0	MONTH	ALL	1ST		2/29/2000 24 hr
431272	5417932	0.11177	386.43	392	0	MONTH	ALL	1ST		2/29/2000 24 hr
431272	5418932	0.09133	367	367	0	MONTH	ALL	1ST		2/29/2000 24 hr
431272	5419932	0.07241	363	363	0	MONTH	ALL	1ST		2/29/2000 24 hr
432272	5415932	0.14241	383.19	383.19	0	MONTH	ALL	1ST		2/29/2000 24 hr
432272	5416932	0.12501	381.02	400	0	MONTH	ALL	1ST		2/29/2000 24 hr
432272	5417932	0.10755	379.99	379.99	0	MONTH	ALL	1ST		2/29/2000 24 hr
432272	5418932	0.09074	383.35	386	0	MONTH	ALL	1ST		2/29/2000 24 hr
432272	5419932	0.07815	375.1	412	0	MONTH	ALL	1ST		2/29/2000 24 hr
433272	5415932	0.08508	418.42	418.42	0	MONTH	ALL	1ST		1/31/1999 24 hr
433272	5416932	0.10159	378.66	433	0	MONTH	ALL	1ST		2/29/2000 24 hr
433272	5417932	0.09398	390.47	390.47	0	MONTH	ALL	1ST		2/29/2000 24 hr
433272	5418932	0.08662	378	378	0	MONTH	ALL	1ST		2/29/2000 24 hr
433272	5419932	0.07333	402	402	0	MONTH	ALL	1ST		2/29/2000 24 hr
434272	5415932	0.06428	389.22	421	0	MONTH	ALL	1ST		1/31/1999 24 hr
434272	5416932	0.07002	422	422	0	MONTH	ALL	1ST		1/31/1999 24 hr
434272	5417932	0.08033	382.42	423	0	MONTH	ALL	1ST		2/29/2000 24 hr
434272	5418932	0.07551	399.16	399.16	0	MONTH	ALL	1ST		2/29/2000 24 hr
434272	5419932	0.07113	376	412	0	MONTH	ALL	1ST		2/29/2000 24 hr
435272	5415932	0.05431	388.82	412	0	MONTH	ALL	1ST		1/31/1999 24 hr
435272	5416932	0.054	382	382	0	MONTH	ALL	1ST		1/31/1999 24 hr
435272	5417932	0.06358	407.47	407.47	0	MONTH	ALL	1ST		1/31/1999 24 hr
435272	5418932	0.06368	393.3	393.3	0	MONTH	ALL	1ST		2/29/2000 24 hr
435272	5419932	0.06555	373.48	413	0	MONTH	ALL	1ST		2/29/2000 24 hr
436272	5415932	0.05201	389.81	401	0	MONTH	ALL	1ST		12/31/1999 24 hr
436272	5416932	0.04516	391.84	391.84	0	MONTH	ALL	1ST		1/31/1999 24 hr
436272	5417932	0.04585	400.01	400.01	0	MONTH	ALL	1ST		1/31/1996 24 hr
436272	5418932	0.05164	387.9	387.9	0	MONTH	ALL	1ST		1/31/1999 24 hr
436272	5419932	0.04665	377.51	388	0	MONTH	ALL	1ST		2/29/2000 24 hr
437272	5415932	0.04573	354	354	0	MONTH	ALL	1ST		12/31/1999 24 hr
437272	5416932	0.04087	369.34	369.34	0	MONTH	ALL	1ST		12/31/1999 24 hr
437272	5417932	0.0358	359.22	359.22	0	MONTH	ALL	1ST		1/31/1999 24 hr
437272	5418932	0.03874	376.38	376.38	0	MONTH	ALL	1ST		1/31/1999 24 hr
437272	5419932	0.04276	383.1	390	0	MONTH	ALL	1ST		1/31/1999 24 hr
438272	5415932	0.04352	354	354	0	MONTH	ALL	1ST		12/31/1998 24 hr
438272	5416932	0.0392	378.99	378.99	0	MONTH	ALL	1ST		12/31/1999 24 hr
438272	5417932	0.03311	377.48	381	0	MONTH	ALL	1ST		12/31/1999 24 hr
438272	5418932	0.03064	380.16	389	0	MONTH	ALL	1ST		1/31/1999 24 hr
438272	5419932	0.03313	372.4	394	0	MONTH	ALL	1ST		1/31/1999 24 hr
434272	5414932	0.06986	376.5	376.5	0	MONTH	ALL	1ST		12/31/1999 24 hr
434272	5413932	0.08181	379.78	379.78	0	MONTH	ALL	1ST		12/31/1999 24 hr
434272	5412932	0.10722	380	380	0	MONTH	ALL	1ST		12/31/1998 24 hr
434272	5411932	0.13828	389	389	0	MONTH	ALL	1ST		12/31/1998 24 hr
434272	5410932	0.14553	384.8	384.8	0	MONTH	ALL	1ST		12/31/1998 24 hr
434272	5409932	0.14172	380	380	0	MONTH	ALL	1ST		12/31/1997 24 hr
434272	5408932	0.12595	374	374	0	MONTH	ALL	1ST		12/31/1998 24 hr
434272	5407932	0.14078	378	378	0	MONTH	ALL	1ST		1/31/1996 24 hr
434272	5406932	0.10046	390	390	0	MONTH	ALL	1ST		1/31/1996 24 hr
434272	5405932	0.09306	389.07	389.07	0	MONTH	ALL	1ST		1/31/2000 24 hr
434272	5404932	0.08567	396	396	0	MONTH	ALL	1ST		1/31/1996 24 hr
434272	5403932	0.07104	372	372	0	MONTH	ALL	1ST		4/30/1996 24 hr
434272	5402932	0.07335	377.6	377.6	0	MONTH	ALL	1ST		12/31/1997 24 hr
434272	5401932	0.06465	367.57	367.57	0	MONTH	ALL	1ST		12/31/1997 24 hr
434272	5400932	0.0706	370.03	370.03	0	MONTH	ALL	1ST		12/31/1997 24 hr
434272	5399932	0.06546	361.08	361.08	0	MONTH	ALL	1ST		12/31/1997 24 hr
435272	5414932	0.06598	377.01	377.01	0	MONTH	ALL	1ST		12/31/1999 24 hr
435272	5413932	0.07946	391	391	0	MONTH	ALL	1ST		12/31/1998 24 hr
435272	5412932	0.09259	388	388	0	MONTH	ALL	1ST		12/31/1998 24 hr
435272	5411932	0.10964	388.36	388.36	0	MONTH	ALL	1ST		12/31/1998 24 hr
435272	5410932	0.11026	385	385	0	MONTH	ALL	1ST		12/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
435272	5409932	0.12439	383	383	0 MONTH	ALL	1ST			12/31/1997 24 hr
435272	5408932	0.09735	380	380	0 MONTH	ALL	1ST			12/31/1998 24 hr
435272	5407932	0.0983	386.15	386.15	0 MONTH	ALL	1ST			1/31/2000 24 hr
435272	5406932	0.1088	391.39	391.39	0 MONTH	ALL	1ST			1/31/1996 24 hr
435272	5405932	0.08149	395	395	0 MONTH	ALL	1ST			2/28/1997 24 hr
435272	5404932	0.07527	389.45	389.45	0 MONTH	ALL	1ST			1/31/2000 24 hr
435272	5403932	0.0607	378.59	378.59	0 MONTH	ALL	1ST			10/31/1999 24 hr
435272	5402932	0.05557	371	371	0 MONTH	ALL	1ST			4/30/1996 24 hr
435272	5401932	0.05886	367	367	0 MONTH	ALL	1ST			12/31/1997 24 hr
435272	5400932	0.05094	361	361	0 MONTH	ALL	1ST			12/31/1997 24 hr
435272	5399932	0.05491	361	361	0 MONTH	ALL	1ST			12/31/1997 24 hr
436272	5414932	0.06167	395.5	395.5	0 MONTH	ALL	1ST			12/31/1998 24 hr
436272	5413932	0.08129	403	403	0 MONTH	ALL	1ST			2/29/2000 24 hr
436272	5412932	0.09083	391	391	0 MONTH	ALL	1ST			12/31/1998 24 hr
436272	5411932	0.09518	378	378	0 MONTH	ALL	1ST			12/31/1998 24 hr
436272	5410932	0.08627	383	383	0 MONTH	ALL	1ST			12/31/1998 24 hr
436272	5409932	0.10751	388.85	401	0 MONTH	ALL	1ST			12/31/1997 24 hr
436272	5408932	0.0785	393.51	393.51	0 MONTH	ALL	1ST			12/31/1999 24 hr
436272	5407932	0.08085	381.28	381.28	0 MONTH	ALL	1ST			12/31/1998 24 hr
436272	5406932	0.1029	383	383	0 MONTH	ALL	1ST			1/31/1996 24 hr
436272	5405932	0.06451	387.2	387.2	0 MONTH	ALL	1ST			1/31/1998 24 hr
436272	5404932	0.06325	387.75	387.75	0 MONTH	ALL	1ST			8/31/1998 24 hr
436272	5403932	0.05695	374.42	374.42	0 MONTH	ALL	1ST			1/31/2000 24 hr
436272	5402932	0.04989	376	376	0 MONTH	ALL	1ST			4/30/1996 24 hr
436272	5401932	0.04463	368	368	0 MONTH	ALL	1ST			4/30/1996 24 hr
436272	5400932	0.04864	370	370	0 MONTH	ALL	1ST			12/31/1997 24 hr
436272	5399932	0.0415	357.67	357.67	0 MONTH	ALL	1ST			12/31/1997 24 hr
437272	5414932	0.05456	361.94	361.94	0 MONTH	ALL	1ST			12/31/1998 24 hr
437272	5413932	0.06235	360	403	0 MONTH	ALL	1ST			12/31/1998 24 hr
437272	5412932	0.07545	369.93	402	0 MONTH	ALL	1ST			12/31/1998 24 hr
437272	5411932	0.08052	369.31	369.31	0 MONTH	ALL	1ST			12/31/1998 24 hr
437272	5410932	0.07212	370.89	370.89	0 MONTH	ALL	1ST			12/31/1998 24 hr
437272	5409932	0.08363	370.33	370.33	0 MONTH	ALL	1ST			12/31/1997 24 hr
437272	5408932	0.06467	374.64	374.64	0 MONTH	ALL	1ST			12/31/2000 24 hr
437272	5407932	0.07109	377	377	0 MONTH	ALL	1ST			12/31/1998 24 hr
437272	5406932	0.08945	381	381	0 MONTH	ALL	1ST			1/31/1996 24 hr
437272	5405932	0.06078	386	386	0 MONTH	ALL	1ST			1/31/1996 24 hr
437272	5404932	0.05613	385.46	385.46	0 MONTH	ALL	1ST			2/28/1997 24 hr
437272	5403932	0.05061	378	378	0 MONTH	ALL	1ST			1/31/2000 24 hr
437272	5402932	0.04585	377	377	0 MONTH	ALL	1ST			1/31/1996 24 hr
437272	5401932	0.0422	369	369	0 MONTH	ALL	1ST			4/30/1996 24 hr
437272	5400932	0.03741	367.59	367.59	0 MONTH	ALL	1ST			12/31/1997 24 hr
437272	5399932	0.04093	363	363	0 MONTH	ALL	1ST			12/31/1997 24 hr
438272	5414932	0.05142	365.14	390	0 MONTH	ALL	1ST			2/29/2000 24 hr
438272	5413932	0.05868	362.96	390	0 MONTH	ALL	1ST			12/31/1998 24 hr
438272	5412932	0.06562	368	368	0 MONTH	ALL	1ST			12/31/1998 24 hr
438272	5411932	0.07124	390	390	0 MONTH	ALL	1ST			12/31/1998 24 hr
438272	5410932	0.06069	380	380	0 MONTH	ALL	1ST			12/31/1998 24 hr
438272	5409932	0.07724	384.32	395	0 MONTH	ALL	1ST			12/31/1997 24 hr
438272	5408932	0.05763	377	377	0 MONTH	ALL	1ST			12/31/2000 24 hr
438272	5407932	0.06264	377.75	377.75	0 MONTH	ALL	1ST			12/31/1998 24 hr
438272	5406932	0.07243	379	379	0 MONTH	ALL	1ST			1/31/1996 24 hr
438272	5405932	0.06192	380.9	380.9	0 MONTH	ALL	1ST			1/31/1996 24 hr
438272	5404932	0.04531	377.65	377.65	0 MONTH	ALL	1ST			1/31/1998 24 hr
438272	5403932	0.04239	373	373	0 MONTH	ALL	1ST			2/28/1997 24 hr
438272	5402932	0.04202	371	371	0 MONTH	ALL	1ST			1/31/2000 24 hr
438272	5401932	0.03812	368	368	0 MONTH	ALL	1ST			10/31/1999 24 hr
438272	5400932	0.03598	367	367	0 MONTH	ALL	1ST			4/30/1996 24 hr
438272	5399932	0.03261	365.37	365.37	0 MONTH	ALL	1ST			12/31/1997 24 hr
433272	5403932	0.09448	380	380	0 MONTH	ALL	1ST			12/31/1997 24 hr
433272	5402932	0.08522	364.52	364.52	0 MONTH	ALL	1ST			12/31/1997 24 hr
433272	5401932	0.09161	372.72	372.72	0 MONTH	ALL	1ST			12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
433272	5400932	0.07376	362	362	0 MONTH	ALL	1ST			12/31/1997 24 hr
433272	5399932	0.04984	361	361	0 MONTH	ALL	1ST			12/31/2000 24 hr
432272	5403932	0.1193	381	381	0 MONTH	ALL	1ST			12/31/1997 24 hr
432272	5402932	0.11775	363.86	363.86	0 MONTH	ALL	1ST			12/31/1997 24 hr
432272	5401932	0.08079	380	380	0 MONTH	ALL	1ST			12/31/1997 24 hr
432272	5400932	0.06255	368.3	368.3	0 MONTH	ALL	1ST			12/31/2000 24 hr
432272	5399932	0.04798	366.49	366.49	0 MONTH	ALL	1ST			12/31/1997 24 hr
431272	5403932	0.14761	368	368	0 MONTH	ALL	1ST			12/31/1997 24 hr
431272	5402932	0.09095	360	360	0 MONTH	ALL	1ST			12/31/2000 24 hr
431272	5401932	0.07083	357.8	357.8	0 MONTH	ALL	1ST			12/31/1997 24 hr
431272	5400932	0.06572	366	366	0 MONTH	ALL	1ST			12/31/1997 24 hr
431272	5399932	0.05624	353	353	0 MONTH	ALL	1ST			12/31/1997 24 hr
430272	5403932	0.11936	370	370	0 MONTH	ALL	1ST			12/31/1997 24 hr
430272	5402932	0.10201	369	369	0 MONTH	ALL	1ST			12/31/1997 24 hr
430272	5401932	0.07931	357.1	357.1	0 MONTH	ALL	1ST			12/31/1997 24 hr
430272	5400932	0.06018	361.15	361.15	0 MONTH	ALL	1ST			12/31/1997 24 hr
430272	5399932	0.04817	357	357	0 MONTH	ALL	1ST			12/31/1997 24 hr
429272	5403932	0.12433	370	370	0 MONTH	ALL	1ST			12/31/1997 24 hr
429272	5402932	0.08942	367	367	0 MONTH	ALL	1ST			12/31/1997 24 hr
429272	5401932	0.06774	363	363	0 MONTH	ALL	1ST			12/31/1997 24 hr
429272	5400932	0.05141	358	358	0 MONTH	ALL	1ST			12/31/1997 24 hr
429272	5399932	0.0424	360.27	360.27	0 MONTH	ALL	1ST			12/31/2000 24 hr
428272	5403932	0.11833	369	369	0 MONTH	ALL	1ST			12/31/2000 24 hr
428272	5402932	0.09945	371.15	371.15	0 MONTH	ALL	1ST			12/31/2000 24 hr
428272	5401932	0.08524	368	368	0 MONTH	ALL	1ST			12/31/2000 24 hr
428272	5400932	0.07425	368.87	368.87	0 MONTH	ALL	1ST			12/31/2000 24 hr
428272	5399932	0.06396	363	363	0 MONTH	ALL	1ST			12/31/2000 24 hr
427272	5403932	0.15715	365	365	0 MONTH	ALL	1ST			12/31/2000 24 hr
427272	5402932	0.1176	372	372	0 MONTH	ALL	1ST			12/31/2000 24 hr
427272	5401932	0.09134	378	378	0 MONTH	ALL	1ST			12/31/2000 24 hr
427272	5400932	0.07315	370	370	0 MONTH	ALL	1ST			12/31/2000 24 hr
427272	5399932	0.05978	359	359	0 MONTH	ALL	1ST			12/31/2000 24 hr
426272	5403932	0.19844	369	369	0 MONTH	ALL	1ST			12/31/2000 24 hr
426272	5402932	0.1628	391.8	391.8	0 MONTH	ALL	1ST			12/31/2000 24 hr
426272	5401932	0.12869	375	375	0 MONTH	ALL	1ST			12/31/2000 24 hr
426272	5400932	0.10636	371	371	0 MONTH	ALL	1ST			12/31/2000 24 hr
426272	5399932	0.08862	367	367	0 MONTH	ALL	1ST			12/31/2000 24 hr
425272	5403932	0.17714	369	369	0 MONTH	ALL	1ST			12/31/2000 24 hr
425272	5402932	0.14515	371.54	371.54	0 MONTH	ALL	1ST			12/31/2000 24 hr
425272	5401932	0.11665	379	379	0 MONTH	ALL	1ST			12/31/2000 24 hr
425272	5400932	0.0952	374	374	0 MONTH	ALL	1ST			12/31/2000 24 hr
425272	5399932	0.08016	373	373	0 MONTH	ALL	1ST			12/31/2000 24 hr
424272	5403932	0.11384	361	361	0 MONTH	ALL	1ST			12/31/2000 24 hr
424272	5402932	0.10001	373.05	373.05	0 MONTH	ALL	1ST			12/31/2000 24 hr
424272	5401932	0.10137	378.56	378.56	0 MONTH	ALL	1ST			12/31/2000 24 hr
424272	5400932	0.09186	378	378	0 MONTH	ALL	1ST			12/31/2000 24 hr
424272	5399932	0.07908	372	372	0 MONTH	ALL	1ST			12/31/2000 24 hr
423272	5403932	0.12145	359	359	0 MONTH	ALL	1ST			1/31/1999 24 hr
423272	5402932	0.09316	378	378	0 MONTH	ALL	1ST			12/31/2000 24 hr
423272	5401932	0.06656	375	375	0 MONTH	ALL	1ST			12/31/2000 24 hr
423272	5400932	0.06169	379	379	0 MONTH	ALL	1ST			12/31/2000 24 hr
423272	5399932	0.06526	373	373	0 MONTH	ALL	1ST			12/31/2000 24 hr
422272	5403932	0.08663	357	357	0 MONTH	ALL	1ST			1/31/1999 24 hr
422272	5402932	0.09755	372	372	0 MONTH	ALL	1ST			1/31/1999 24 hr
422272	5401932	0.07478	373	373	0 MONTH	ALL	1ST			12/31/2000 24 hr
422272	5400932	0.05801	369	369	0 MONTH	ALL	1ST			12/31/2000 24 hr
422272	5399932	0.04361	366.91	366.91	0 MONTH	ALL	1ST			12/31/2000 24 hr
421272	5403932	0.07667	360	360	0 MONTH	ALL	1ST			1/31/1999 24 hr
421272	5402932	0.06563	360	360	0 MONTH	ALL	1ST			4/30/1996 24 hr
421272	5401932	0.07442	365	365	0 MONTH	ALL	1ST			1/31/1999 24 hr
421272	5400932	0.06342	366	366	0 MONTH	ALL	1ST			1/31/1999 24 hr
421272	5399932	0.05156	360	360	0 MONTH	ALL	1ST			12/31/2000 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
420272	5403932	0.06691	358.25	358.25	0	MONTH	ALL	1ST		1/31/1999 24 hr
420272	5402932	0.0585	355	355	0	MONTH	ALL	1ST		1/31/1999 24 hr
420272	5401932	0.05275	360	360	0	MONTH	ALL	1ST		4/30/1996 24 hr
420272	5400932	0.05701	362	362	0	MONTH	ALL	1ST		1/31/1999 24 hr
420272	5399932	0.05722	358	358	0	MONTH	ALL	1ST		1/31/1999 24 hr
419272	5403932	0.05755	357.88	357.88	0	MONTH	ALL	1ST		12/31/2000 24 hr
419272	5402932	0.0541	357	357	0	MONTH	ALL	1ST		1/31/1999 24 hr
419272	5401932	0.04636	356	356	0	MONTH	ALL	1ST		1/31/1999 24 hr
419272	5400932	0.0436	360	360	0	MONTH	ALL	1ST		4/30/1996 24 hr
419272	5399932	0.04438	361	361	0	MONTH	ALL	1ST		1/31/1999 24 hr
418272	5403932	0.06154	349.47	349.47	0	MONTH	ALL	1ST		1/31/1998 24 hr
418272	5402932	0.04479	360	360	0	MONTH	ALL	1ST		1/31/1999 24 hr
418272	5401932	0.04476	353	353	0	MONTH	ALL	1ST		1/31/1999 24 hr
418272	5400932	0.03773	358	358	0	MONTH	ALL	1ST		1/31/1999 24 hr
418272	5399932	0.03686	362	362	0	MONTH	ALL	1ST		4/30/1996 24 hr
422272	5404932	0.10464	358.2	358.2	0	MONTH	ALL	1ST		1/31/1999 24 hr
422272	5405932	0.1203	359	359	0	MONTH	ALL	1ST		1/31/1999 24 hr
422272	5407932	0.19281	357	357	0	MONTH	ALL	1ST		1/31/1998 24 hr
422272	5414932	0.10581	383.84	383.84	0	MONTH	ALL	1ST		1/31/1998 24 hr
422272	5415932	0.11864	389	389	0	MONTH	ALL	1ST		1/31/2000 24 hr
422272	5416932	0.07516	399	399	0	MONTH	ALL	1ST		1/31/2000 24 hr
422272	5417932	0.06543	381.74	381.74	0	MONTH	ALL	1ST		12/31/1996 24 hr
422272	5418932	0.05536	376.48	376.48	0	MONTH	ALL	1ST		12/31/1999 24 hr
422272	5419932	0.04899	364.17	364.17	0	MONTH	ALL	1ST		12/31/1999 24 hr
421272	5407932	0.15259	350	350	0	MONTH	ALL	1ST		1/31/1998 24 hr
421272	5414932	0.09788	378	378	0	MONTH	ALL	1ST		1/31/1998 24 hr
421272	5415932	0.08099	392.15	392.15	0	MONTH	ALL	1ST		1/31/1998 24 hr
421272	5416932	0.092	396	396	0	MONTH	ALL	1ST		1/31/2000 24 hr
421272	5417932	0.0712	388.43	388.43	0	MONTH	ALL	1ST		1/31/2000 24 hr
421272	5418932	0.05347	382	382	0	MONTH	ALL	1ST		12/31/1996 24 hr
421272	5419932	0.04572	369	369	0	MONTH	ALL	1ST		12/31/1999 24 hr
420272	5404932	0.07694	350.89	350.89	0	MONTH	ALL	1ST		12/31/2000 24 hr
420272	5406932	0.10692	347	347	0	MONTH	ALL	1ST		1/31/1998 24 hr
420272	5408932	0.11212	348.58	348.58	0	MONTH	ALL	1ST		1/31/1998 24 hr
420272	5413932	0.07894	380	380	0	MONTH	ALL	1ST		1/31/1998 24 hr
420272	5414932	0.0858	379	379	0	MONTH	ALL	1ST		1/31/1998 24 hr
420272	5415932	0.07416	381	381	0	MONTH	ALL	1ST		1/31/1998 24 hr
420272	5416932	0.06344	387.24	387.24	0	MONTH	ALL	1ST		1/31/1998 24 hr
420272	5417932	0.06925	386.6	386.6	0	MONTH	ALL	1ST		1/31/2000 24 hr
420272	5418932	0.06025	375	375	0	MONTH	ALL	1ST		1/31/2000 24 hr
420272	5419932	0.04328	368	368	0	MONTH	ALL	1ST		1/31/2000 24 hr
419272	5404932	0.08502	347	347	0	MONTH	ALL	1ST		1/31/1998 24 hr
419272	5405932	0.0859	351	351	0	MONTH	ALL	1ST		1/31/1998 24 hr
419272	5406932	0.08806	347	347	0	MONTH	ALL	1ST		1/31/1998 24 hr
419272	5407932	0.10215	342	342	0	MONTH	ALL	1ST		1/31/1998 24 hr
419272	5408932	0.089	347	347	0	MONTH	ALL	1ST		1/31/1998 24 hr
419272	5409932	0.08704	351	351	0	MONTH	ALL	1ST		1/31/1998 24 hr
419272	5410932	0.0891	354	354	0	MONTH	ALL	1ST		1/31/1998 24 hr
419272	5413932	0.05472	370	370	0	MONTH	ALL	1ST		1/31/1998 24 hr
419272	5414932	0.07119	382	382	0	MONTH	ALL	1ST		1/31/1998 24 hr
419272	5415932	0.06758	385.17	385.17	0	MONTH	ALL	1ST		1/31/1998 24 hr
419272	5416932	0.05827	372	372	0	MONTH	ALL	1ST		1/31/1998 24 hr
419272	5417932	0.05009	367.49	367.49	0	MONTH	ALL	1ST		1/31/1998 24 hr
419272	5418932	0.05266	365	365	0	MONTH	ALL	1ST		1/31/2000 24 hr
419272	5419932	0.0523	370	370	0	MONTH	ALL	1ST		1/31/2000 24 hr
418272	5404932	0.07292	352	352	0	MONTH	ALL	1ST		1/31/1998 24 hr
418272	5405932	0.07049	343.78	343.78	0	MONTH	ALL	1ST		1/31/1998 24 hr
418272	5406932	0.07553	342	342	0	MONTH	ALL	1ST		1/31/1998 24 hr
418272	5407932	0.08293	341	341	0	MONTH	ALL	1ST		1/31/1998 24 hr
418272	5408932	0.07248	344	344	0	MONTH	ALL	1ST		1/31/1998 24 hr
418272	5409932	0.06949	345	345	0	MONTH	ALL	1ST		1/31/1998 24 hr
418272	5410932	0.0794	348	348	0	MONTH	ALL	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
418272	5413932	0.04508	369.17	369.17	0	MONTH	ALL	1ST		12/31/1997 24 hr
418272	5414932	0.04941	376.9	376.9	0	MONTH	ALL	1ST		1/31/1998 24 hr
418272	5415932	0.05832	378	378	0	MONTH	ALL	1ST		1/31/1998 24 hr
418272	5416932	0.05464	364	364	0	MONTH	ALL	1ST		1/31/1998 24 hr
418272	5417932	0.04695	361	361	0	MONTH	ALL	1ST		1/31/1998 24 hr
418272	5418932	0.04145	359.7	359.7	0	MONTH	ALL	1ST		1/31/1998 24 hr
418272	5419932	0.04312	371.14	371.14	0	MONTH	ALL	1ST		1/31/2000 24 hr
415463	5406675	0.0591	342	342	0	MONTH	ALL	1ST		12/31/2000 24 hr
415451	5406279	0.04987	345	345	0	MONTH	ALL	1ST		12/31/2000 24 hr
414628	5406278	0.05054	341	341	0	MONTH	ALL	1ST		12/31/2000 24 hr
414648	5407097	0.04941	340	340	0	MONTH	ALL	1ST		1/31/1998 24 hr
413820	5407101	0.0436	344.14	344.14	0	MONTH	ALL	1ST		1/31/1998 24 hr
413844	5407916	0.04007	343	343	0	MONTH	ALL	1ST		1/31/1998 24 hr
414669	5407897	0.04463	343	343	0	MONTH	ALL	1ST		1/31/1998 24 hr
414668	5407921	0.04458	343	343	0	MONTH	ALL	1ST		1/31/1998 24 hr
415890	5407908	0.05341	341	341	0	MONTH	ALL	1ST		1/31/1998 24 hr
415869	5407086	0.06074	341	341	0	MONTH	ALL	1ST		12/31/2000 24 hr
416287	5407081	0.06569	342	342	0	MONTH	ALL	1ST		12/31/2000 24 hr
416272	5406666	0.06122	344	344	0	MONTH	ALL	1ST		12/31/2000 24 hr
421918	5404856	0.09876	353.05	353.05	0	MONTH	ALL	1ST		1/31/1999 24 hr
421094	5404865	0.08196	350	350	0	MONTH	ALL	1ST		1/31/1999 24 hr
421106	5405379	0.09097	350	350	0	MONTH	ALL	1ST		12/31/2000 24 hr
420730	5405382	0.09587	355	355	0	MONTH	ALL	1ST		1/31/1998 24 hr
420730	5405796	0.11667	353	353	0	MONTH	ALL	1ST		1/31/1998 24 hr
419463	5405818	0.09033	353	353	0	MONTH	ALL	1ST		1/31/1998 24 hr
419463	5406226	0.08906	350	350	0	MONTH	ALL	1ST		1/31/1998 24 hr
420291	5406220	0.10804	350	350	0	MONTH	ALL	1ST		1/31/1998 24 hr
420304	5407038	0.10826	347.43	347.43	0	MONTH	ALL	1ST		1/31/1998 24 hr
419611	5407048	0.09458	347	347	0	MONTH	ALL	1ST		1/31/1998 24 hr
419649	5408646	0.10128	347	347	0	MONTH	ALL	1ST		1/31/1998 24 hr
420388	5408637	0.1213	346.92	346.92	0	MONTH	ALL	1ST		1/31/1998 24 hr
420340	5407829	0.1253	344	344	0	MONTH	ALL	1ST		12/31/2000 24 hr
421196	5407811	0.14579	350.16	350.16	0	MONTH	ALL	1ST		1/31/1998 24 hr
421156	5407025	0.13292	352	352	0	MONTH	ALL	1ST		1/31/1998 24 hr
422795	5406994	0.20992	359	359	0	MONTH	ALL	1ST		1/31/1998 24 hr
422806	5407802	0.22389	359	359	0	MONTH	ALL	1ST		1/31/1998 24 hr
423617	5407779	0.30653	358.09	358.09	0	MONTH	ALL	1ST		1/31/1998 24 hr
423599	5406990	0.20583	365.72	365.72	0	MONTH	ALL	1ST		1/31/1999 24 hr
422786	5406989	0.2093	359	359	0	MONTH	ALL	1ST		1/31/1998 24 hr
422771	5406177	0.13952	358	358	0	MONTH	ALL	1ST		1/31/1999 24 hr
422357	5406187	0.1299	359	359	0	MONTH	ALL	1ST		1/31/1999 24 hr
422363	5406591	0.16955	357	357	0	MONTH	ALL	1ST		1/31/1998 24 hr
421964	5406591	0.16469	356	356	0	MONTH	ALL	1ST		1/31/1998 24 hr
420767	5413450	0.08403	375	375	0	MONTH	ALL	1ST		1/31/1998 24 hr
420780	5414261	0.09827	377	377	0	MONTH	ALL	1ST		1/31/1998 24 hr
421449	5414252	0.11294	379.78	379.78	0	MONTH	ALL	1ST		1/31/1998 24 hr
422377	5414238	0.12685	379	379	0	MONTH	ALL	1ST		1/31/1998 24 hr
422370	5415036	0.10389	387.39	387.39	0	MONTH	ALL	1ST		1/31/1998 24 hr
424000	5415015	0.1346	397.45	397.45	0	MONTH	ALL	1ST		12/31/1996 24 hr
423997	5414610	0.13646	400.01	400.01	0	MONTH	ALL	1ST		12/31/1996 24 hr
424792	5414601	0.15686	388	388	0	MONTH	ALL	1ST		12/31/1999 24 hr
424798	5414204	0.17598	389	389	0	MONTH	ALL	1ST		12/31/1999 24 hr
428817	5414150	0.2175	404	404	0	MONTH	ALL	1ST		2/28/1998 24 hr
428848	5415656	0.15952	376	421	0	MONTH	ALL	1ST		2/28/1998 24 hr
429649	5415650	0.17277	394.89	394.89	0	MONTH	ALL	1ST		2/29/2000 24 hr
429650	5415747	0.16694	388.58	388.58	0	MONTH	ALL	1ST		2/29/2000 24 hr
431259	5415735	0.17298	378.13	378.13	0	MONTH	ALL	1ST		2/29/2000 24 hr
431239	5414122	0.18514	376.02	376.02	0	MONTH	ALL	1ST		2/29/2000 24 hr
429628	5414138	0.30289	385.78	385.78	0	MONTH	ALL	1ST		2/29/2000 24 hr
429614	5413326	0.39555	389.97	389.97	0	MONTH	ALL	1ST		2/29/2000 24 hr
428809	5413327	0.38026	390	390	0	MONTH	ALL	1ST		2/29/2000 24 hr
428808	5412548	0.59631	393.59	393.59	0	MONTH	ALL	1ST		2/29/2000 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
430407	5412512	0.27912	389	389	0 MONTH	ALL	1ST			1/31/1999 24 hr
430422	5413312	0.28561	379.63	379.63	0 MONTH	ALL	1ST			2/29/2000 24 hr
431230	5413308	0.18462	376	376	0 MONTH	ALL	1ST			1/31/1999 24 hr
431224	5412901	0.17937	379	379	0 MONTH	ALL	1ST			1/31/1999 24 hr
432035	5412899	0.14942	375.4	375.4	0 MONTH	ALL	1ST			12/31/1999 24 hr
432035	5412495	0.15426	374	374	0 MONTH	ALL	1ST			12/31/1998 24 hr
431223	5412502	0.19034	381	381	0 MONTH	ALL	1ST			12/31/1999 24 hr
431202	5410899	0.36605	382	382	0 MONTH	ALL	1ST			12/31/1998 24 hr
432010	5410893	0.27927	373.96	373.96	0 MONTH	ALL	1ST			12/31/1998 24 hr
431997	5410087	0.25769	378.53	378.53	0 MONTH	ALL	1ST			12/31/1998 24 hr
430381	5410114	0.56606	381	381	0 MONTH	ALL	1ST			12/31/1998 24 hr
430361	5408478	0.44797	377.79	377.79	0 MONTH	ALL	1ST			1/31/1996 24 hr
431008	5408470	0.37536	368.82	368.82	0 MONTH	ALL	1ST			1/31/1996 24 hr
431004	5407564	0.2572	359	359	0 MONTH	ALL	1ST			1/31/2000 24 hr
430203	5407573	0.31899	361	361	0 MONTH	ALL	1ST			1/31/2000 24 hr
430222	5408485	0.46657	378.03	378.03	0 MONTH	ALL	1ST			1/31/1996 24 hr
429414	5408504	0.69379	382.51	382.51	0 MONTH	ALL	1ST			1/31/2000 24 hr
429425	5408830	0.84772	383	383	0 MONTH	ALL	1ST			1/31/1996 24 hr
429102	5408830	0.94806	389	389	0 MONTH	ALL	1ST			1/31/1996 24 hr
429093	5408498	0.84517	387	387	0 MONTH	ALL	1ST			1/31/2000 24 hr
429431	5408490	0.68404	382	382	0 MONTH	ALL	1ST			1/31/2000 24 hr
429422	5407591	0.5335	359	359	0 MONTH	ALL	1ST			12/31/1997 24 hr
428564	5407591	0.73473	368.54	368.54	0 MONTH	ALL	1ST			12/31/1997 24 hr
427718	5407601	0.65087	366.38	366.38	0 MONTH	ALL	1ST			12/31/2000 24 hr
427720	5407741	0.7186	366.75	366.75	0 MONTH	ALL	1ST			12/31/2000 24 hr
427700	5407741	0.7321	366	366	0 MONTH	ALL	1ST			12/31/2000 24 hr
426917	5407750	1.12794	351.89	351.89	0 MONTH	ALL	1ST			12/31/2000 24 hr
426068	5407740	0.67205	379.31	379.31	0 MONTH	ALL	1ST			12/31/2000 24 hr
425276	5407752	0.45703	361	361	0 MONTH	ALL	1ST			1/31/1999 24 hr
425245	5406949	0.36689	370	370	0 MONTH	ALL	1ST			1/31/1999 24 hr
424422	5406973	0.2625	365	365	0 MONTH	ALL	1ST			1/31/1999 24 hr
424461	5407786	0.38093	368.75	378	0 MONTH	ALL	1ST			1/31/1998 24 hr
424499	5408579	0.47238	348	348	0 MONTH	ALL	1ST			1/31/1998 24 hr
420692	5408632	0.13081	343.53	343.53	0 MONTH	ALL	1ST			1/31/1998 24 hr
420705	5409438	0.11055	353	353	0 MONTH	ALL	1ST			1/31/1998 24 hr
419681	5409454	0.08576	351.75	351.75	0 MONTH	ALL	1ST			1/31/1998 24 hr
419677	5411057	0.08702	357.98	357.98	0 MONTH	ALL	1ST			1/31/1998 24 hr
418061	5411078	0.07259	349	349	0 MONTH	ALL	1ST			1/31/1998 24 hr
418099	5413503	0.05535	366	366	0 MONTH	ALL	1ST			12/31/1997 24 hr
418914	5413492	0.05503	369.53	369.53	0 MONTH	ALL	1ST			12/31/1997 24 hr
418914	5413081	0.06586	372.14	372.14	0 MONTH	ALL	1ST			12/31/1997 24 hr
419710	5413071	0.06682	380	380	0 MONTH	ALL	1ST			12/31/1997 24 hr
419711	5413468	0.05919	378	378	0 MONTH	ALL	1ST			1/31/1998 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
429472	5408332	0.29716	380	380	0 ANNUAL	ALL		5	0.47939
429472	5408132	0.26446	376	376	0 ANNUAL	ALL		5	
429472	5407932	0.23545	370.75	370.75	0 ANNUAL	ALL		5	
429672	5408332	0.27022	377	377	0 ANNUAL	ALL		5	
429672	5408132	0.24368	373	373	0 ANNUAL	ALL		5	
429672	5407932	0.2176	367.86	367.86	0 ANNUAL	ALL		5	
429872	5408332	0.24472	373.02	373.02	0 ANNUAL	ALL		5	
429872	5408132	0.2242	368.5	368.5	0 ANNUAL	ALL		5	
429872	5407932	0.20145	361.71	361.71	0 ANNUAL	ALL		5	
430072	5408332	0.22131	370.65	370.65	0 ANNUAL	ALL		5	
430072	5408132	0.20626	366.53	366.53	0 ANNUAL	ALL		5	
430072	5407932	0.18785	360.08	360.08	0 ANNUAL	ALL		5	
429272	5408732	0.40767	387	387	0 ANNUAL	ALL		5	
429272	5408532	0.37044	385	385	0 ANNUAL	ALL		5	
426272	5414932	0.09168	387	387	0 ANNUAL	ALL		5	
433272	5414932	0.0378	394	411	0 ANNUAL	ALL		5	
433272	5411932	0.04854	385	385	0 ANNUAL	ALL		5	
433272	5408432	0.06693	367	367	0 ANNUAL	ALL		5	
433272	5404932	0.04058	388	388	0 ANNUAL	ALL		5	
430272	5404932	0.0644	368	368	0 ANNUAL	ALL		5	
426772	5404932	0.06129	369	369	0 ANNUAL	ALL		5	
423272	5404932	0.04136	358	358	0 ANNUAL	ALL		5	
423272	5407932	0.07875	355.19	355.19	0 ANNUAL	ALL		5	
423272	5415932	0.04996	399	399	0 ANNUAL	ALL		5	
423272	5416932	0.04029	403.27	403.27	0 ANNUAL	ALL		5	
423272	5417932	0.03743	379	379	0 ANNUAL	ALL		5	
423272	5418932	0.03353	379	379	0 ANNUAL	ALL		5	
423272	5419932	0.02964	372	372	0 ANNUAL	ALL		5	
424272	5415932	0.05749	387.8	387.8	0 ANNUAL	ALL		5	
424272	5416932	0.05016	373	373	0 ANNUAL	ALL		5	
424272	5417932	0.0424	380	380	0 ANNUAL	ALL		5	
424272	5418932	0.03587	373.82	373.82	0 ANNUAL	ALL		5	
424272	5419932	0.03072	379	379	0 ANNUAL	ALL		5	
425272	5415932	0.06725	379.39	379.39	0 ANNUAL	ALL		5	
425272	5416932	0.05377	375	375	0 ANNUAL	ALL		5	
425272	5417932	0.04407	373	373	0 ANNUAL	ALL		5	
425272	5418932	0.03701	380	380	0 ANNUAL	ALL		5	
425272	5419932	0.03176	375	375	0 ANNUAL	ALL		5	
426272	5415932	0.0719	379	379	0 ANNUAL	ALL		5	
426272	5416932	0.05743	380	380	0 ANNUAL	ALL		5	
426272	5417932	0.0472	376.3	376.3	0 ANNUAL	ALL		5	
426272	5418932	0.03955	373	373	0 ANNUAL	ALL		5	
426272	5419932	0.0337	369.47	369.47	0 ANNUAL	ALL		5	
427272	5415932	0.07612	385	385	0 ANNUAL	ALL		5	
427272	5416932	0.06011	381.6	381.6	0 ANNUAL	ALL		5	
427272	5417932	0.0491	379	379	0 ANNUAL	ALL		5	
427272	5418932	0.04088	374.11	374.11	0 ANNUAL	ALL		5	
427272	5419932	0.03457	382.03	382.03	0 ANNUAL	ALL		5	
428272	5415932	0.07527	376	376	0 ANNUAL	ALL		5	
428272	5416932	0.06027	378.06	378.06	0 ANNUAL	ALL		5	
428272	5417932	0.04951	380	380	0 ANNUAL	ALL		5	
428272	5418932	0.04155	375	375	0 ANNUAL	ALL		5	
428272	5419932	0.0353	362.92	362.92	0 ANNUAL	ALL		5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
429272	5415932	0.06626	375.97	375.97	0	ANNUAL	ALL	5	
429272	5416932	0.05259	373	373	0	ANNUAL	ALL	5	
429272	5417932	0.04362	378.26	378.26	0	ANNUAL	ALL	5	
429272	5418932	0.03722	377.04	377.04	0	ANNUAL	ALL	5	
429272	5419932	0.03231	380	380	0	ANNUAL	ALL	5	
430272	5415932	0.06577	378	400	0	ANNUAL	ALL	5	
430272	5416932	0.05211	379.06	389	0	ANNUAL	ALL	5	
430272	5417932	0.04222	370	370	0	ANNUAL	ALL	5	
430272	5418932	0.0349	371	371	0	ANNUAL	ALL	5	
430272	5419932	0.02949	369	369	0	ANNUAL	ALL	5	
431272	5415932	0.06004	377	377	0	ANNUAL	ALL	5	
431272	5416932	0.05139	401.29	401.29	0	ANNUAL	ALL	5	
431272	5417932	0.04106	386.43	392	0	ANNUAL	ALL	5	
431272	5418932	0.03498	367	367	0	ANNUAL	ALL	5	
431272	5419932	0.02976	363	363	0	ANNUAL	ALL	5	
432272	5415932	0.04727	383.19	383.19	0	ANNUAL	ALL	5	
432272	5416932	0.04417	381.02	400	0	ANNUAL	ALL	5	
432272	5417932	0.03978	379.99	379.99	0	ANNUAL	ALL	5	
432272	5418932	0.03504	383.35	386	0	ANNUAL	ALL	5	
432272	5419932	0.02962	375.1	412	0	ANNUAL	ALL	5	
433272	5415932	0.03348	418.42	418.42	0	ANNUAL	ALL	5	
433272	5416932	0.03573	378.66	433	0	ANNUAL	ALL	5	
433272	5417932	0.0334	390.47	390.47	0	ANNUAL	ALL	5	
433272	5418932	0.03146	378	378	0	ANNUAL	ALL	5	
433272	5419932	0.02916	402	402	0	ANNUAL	ALL	5	
434272	5415932	0.02923	389.22	421	0	ANNUAL	ALL	5	
434272	5416932	0.02571	422	422	0	ANNUAL	ALL	5	
434272	5417932	0.02769	382.42	423	0	ANNUAL	ALL	5	
434272	5418932	0.02616	399.16	399.16	0	ANNUAL	ALL	5	
434272	5419932	0.02541	376	412	0	ANNUAL	ALL	5	
435272	5415932	0.02431	388.82	412	0	ANNUAL	ALL	5	
435272	5416932	0.02345	382	382	0	ANNUAL	ALL	5	
435272	5417932	0.02216	407.47	407.47	0	ANNUAL	ALL	5	
435272	5418932	0.0223	393.3	393.3	0	ANNUAL	ALL	5	
435272	5419932	0.02174	373.48	413	0	ANNUAL	ALL	5	
436272	5415932	0.02071	389.81	401	0	ANNUAL	ALL	5	
436272	5416932	0.02004	391.84	391.84	0	ANNUAL	ALL	5	
436272	5417932	0.01886	400.01	400.01	0	ANNUAL	ALL	5	
436272	5418932	0.01887	387.9	387.9	0	ANNUAL	ALL	5	
436272	5419932	0.01867	377.51	388	0	ANNUAL	ALL	5	
437272	5415932	0.01876	354	354	0	ANNUAL	ALL	5	
437272	5416932	0.01764	369.34	369.34	0	ANNUAL	ALL	5	
437272	5417932	0.01678	359.22	359.22	0	ANNUAL	ALL	5	
437272	5418932	0.01632	376.38	376.38	0	ANNUAL	ALL	5	
437272	5419932	0.01594	383.1	390	0	ANNUAL	ALL	5	
438272	5415932	0.01658	354	354	0	ANNUAL	ALL	5	
438272	5416932	0.01585	378.99	378.99	0	ANNUAL	ALL	5	
438272	5417932	0.01494	377.48	381	0	ANNUAL	ALL	5	
438272	5418932	0.01434	380.16	389	0	ANNUAL	ALL	5	
438272	5419932	0.01393	372.4	394	0	ANNUAL	ALL	5	
434272	5414932	0.03137	376.5	376.5	0	ANNUAL	ALL	5	
434272	5413932	0.03407	379.78	379.78	0	ANNUAL	ALL	5	
434272	5412932	0.03622	380	380	0	ANNUAL	ALL	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
434272	5411932	0.03973	389	389	0 ANNUAL	ALL		5	
434272	5410932	0.04831	384.8	384.8	0 ANNUAL	ALL		5	
434272	5409932	0.05608	380	380	0 ANNUAL	ALL		5	
434272	5408932	0.05361	374	374	0 ANNUAL	ALL		5	
434272	5407932	0.05163	378	378	0 ANNUAL	ALL		5	
434272	5406932	0.04708	390	390	0 ANNUAL	ALL		5	
434272	5405932	0.04482	389.07	389.07	0 ANNUAL	ALL		5	
434272	5404932	0.03611	396	396	0 ANNUAL	ALL		5	
434272	5403932	0.03047	372	372	0 ANNUAL	ALL		5	
434272	5402932	0.02687	377.6	377.6	0 ANNUAL	ALL		5	
434272	5401932	0.02479	367.57	367.57	0 ANNUAL	ALL		5	
434272	5400932	0.02213	370.03	370.03	0 ANNUAL	ALL		5	
434272	5399932	0.01914	361.08	361.08	0 ANNUAL	ALL		5	
435272	5414932	0.02661	377.01	377.01	0 ANNUAL	ALL		5	
435272	5413932	0.02748	391	391	0 ANNUAL	ALL		5	
435272	5412932	0.02943	388	388	0 ANNUAL	ALL		5	
435272	5411932	0.03479	388.36	388.36	0 ANNUAL	ALL		5	
435272	5410932	0.03893	385	385	0 ANNUAL	ALL		5	
435272	5409932	0.04557	383	383	0 ANNUAL	ALL		5	
435272	5408932	0.04314	380	380	0 ANNUAL	ALL		5	
435272	5407932	0.04045	386.15	386.15	0 ANNUAL	ALL		5	
435272	5406932	0.03913	391.39	391.39	0 ANNUAL	ALL		5	
435272	5405932	0.03798	395	395	0 ANNUAL	ALL		5	
435272	5404932	0.03295	389.45	389.45	0 ANNUAL	ALL		5	
435272	5403932	0.02814	378.59	378.59	0 ANNUAL	ALL		5	
435272	5402932	0.02372	371	371	0 ANNUAL	ALL		5	
435272	5401932	0.0214	367	367	0 ANNUAL	ALL		5	
435272	5400932	0.02005	361	361	0 ANNUAL	ALL		5	
435272	5399932	0.01827	361	361	0 ANNUAL	ALL		5	
436272	5414932	0.02282	395.5	395.5	0 ANNUAL	ALL		5	
436272	5413932	0.0227	403	403	0 ANNUAL	ALL		5	
436272	5412932	0.02492	391	391	0 ANNUAL	ALL		5	
436272	5411932	0.03036	378	378	0 ANNUAL	ALL		5	
436272	5410932	0.03251	383	383	0 ANNUAL	ALL		5	
436272	5409932	0.03784	388.85	401	0 ANNUAL	ALL		5	
436272	5408932	0.03437	393.51	393.51	0 ANNUAL	ALL		5	
436272	5407932	0.03349	381.28	381.28	0 ANNUAL	ALL		5	
436272	5406932	0.03343	383	383	0 ANNUAL	ALL		5	
436272	5405932	0.03093	387.2	387.2	0 ANNUAL	ALL		5	
436272	5404932	0.02993	387.75	387.75	0 ANNUAL	ALL		5	
436272	5403932	0.02584	374.42	374.42	0 ANNUAL	ALL		5	
436272	5402932	0.0222	376	376	0 ANNUAL	ALL		5	
436272	5401932	0.0191	368	368	0 ANNUAL	ALL		5	
436272	5400932	0.01758	370	370	0 ANNUAL	ALL		5	
436272	5399932	0.01664	357.67	357.67	0 ANNUAL	ALL		5	
437272	5414932	0.01969	361.94	361.94	0 ANNUAL	ALL		5	
437272	5413932	0.02049	360	403	0 ANNUAL	ALL		5	
437272	5412932	0.0228	369.93	402	0 ANNUAL	ALL		5	
437272	5411932	0.02623	369.31	369.31	0 ANNUAL	ALL		5	
437272	5410932	0.02825	370.89	370.89	0 ANNUAL	ALL		5	
437272	5409932	0.03158	370.33	370.33	0 ANNUAL	ALL		5	
437272	5408932	0.03013	374.64	374.64	0 ANNUAL	ALL		5	
437272	5407932	0.0286	377	377	0 ANNUAL	ALL		5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole   Averagin	Source Gr	Num Year	Net ID
437272	5406932	0.02859	381	381	0 ANNUAL	ALL	5	
437272	5405932	0.02629	386	386	0 ANNUAL	ALL	5	
437272	5404932	0.02628	385.46	385.46	0 ANNUAL	ALL	5	
437272	5403932	0.02362	378	378	0 ANNUAL	ALL	5	
437272	5402932	0.02075	377	377	0 ANNUAL	ALL	5	
437272	5401932	0.01799	369	369	0 ANNUAL	ALL	5	
437272	5400932	0.0158	367.59	367.59	0 ANNUAL	ALL	5	
437272	5399932	0.01473	363	363	0 ANNUAL	ALL	5	
438272	5414932	0.01721	365.14	390	0 ANNUAL	ALL	5	
438272	5413932	0.01804	362.96	390	0 ANNUAL	ALL	5	
438272	5412932	0.02049	368	368	0 ANNUAL	ALL	5	
438272	5411932	0.0231	390	390	0 ANNUAL	ALL	5	
438272	5410932	0.02457	380	380	0 ANNUAL	ALL	5	
438272	5409932	0.0274	384.32	395	0 ANNUAL	ALL	5	
438272	5408932	0.02588	377	377	0 ANNUAL	ALL	5	
438272	5407932	0.02454	377.75	377.75	0 ANNUAL	ALL	5	
438272	5406932	0.02452	379	379	0 ANNUAL	ALL	5	
438272	5405932	0.02341	380.9	380.9	0 ANNUAL	ALL	5	
438272	5404932	0.02253	377.65	377.65	0 ANNUAL	ALL	5	
438272	5403932	0.02147	373	373	0 ANNUAL	ALL	5	
438272	5402932	0.01923	371	371	0 ANNUAL	ALL	5	
438272	5401932	0.01706	368	368	0 ANNUAL	ALL	5	
438272	5400932	0.01494	367	367	0 ANNUAL	ALL	5	
438272	5399932	0.01333	365.37	365.37	0 ANNUAL	ALL	5	
433272	5403932	0.03494	380	380	0 ANNUAL	ALL	5	
433272	5402932	0.03151	364.52	364.52	0 ANNUAL	ALL	5	
433272	5401932	0.02738	372.72	372.72	0 ANNUAL	ALL	5	
433272	5400932	0.02305	362	362	0 ANNUAL	ALL	5	
433272	5399932	0.01969	361	361	0 ANNUAL	ALL	5	
432272	5403932	0.04193	381	381	0 ANNUAL	ALL	5	
432272	5402932	0.03476	363.86	363.86	0 ANNUAL	ALL	5	
432272	5401932	0.02857	380	380	0 ANNUAL	ALL	5	
432272	5400932	0.02363	368.3	368.3	0 ANNUAL	ALL	5	
432272	5399932	0.01959	366.49	366.49	0 ANNUAL	ALL	5	
431272	5403932	0.04614	368	368	0 ANNUAL	ALL	5	
431272	5402932	0.03593	360	360	0 ANNUAL	ALL	5	
431272	5401932	0.02831	357.8	357.8	0 ANNUAL	ALL	5	
431272	5400932	0.02279	366	366	0 ANNUAL	ALL	5	
431272	5399932	0.01866	353	353	0 ANNUAL	ALL	5	
430272	5403932	0.0465	370	370	0 ANNUAL	ALL	5	
430272	5402932	0.03469	369	369	0 ANNUAL	ALL	5	
430272	5401932	0.02697	357.1	357.1	0 ANNUAL	ALL	5	
430272	5400932	0.02197	361.15	361.15	0 ANNUAL	ALL	5	
430272	5399932	0.01829	357	357	0 ANNUAL	ALL	5	
429272	5403932	0.04411	370	370	0 ANNUAL	ALL	5	
429272	5402932	0.03351	367	367	0 ANNUAL	ALL	5	
429272	5401932	0.02645	363	363	0 ANNUAL	ALL	5	
429272	5400932	0.02144	358	358	0 ANNUAL	ALL	5	
429272	5399932	0.01782	360.27	360.27	0 ANNUAL	ALL	5	
428272	5403932	0.04134	369	369	0 ANNUAL	ALL	5	
428272	5402932	0.03126	371.15	371.15	0 ANNUAL	ALL	5	
428272	5401932	0.02465	368	368	0 ANNUAL	ALL	5	
428272	5400932	0.02015	368.87	368.87	0 ANNUAL	ALL	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
428272	5399932	0.01682	363	363	0	ANNUAL	ALL	5	
427272	5403932	0.04214	365	365	0	ANNUAL	ALL	5	
427272	5402932	0.03232	372	372	0	ANNUAL	ALL	5	
427272	5401932	0.02569	378	378	0	ANNUAL	ALL	5	
427272	5400932	0.02098	370	370	0	ANNUAL	ALL	5	
427272	5399932	0.01745	359	359	0	ANNUAL	ALL	5	
426272	5403932	0.04398	369	369	0	ANNUAL	ALL	5	
426272	5402932	0.03448	391.8	391.8	0	ANNUAL	ALL	5	
426272	5401932	0.02776	375	375	0	ANNUAL	ALL	5	
426272	5400932	0.02283	371	371	0	ANNUAL	ALL	5	
426272	5399932	0.01912	367	367	0	ANNUAL	ALL	5	
425272	5403932	0.0398	369	369	0	ANNUAL	ALL	5	
425272	5402932	0.03162	371.54	371.54	0	ANNUAL	ALL	5	
425272	5401932	0.02578	379	379	0	ANNUAL	ALL	5	
425272	5400932	0.02161	374	374	0	ANNUAL	ALL	5	
425272	5399932	0.01848	373	373	0	ANNUAL	ALL	5	
424272	5403932	0.03626	361	361	0	ANNUAL	ALL	5	
424272	5402932	0.02838	373.05	373.05	0	ANNUAL	ALL	5	
424272	5401932	0.02378	378.56	378.56	0	ANNUAL	ALL	5	
424272	5400932	0.02028	378	378	0	ANNUAL	ALL	5	
424272	5399932	0.01734	372	372	0	ANNUAL	ALL	5	
423272	5403932	0.03558	359	359	0	ANNUAL	ALL	5	
423272	5402932	0.02829	378	378	0	ANNUAL	ALL	5	
423272	5401932	0.02229	375	375	0	ANNUAL	ALL	5	
423272	5400932	0.01843	379	379	0	ANNUAL	ALL	5	
423272	5399932	0.01605	373	373	0	ANNUAL	ALL	5	
422272	5403932	0.02945	357	357	0	ANNUAL	ALL	5	
422272	5402932	0.02674	372	372	0	ANNUAL	ALL	5	
422272	5401932	0.02261	373	373	0	ANNUAL	ALL	5	
422272	5400932	0.01841	369	369	0	ANNUAL	ALL	5	
422272	5399932	0.01529	366.91	366.91	0	ANNUAL	ALL	5	
421272	5403932	0.02674	360	360	0	ANNUAL	ALL	5	
421272	5402932	0.02232	360	360	0	ANNUAL	ALL	5	
421272	5401932	0.02062	365	365	0	ANNUAL	ALL	5	
421272	5400932	0.01841	366	366	0	ANNUAL	ALL	5	
421272	5399932	0.01548	360	360	0	ANNUAL	ALL	5	
420272	5403932	0.02484	358.25	358.25	0	ANNUAL	ALL	5	
420272	5402932	0.02064	355	355	0	ANNUAL	ALL	5	
420272	5401932	0.01761	360	360	0	ANNUAL	ALL	5	
420272	5400932	0.01642	362	362	0	ANNUAL	ALL	5	
420272	5399932	0.0152	358	358	0	ANNUAL	ALL	5	
419272	5403932	0.0235	357.88	357.88	0	ANNUAL	ALL	5	
419272	5402932	0.01933	357	357	0	ANNUAL	ALL	5	
419272	5401932	0.01658	356	356	0	ANNUAL	ALL	5	
419272	5400932	0.01434	360	360	0	ANNUAL	ALL	5	
419272	5399932	0.01343	361	361	0	ANNUAL	ALL	5	
418272	5403932	0.02154	349.47	349.47	0	ANNUAL	ALL	5	
418272	5402932	0.01849	360	360	0	ANNUAL	ALL	5	
418272	5401932	0.01557	353	353	0	ANNUAL	ALL	5	
418272	5400932	0.0137	358	358	0	ANNUAL	ALL	5	
418272	5399932	0.01197	362	362	0	ANNUAL	ALL	5	
422272	5404932	0.0363	358.2	358.2	0	ANNUAL	ALL	5	
422272	5405932	0.04804	359	359	0	ANNUAL	ALL	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole   Averagin	Source Gr	Num Year	Net ID
422272	5407932	0.05483	357	357	0 ANNUAL	ALL	5	
422272	5414932	0.04179	383.84	383.84	0 ANNUAL	ALL	5	
422272	5415932	0.03902	389	389	0 ANNUAL	ALL	5	
422272	5416932	0.03684	399	399	0 ANNUAL	ALL	5	
422272	5417932	0.03312	381.74	381.74	0 ANNUAL	ALL	5	
422272	5418932	0.02917	376.48	376.48	0 ANNUAL	ALL	5	
422272	5419932	0.02628	364.17	364.17	0 ANNUAL	ALL	5	
421272	5407932	0.04124	350	350	0 ANNUAL	ALL	5	
421272	5414932	0.03489	378	378	0 ANNUAL	ALL	5	
421272	5415932	0.031	392.15	392.15	0 ANNUAL	ALL	5	
421272	5416932	0.02958	396	396	0 ANNUAL	ALL	5	
421272	5417932	0.02816	388.43	388.43	0 ANNUAL	ALL	5	
421272	5418932	0.02669	382	382	0 ANNUAL	ALL	5	
421272	5419932	0.0238	369	369	0 ANNUAL	ALL	5	
420272	5404932	0.03067	350.89	350.89	0 ANNUAL	ALL	5	
420272	5406932	0.03188	347	347	0 ANNUAL	ALL	5	
420272	5408932	0.03083	348.58	348.58	0 ANNUAL	ALL	5	
420272	5413932	0.02859	380	380	0 ANNUAL	ALL	5	
420272	5414932	0.02959	379	379	0 ANNUAL	ALL	5	
420272	5415932	0.02685	381	381	0 ANNUAL	ALL	5	
420272	5416932	0.02443	387.24	387.24	0 ANNUAL	ALL	5	
420272	5417932	0.02364	386.6	386.6	0 ANNUAL	ALL	5	
420272	5418932	0.02274	375	375	0 ANNUAL	ALL	5	
420272	5419932	0.02158	368	368	0 ANNUAL	ALL	5	
419272	5404932	0.02661	347	347	0 ANNUAL	ALL	5	
419272	5405932	0.02661	351	351	0 ANNUAL	ALL	5	
419272	5406932	0.02551	347	347	0 ANNUAL	ALL	5	
419272	5407932	0.02628	342	342	0 ANNUAL	ALL	5	
419272	5408932	0.0248	347	347	0 ANNUAL	ALL	5	
419272	5409932	0.02287	351	351	0 ANNUAL	ALL	5	
419272	5410932	0.02081	354	354	0 ANNUAL	ALL	5	
419272	5413932	0.02316	370	370	0 ANNUAL	ALL	5	
419272	5414932	0.0231	382	382	0 ANNUAL	ALL	5	
419272	5415932	0.02399	385.17	385.17	0 ANNUAL	ALL	5	
419272	5416932	0.02144	372	372	0 ANNUAL	ALL	5	
419272	5417932	0.02019	367.49	367.49	0 ANNUAL	ALL	5	
419272	5418932	0.01937	365	365	0 ANNUAL	ALL	5	
419272	5419932	0.0186	370	370	0 ANNUAL	ALL	5	
418272	5404932	0.02232	352	352	0 ANNUAL	ALL	5	
418272	5405932	0.02163	343.78	343.78	0 ANNUAL	ALL	5	
418272	5406932	0.02124	342	342	0 ANNUAL	ALL	5	
418272	5407932	0.02163	341	341	0 ANNUAL	ALL	5	
418272	5408932	0.02048	344	344	0 ANNUAL	ALL	5	
418272	5409932	0.01898	345	345	0 ANNUAL	ALL	5	
418272	5410932	0.01729	348	348	0 ANNUAL	ALL	5	
418272	5413932	0.01904	369.17	369.17	0 ANNUAL	ALL	5	
418272	5414932	0.019	376.9	376.9	0 ANNUAL	ALL	5	
418272	5415932	0.01981	378	378	0 ANNUAL	ALL	5	
418272	5416932	0.0193	364	364	0 ANNUAL	ALL	5	
418272	5417932	0.01754	361	361	0 ANNUAL	ALL	5	
418272	5418932	0.01671	359.7	359.7	0 ANNUAL	ALL	5	
418272	5419932	0.0162	371.14	371.14	0 ANNUAL	ALL	5	
415463	5406675	0.01423	342	342	0 ANNUAL	ALL	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
415451	5406279	0.0139	345	345	0	ANNUAL	ALL	5	
414628	5406278	0.01264	341	341	0	ANNUAL	ALL	5	
414648	5407097	0.01279	340	340	0	ANNUAL	ALL	5	
413820	5407101	0.01152	344.14	344.14	0	ANNUAL	ALL	5	
413844	5407916	0.01108	343	343	0	ANNUAL	ALL	5	
414669	5407897	0.01232	343	343	0	ANNUAL	ALL	5	
414668	5407921	0.0123	343	343	0	ANNUAL	ALL	5	
415890	5407908	0.01458	341	341	0	ANNUAL	ALL	5	
415869	5407086	0.0151	341	341	0	ANNUAL	ALL	5	
416287	5407081	0.01602	342	342	0	ANNUAL	ALL	5	
416272	5406666	0.01575	344	344	0	ANNUAL	ALL	5	
421918	5404856	0.03436	353.05	353.05	0	ANNUAL	ALL	5	
421094	5404865	0.03228	350	350	0	ANNUAL	ALL	5	
421106	5405379	0.03659	350	350	0	ANNUAL	ALL	5	
420730	5405382	0.0351	355	355	0	ANNUAL	ALL	5	
420730	5405796	0.03662	353	353	0	ANNUAL	ALL	5	
419463	5405818	0.02782	353	353	0	ANNUAL	ALL	5	
419463	5406226	0.02742	350	350	0	ANNUAL	ALL	5	
420291	5406220	0.03311	350	350	0	ANNUAL	ALL	5	
420304	5407038	0.03199	347.43	347.43	0	ANNUAL	ALL	5	
419611	5407048	0.02735	347	347	0	ANNUAL	ALL	5	
419649	5408646	0.0273	347	347	0	ANNUAL	ALL	5	
420388	5408637	0.03236	346.92	346.92	0	ANNUAL	ALL	5	
420340	5407829	0.03286	344	344	0	ANNUAL	ALL	5	
421196	5407811	0.04018	350.16	350.16	0	ANNUAL	ALL	5	
421156	5407025	0.04019	352	352	0	ANNUAL	ALL	5	
422795	5406994	0.06657	359	359	0	ANNUAL	ALL	5	
422806	5407802	0.06622	359	359	0	ANNUAL	ALL	5	
423617	5407779	0.0923	358.09	358.09	0	ANNUAL	ALL	5	
423599	5406990	0.08171	365.72	365.72	0	ANNUAL	ALL	5	
422786	5406989	0.06637	359	359	0	ANNUAL	ALL	5	
422771	5406177	0.05464	358	358	0	ANNUAL	ALL	5	
422357	5406187	0.05213	359	359	0	ANNUAL	ALL	5	
422363	5406591	0.05662	357	357	0	ANNUAL	ALL	5	
421964	5406591	0.05113	356	356	0	ANNUAL	ALL	5	
420767	5413450	0.03213	375	375	0	ANNUAL	ALL	5	
420780	5414261	0.03336	377	377	0	ANNUAL	ALL	5	
421449	5414252	0.03899	379.78	379.78	0	ANNUAL	ALL	5	
422377	5414238	0.04656	379	379	0	ANNUAL	ALL	5	
422370	5415036	0.04259	387.39	387.39	0	ANNUAL	ALL	5	
424000	5415015	0.06538	397.45	397.45	0	ANNUAL	ALL	5	
423997	5414610	0.06959	400.01	400.01	0	ANNUAL	ALL	5	
424792	5414601	0.08139	388	388	0	ANNUAL	ALL	5	
424798	5414204	0.0893	389	389	0	ANNUAL	ALL	5	
428817	5414150	0.10583	404	404	0	ANNUAL	ALL	5	
428848	5415656	0.07319	376	421	0	ANNUAL	ALL	5	
429649	5415650	0.07032	394.89	394.89	0	ANNUAL	ALL	5	
429650	5415747	0.06907	388.58	388.58	0	ANNUAL	ALL	5	
431259	5415735	0.06184	378.13	378.13	0	ANNUAL	ALL	5	
431239	5414122	0.0736	376.02	376.02	0	ANNUAL	ALL	5	
429628	5414138	0.11159	385.78	385.78	0	ANNUAL	ALL	5	
429614	5413326	0.14459	389.97	389.97	0	ANNUAL	ALL	5	
428809	5413327	0.15534	390	390	0	ANNUAL	ALL	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole   Averagin	Source Gr	Num Year	Net ID
428808	5412548	0.22155	393.59	393.59	0 ANNUAL	ALL	5	
430407	5412512	0.11343	389	389	0 ANNUAL	ALL	5	
430422	5413312	0.10769	379.63	379.63	0 ANNUAL	ALL	5	
431230	5413308	0.07751	376	376	0 ANNUAL	ALL	5	
431224	5412901	0.07963	379	379	0 ANNUAL	ALL	5	
432035	5412899	0.062	375.4	375.4	0 ANNUAL	ALL	5	
432035	5412495	0.06497	374	374	0 ANNUAL	ALL	5	
431223	5412502	0.08316	381	381	0 ANNUAL	ALL	5	
431202	5410899	0.10822	382	382	0 ANNUAL	ALL	5	
432010	5410893	0.08614	373.96	373.96	0 ANNUAL	ALL	5	
431997	5410087	0.1024	378.53	378.53	0 ANNUAL	ALL	5	
430381	5410114	0.19727	381	381	0 ANNUAL	ALL	5	
430361	5408478	0.19783	377.79	377.79	0 ANNUAL	ALL	5	
431008	5408470	0.14598	368.82	368.82	0 ANNUAL	ALL	5	
431004	5407564	0.12254	359	359	0 ANNUAL	ALL	5	
430203	5407573	0.15328	361	361	0 ANNUAL	ALL	5	
430222	5408485	0.21272	378.03	378.03	0 ANNUAL	ALL	5	
429414	5408504	0.33778	382.51	382.51	0 ANNUAL	ALL	5	
429425	5408830	0.37586	383	383	0 ANNUAL	ALL	5	
429102	5408830	0.47939	389	389	0 ANNUAL	ALL	5	
429093	5408498	0.39491	387	387	0 ANNUAL	ALL	5	
429431	5408490	0.33232	382	382	0 ANNUAL	ALL	5	
429422	5407591	0.20248	359	359	0 ANNUAL	ALL	5	
428564	5407591	0.26162	368.54	368.54	0 ANNUAL	ALL	5	
427718	5407601	0.23888	366.38	366.38	0 ANNUAL	ALL	5	
427720	5407741	0.27194	366.75	366.75	0 ANNUAL	ALL	5	
427700	5407741	0.27076	366	366	0 ANNUAL	ALL	5	
426917	5407750	0.2589	351.89	351.89	0 ANNUAL	ALL	5	
426068	5407740	0.22196	379.31	379.31	0 ANNUAL	ALL	5	
425276	5407752	0.16462	361	361	0 ANNUAL	ALL	5	
425245	5406949	0.11409	370	370	0 ANNUAL	ALL	5	
424422	5406973	0.09264	365	365	0 ANNUAL	ALL	5	
424461	5407786	0.13392	368.75	378	0 ANNUAL	ALL	5	
424499	5408579	0.13749	348	348	0 ANNUAL	ALL	5	
420692	5408632	0.03476	343.53	343.53	0 ANNUAL	ALL	5	
420705	5409438	0.03287	353	353	0 ANNUAL	ALL	5	
419681	5409454	0.02606	351.75	351.75	0 ANNUAL	ALL	5	
419677	5411057	0.0226	357.98	357.98	0 ANNUAL	ALL	5	
418061	5411078	0.01656	349	349	0 ANNUAL	ALL	5	
418099	5413503	0.01746	366	366	0 ANNUAL	ALL	5	
418914	5413492	0.02113	369.53	369.53	0 ANNUAL	ALL	5	
418914	5413081	0.02013	372.14	372.14	0 ANNUAL	ALL	5	
419710	5413071	0.02463	380	380	0 ANNUAL	ALL	5	
419711	5413468	0.02537	378	378	0 ANNUAL	ALL	5	

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

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RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	12	56.4923	2E+09	429102	5408830	DC	Discarded	76.2903
1	1997	1	76.2903	2E+09	429102	5408830	DC	Discarded	
1	1998	5	65.4204	2E+09	429102	5408830	DC	Discarded	
1	1999	37	49.2532	2E+09	429102	5408830	DC	Discarded	
1	2000	4	66.6062	2E+09	429093	5408498	DC	Discarded	
2	1996	16	55.6893	2E+09	429425	5408830	DC	Discarded	
2	1997	2	67.8305	2E+09	429272	5408732	DC	Discarded	
2	1998	13	56.1101	2E+09	429272	5408732	DC	Discarded	
2	1999	38	49.1632	2E+09	429093	5408498	DC	Discarded	
2	2000	10	57.5602	2E+09	429102	5408830	DC	Discarded	
3	1996	17	55.1025	2E+09	429102	5408830	DC	Discarded	
3	1997	3	67.6235	2E+09	429093	5408498	DC	Discarded	
3	1998	15	55.7181	2E+09	429102	5408830	DC	Discarded	
3	1999	39	49.1398	2E+09	427720	5407741	DC	Discarded	
3	2000	20	53.8308	2E+09	429272	5408732	DC	Discarded	
4	1996	21	53.1637	2E+09	429102	5408830	DC	Discarded	
4	1997	6	64.4179	2E+09	429102	5408830	DC	Discarded	
4	1998	22	53.1482	2E+09	429102	5408830	DC	Discarded	
4	1999	54	47.5573	2E+09	427700	5407741	DC	Discarded	
4	2000	26	51.2967	2E+09	429425	5408830	DC	Discarded	
5	1996	31	49.6753	2E+09	429102	5408830	DC	Discarded	
5	1997	7	63.116	2E+09	429102	5408830	DC	Discarded	
5	1998	24	52.2025	2E+09	427720	5407741	DC	Discarded	
5	1999	58	46.8018	2E+09	429102	5408830	DC	Discarded	
5	2000	27	49.9801	2E+09	429102	5408830	DC	Discarded	
6	1996	33	49.5944	2E+09	429102	5408830	DC	Discarded	
6	1997	8	60.8692	2E+09	429272	5408732	DC	Discarded	
6	1998	28	49.8891	2E+09	427700	5407741	DC	Discarded	
6	1999	64	46.4729	2E+09	429102	5408830	DC	Discarded	
6	2000	42	48.7981	2E+09	429102	5408830	DC	Discarded	
7	1996	36	49.264	2E+09	429272	5408732	DC	Discarded	
7	1997	9	58.0514	2E+09	429272	5408732	DC	Discarded	
7	1998	32	49.6556	2E+09	429272	5408732	DC	Discarded	
7	1999	66	46.3099	2E+09	426068	5407740	DC	Discarded	
7	2000	53	47.5719	2E+09	429272	5408532	DC	Discarded	
8	1996	47	48.2595	2E+09	429272	5408732	DC	Discarded	
8	1997	11	57.0866	2E+09	429272	5408532	DC	Discarded	
8	1998	34	49.5345	2E+09	426917	5407750	DC	Discarded	
8	1999	69	46.1487	2E+09	429093	5408498	DC	Discarded	
8	2000	55	47.2676	2E+09	429414	5408504	DC	Discarded	
9	1996	50	47.9531	2E+09	429272	5408732	DC	Discarded	
9	1997	14	55.8468	2E+09	429102	5408830	DC	Discarded	
9	1998	43	48.7334	2E+09	429102	5408830	DC	Discarded	
9	1999	86	44.9266	2E+09	429272	5408732	DC	Discarded	
9	2000	67	46.2726	2E+09	429102	5408830	DC	Discarded	
10	1996	52	47.5769	2E+09	428564	5407591	DC	Discarded	
10	1997	18	54.3067	2E+09	429414	5408504	DC	Discarded	
10	1998	44	48.6563	2E+09	429425	5408830	DC	Discarded	
10	1999	94	44.2777	2E+09	429272	5408532	DC	Discarded	

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

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10	2000	72	46.01	2E+09	429431	5408490	DC	Discarded
11	1996	57	46.8164	2E+09	429093	5408498	DC	Discarded
11	1997	19	53.9725	2E+09	429272	5408532	DC	Discarded
11	1998	45	48.3316	2E+09	429102	5408830	DC	Discarded
11	2000	80	45.3786	2E+09	429102	5408830	DC	Discarded
12	1996	59	46.6968	2E+09	429102	5408830	DC	
12	1997	23	52.9136	2E+09	429431	5408490	DC	Discarded
12	1998	46	48.272	2E+09	429272	5408732	DC	Discarded
12	2000	82	45.306	2E+09	428564	5407591	DC	Discarded
13	1996	62	46.4892	2E+09	429102	5408830	DC	
13	1997	25	51.3297	2E+09	427720	5407741	DC	Discarded
13	1998	63	46.4804	2E+09	429102	5408830	DC	Discarded
13	2000	83	45.1065	2E+09	429102	5408830	DC	
14	1996	75	45.6333	2E+09	429093	5408498	DC	
14	1997	29	49.7596	2E+09	429272	5408732	DC	Discarded
14	1998	70	46.1294	2E+09	429102	5408830	DC	
14	2000	90	44.4882	2E+09	429272	5408732	DC	
15	1996	77	45.4531	2E+09	429093	5408498	DC	
15	1997	30	49.6934	2E+09	429425	5408830	DC	Discarded
15	1998	71	46.0605	2E+09	429102	5408830	DC	
15	2000	92	44.4214	2E+09	429272	5408732	DC	
16	1996	89	44.573	2E+09	429272	5408732	DC	
16	1997	35	49.302	2E+09	429093	5408498	DC	Discarded
16	1998	73	45.9466	2E+09	429093	5408498	DC	
16	2000	96	44.2122	2E+09	429093	5408498	DC	
17	1996	93	44.3533	2E+09	429093	5408498	DC	
17	1997	40	49.0891	2E+09	427700	5407741	DC	Discarded
17	1998	78	45.4415	2E+09	427718	5407601	DC	
18	1996	98	44.1406	2E+09	429272	5408732	DC	
18	1997	41	48.8777	2E+09	427700	5407741	DC	Discarded
18	1998	81	45.3099	2E+09	429272	5408532	DC	
19	1997	48	48.1384	2E+09	427720	5407741	DC	Highest
19	1998	84	44.9933	2E+09	429272	5408732	DC	
20	1997	49	47.9553	2E+09	427700	5407741	DC	
20	1998	99	44.0729	2E+09	429272	5408532	DC	
21	1997	51	47.6646	2E+09	427720	5407741	DC	
21	1998	100	44.0058	2E+09	429093	5408498	DC	
22	1997	56	46.9062	2E+09	427700	5407741	DC	
23	1997	60	46.6085	2E+09	429425	5408830	DC	
24	1997	61	46.6055	2E+09	427720	5407741	DC	
25	1997	65	46.3389	2E+09	429102	5408830	DC	
26	1997	68	46.2215	2E+09	426068	5407740	DC	
27	1997	74	45.8873	2E+09	429472	5408332	DC	
28	1997	76	45.4919	2E+09	429102	5408830	DC	
29	1997	79	45.3997	2E+09	426917	5407750	DC	
30	1997	85	44.9461	2E+09	427718	5407601	DC	
31	1997	87	44.7055	2E+09	427718	5407601	DC	
32	1997	88	44.6003	2E+09	429414	5408504	DC	
33	1997	91	44.4657	2E+09	429431	5408490	DC	
34	1997	95	44.2599	2E+09	427718	5407601	DC	
35	1997	97	44.2038	2E+09	427720	5407741	DC	

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05
1	1996	5	203.947	2E+09	428809	5413327	DC	Discarded
1	1997	2	239.789	2E+09	426068	5407740	DC	Discarded
1	1998	1	241.46	2E+09	426068	5407740	DC	Discarded
1	1999	4	204.799	2E+09	426068	5407740	DC	Discarded
1	2000	8	187.956	2E+09	426068	5407740	DC	Discarded
2	1996	10	185.91	2E+09	428809	5413327	DC	Discarded
2	1997	3	217.327	2E+09	426068	5407740	DC	Discarded
2	1998	21	173.572	2E+09	426068	5407740	DC	Discarded
2	1999	11	182.709	2E+09	426068	5407740	DC	Discarded
2	2000	9	187.593	2E+09	426068	5407740	DC	Discarded
3	1996	18	176.088	2E+09	428808	5412548	DC	Discarded
3	1997	6	198.958	2E+09	428809	5413327	DC	Discarded
3	1998	26	166.772	2E+09	428809	5413327	DC	Discarded
3	1999	14	178.22	2E+09	424499	5408579	DC	Discarded
3	2000	12	181.765	2E+09	426068	5407740	DC	Discarded
4	1996	35	160.618	2E+09	425276	5407752	DC	Discarded
4	1997	7	191.829	2E+09	424461	5407786	DC	Discarded
4	1998	28	163.034	2E+09	424499	5408579	DC	Discarded
4	1999	20	174.16	2E+09	426068	5407740	DC	Discarded
4	2000	16	177.62	2E+09	426068	5407740	DC	Discarded
5	1996	36	160.617	2E+09	425276	5407752	DC	Discarded
5	1997	13	178.932	2E+09	424499	5408579	DC	Discarded
5	1998	34	160.67	2E+09	424499	5408579	DC	Discarded
5	1999	23	168.592	2E+09	428809	5413327	DC	Discarded
5	2000	24	167.89	2E+09	428808	5412548	DC	Discarded
6	1996	39	159.604	2E+09	424499	5408579	DC	Discarded
6	1997	15	178.184	2E+09	426068	5407740	DC	Discarded
6	1998	40	159.498	2E+09	426068	5407740	DC	Discarded
6	1999	32	162.06	2E+09	424499	5408579	DC	Discarded
6	2000	27	165.372	2E+09	426068	5407740	DC	Discarded
7	1996	41	159.492	2E+09	424499	5408579	DC	Discarded
7	1997	17	176.24	2E+09	424499	5408579	DC	Discarded
7	1998	48	156.313	2E+09	424461	5407786	DC	Discarded
7	1999	53	154.642	2E+09	424499	5408579	DC	Discarded
7	2000	29	162.839	2E+09	424499	5408579	DC	Discarded
8	1996	42	159.48	2E+09	426068	5407740	DC	Discarded
8	1997	19	176.047	2E+09	426068	5407740	DC	Discarded
8	1998	58	153.635	2E+09	424499	5408579	DC	Discarded
8	1999	54	154.639	2E+09	426068	5407740	DC	Discarded
8	2000	30	162.558	2E+09	424499	5408579	DC	Discarded
9	1996	43	159.367	2E+09	424499	5408579	DC	Discarded
9	1997	22	171.154	2E+09	426068	5407740	DC	Highest
9	1998	62	151.176	2E+09	424461	5407786	DC	Discarded
9	1999	57	153.787	2E+09	424499	5408579	DC	Discarded
9	2000	31	162.202	2E+09	424499	5408579	DC	Discarded
10	1996	50	155.439	2E+09	424499	5408579	DC	Discarded
10	1997	25	166.995	2E+09	428808	5412548	DC	Discarded
10	1998	82	146.453	2E+09	425276	5407752	DC	Discarded
10	1999	71	149.335	2E+09	428809	5413327	DC	Discarded

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL \*\*\*

10	2000	33	161.249	2E+09	424499	5408579	DC
11	1996	52	154.65	2E+09	424499	5408579	DC
11	1997	37	160.585	2E+09	424499	5408579	DC
11	1998	85	146.191	2E+09	425245	5406949	DC
11	1999	72	149.228	2E+09	428809	5413327	DC
11	2000	38	159.784	2E+09	426068	5407740	DC
12	1996	60	152.127	2E+09	424499	5408579	DC
12	1997	44	158.918	2E+09	426068	5407740	DC
12	1998	93	144.263	2E+09	428808	5412548	DC
12	1999	76	148.127	2E+09	428809	5413327	DC
12	2000	45	158.54	2E+09	425276	5407752	DC
13	1996	67	149.997	2E+09	428809	5413327	DC
13	1997	46	156.588	2E+09	424499	5408579	DC
13	1998	94	142.762	2E+09	424499	5408579	DC
13	1999	77	147.953	2E+09	428809	5413327	DC
13	2000	47	156.523	2E+09	425276	5407752	DC
14	1996	68	149.848	2E+09	428809	5413327	DC
14	1997	49	155.439	2E+09	424499	5408579	DC
14	1998	95	142.762	2E+09	424499	5408579	DC
14	1999	80	146.723	2E+09	424461	5407786	DC
14	2000	51	155.121	2E+09	424499	5408579	DC
15	1996	69	149.843	2E+09	428809	5413327	DC
15	1997	59	152.558	2E+09	424461	5407786	DC
15	1998	98	141.536	2E+09	424499	5408579	DC
15	1999	89	145.105	2E+09	424461	5407786	DC
15	2000	55	154.233	2E+09	429614	5413326	DC
16	1996	70	149.531	2E+09	428809	5413327	DC
16	1997	65	150.34	2E+09	424499	5408579	DC
16	1998	99	141.367	2E+09	426068	5407740	DC
16	2000	56	153.936	2E+09	425276	5407752	DC
17	1996	73	148.714	2E+09	425245	5406949	DC
17	1997	66	150.191	2E+09	427718	5407601	DC
17	2000	61	151.73	2E+09	428808	5412548	DC
18	1996	74	148.713	2E+09	425245	5406949	DC
18	1997	78	147.755	2E+09	428809	5413327	DC
18	2000	63	151.075	2E+09	424461	5407786	DC
19	1996	75	148.307	2E+09	429628	5414138	DC
19	1997	84	146.231	2E+09	425276	5407752	DC
19	2000	64	150.389	2E+09	424461	5407786	DC
20	1996	81	146.569	2E+09	429425	5408830	DC
20	1997	86	145.916	2E+09	425245	5406949	DC
20	2000	79	146.934	2E+09	424461	5407786	DC
21	1996	90	144.746	2E+09	425276	5407752	DC
21	1997	87	145.293	2E+09	425276	5407752	DC
21	2000	83	146.402	2E+09	425276	5407752	DC
22	1996	96	142.584	2E+09	424499	5408579	DC
22	1997	88	145.232	2E+09	425245	5406949	DC
22	2000	91	144.658	2E+09	428808	5412548	DC
23	1996	97	142.019	2E+09	428808	5412548	DC
23	2000	92	144.419	2E+09	425245	5406949	DC
24	1996	100	141.194	2E+09	424499	5408579	DC

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLAST \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1997	2	68.0133	2E+09	426068	5407740	DC	Discarded	68.4891
1	1998	1	68.4891	2E+09	426068	5407740	DC	Discarded	
1	1999	25	59.9521	2E+09	425992	5407696	DC	Discarded	
1	2000	4	66.0143	2E+09	426288	5407600	DC	Discarded	
2	1997	5	65.8621	2E+09	426091	5407600	DC	Discarded	
2	1998	3	66.4079	2E+09	426091	5407600	DC	Discarded	
2	1999	36	58.0936	2E+09	426068	5407740	DC	Discarded	
2	2000	6	65.6988	2E+09	426288	5407696	DC	Discarded	
3	1997	8	65.6317	2E+09	426189	5407696	DC	Discarded	
3	1998	10	64.6861	2E+09	426091	5407696	DC	Discarded	
3	1999	41	56.6159	2E+09	426091	5407600	DC	Discarded	
3	2000	7	65.6559	2E+09	426189	5407696	DC	Discarded	
4	1997	9	64.7479	2E+09	425794	5407696	DC	Discarded	
4	1998	19	61.5937	2E+09	426091	5407504	DC	Discarded	
4	1999	48	54.9152	2E+09	426091	5407504	DC	Discarded	
4	2000	11	64.5566	2E+09	426189	5407600	DC	Discarded	
5	1997	12	64.5119	2E+09	426189	5407600	DC	Discarded	
5	1998	29	58.8949	2E+09	426128	5407693	DC	Discarded	
5	1999	60	54.0048	2E+09	425992	5407600	DC	Discarded	
5	2000	16	62.1555	2E+09	426288	5407504	DC	Discarded	
6	1997	13	64.2803	2E+09	426091	5407696	DC	Discarded	
6	1998	45	55.7806	2E+09	426091	5407408	DC	Discarded	
6	1999	88	52.7931	2E+09	426091	5407696	DC	Discarded	
6	2000	20	61.3284	2E+09	426128	5407693	DC	Discarded	
7	1997	14	63.3676	2E+09	425794	5407600	DC	Discarded	
7	1998	55	54.4084	2E+09	426387	5407696	DC	Discarded	
7	1999	93	52.349	2E+09	426091	5407408	DC	Discarded	
7	2000	24	60.7302	2E+09	426189	5407504	DC	Discarded	
8	1997	15	63.083	2E+09	426387	5407696	DC	Discarded	
8	1998	57	54.3664	2E+09	426189	5407216	DC	Discarded	
8	1999	97	52.1454	2E+09	424380	5408573	DC	Discarded	
8	2000	27	59.3438	2E+09	426189	5407696	DC	Discarded	
9	1997	17	61.6685	2E+09	425992	5407696	DC	Discarded	
9	1998	58	54.1976	2E+09	426189	5407408	DC	Discarded	
9	2000	30	58.8789	2E+09	426189	5407696	DC	Discarded	
10	1997	18	61.6382	2E+09	426068	5407740	DC	Discarded	
10	1998	61	53.9986	2E+09	425992	5407696	DC	Discarded	
10	2000	35	58.1819	2E+09	426189	5407600	DC	Discarded	
11	1997	21	61.2521	2E+09	426128	5407693	DC	Discarded	
11	1998	71	53.6133	2E+09	426189	5407119	DC	Discarded	
11	2000	40	56.6534	2E+09	426128	5407693	DC	Discarded	
12	1997	22	60.8444	2E+09	426091	5407504	DC	Discarded	
12	1998	74	53.592	2E+09	426189	5407312	DC	Discarded	
12	2000	50	54.6722	2E+09	425992	5407696	DC	Discarded	
13	1997	23	60.779	2E+09	426189	5407504	DC	Discarded	
13	1998	76	53.5015	2E+09	426189	5407504	DC	Discarded	
13	2000	53	54.5342	2E+09	426387	5407216	DC	Discarded	
14	1997	26	59.8005	2E+09	425794	5407504	DC	Discarded	
14	1998	94	52.3014	2E+09	425992	5407696	DC	Discarded	



\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLAST \*\*\*

14	2000	59	54.0842	2E+09	426288	5407408	DC	Discarded
15	1997	28	59.085	2E+09	426387	5407600	DC	Discarded
15	2000	64	53.8355	2E+09	426189	5407504	DC	Discarded
16	1997	31	58.8539	2E+09	426091	5407696	DC	Discarded
16	2000	66	53.7543	2E+09	426387	5407408	DC	Discarded
17	1997	32	58.6191	2E+09	426091	5407600	DC	Discarded
17	2000	68	53.6759	2E+09	426189	5407408	DC	Discarded
18	1997	33	58.6031	2E+09	425992	5407600	DC	Discarded
18	2000	80	53.2972	2E+09	426288	5407216	DC	Discarded
19	1997	34	58.4877	2E+09	426128	5407693	DC	Discarded
19	2000	81	53.2938	2E+09	426068	5407740	DC	Discarded
20	1997	37	56.8274	2E+09	425696	5407696	DC	Discarded
20	2000	82	53.1992	2E+09	426068	5407740	DC	Discarded
21	1997	38	56.783	2E+09	425992	5407600	DC	Discarded
21	2000	92	52.3616	2E+09	426387	5407504	DC	Discarded
22	1997	39	56.6856	2E+09	425992	5407696	DC	Discarded
22	2000	99	52.085	2E+09	426387	5407119	DC	Discarded
23	1997	42	56.3297	2E+09	424413	5407600	DC	Highest
24	1997	43	56.266	2E+09	425893	5407696	DC	
25	1997	44	56.1019	2E+09	425696	5407696	DC	
26	1997	46	55.1129	2E+09	425696	5407600	DC	
27	1997	47	55.0471	2E+09	426091	5407408	DC	
28	1997	49	54.7038	2E+09	425794	5407408	DC	
29	1997	51	54.6044	2E+09	424314	5407696	DC	
30	1997	52	54.5476	2E+09	426485	5407504	DC	
31	1997	54	54.4113	2E+09	424461	5407786	DC	
32	1997	56	54.3891	2E+09	425696	5407600	DC	
33	1997	62	53.896	2E+09	426485	5407696	DC	
34	1997	63	53.8385	2E+09	424216	5407600	DC	
35	1997	65	53.7905	2E+09	426189	5407408	DC	
36	1997	67	53.6779	2E+09	426189	5407216	DC	
37	1997	69	53.6614	2E+09	425992	5407504	DC	
38	1997	70	53.6325	2E+09	424413	5407504	DC	
39	1997	72	53.6081	2E+09	426128	5407693	DC	
40	1997	73	53.601	2E+09	426485	5407600	DC	
41	1997	75	53.5248	2E+09	425992	5407696	DC	
42	1997	77	53.4878	2E+09	426189	5407408	DC	
43	1997	78	53.4824	2E+09	425628	5407693	DC	
44	1997	79	53.3415	2E+09	426288	5407216	DC	
45	1997	83	53.006	2E+09	426189	5407119	DC	
46	1997	84	52.9286	2E+09	426189	5407504	DC	
47	1997	85	52.8834	2E+09	425992	5407504	DC	
48	1997	86	52.8699	2E+09	424413	5407696	DC	
49	1997	87	52.8331	2E+09	426189	5407312	DC	
50	1997	89	52.773	2E+09	426091	5407504	DC	
51	1997	90	52.6799	2E+09	425628	5407693	DC	
52	1997	91	52.448	2E+09	425696	5407696	DC	
53	1997	95	52.2727	2E+09	425794	5407216	DC	
54	1997	96	52.1981	2E+09	425794	5407312	DC	
55	1997	98	52.0942	2E+09	426288	5407408	DC	
56	1997	100	51.9716	2E+09	424380	5408573	DC	

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EMRSS \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1997	1	31.5242	2E+09	424430	5408573	DC	Discarded	31.5242
1	1998	2	31.4913	2E+09	423899	5408273	DC	Discarded	
1	2000	16	30.9877	2E+09	424499	5408579	DC	Discarded	
2	1997	3	31.4309	2E+09	424430	5408523	DC	Discarded	
2	1998	12	31.0421	2E+09	424380	5408573	DC	Discarded	
2	2000	18	30.9269	2E+09	424480	5408573	DC	Discarded	
3	1997	4	31.4283	2E+09	424480	5408573	DC	Discarded	
3	1998	13	31.0396	2E+09	423928	5408193	DC	Discarded	
3	2000	27	30.7671	2E+09	424480	5408523	DC	Discarded	
4	1997	5	31.2461	2E+09	424499	5408579	DC	Discarded	
4	1998	15	31.011	2E+09	423919	5408177	DC	Discarded	
4	2000	46	30.5357	2E+09	424480	5408473	DC	Discarded	
5	1997	6	31.2409	2E+09	424430	5408423	DC	Discarded	
5	1998	19	30.9074	2E+09	423995	5408372	DC	Discarded	
5	2000	51	30.4445	2E+09	424480	5408423	DC	Discarded	
6	1997	7	31.2299	2E+09	424430	5408473	DC	Discarded	
6	1998	22	30.8106	2E+09	424380	5408523	DC	Discarded	
6	2000	56	30.3839	2E+09	424430	5408423	DC	Discarded	
7	1997	8	31.1664	2E+09	424380	5408373	DC	Discarded	
7	1998	25	30.783	2E+09	423995	5408471	DC	Discarded	
7	2000	58	30.3525	2E+09	424430	5408523	DC	Discarded	
8	1997	9	31.1488	2E+09	424480	5408523	DC	Discarded	
8	1998	30	30.7209	2E+09	423928	5408393	DC	Discarded	
8	2000	60	30.3373	2E+09	424430	5408573	DC	Discarded	
9	1997	10	31.145	2E+09	423899	5408273	DC	Discarded	
9	1998	36	30.6378	2E+09	423899	5408372	DC	Discarded	
9	2000	65	30.2689	2E+09	424430	5408473	DC	Discarded	
10	1997	11	31.0602	2E+09	424380	5408273	DC	Discarded	
10	1998	41	30.5832	2E+09	424092	5408569	DC	Discarded	
10	2000	68	30.2004	2E+09	424499	5408579	DC	Discarded	
11	1997	14	31.0225	2E+09	424380	5408423	DC	Discarded	
11	1998	43	30.5675	2E+09	423995	5408273	DC	Discarded	
11	2000	72	30.1059	2E+09	424430	5408273	DC	Discarded	
12	1997	17	30.9385	2E+09	424380	5408323	DC	Discarded	
12	1998	48	30.5181	2E+09	424328	5408393	DC	Discarded	
12	2000	74	30.1024	2E+09	424430	5408323	DC	Discarded	
13	1997	20	30.8697	2E+09	424380	5408523	DC	Discarded	
13	1998	50	30.4671	2E+09	424284	5408372	DC	Discarded	
13	2000	75	30.079	2E+09	424430	5408373	DC	Discarded	
14	1997	21	30.8375	2E+09	424380	5408473	DC	Discarded	
14	1998	52	30.4436	2E+09	424380	5408473	DC	Discarded	
14	2000	77	30.0501	2E+09	424413	5408177	DC	Discarded	
15	1997	23	30.8049	2E+09	424430	5408373	DC	Discarded	
15	1998	54	30.4208	2E+09	424430	5408573	DC	Discarded	
15	2000	79	30.0216	2E+09	424480	5408373	DC	Discarded	
16	1997	24	30.7933	2E+09	424480	5408473	DC	Discarded	
16	1998	55	30.3902	2E+09	424284	5408273	DC	Discarded	
16	2000	86	29.8883	2E+09	424480	5408423	DC	Discarded	
17	1997	26	30.7685	2E+09	424380	5408573	DC	Discarded	
17	1998	64	30.2817	2E+09	424380	5408423	DC	Discarded	
17	2000	90	29.8672	2E+09	424413	5408081	DC	Discarded	
18	1997	28	30.7467	2E+09	424328	5408193	DC	Discarded	
18	1998	71	30.1179	2E+09	424092	5408471	DC	Discarded	

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EMRSS \*\*\*

18	2000	93	29.8245	2E+09	424380	5408273	DC	Discarded
19	1997	29	30.7261	2E+09	423803	5408372	DC	Discarded
19	1998	73	30.1024	2E+09	424284	5408471	DC	Discarded
19	2000	96	29.792	2E+09	424480	5408323	DC	Discarded
20	1997	31	30.7169	2E+09	424430	5408323	DC	Discarded
20	1998	76	30.0736	2E+09	424380	5408373	DC	Discarded
21	1997	32	30.6922	2E+09	423928	5408193	DC	Discarded
21	1998	81	29.994	2E+09	424430	5408523	DC	Discarded
22	1997	33	30.6905	2E+09	423707	5408569	DC	Discarded
22	1998	83	29.9799	2E+09	423995	5408569	DC	Discarded
23	1997	34	30.6852	2E+09	423707	5408471	DC	Discarded
23	1998	84	29.9761	2E+09	423821	5408177	DC	Discarded
24	1997	35	30.659	2E+09	423919	5408177	DC	Discarded
24	1998	85	29.8889	2E+09	424314	5408177	DC	Discarded
25	1997	37	30.6218	2E+09	423995	5408372	DC	Discarded
25	1998	88	29.8721	2E+09	423919	5408081	DC	Discarded
26	1997	38	30.6084	2E+09	424430	5408273	DC	Discarded
26	1998	89	29.8673	2E+09	424328	5408193	DC	Discarded
27	1997	39	30.5879	2E+09	424413	5408177	DC	Discarded
27	1998	91	29.8523	2E+09	423821	5408081	DC	Discarded
28	1997	40	30.5837	2E+09	424480	5408423	DC	Discarded
28	1998	92	29.8443	2E+09	424284	5408569	DC	Discarded
29	1997	42	30.5761	2E+09	424314	5408081	DC	Discarded
30	1997	44	30.5477	2E+09	423707	5408372	DC	Discarded
31	1997	45	30.5406	2E+09	423515	5408569	DC	Discarded
32	1997	47	30.5249	2E+09	423995	5408471	DC	Discarded
33	1997	49	30.4763	2E+09	424314	5408177	DC	Discarded
34	1997	53	30.4323	2E+09	423928	5408393	DC	Discarded
35	1997	57	30.3554	2E+09	424092	5408569	DC	Discarded
36	1997	59	30.3402	2E+09	423803	5408273	DC	Discarded
37	1997	61	30.3347	2E+09	423899	5408372	DC	Discarded
38	1997	62	30.3013	2E+09	424314	5407985	DC	Discarded
39	1997	63	30.2998	2E+09	423728	5408393	DC	Discarded
40	1997	66	30.2596	2E+09	423995	5408273	DC	Discarded
41	1997	67	30.2231	2E+09	423611	5408372	DC	Discarded
42	1997	69	30.1791	2E+09	424413	5408081	DC	Discarded
43	1997	70	30.1391	2E+09	423803	5408569	DC	Discarded
44	1997	78	30.0318	2E+09	424480	5408373	DC	Discarded
45	1997	80	30.0114	2E+09	423611	5408273	DC	Discarded
46	1997	82	29.9881	2E+09	424328	5408393	DC	Discarded
47	1997	87	29.8744	2E+09	424092	5408471	DC	Discarded
48	1997	94	29.822	2E+09	423899	5408471	DC	Discarded
49	1997	95	29.7968	2E+09	424314	5407889	DC	Discarded
50	1997	97	29.7752	2E+09	423611	5408569	DC	Discarded
51	1997	98	29.7678	2E+09	423899	5408569	DC	Discarded
52	1997	99	29.757	2E+09	423899	5408372	DC	Discarded
53	1997	100	29.752	2E+09	423995	5408569	DC	Discarded

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EOUTCR \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	1	38.5641	2E+09	429102	5408830	DC	Discarded	38.5641
1	1997	5	35.1951	2E+09	426917	5407750	DC	Discarded	
1	1998	4	35.2394	2E+09	429102	5408830	DC	Discarded	
1	1999	2	36.842	2E+09	426917	5407750	DC	Discarded	
1	2000	3	35.884	2E+09	429102	5408830	DC	Discarded	
2	1996	6	34.5931	2E+09	429272	5408732	DC	Discarded	
2	1997	7	34.54	2E+09	426917	5407750	DC	Discarded	
2	1998	8	34.3342	2E+09	426917	5407750	DC	Discarded	
2	1999	12	33.8343	2E+09	429102	5408830	DC	Discarded	
2	2000	16	33.1221	2E+09	429102	5408830	DC	Discarded	
3	1996	11	34.0616	2E+09	426917	5407750	DC	Discarded	
3	1997	9	34.1651	2E+09	429102	5408830	DC	Discarded	
3	1998	31	30.521	2E+09	427720	5407741	DC	Discarded	
3	1999	14	33.7343	2E+09	427700	5407741	DC	Discarded	
3	2000	29	30.6735	2E+09	429272	5408732	DC	Discarded	
4	1996	68	28.0187	2E+09	426068	5407740	DC	Discarded	
4	1997	10	34.072	2E+09	427720	5407741	DC	Discarded	
4	1998	33	30.2929	2E+09	426068	5407740	DC	Discarded	
4	1999	18	32.9739	2E+09	427720	5407741	DC	Discarded	
4	2000	32	30.327	2E+09	429425	5408830	DC	Discarded	
5	1996	83	27.4139	2E+09	429425	5408830	DC	Discarded	
5	1997	13	33.8164	2E+09	429093	5408498	DC	Discarded	
5	1998	35	30.1169	2E+09	426068	5407740	DC	Discarded	
5	1999	23	32.1232	2E+09	427718	5407601	DC	Discarded	
5	2000	34	30.2862	2E+09	426068	5407740	DC	Discarded	
6	1996	86	27.3395	2E+09	426068	5407740	DC	Discarded	
6	1997	15	33.5925	2E+09	427700	5407741	DC	Discarded	
6	1998	36	29.9924	2E+09	426068	5407740	DC	Discarded	
6	1999	27	31.1172	2E+09	429425	5408830	DC	Discarded	
6	2000	38	29.9629	2E+09	426068	5407740	DC	Discarded	
7	1996	88	27.3259	2E+09	426917	5407750	DC	Discarded	
7	1997	17	33.0986	2E+09	426068	5407740	DC	Discarded	
7	1998	39	29.7771	2E+09	429425	5408830	DC	Discarded	
7	1999	37	29.9782	2E+09	426917	5407750	DC	Discarded	
7	2000	40	29.7612	2E+09	429272	5408732	DC	Discarded	
8	1996	91	27.2667	2E+09	429093	5408498	DC	Discarded	
8	1997	19	32.8457	2E+09	429093	5408498	DC	Discarded	
8	1998	51	29.2931	2E+09	429272	5408732	DC	Discarded	
8	1999	43	29.6435	2E+09	426068	5407740	DC	Discarded	
8	2000	41	29.7011	2E+09	429093	5408498	DC	Discarded	
9	1996	94	27.0623	2E+09	429102	5408830	DC	Discarded	
9	1997	20	32.6243	2E+09	426917	5407750	DC	Discarded	
9	1998	53	29.1629	2E+09	426068	5407740	DC	Discarded	
9	1999	49	29.3568	2E+09	426917	5407750	DC	Discarded	
9	2000	47	29.406	2E+09	429102	5408830	DC	Discarded	
10	1997	21	32.6033	2E+09	427700	5407741	DC	Highest	
10	1998	55	29.0918	2E+09	429272	5408532	DC	Discarded	
10	1999	59	28.5924	2E+09	426917	5407750	DC	Discarded	
10	2000	48	29.3911	2E+09	429102	5408830	DC	Discarded	

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EOUTCR \*\*\*

11	1997	22	32.2693	2E+09	427718	5407601	DC	
11	1998	56	29.0653	2E+09	429093	5408498	DC	Discarded
11	1999	63	28.4797	2E+09	426068	5407740	DC	Discarded
11	2000	52	29.2016	2E+09	429425	5408830	DC	Discarded
12	1997	24	32.035	2E+09	426068	5407740	DC	
12	1998	58	28.9822	2E+09	427700	5407741	DC	Discarded
12	1999	73	27.8239	2E+09	427700	5407741	DC	
12	2000	54	29.109	2E+09	426068	5407740	DC	Discarded
13	1997	25	31.2531	2E+09	427720	5407741	DC	
13	1998	66	28.2509	2E+09	426917	5407750	DC	
13	1999	75	27.7421	2E+09	427720	5407741	DC	
13	2000	61	28.5272	2E+09	426917	5407750	DC	
14	1997	26	31.2363	2E+09	429093	5408498	DC	
14	1998	90	27.3052	2E+09	429093	5408498	DC	
14	1999	76	27.7222	2E+09	427700	5407741	DC	
14	2000	67	28.0397	2E+09	426917	5407750	DC	
15	1997	28	31.0549	2E+09	429272	5408532	DC	
15	1998	93	27.1852	2E+09	426068	5407740	DC	
15	1999	79	27.6401	2E+09	427720	5407741	DC	
15	2000	69	27.9436	2E+09	427700	5407741	DC	
16	1997	30	30.5775	2E+09	429272	5408732	DC	
16	1998	95	27.043	2E+09	429093	5408498	DC	
16	1999	81	27.4914	2E+09	426068	5407740	DC	
16	2000	70	27.9239	2E+09	426068	5407740	DC	
17	1997	42	29.6781	2E+09	427718	5407601	DC	
17	1998	100	26.9004	2E+09	426068	5407740	DC	
17	1999	85	27.3519	2E+09	427720	5407741	DC	
17	2000	71	27.8606	2E+09	427720	5407741	DC	
18	1997	44	29.5661	2E+09	429102	5408830	DC	
18	1999	96	27.0021	2E+09	427700	5407741	DC	
18	2000	74	27.7496	2E+09	429102	5408830	DC	
19	1997	45	29.5359	2E+09	426068	5407740	DC	
19	1999	97	26.995	2E+09	429425	5408830	DC	
19	2000	77	27.7221	2E+09	426917	5407750	DC	
20	1997	46	29.4345	2E+09	426068	5407740	DC	
20	1999	99	26.932	2E+09	426068	5407740	DC	
20	2000	78	27.6805	2E+09	429102	5408830	DC	
21	1997	50	29.2973	2E+09	426917	5407750	DC	
21	2000	98	26.9876	2E+09	426917	5407750	DC	
22	1997	57	29.0625	2E+09	426068	5407740	DC	
23	1997	60	28.5912	2E+09	427700	5407741	DC	
24	1997	62	28.4868	2E+09	427720	5407741	DC	
25	1997	64	28.3269	2E+09	426917	5407750	DC	
26	1997	65	28.3153	2E+09	425276	5407752	DC	
27	1997	72	27.8271	2E+09	426917	5407750	DC	
28	1997	80	27.5008	2E+09	429102	5408830	DC	
29	1997	82	27.4509	2E+09	429414	5408504	DC	
30	1997	84	27.3716	2E+09	429093	5408498	DC	
31	1997	87	27.3328	2E+09	426917	5407750	DC	
32	1997	89	27.3098	2E+09	429431	5408490	DC	
33	1997	92	27.221	2E+09	428564	5407591	DC	

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HCND1 \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	Max	35.4341
1	1996	14	28.1121	2E+09	428808	5412548	DC	Discarded		
1	1997	4	32.6555	2E+09	426272	5414932	DC	Discarded		
1	1998	3	32.6658	2E+09	426272	5414932	DC	Discarded		
1	1999	1	35.4341	2E+09	426272	5414932	DC	Discarded		
1	2000	2	32.7546	2E+09	426068	5407740	DC	Discarded		
2	1996	15	28.0267	2E+09	424792	5414601	DC	Discarded		
2	1997	7	29.1447	2E+09	428809	5413327	DC	Discarded		
2	1998	5	31.8626	2E+09	426272	5414932	DC	Discarded		
2	1999	11	28.4776	2E+09	424798	5414204	DC	Discarded		
2	2000	6	31.6675	2E+09	426272	5414932	DC	Discarded		
3	1996	21	27.5517	2E+09	428564	5407591	DC	Discarded		
3	1997	9	28.9326	2E+09	426917	5407750	DC	Discarded		
3	1998	8	28.9467	2E+09	426272	5414932	DC	Discarded		
3	1999	16	27.8224	2E+09	430381	5410114	DC	Discarded		
3	2000	10	28.5725	2E+09	428808	5412548	DC	Discarded		
4	1996	23	27.5048	2E+09	428809	5413327	DC	Discarded		
4	1997	18	27.8069	2E+09	429272	5408532	DC	Discarded		
4	1998	12	28.3563	2E+09	426272	5414932	DC	Discarded		
4	1999	25	27.342	2E+09	428809	5413327	DC	Discarded		
4	2000	13	28.3342	2E+09	424798	5414204	DC	Discarded		
5	1996	33	27.004	2E+09	426068	5407740	DC	Discarded		
5	1997	28	27.1426	2E+09	427720	5407741	DC	Discarded		
5	1998	19	27.6462	2E+09	424792	5414601	DC	Discarded		
5	1999	27	27.1891	2E+09	429093	5408498	DC	Discarded		
5	2000	17	27.8186	2E+09	424792	5414601	DC	Discarded		
6	1996	36	26.8256	2E+09	428809	5413327	DC	Discarded		
6	1997	29	27.1034	2E+09	426068	5407740	DC	Discarded		
6	1998	22	27.533	2E+09	424798	5414204	DC	Discarded		
6	1999	30	27.0993	2E+09	425276	5407752	DC	Discarded		
6	2000	20	27.6265	2E+09	426068	5407740	DC	Discarded		
7	1996	38	26.7954	2E+09	428808	5412548	DC	Discarded		
7	1997	35	26.8828	2E+09	429472	5408332	DC	Discarded		
7	1998	24	27.4915	2E+09	428817	5414150	DC	Discarded		
7	1999	31	27.0916	2E+09	429093	5408498	DC	Discarded		
7	2000	34	26.9351	2E+09	424499	5408579	DC	Discarded		
8	1996	42	26.6935	2E+09	424792	5414601	DC	Discarded		
8	1997	41	26.7031	2E+09	424798	5414204	DC	Discarded		
8	1998	26	27.2982	2E+09	428817	5414150	DC	Discarded		
8	1999	81	24.9753	2E+09	429425	5408830	DC	Discarded		
8	2000	37	26.8031	2E+09	428808	5412548	DC	Discarded		
9	1996	44	26.6	2E+09	425276	5407752	DC			
9	1997	51	26.3113	2E+09	428808	5412548	DC	Discarded		
9	1998	32	27.0713	2E+09	428808	5412548	DC	Highest		
9	1999	86	24.8075	2E+09	429425	5408830	DC			
9	2000	43	26.6863	2E+09	428808	5412548	DC			
10	1996	48	26.4258	2E+09	428809	5413327	DC			
10	1997	60	25.8662	2E+09	424798	5414204	DC			
10	1998	39	26.7915	2E+09	428809	5413327	DC			
10	1999	94	24.513	2E+09	428809	5413327	DC			
10	2000	50	26.362	2E+09	428808	5412548	DC			
11	1996	49	26.4117	2E+09	426068	5407740	DC			
11	1997	66	25.698	2E+09	426272	5414932	DC			
11	1998	40	26.7319	2E+09	427272	5415932	DC			
11	1999	95	24.5068	2E+09	428809	5413327	DC			
11	2000	55	26.1754	2E+09	428809	5413327	DC			
12	1996	52	26.2737	2E+09	429425	5408830	DC			
12	1997	67	25.6971	2E+09	427720	5407741	DC			

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HCND1 \*\*\*

12	1998	45	26.5844	2E+09	424499	5408579	DC
12	1999	96	24.4906	2E+09	427700	5407741	DC
12	2000	57	26.0612	2E+09	429614	5413326	DC
13	1996	53	26.1823	2E+09	429093	5408498	DC
13	1997	68	25.6264	2E+09	427700	5407741	DC
13	1998	46	26.5596	2E+09	424792	5414601	DC
13	1999	99	24.4592	2E+09	427718	5407601	DC
13	2000	63	25.7943	2E+09	426068	5407740	DC
14	1996	54	26.1805	2E+09	429093	5408498	DC
14	1997	69	25.5813	2E+09	429628	5414138	DC
14	1998	47	26.5229	2E+09	426272	5415932	DC
14	1999	100	24.3575	2E+09	427700	5407741	DC
14	2000	64	25.7803	2E+09	430381	5410114	DC
15	1996	72	25.493	2E+09	428809	5413327	DC
15	1997	70	25.5364	2E+09	427700	5407741	DC
15	1998	56	26.0666	2E+09	427720	5407741	DC
15	2000	65	25.7022	2E+09	428564	5407591	DC
16	1996	85	24.8363	2E+09	429628	5414138	DC
16	1997	71	25.5093	2E+09	429672	5408132	DC
16	1998	58	25.9709	2E+09	426272	5414932	DC
16	2000	79	25.0826	2E+09	428808	5412548	DC
17	1996	88	24.7617	2E+09	429872	5408332	DC
17	1997	77	25.3226	2E+09	425276	5407752	DC
17	1998	59	25.9195	2E+09	427272	5415932	DC
17	2000	98	24.4827	2E+09	429614	5413326	DC
18	1996	89	24.7162	2E+09	427720	5407741	DC
18	1997	80	25.0007	2E+09	429414	5408504	DC
18	1998	61	25.8489	2E+09	424798	5414204	DC
19	1996	93	24.5173	2E+09	424461	5407786	DC
19	1997	82	24.9362	2E+09	424798	5414204	DC
19	1998	62	25.8038	2E+09	427272	5415932	DC
20	1997	84	24.8488	2E+09	428817	5414150	DC
20	1998	73	25.474	2E+09	425276	5407752	DC
21	1997	87	24.7835	2E+09	429431	5408490	DC
21	1998	74	25.4615	2E+09	426917	5407750	DC
22	1997	90	24.697	2E+09	428817	5414150	DC
22	1998	75	25.4521	2E+09	424798	5414204	DC
23	1997	91	24.5742	2E+09	428809	5413327	DC
23	1998	76	25.3991	2E+09	426917	5407750	DC
24	1997	97	24.4841	2E+09	428809	5413327	DC
24	1998	78	25.2935	2E+09	427272	5415932	DC
25	1998	83	24.9114	2E+09	429425	5408830	DC
26	1998	92	24.541	2E+09	427700	5407741	DC

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HCND2 \*\*\*

RANK BY ' YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05
1 1996	11	28.3514	2E+09	428808	5412548	DC	Discarded
1 1997	3	30.4217	2E+09	426917	5407750	DC	Discarded
1 1998	5	29.9208	2E+09	426272	5414932	DC	Discarded
1 1999	2	32.2346	2E+09	426272	5414932	DC	Discarded
1 2000	1	34.2224	2E+09	426068	5407740	DC	Discarded
2 1996	16	27.9427	2E+09	426068	5407740	DC	Discarded
2 1997	6	29.8989	2E+09	426272	5414932	DC	Discarded
2 1998	7	29.6904	2E+09	426272	5414932	DC	Discarded
2 1999	12	28.301	2E+09	425276	5407752	DC	Discarded
2 2000	4	30.2285	2E+09	428808	5412548	DC	Discarded
3 1996	17	27.765	2E+09	425276	5407752	DC	Discarded
3 1997	10	28.3846	2E+09	427720	5407741	DC	Discarded
3 1998	15	28.0357	2E+09	426272	5414932	DC	Discarded
3 1999	24	26.7559	2E+09	428809	5413327	DC	Discarded
3 2000	8	28.9352	2E+09	426272	5414932	DC	Discarded
4 1996	18	27.4663	2E+09	428564	5407591	DC	Discarded
4 1997	13	28.2342	2E+09	428809	5413327	DC	Discarded
4 1998	19	27.4238	2E+09	428808	5412548	DC	Discarded
4 1999	29	26.5928	2E+09	424798	5414204	DC	Discarded
4 2000	9	28.7329	2E+09	426068	5407740	DC	Discarded
5 1996	20	27.3998	2E+09	426068	5407740	DC	Discarded
5 1997	14	28.1216	2E+09	426068	5407740	DC	Discarded
5 1998	22	27.2119	2E+09	427720	5407741	DC	Discarded
5 1999	58	25.4583	2E+09	429093	5408498	DC	Discarded
5 2000	21	27.313	2E+09	428808	5412548	DC	Discarded
6 1996	23	27.1607	2E+09	428808	5412548	DC	Discarded
6 1997	25	26.7034	2E+09	427720	5407741	DC	Discarded
6 1998	28	26.6076	2E+09	426917	5407750	DC	Discarded
6 1999	59	25.3465	2E+09	427718	5407601	DC	Discarded
6 2000	30	26.5812	2E+09	428808	5412548	DC	Discarded
7 1996	35	26.4258	2E+09	428809	5413327	DC	Discarded
7 1997	26	26.6874	2E+09	427700	5407741	DC	Discarded
7 1998	32	26.5313	2E+09	426917	5407750	DC	Discarded
7 1999	62	25.2904	2E+09	429093	5408498	DC	Discarded
7 2000	33	26.4892	2E+09	426068	5407740	DC	Discarded
8 1996	40	26.1465	2E+09	424792	5414601	DC	Discarded
8 1997	27	26.6439	2E+09	427700	5407741	DC	Discarded
8 1998	38	26.2907	2E+09	426272	5414932	DC	Discarded
8 1999	65	25.232	2E+09	427700	5407741	DC	Discarded
8 2000	36	26.4052	2E+09	424798	5414204	DC	Discarded
9 1996	44	25.9803	2E+09	428809	5413327	DC	Discarded
9 1997	31	26.5406	2E+09	428808	5412548	DC	Discarded
9 1998	39	26.2165	2E+09	425276	5407752	DC	Discarded
9 1999	68	25.1825	2E+09	427718	5407601	DC	Discarded
9 2000	37	26.3962	2E+09	424499	5408579	DC	Highest
10 1996	45	25.9153	2E+09	428809	5413327	DC	Discarded
10 1997	34	26.4604	2E+09	429272	5408532	DC	Discarded
10 1998	47	25.8771	2E+09	424792	5414601	DC	Discarded
10 1999	70	25.0902	2E+09	427700	5407741	DC	Discarded



\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HCND2 \*\*\*

10	2000	41	26.0635	2E+09	429614	5413326	DC
11	1996	49	25.7753	2E+09	427720	5407741	DC
11	1997	42	26.0538	2E+09	425276	5407752	DC
11	1998	48	25.8733	2E+09	428809	5413327	DC
11	1999	82	24.4387	2E+09	426917	5407750	DC
11	2000	43	26.0487	2E+09	424792	5414601	DC
12	1996	60	25.3226	2E+09	429093	5408498	DC
12	1997	50	25.7003	2E+09	429472	5408332	DC
12	1998	51	25.6991	2E+09	424798	5414204	DC
12	1999	86	24.3271	2E+09	430381	5410114	DC
12	2000	46	25.8789	2E+09	428808	5412548	DC
13	1996	61	25.3217	2E+09	429093	5408498	DC
13	1997	71	25.064	2E+09	424798	5414204	DC
13	1998	54	25.5964	2E+09	430407	5412512	DC
13	1999	88	24.2928	2E+09	429614	5413326	DC
13	2000	52	25.6319	2E+09	428564	5407591	DC
14	1996	72	25.0199	2E+09	428809	5413327	DC
14	1997	73	24.9808	2E+09	429628	5414138	DC
14	1998	55	25.5623	2E+09	427700	5407741	DC
14	1999	90	24.2775	2E+09	428809	5413327	DC
14	2000	53	25.6271	2E+09	428809	5413327	DC
15	1996	76	24.8582	2E+09	424792	5414601	DC
15	1997	74	24.8992	2E+09	427718	5407601	DC
15	1998	57	25.5072	2E+09	430407	5412512	DC
15	1999	92	24.2735	2E+09	428809	5413327	DC
15	2000	56	25.5547	2E+09	428808	5412548	DC
16	1996	77	24.7848	2E+09	424461	5407786	DC
16	1997	78	24.6222	2E+09	425276	5407752	DC
16	1998	63	25.2745	2E+09	428817	5414150	DC
16	1999	99	24.1585	2E+09	429614	5413326	DC
16	2000	91	24.2772	2E+09	427718	5407601	DC
17	1996	85	24.3298	2E+09	427700	5407741	DC
17	1997	80	24.5434	2E+09	424461	5407786	DC
17	1998	64	25.2428	2E+09	424499	5408579	DC
17	2000	94	24.2584	2E+09	430381	5410114	DC
18	1996	98	24.2007	2E+09	430407	5412512	DC
18	1997	81	24.4756	2E+09	429672	5408132	DC
18	1998	66	25.1945	2E+09	426272	5415932	DC
19	1997	87	24.3185	2E+09	428809	5413327	DC
19	1998	67	25.1937	2E+09	428817	5414150	DC
20	1997	89	24.2875	2E+09	426272	5414932	DC
20	1998	69	25.1376	2E+09	427272	5415932	DC
21	1997	93	24.2695	2E+09	428809	5413327	DC
21	1998	75	24.894	2E+09	424792	5414601	DC
22	1997	95	24.25	2E+09	429614	5413326	DC
22	1998	79	24.5573	2E+09	426272	5414932	DC
23	1997	97	24.2061	2E+09	429614	5413326	DC
23	1998	83	24.4223	2E+09	427272	5415932	DC
24	1998	84	24.4012	2E+09	427272	5415932	DC
25	1998	96	24.2295	2E+09	424798	5414204	DC
26	1998	100	24.1352	2E+09	430407	5412512	DC

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: MOBI \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05		
1	1996	1	38.8159	2E+09	429102	5408830	DC	Discarded		
1	1997	3	34.8916	2E+09	429093	5408498	DC	Discarded	<b>Max</b>	<b>38.8159</b>
1	1998	9	33.6417	2E+09	426917	5407750	DC	Discarded		
1	1999	2	35.9879	2E+09	426917	5407750	DC	Discarded		
1	2000	4	34.5445	2E+09	429102	5408830	DC	Discarded		
2	1996	11	33.4334	2E+09	429272	5408732	DC	Discarded		
2	1997	5	34.3466	2E+09	426917	5407750	DC	Discarded		
2	1998	17	32.5712	2E+09	429102	5408830	DC	Discarded		
2	1999	10	33.4745	2E+09	427700	5407741	DC	Discarded		
2	2000	14	33.0854	2E+09	429102	5408830	DC	Discarded		
3	1996	12	33.2577	2E+09	426917	5407750	DC	Discarded		
3	1997	6	34.213	2E+09	429102	5408830	DC	Discarded		
3	1998	31	30.1603	2E+09	429425	5408830	DC	Discarded		
3	1999	13	33.0924	2E+09	427720	5407741	DC	Discarded		
3	2000	25	31.3643	2E+09	429093	5408498	DC	Discarded		
4	1996	29	30.2795	2E+09	429425	5408830	DC	Discarded		
4	1997	7	33.7006	2E+09	426917	5407750	DC	Discarded		
4	1998	33	30.0558	2E+09	426068	5407740	DC	Discarded		
4	1999	26	31.287	2E+09	427718	5407601	DC	Discarded		
4	2000	27	30.818	2E+09	429272	5408732	DC	Discarded		
5	1996	39	29.3437	2E+09	426068	5407740	DC	Discarded		
5	1997	8	33.6865	2E+09	426068	5407740	DC	Discarded		
5	1998	38	29.3904	2E+09	426068	5407740	DC	Discarded		
5	1999	30	30.233	2E+09	429425	5408830	DC	Discarded		
5	2000	28	30.7047	2E+09	429425	5408830	DC	Discarded		
6	1996	54	28.3352	2E+09	429102	5408830	DC	Discarded		
6	1997	15	33.0153	2E+09	427700	5407741	DC	Discarded		
6	1998	44	28.9627	2E+09	429272	5408532	DC	Discarded		
6	1999	34	29.902	2E+09	426068	5407740	DC	Discarded		
6	2000	36	29.548	2E+09	426068	5407740	DC	Discarded		
7	1996	71	27.5736	2E+09	429093	5408498	DC	Discarded		
7	1997	16	32.864	2E+09	427720	5407741	DC	Discarded		
7	1998	47	28.8321	2E+09	429102	5408830	DC	Discarded		
7	1999	35	29.7838	2E+09	429102	5408830	DC	Discarded		
7	2000	40	29.2414	2E+09	426068	5407740	DC	Discarded		
8	1996	89	26.9878	2E+09	427718	5407601	DC	Discarded		
8	1997	18	32.2398	2E+09	429272	5408532	DC	Discarded		
8	1998	52	28.3807	2E+09	426068	5407740	DC	Discarded		
8	1999	42	29.1871	2E+09	426917	5407750	DC	Discarded		
8	2000	53	28.3428	2E+09	426068	5407740	DC	Discarded		
9	1997	19	32.0338	2E+09	427700	5407741	DC	Discarded		
9	1998	57	28.2062	2E+09	426068	5407740	DC	Discarded		
9	1999	45	28.9186	2E+09	426068	5407740	DC	Discarded		
9	2000	56	28.271	2E+09	429102	5408830	DC	Discarded		
10	1997	20	32.0225	2E+09	427720	5407741	DC	Discarded		
10	1998	58	28.2031	2E+09	427720	5407741	DC	Discarded		
10	1999	48	28.5901	2E+09	426917	5407750	DC	Discarded		
10	2000	61	27.9198	2E+09	426068	5407740	DC	Discarded		
11	1997	21	32.0161	2E+09	427718	5407601	DC	Discarded		
11	1998	60	27.9655	2E+09	426068	5407740	DC	Discarded		
11	1999	62	27.8885	2E+09	426068	5407740	DC	Discarded		
11	2000	68	27.7093	2E+09	426917	5407750	DC	Discarded		
12	1997	22	31.8808	2E+09	429093	5408498	DC	Discarded		
12	1998	73	27.5148	2E+09	426917	5407750	DC	Discarded		
12	1999	65	27.8075	2E+09	429102	5408830	DC	Discarded		
12	2000	69	27.6519	2E+09	429102	5408830	DC	Discarded		
13	1997	23	31.7712	2E+09	429093	5408498	DC	Highest		

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: MOBI \*\*\*

13	1998	76	27.3665	2E+09	429093	5408498	DC
13	1999	67	27.7718	2E+09	426917	5407750	DC
13	2000	70	27.5836	2E+09	429102	5408830	DC
14	1997	24	31.7578	2E+09	426917	5407750	DC
14	1998	86	27.0863	2E+09	429093	5408498	DC
14	1999	78	27.3173	2E+09	427720	5407741	DC
14	2000	74	27.4348	2E+09	427720	5407741	DC
15	1997	32	30.0562	2E+09	426068	5407740	DC
15	1998	92	26.9169	2E+09	429414	5408504	DC
15	1999	82	27.22	2E+09	427720	5407741	DC
15	2000	77	27.3315	2E+09	429102	5408830	DC
16	1997	37	29.544	2E+09	429272	5408732	DC
16	1998	93	26.8371	2E+09	429102	5408830	DC
16	1999	84	27.1211	2E+09	427700	5407741	DC
16	2000	79	27.2845	2E+09	426917	5407750	DC
17	1997	41	29.1913	2E+09	426068	5407740	DC
17	1998	98	26.7003	2E+09	429093	5408498	DC
17	1999	88	27.0228	2E+09	427700	5407741	DC
17	2000	80	27.2365	2E+09	427700	5407741	DC
18	1997	43	29.1709	2E+09	429414	5408504	DC
18	2000	81	27.2228	2E+09	429425	5408830	DC
19	1997	46	28.8675	2E+09	429431	5408490	DC
19	2000	83	27.1479	2E+09	429102	5408830	DC
20	1997	49	28.5612	2E+09	426068	5407740	DC
20	2000	90	26.979	2E+09	426917	5407750	DC
21	1997	50	28.5392	2E+09	426917	5407750	DC
21	2000	97	26.726	2E+09	427700	5407741	DC
22	1997	51	28.4385	2E+09	429102	5408830	DC
22	2000	100	26.6141	2E+09	429102	5408830	DC
23	1997	55	28.3207	2E+09	426068	5407740	DC
24	1997	59	28.0306	2E+09	427720	5407741	DC
25	1997	63	27.8713	2E+09	426068	5407740	DC
26	1997	64	27.8664	2E+09	427700	5407741	DC
27	1997	66	27.7999	2E+09	427718	5407601	DC
28	1997	72	27.56	2E+09	426917	5407750	DC
29	1997	75	27.3875	2E+09	425276	5407752	DC
30	1997	85	27.0934	2E+09	428564	5407591	DC
31	1997	87	27.0804	2E+09	426917	5407750	DC
32	1997	91	26.9504	2E+09	429425	5408830	DC
33	1997	94	26.8023	2E+09	429472	5408332	DC
34	1997	95	26.7665	2E+09	429093	5408498	DC
35	1997	96	26.7334	2E+09	429272	5408532	DC
36	1997	99	26.6543	2E+09	427718	5407601	DC

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OCI \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	25	53.5491	2E+09	429330	5408823	DC	Discarded	59.9944
1	1997	1	59.9944	2E+09	429130	5408823	DC	Discarded	
1	1998	4	59.5701	2E+09	428808	5412548	DC	Discarded	
1	1999	5	58.9616	2E+09	428930	5412623	DC	Discarded	
1	2000	27	53.3742	2E+09	429130	5412623	DC	Discarded	
2	1996	26	53.4384	2E+09	429425	5408830	DC	Discarded	
2	1997	2	59.7321	2E+09	429102	5408830	DC	Discarded	
2	1998	11	56.0951	2E+09	428808	5412548	DC	Discarded	
2	1999	7	57.4292	2E+09	429130	5408823	DC	Discarded	
2	2000	32	52.8876	2E+09	430381	5410114	DC	Discarded	
3	1996	44	51.9451	2E+09	429102	5408830	DC	Discarded	
3	1997	3	59.6886	2E+09	428808	5412548	DC	Discarded	
3	1998	16	54.9469	2E+09	429330	5408823	DC	Discarded	
3	1999	10	56.1345	2E+09	429102	5408830	DC	Discarded	
3	2000	33	52.8875	2E+09	429730	5412623	DC	Discarded	
4	1996	45	51.8987	2E+09	430381	5410114	DC	Discarded	
4	1997	6	57.6728	2E+09	428808	5412548	DC	Discarded	
4	1998	24	53.5595	2E+09	429128	5412693	DC	Discarded	
4	1999	12	55.868	2E+09	430381	5410114	DC	Discarded	
4	2000	35	52.6382	2E+09	430381	5410114	DC	Discarded	
5	1996	47	51.6466	2E+09	428808	5412548	DC	Discarded	
5	1997	8	57.0574	2E+09	429102	5408830	DC	Discarded	
5	1998	28	53.1945	2E+09	430381	5410114	DC	Discarded	
5	1999	37	52.4518	2E+09	429530	5412623	DC	Discarded	
5	2000	40	52.2738	2E+09	429530	5412623	DC	Discarded	
6	1996	56	50.9306	2E+09	429130	5412823	DC	Discarded	
6	1997	9	56.1818	2E+09	429130	5412623	DC	Discarded	
6	1998	29	53.1508	2E+09	429130	5412623	DC	Discarded	
6	1999	41	52.2676	2E+09	428808	5412548	DC	Discarded	
6	2000	46	51.8278	2E+09	429330	5412623	DC	Discarded	
7	1996	58	50.664	2E+09	428930	5412623	DC	Discarded	
7	1997	13	55.3173	2E+09	428930	5412623	DC	Discarded	
7	1998	30	53.0064	2E+09	428808	5412548	DC	Discarded	
7	1999	42	52.2306	2E+09	428808	5412548	DC	Discarded	
7	2000	54	51.0349	2E+09	429330	5412623	DC	Discarded	
8	1996	63	50.2066	2E+09	429130	5408823	DC	Discarded	
8	1997	14	55.3025	2E+09	428930	5412623	DC	Discarded	
8	1998	34	52.6403	2E+09	429130	5412823	DC	Discarded	
8	1999	53	51.0662	2E+09	428930	5412823	DC	Discarded	
8	2000	55	50.9792	2E+09	429330	5412623	DC	Discarded	
9	1996	65	50.1793	2E+09	430530	5410023	DC	Discarded	
9	1997	15	55.0959	2E+09	429130	5412623	DC	Discarded	
9	1998	43	52.1912	2E+09	428808	5412548	DC	Discarded	
9	1999	64	50.1998	2E+09	430381	5410114	DC	Discarded	
9	2000	59	50.5904	2E+09	429330	5412823	DC	Discarded	
10	1996	66	50.0457	2E+09	429128	5412693	DC	Discarded	
10	1997	17	54.8072	2E+09	429128	5408693	DC	Discarded	
10	1998	49	51.5635	2E+09	429730	5412623	DC	Discarded	
10	1999	70	49.739	2E+09	429530	5412623	DC	Discarded	

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OCI \*\*\*

10	2000	62	50.2819	2E+09	429425	5408830	DC	
11	1996	69	49.819	2E+09	429330	5412823	DC	Discarded
11	1997	18	54.6301	2E+09	429330	5412623	DC	Discarded
11	1998	50	51.4889	2E+09	429730	5412623	DC	
11	1999	71	49.7371	2E+09	429128	5408693	DC	Discarded
11	2000	67	49.9005	2E+09	429330	5412823	DC	
12	1996	79	49.4128	2E+09	429130	5412623	DC	Discarded
12	1997	19	54.2425	2E+09	429128	5412693	DC	Discarded
12	1998	52	51.1227	2E+09	429730	5412623	DC	
12	1999	89	48.7497	2E+09	430530	5410023	DC	Discarded
12	2000	68	49.8939	2E+09	429128	5412693	DC	
13	1996	80	49.3871	2E+09	429130	5412623	DC	Discarded
13	1997	20	54.2312	2E+09	429128	5408693	DC	Discarded
13	1998	73	49.6235	2E+09	429102	5408830	DC	
13	1999	93	48.5187	2E+09	429730	5412823	DC	Discarded
13	2000	72	49.7143	2E+09	429330	5412823	DC	
14	1996	81	49.2908	2E+09	429530	5412623	DC	Discarded
14	1997	21	54.0611	2E+09	429130	5408623	DC	Discarded
14	1998	78	49.4129	2E+09	429130	5412623	DC	
14	1999	96	48.4878	2E+09	429130	5413023	DC	Discarded
14	2000	77	49.4455	2E+09	429130	5412623	DC	
15	1996	82	49.1255	2E+09	429730	5412623	DC	
15	1997	22	53.992	2E+09	429130	5408823	DC	Discarded
15	1998	97	48.4752	2E+09	429128	5412693	DC	
15	2000	85	48.9786	2E+09	429093	5408498	DC	
16	1996	84	48.986	2E+09	429128	5408693	DC	
16	1997	23	53.9857	2E+09	429128	5412693	DC	Discarded
16	2000	87	48.922	2E+09	429530	5412823	DC	
17	1996	88	48.849	2E+09	429530	5412823	DC	
17	1997	31	53.005	2E+09	429130	5412623	DC	Highest
17	2000	91	48.6694	2E+09	429530	5412823	DC	
18	1996	92	48.5901	2E+09	429130	5412623	DC	
18	1997	36	52.5413	2E+09	429530	5412623	DC	
18	2000	99	48.4435	2E+09	429330	5412823	DC	
19	1996	98	48.475	2E+09	429128	5412693	DC	
19	1997	38	52.4295	2E+09	428930	5412823	DC	
20	1997	39	52.3398	2E+09	429330	5408823	DC	
21	1997	48	51.6097	2E+09	429130	5408823	DC	
22	1997	51	51.2557	2E+09	429130	5412823	DC	
23	1997	57	50.8589	2E+09	429128	5412693	DC	
24	1997	60	50.536	2E+09	429130	5408623	DC	
25	1997	61	50.4216	2E+09	429330	5408623	DC	
26	1997	74	49.5465	2E+09	429093	5408498	DC	
27	1997	75	49.4913	2E+09	429330	5412823	DC	
28	1997	76	49.4482	2E+09	429130	5412823	DC	
29	1997	83	49.1225	2E+09	429130	5412623	DC	
30	1997	86	48.9523	2E+09	429130	5412823	DC	
31	1997	90	48.7093	2E+09	429330	5413023	DC	
32	1997	94	48.5082	2E+09	429130	5413023	DC	
33	1997	95	48.5063	2E+09	429102	5408830	DC	
34	1997	100	48.2153	2E+09	429530	5412823	DC	

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PIT \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1997	1	51.0262	2E+09	424430	5408573	DC	Discarded	51.0262
1	1999	13	46.9876	2E+09	424480	5408373	DC	Discarded	
1	2000	7	48.4519	2E+09	424499	5408579	DC	Discarded	
2	1997	2	50.7241	2E+09	424380	5408573	DC	Discarded	
2	1999	14	46.9176	2E+09	424480	5408423	DC	Discarded	
2	2000	8	48.122	2E+09	424480	5408573	DC	Discarded	
3	1997	3	50.0147	2E+09	424480	5408573	DC	Discarded	
3	1999	23	46.3812	2E+09	424480	5408323	DC	Discarded	
3	2000	15	46.8916	2E+09	424480	5408523	DC	Discarded	
4	1997	4	49.7464	2E+09	424499	5408579	DC	Discarded	
4	1999	25	45.9799	2E+09	424480	5408473	DC	Discarded	
4	2000	17	46.7331	2E+09	424430	5408573	DC	Discarded	
5	1997	5	49.5576	2E+09	424380	5408523	DC	Discarded	
5	1999	30	45.4519	2E+09	424430	5408323	DC	Discarded	
5	2000	19	46.6681	2E+09	424430	5408523	DC	Discarded	
6	1997	6	48.6872	2E+09	424430	5408523	DC	Discarded	
6	1999	36	45.1313	2E+09	424430	5408273	DC	Discarded	
6	2000	27	45.6337	2E+09	424430	5408473	DC	Discarded	
7	1997	9	47.7049	2E+09	424284	5408471	DC	Discarded	
7	1999	37	45.1023	2E+09	424480	5408273	DC	Discarded	
7	2000	34	45.2332	2E+09	424380	5408473	DC	Discarded	
8	1997	10	47.3845	2E+09	424380	5408473	DC	Discarded	
8	1999	38	45.0479	2E+09	424430	5408373	DC	Discarded	
8	2000	35	45.1576	2E+09	424380	5408523	DC	Discarded	
9	1997	11	47.178	2E+09	424480	5408373	DC	Discarded	
9	1999	49	44.2906	2E+09	424480	5408523	DC	Discarded	
9	2000	41	44.7893	2E+09	424480	5408473	DC	Discarded	
10	1997	12	47.1181	2E+09	424480	5408423	DC	Discarded	
10	1999	58	43.9822	2E+09	424430	5408423	DC	Discarded	
10	2000	47	44.4516	2E+09	424380	5408423	DC	Discarded	
11	1997	16	46.8443	2E+09	423995	5408569	DC	Discarded	
11	1999	59	43.9206	2E+09	424380	5408273	DC	Discarded	
11	2000	55	44.068	2E+09	424380	5408573	DC	Discarded	
12	1997	18	46.6874	2E+09	424284	5408569	DC	Discarded	
12	1999	68	43.3783	2E+09	424499	5408579	DC	Discarded	
12	2000	64	43.8085	2E+09	424430	5408423	DC	Discarded	
13	1997	20	46.6199	2E+09	424480	5408523	DC	Discarded	
13	1999	69	43.2978	2E+09	424380	5408323	DC	Discarded	
13	2000	66	43.5835	2E+09	424328	5408393	DC	Discarded	
14	1997	21	46.5637	2E+09	424480	5408323	DC	Discarded	
14	1999	74	42.9756	2E+09	424413	5408177	DC	Discarded	
14	2000	76	42.8255	2E+09	424380	5408373	DC	Discarded	
15	1997	22	46.3822	2E+09	424092	5408569	DC	Discarded	
15	1999	90	42.4459	2E+09	424328	5408193	DC	Discarded	
15	2000	81	42.6836	2E+09	424284	5408372	DC	Discarded	
16	1997	24	46.1964	2E+09	424480	5408473	DC	Discarded	
17	1997	26	45.849	2E+09	424092	5408569	DC	Discarded	
18	1997	28	45.6307	2E+09	424430	5408323	DC	Discarded	
19	1997	29	45.4926	2E+09	424430	5408473	DC	Discarded	

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PIT \*\*\*

20	1997	31	45.3009	2E+09	424430	5408273	DC	Discarded
21	1997	32	45.285	2E+09	424480	5408273	DC	Discarded
22	1997	33	45.2372	2E+09	424430	5408373	DC	Discarded
23	1997	39	45.0186	2E+09	424188	5408372	DC	Discarded
24	1997	40	44.8643	2E+09	424284	5408372	DC	Discarded
25	1997	42	44.6663	2E+09	424328	5408393	DC	Discarded
26	1997	43	44.5229	2E+09	424480	5408523	DC	Discarded
27	1997	44	44.516	2E+09	424499	5408579	DC	Discarded
28	1997	45	44.4626	2E+09	424380	5408423	DC	Discarded
29	1997	46	44.4551	2E+09	424480	5408573	DC	Discarded
30	1997	48	44.4385	2E+09	423899	5408471	DC	Discarded
31	1997	50	44.2027	2E+09	424430	5408573	DC	Discarded
32	1997	51	44.187	2E+09	424430	5408423	DC	Discarded
33	1997	52	44.1518	2E+09	424499	5408579	DC	Discarded
34	1997	53	44.0934	2E+09	424380	5408273	DC	Discarded
35	1997	54	44.0817	2E+09	424480	5408573	DC	Discarded
36	1997	56	44.0494	2E+09	423899	5408569	DC	Discarded
37	1997	57	44.0219	2E+09	423995	5408569	DC	Discarded
38	1997	60	43.8938	2E+09	423899	5408569	DC	Discarded
39	1997	61	43.8933	2E+09	424188	5408471	DC	Discarded
40	1997	62	43.8734	2E+09	424188	5408569	DC	Discarded
41	1997	63	43.8105	2E+09	424430	5408573	DC	Discarded
42	1997	65	43.6284	2E+09	424499	5408579	DC	Discarded
43	1997	67	43.4782	2E+09	424380	5408323	DC	Discarded
44	1997	70	43.2789	2E+09	423995	5408471	DC	Discarded
45	1997	71	43.2371	2E+09	423995	5408471	DC	Discarded
46	1997	72	43.1408	2E+09	424413	5408177	DC	Discarded
47	1997	73	43.1274	2E+09	424430	5408523	DC	Discarded
48	1997	75	42.8405	2E+09	424380	5408573	DC	Discarded
49	1997	77	42.7969	2E+09	424499	5408579	DC	Discarded
50	1997	78	42.7689	2E+09	424380	5408523	DC	Discarded
51	1997	79	42.7531	2E+09	424128	5408393	DC	Discarded
52	1997	80	42.7456	2E+09	424430	5408523	DC	Discarded
53	1997	82	42.6571	2E+09	423995	5408569	DC	Discarded
54	1997	83	42.6327	2E+09	424092	5408273	DC	Discarded
55	1997	84	42.6015	2E+09	424328	5408193	DC	Discarded
56	1997	85	42.5791	2E+09	424188	5408273	DC	Discarded
57	1997	86	42.5771	2E+09	424480	5408473	DC	Discarded
58	1997	87	42.5126	2E+09	423803	5408569	DC	Discarded
59	1997	88	42.4868	2E+09	424480	5408523	DC	Discarded
60	1997	89	42.4684	2E+09	424380	5408573	DC	Discarded
61	1997	91	42.414	2E+09	424480	5408523	DC	Discarded
62	1997	92	42.3803	2E+09	424380	5408523	DC	Discarded
63	1997	93	42.3733	2E+09	423803	5408471	DC	Discarded
64	1997	94	42.2981	2E+09	424188	5408569	DC	Discarded
65	1997	95	42.2938	2E+09	424430	5408473	DC	Discarded
66	1997	96	42.2882	2E+09	424480	5408473	DC	Discarded
67	1997	97	42.2213	2E+09	424380	5408373	DC	Discarded
68	1997	98	42.1956	2E+09	424314	5408177	DC	Discarded
69	1997	99	42.1751	2E+09	423899	5408471	DC	Discarded
70	1997	100	42.0733	2E+09	424480	5408523	DC	Discarded

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PORT1 \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	10	24.5983	2E+09	424461	5407786	DC	Discarded	44.5924
1	1997	20	20.7539	2E+09	427718	5407601	DC	Discarded	
1	1998	1	44.5924	2E+09	429102	5408830	DC	Discarded	
1	1999	6	27.7213	2E+09	427720	5407741	DC	Discarded	
1	2000	4	28.8373	2E+09	426068	5407740	DC	Discarded	
2	1996	17	21.1709	2E+09	428808	5412548	DC	Discarded	
2	1997	24	20.153	2E+09	427700	5407741	DC	Discarded	
2	1998	2	38.8755	2E+09	428808	5412548	DC	Discarded	
2	1999	8	27.0107	2E+09	427700	5407741	DC	Discarded	
2	2000	9	26.9779	2E+09	426917	5407750	DC	Discarded	
3	1996	18	21.0352	2E+09	430407	5412512	DC	Discarded	
3	1997	28	18.6057	2E+09	427720	5407741	DC	Discarded	
3	1998	3	35.3287	2E+09	429272	5408732	DC	Discarded	
3	1999	12	23.4579	2E+09	428808	5412548	DC	Discarded	
3	2000	13	23.1281	2E+09	424499	5408579	DC	Discarded	
4	1996	21	20.5131	2E+09	429093	5408498	DC	Discarded	
4	1997	34	17.3829	2E+09	428808	5412548	DC	Discarded	
4	1998	5	28.5193	2E+09	428808	5412548	DC	Discarded	
4	1999	15	22.7246	2E+09	427718	5407601	DC	Discarded	
4	2000	14	22.9786	2E+09	425276	5407752	DC	Discarded	
5	1996	22	20.4297	2E+09	428808	5412548	DC	Discarded	
5	1997	39	17.0724	2E+09	429272	5408532	DC	Discarded	
5	1998	7	27.0385	2E+09	428817	5414150	DC	Discarded	
5	1999	29	18.449	2E+09	429102	5408830	DC	Discarded	
5	2000	23	20.4072	2E+09	428808	5412548	DC	Discarded	
6	1996	25	19.1386	2E+09	428809	5413327	DC	Discarded	
6	1997	42	16.3352	2E+09	425245	5406949	DC	Discarded	
6	1998	11	24.3145	2E+09	429425	5408830	DC	Discarded	
6	1999	36	17.1545	2E+09	428808	5412548	DC	Discarded	
6	2000	31	17.5519	2E+09	428809	5413327	DC	Discarded	
7	1996	35	17.1588	2E+09	428808	5412548	DC	Discarded	
7	1997	44	16.2727	2E+09	429102	5408830	DC	Discarded	
7	1998	16	22.5772	2E+09	426068	5407740	DC	Discarded	
7	1999	37	17.1302	2E+09	426068	5407740	DC	Discarded	
7	2000	33	17.42	2E+09	425245	5406949	DC	Discarded	
8	1996	53	15.6386	2E+09	426917	5407750	DC	Discarded	
8	1997	50	15.8858	2E+09	426917	5407750	DC	Discarded	
8	1998	19	20.8246	2E+09	429102	5408830	DC	Discarded	
8	1999	41	17.0678	2E+09	429614	5413326	DC	Discarded	
8	2000	38	17.1302	2E+09	426068	5407740	DC	Discarded	
9	1996	56	15.3617	2E+09	423599	5406990	DC	Discarded	
9	1997	58	15.1606	2E+09	426917	5407750	DC	Discarded	
9	1998	26	19.1015	2E+09	429614	5413326	DC	Discarded	
9	1999	51	15.8416	2E+09	427720	5407741	DC	Discarded	
9	2000	47	16.1893	2E+09	429093	5408498	DC	Discarded	
10	1996	57	15.161	2E+09	428808	5412548	DC	Discarded	
10	1997	62	14.9894	2E+09	429272	5408732	DC	Discarded	
10	1998	27	18.7757	2E+09	429093	5408498	DC	Discarded	
10	1999	52	15.699	2E+09	428809	5413327	DC	Discarded	



\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PORT1 \*\*\*

10	2000	54	15.5979	2E+09	429422	5407591	DC	
11	1996	64	14.9282	2E+09	430381	5410114	DC	
11	1997	84	13.5093	2E+09	429414	5408504	DC	Discarded
11	1998	30	18.373	2E+09	429272	5408732	DC	Discarded
11	1999	55	15.5331	2E+09	427700	5407741	DC	Discarded
11	2000	61	15.0732	2E+09	428817	5414150	DC	
12	1996	71	14.3469	2E+09	428809	5413327	DC	
12	1997	95	13.0481	2E+09	422370	5415036	DC	Discarded
12	1998	32	17.4857	2E+09	429102	5408830	DC	Discarded
12	1999	59	15.1046	2E+09	429272	5408732	DC	Discarded
12	2000	75	14.2114	2E+09	428809	5413327	DC	
13	1996	73	14.2747	2E+09	428564	5407591	DC	
13	1997	99	12.5986	2E+09	421272	5415932	DC	Discarded
13	1998	40	17.0724	2E+09	429272	5408532	DC	Highest
13	1999	65	14.914	2E+09	428808	5412548	DC	Discarded
13	2000	88	13.3764	2E+09	428808	5412548	DC	
14	1996	74	14.2288	2E+09	429425	5408830	DC	
14	1998	43	16.2981	2E+09	425245	5406949	DC	
14	1999	72	14.2836	2E+09	428809	5413327	DC	
14	2000	93	13.1831	2E+09	430381	5410114	DC	
15	1996	77	14.1631	2E+09	429102	5408830	DC	
15	1998	45	16.2727	2E+09	429102	5408830	DC	
15	1999	89	13.3414	2E+09	427718	5407601	DC	
15	2000	96	13.0353	2E+09	423272	5407932	DC	
16	1996	81	13.714	2E+09	429272	5408732	DC	
16	1998	46	16.2372	2E+09	429649	5415650	DC	
17	1996	82	13.6302	2E+09	429628	5414138	DC	
17	1998	48	15.9923	2E+09	427700	5407741	DC	
18	1996	94	13.1073	2E+09	429102	5408830	DC	
18	1998	49	15.928	2E+09	427720	5407741	DC	
19	1996	100	12.5145	2E+09	428809	5413327	DC	
19	1998	60	15.0939	2E+09	429272	5408532	DC	
20	1998	63	14.9894	2E+09	429272	5408732	DC	
21	1998	66	14.8565	2E+09	427700	5407741	DC	
22	1998	67	14.6032	2E+09	427718	5407601	DC	
23	1998	68	14.5242	2E+09	426068	5407740	DC	
24	1998	69	14.4592	2E+09	429272	5408732	DC	
25	1998	70	14.4	2E+09	427718	5407601	DC	
26	1998	76	14.1928	2E+09	430072	5408332	DC	
27	1998	78	14.1088	2E+09	427720	5407741	DC	
28	1998	79	14.0698	2E+09	428809	5413327	DC	
29	1998	80	14.0043	2E+09	428808	5412548	DC	
30	1998	83	13.5761	2E+09	424499	5408579	DC	
31	1998	85	13.5093	2E+09	429414	5408504	DC	
32	1998	86	13.4301	2E+09	430222	5408485	DC	
33	1998	87	13.4108	2E+09	428808	5412548	DC	
34	1998	90	13.2461	2E+09	426068	5407740	DC	
35	1998	91	13.2155	2E+09	424499	5408579	DC	
36	1998	92	13.2083	2E+09	430381	5410114	DC	
37	1998	97	12.9893	2E+09	429414	5408504	DC	
38	1998	98	12.6827	2E+09	429472	5407932	DC	

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PORT2 \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	10	24.5983	2E+09	424461	5407786	DC	Discarded	44.5924
1	1997	20	20.7539	2E+09	427718	5407601	DC	Discarded	
1	1998	1	44.5924	2E+09	429102	5408830	DC	Discarded	
1	1999	6	27.7213	2E+09	427720	5407741	DC	Discarded	
1	2000	4	28.8373	2E+09	426068	5407740	DC	Discarded	
2	1996	17	21.1709	2E+09	428808	5412548	DC	Discarded	
2	1997	24	20.153	2E+09	427700	5407741	DC	Discarded	
2	1998	2	38.8755	2E+09	428808	5412548	DC	Discarded	
2	1999	8	27.0107	2E+09	427700	5407741	DC	Discarded	
2	2000	9	26.9779	2E+09	426917	5407750	DC	Discarded	
3	1996	18	21.0352	2E+09	430407	5412512	DC	Discarded	
3	1997	28	18.6057	2E+09	427720	5407741	DC	Discarded	
3	1998	3	35.3287	2E+09	429272	5408732	DC	Discarded	
3	1999	12	23.4579	2E+09	428808	5412548	DC	Discarded	
3	2000	13	23.1281	2E+09	424499	5408579	DC	Discarded	
4	1996	21	20.5131	2E+09	429093	5408498	DC	Discarded	
4	1997	34	17.3829	2E+09	428808	5412548	DC	Discarded	
4	1998	5	28.5193	2E+09	428808	5412548	DC	Discarded	
4	1999	15	22.7246	2E+09	427718	5407601	DC	Discarded	
4	2000	14	22.9786	2E+09	425276	5407752	DC	Discarded	
5	1996	22	20.4297	2E+09	428808	5412548	DC	Discarded	
5	1997	39	17.0724	2E+09	429272	5408532	DC	Discarded	
5	1998	7	27.0385	2E+09	428817	5414150	DC	Discarded	
5	1999	29	18.449	2E+09	429102	5408830	DC	Discarded	
5	2000	23	20.4072	2E+09	428808	5412548	DC	Discarded	
6	1996	25	19.1386	2E+09	428809	5413327	DC	Discarded	
6	1997	42	16.3352	2E+09	425245	5406949	DC	Discarded	
6	1998	11	24.3145	2E+09	429425	5408830	DC	Discarded	
6	1999	36	17.1545	2E+09	428808	5412548	DC	Discarded	
6	2000	31	17.5519	2E+09	428809	5413327	DC	Discarded	
7	1996	35	17.1588	2E+09	428808	5412548	DC	Discarded	
7	1997	44	16.2727	2E+09	429102	5408830	DC	Discarded	
7	1998	16	22.5772	2E+09	426068	5407740	DC	Discarded	
7	1999	37	17.1302	2E+09	426068	5407740	DC	Discarded	
7	2000	33	17.42	2E+09	425245	5406949	DC	Discarded	
8	1996	53	15.6386	2E+09	426917	5407750	DC	Discarded	
8	1997	50	15.8858	2E+09	426917	5407750	DC	Discarded	
8	1998	19	20.8246	2E+09	429102	5408830	DC	Discarded	
8	1999	41	17.0678	2E+09	429614	5413326	DC	Discarded	
8	2000	38	17.1302	2E+09	426068	5407740	DC	Discarded	
9	1996	56	15.3617	2E+09	423599	5406990	DC	Discarded	
9	1997	58	15.1606	2E+09	426917	5407750	DC	Discarded	
9	1998	26	19.1015	2E+09	429614	5413326	DC	Discarded	
9	1999	51	15.8416	2E+09	427720	5407741	DC	Discarded	
9	2000	47	16.1893	2E+09	429093	5408498	DC	Discarded	
10	1996	57	15.161	2E+09	428808	5412548	DC	Discarded	
10	1997	62	14.9894	2E+09	429272	5408732	DC	Discarded	
10	1998	27	18.7757	2E+09	429093	5408498	DC	Discarded	
10	1999	52	15.699	2E+09	428809	5413327	DC	Discarded	

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PORT2 \*\*\*

10	2000	54	15.5979	2E+09	429422	5407591	DC	
11	1996	64	14.9282	2E+09	430381	5410114	DC	
11	1997	84	13.5093	2E+09	429414	5408504	DC	Discarded
11	1998	30	18.373	2E+09	429272	5408732	DC	Discarded
11	1999	55	15.5331	2E+09	427700	5407741	DC	Discarded
11	2000	61	15.0732	2E+09	428817	5414150	DC	
12	1996	71	14.3469	2E+09	428809	5413327	DC	
12	1997	95	13.0481	2E+09	422370	5415036	DC	Discarded
12	1998	32	17.4857	2E+09	429102	5408830	DC	Discarded
12	1999	59	15.1046	2E+09	429272	5408732	DC	Discarded
12	2000	75	14.2114	2E+09	428809	5413327	DC	
13	1996	73	14.2747	2E+09	428564	5407591	DC	
13	1997	99	12.5986	2E+09	421272	5415932	DC	Discarded
13	1998	40	17.0724	2E+09	429272	5408532	DC	Highest
13	1999	65	14.914	2E+09	428808	5412548	DC	Discarded
13	2000	88	13.3764	2E+09	428808	5412548	DC	
14	1996	74	14.2288	2E+09	429425	5408830	DC	
14	1998	43	16.2981	2E+09	425245	5406949	DC	
14	1999	72	14.2836	2E+09	428809	5413327	DC	
14	2000	93	13.1831	2E+09	430381	5410114	DC	
15	1996	77	14.1631	2E+09	429102	5408830	DC	
15	1998	45	16.2727	2E+09	429102	5408830	DC	
15	1999	89	13.3414	2E+09	427718	5407601	DC	
15	2000	96	13.0353	2E+09	423272	5407932	DC	
16	1996	81	13.714	2E+09	429272	5408732	DC	
16	1998	46	16.2372	2E+09	429649	5415650	DC	
17	1996	82	13.6302	2E+09	429628	5414138	DC	
17	1998	48	15.9923	2E+09	427700	5407741	DC	
18	1996	94	13.1073	2E+09	429102	5408830	DC	
18	1998	49	15.928	2E+09	427720	5407741	DC	
19	1996	100	12.5145	2E+09	428809	5413327	DC	
19	1998	60	15.0939	2E+09	429272	5408532	DC	
20	1998	63	14.9894	2E+09	429272	5408732	DC	
21	1998	66	14.8565	2E+09	427700	5407741	DC	
22	1998	67	14.6032	2E+09	427718	5407601	DC	
23	1998	68	14.5242	2E+09	426068	5407740	DC	
24	1998	69	14.4592	2E+09	429272	5408732	DC	
25	1998	70	14.4	2E+09	427718	5407601	DC	
26	1998	76	14.1928	2E+09	430072	5408332	DC	
27	1998	78	14.1088	2E+09	427720	5407741	DC	
28	1998	79	14.0698	2E+09	428809	5413327	DC	
29	1998	80	14.0043	2E+09	428808	5412548	DC	
30	1998	83	13.5761	2E+09	424499	5408579	DC	
31	1998	85	13.5093	2E+09	429414	5408504	DC	
32	1998	86	13.4301	2E+09	430222	5408485	DC	
33	1998	87	13.4108	2E+09	428808	5412548	DC	
34	1998	90	13.2461	2E+09	426068	5407740	DC	
35	1998	91	13.2155	2E+09	424499	5408579	DC	
36	1998	92	13.2083	2E+09	430381	5410114	DC	
37	1998	97	12.9893	2E+09	429414	5408504	DC	
38	1998	98	12.6827	2E+09	429472	5407932	DC	

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TMA \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	92	14.8679	2E+09	422377	5414238	DC	Discarded	16.7498
1	1997	1	16.7498	2E+09	420767	5413450	DC	Discarded	
1	1999	14	15.8451	2E+09	420767	5413450	DC	Discarded	
1	2000	7	16.3319	2E+09	420767	5413450	DC	Discarded	
2	1996	98	14.8506	2E+09	420767	5413450	DC	Discarded	
2	1997	2	16.7146	2E+09	420767	5413450	DC	Discarded	
2	1999	38	15.3098	2E+09	420728	5413493	DC	Discarded	
2	2000	8	16.2285	2E+09	420767	5413450	DC	Discarded	
3	1997	3	16.6391	2E+09	420767	5413450	DC	Discarded	
3	1999	63	15.0774	2E+09	420728	5413543	DC	Discarded	
3	2000	13	15.8455	2E+09	420767	5413450	DC	Discarded	
4	1997	4	16.5546	2E+09	420767	5413450	DC	Discarded	
4	1999	87	14.8955	2E+09	420678	5413493	DC	Discarded	
4	2000	23	15.6118	2E+09	420728	5413493	DC	Discarded	
5	1997	5	16.4633	2E+09	420767	5413450	DC	Discarded	
5	1999	95	14.8641	2E+09	420728	5413593	DC	Discarded	
5	2000	29	15.4706	2E+09	420728	5413493	DC	Discarded	
6	1997	6	16.4561	2E+09	420767	5413450	DC	Discarded	
6	2000	37	15.3101	2E+09	420728	5413493	DC	Discarded	
7	1997	9	16.1157	2E+09	420728	5413493	DC	Discarded	
7	2000	39	15.2973	2E+09	420678	5413493	DC	Discarded	
8	1997	10	16.0507	2E+09	420728	5413493	DC	Discarded	
8	2000	54	15.1618	2E+09	420678	5413493	DC	Discarded	
9	1997	11	16.0191	2E+09	420728	5413493	DC	Discarded	
9	2000	60	15.0907	2E+09	422377	5414238	DC	Discarded	
10	1997	12	15.9512	2E+09	420728	5413493	DC	Discarded	
10	2000	62	15.0776	2E+09	420728	5413543	DC	Discarded	
11	1997	15	15.8258	2E+09	420728	5413493	DC	Discarded	
11	2000	66	15.0501	2E+09	420728	5413543	DC	Discarded	
12	1997	16	15.8174	2E+09	420767	5413450	DC	Discarded	
12	2000	67	15.0206	2E+09	420628	5413493	DC	Discarded	
13	1997	17	15.7926	2E+09	420728	5413493	DC	Discarded	
13	2000	80	14.9506	2E+09	422358	5414243	DC	Discarded	
14	1997	18	15.7765	2E+09	420678	5413493	DC	Discarded	
14	2000	86	14.8957	2E+09	420678	5413493	DC	Discarded	
15	1997	19	15.7233	2E+09	420728	5413543	DC	Discarded	
15	2000	89	14.8905	2E+09	420628	5413493	DC	Discarded	
16	1997	20	15.7185	2E+09	420678	5413493	DC	Discarded	
16	2000	90	14.8712	2E+09	420767	5413450	DC	Discarded	
17	1997	21	15.6761	2E+09	420678	5413493	DC	Discarded	
17	2000	93	14.8643	2E+09	420728	5413593	DC	Discarded	
18	1997	22	15.6444	2E+09	420728	5413543	DC	Discarded	
18	2000	96	14.8638	2E+09	419710	5413071	DC	Discarded	
19	1997	24	15.6004	2E+09	420728	5413543	DC	Discarded	
19	2000	97	14.8551	2E+09	420728	5413543	DC	Discarded	
20	1997	25	15.5979	2E+09	420728	5413543	DC	Discarded	
21	1997	26	15.5977	2E+09	420678	5413493	DC	Discarded	
22	1997	27	15.5023	2E+09	420678	5413493	DC	Discarded	
23	1997	28	15.4842	2E+09	420628	5413493	DC	Discarded	

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TMA \*\*\*

24	1997	30	15.4652	2E+09	420678	5413493	DC	Discarded
25	1997	31	15.4317	2E+09	420628	5413493	DC	Discarded
26	1997	32	15.4082	2E+09	420728	5413543	DC	Discarded
27	1997	33	15.3772	2E+09	420628	5413493	DC	Discarded
28	1997	34	15.361	2E+09	420678	5413543	DC	Discarded
29	1997	35	15.356	2E+09	420728	5413593	DC	Discarded
30	1997	36	15.3295	2E+09	420728	5413543	DC	Discarded
31	1997	40	15.2956	2E+09	420728	5413593	DC	Discarded
32	1997	41	15.2846	2E+09	420628	5413493	DC	Discarded
33	1997	42	15.283	2E+09	420728	5413493	DC	Discarded
34	1997	43	15.2789	2E+09	420678	5413543	DC	Discarded
35	1997	44	15.2731	2E+09	420728	5413593	DC	Discarded
36	1997	45	15.2639	2E+09	420767	5413450	DC	Discarded
37	1997	46	15.2567	2E+09	420678	5413543	DC	Discarded
38	1997	47	15.227	2E+09	420678	5413543	DC	Discarded
39	1997	48	15.2224	2E+09	420628	5413493	DC	Discarded
40	1997	49	15.2072	2E+09	420578	5413493	DC	Discarded
41	1997	50	15.1969	2E+09	420767	5413450	DC	Highest
42	1997	51	15.1838	2E+09	420730	5413623	DC	
43	1997	52	15.1816	2E+09	420628	5413493	DC	
44	1997	53	15.1628	2E+09	420578	5413493	DC	
45	1997	55	15.1562	2E+09	422377	5414238	DC	
46	1997	56	15.1469	2E+09	420728	5413593	DC	
47	1997	57	15.1344	2E+09	420730	5413623	DC	
48	1997	58	15.1242	2E+09	420730	5413623	DC	
49	1997	59	15.091	2E+09	420578	5413493	DC	
50	1997	61	15.0779	2E+09	420628	5413543	DC	
51	1997	64	15.0706	2E+09	420678	5413543	DC	
52	1997	65	15.0511	2E+09	420728	5413543	DC	
53	1997	68	15.0037	2E+09	420728	5413593	DC	
54	1997	69	14.9999	2E+09	420728	5413643	DC	
55	1997	70	14.9972	2E+09	420678	5413543	DC	
56	1997	71	14.992	2E+09	420628	5413543	DC	
57	1997	72	14.9903	2E+09	422358	5414243	DC	
58	1997	73	14.987	2E+09	420628	5413543	DC	
59	1997	74	14.9866	2E+09	420678	5413593	DC	
60	1997	75	14.9809	2E+09	420578	5413493	DC	
61	1997	76	14.9594	2E+09	420578	5413493	DC	
62	1997	77	14.959	2E+09	420528	5413493	DC	
63	1997	78	14.9574	2E+09	420728	5413643	DC	
64	1997	79	14.9538	2E+09	420728	5413643	DC	
65	1997	81	14.9311	2E+09	420628	5413543	DC	
66	1997	82	14.9271	2E+09	420528	5413493	DC	
67	1997	83	14.9214	2E+09	420678	5413593	DC	
68	1997	84	14.9173	2E+09	420730	5413623	DC	
69	1997	85	14.9153	2E+09	420578	5413493	DC	
70	1997	88	14.8905	2E+09	420678	5413593	DC	
71	1997	91	14.8696	2E+09	420678	5413493	DC	
72	1997	94	14.8641	2E+09	420728	5413593	DC	
73	1997	99	14.8383	2E+09	420728	5413593	DC	
74	1997	100	14.8298	2E+09	420528	5413493	DC	

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: WMRS \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	34	56.6386	2E+09	424188	5408569	DC	Discarded	61.5213
1	1997	1	61.5213	2E+09	423128	5408593	DC	Discarded	
1	1998	3	59.9049	2E+09	422928	5408593	DC	Discarded	
1	1999	24	57.771	2E+09	423418	5408569	DC	Discarded	
1	2000	4	59.7832	2E+09	423128	5408593	DC	Discarded	
2	1996	81	54.7238	2E+09	424092	5408569	DC	Discarded	
2	1997	2	60.9568	2E+09	423130	5408569	DC	Discarded	
2	1998	5	59.5621	2E+09	423128	5408593	DC	Discarded	
2	1999	43	56.323	2E+09	423515	5408569	DC	Discarded	
2	2000	6	59.3271	2E+09	423803	5408569	DC	Discarded	
3	1996	99	53.9931	2E+09	424188	5408471	DC	Discarded	
3	1997	8	59.2272	2E+09	422928	5408593	DC	Discarded	
3	1998	9	59.0988	2E+09	423707	5408569	DC	Discarded	
3	1999	60	55.4603	2E+09	423995	5408569	DC	Discarded	
3	2000	7	59.3056	2E+09	423130	5408569	DC	Discarded	
4	1997	10	58.8194	2E+09	422728	5408593	DC	Discarded	
4	1998	11	58.7369	2E+09	423130	5408569	DC	Discarded	
4	1999	72	55.1355	2E+09	423418	5408471	DC	Discarded	
4	2000	12	58.4897	2E+09	423128	5408593	DC	Discarded	
5	1997	14	58.4469	2E+09	423707	5408569	DC	Discarded	
5	1998	15	58.4198	2E+09	423328	5408593	DC	Discarded	
5	1999	84	54.6172	2E+09	423328	5408593	DC	Discarded	
5	2000	16	58.2753	2E+09	423226	5408569	DC	Discarded	
6	1997	13	58.4469	2E+09	422528	5408593	DC	Discarded	
6	1998	18	58.0546	2E+09	423322	5408569	DC	Discarded	
6	1999	95	54.0699	2E+09	423515	5408471	DC	Discarded	
6	2000	17	58.1884	2E+09	423130	5408569	DC	Discarded	
7	1997	19	57.8956	2E+09	423418	5408569	DC	Discarded	
7	1998	23	57.7865	2E+09	423418	5408569	DC	Discarded	
7	1999	100	53.9132	2E+09	423322	5408569	DC	Discarded	
7	2000	28	57.2947	2E+09	423803	5408569	DC	Discarded	
8	1997	20	57.8554	2E+09	423130	5408471	DC	Discarded	
8	1998	30	57.1379	2E+09	423707	5408471	DC	Discarded	
8	2000	32	57.0178	2E+09	423803	5408471	DC	Discarded	
9	1997	21	57.8375	2E+09	423515	5408569	DC	Discarded	
9	1998	37	56.5238	2E+09	423803	5408569	DC	Discarded	
9	2000	33	56.8396	2E+09	423707	5408569	DC	Discarded	
10	1997	22	57.7964	2E+09	423515	5408569	DC	Discarded	
10	1998	44	56.1668	2E+09	423728	5408393	DC	Discarded	
10	2000	36	56.5387	2E+09	423130	5408471	DC	Discarded	
11	1997	25	57.4918	2E+09	423803	5408569	DC	Discarded	
11	1998	45	56.0234	2E+09	423611	5408569	DC	Discarded	
11	2000	38	56.5213	2E+09	423226	5408569	DC	Discarded	
12	1997	26	57.3944	2E+09	423418	5408569	DC	Highest	
12	1998	54	55.7903	2E+09	424092	5408569	DC	Discarded	
12	2000	42	56.3652	2E+09	423899	5408569	DC	Discarded	
13	1997	27	57.3843	2E+09	423899	5408569	DC		
13	1998	55	55.7694	2E+09	423803	5408471	DC	Discarded	
13	2000	48	55.9631	2E+09	423899	5408471	DC	Discarded	

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: WMRS \*\*\*

14	1997	29	57.2916	2E+09	423515	5408569	DC	
14	1998	56	55.7506	2E+09	423322	5408471	DC	Discarded
14	2000	50	55.9197	2E+09	423130	5408471	DC	Discarded
15	1997	31	57.0405	2E+09	423707	5408569	DC	
15	1998	59	55.512	2E+09	424284	5408569	DC	Discarded
15	2000	52	55.8288	2E+09	423707	5408569	DC	Discarded
16	1997	35	56.6154	2E+09	423226	5408569	DC	
16	1998	69	55.2289	2E+09	423707	5408372	DC	Discarded
16	2000	53	55.7991	2E+09	423803	5408471	DC	Discarded
17	1997	39	56.5192	2E+09	423995	5408569	DC	
17	1998	70	55.2289	2E+09	423803	5408372	DC	Discarded
17	2000	66	55.3546	2E+09	423226	5408471	DC	Discarded
18	1997	40	56.4585	2E+09	423611	5408569	DC	
18	1998	73	55.0655	2E+09	423418	5408471	DC	Discarded
18	2000	68	55.2856	2E+09	423899	5408372	DC	Discarded
19	1997	41	56.4297	2E+09	423707	5408471	DC	
19	1998	78	54.854	2E+09	423130	5408471	DC	Discarded
19	2000	80	54.7496	2E+09	423803	5408372	DC	Discarded
20	1997	46	56.0031	2E+09	423803	5408471	DC	
20	1998	96	54.0358	2E+09	424188	5408569	DC	Discarded
20	2000	88	54.4105	2E+09	423803	5408372	DC	Discarded
21	1997	47	55.9925	2E+09	424092	5408569	DC	
21	2000	89	54.3637	2E+09	423928	5408393	DC	Discarded
22	1997	49	55.9305	2E+09	422528	5408593	DC	
22	2000	90	54.3441	2E+09	423128	5408393	DC	Discarded
23	1997	51	55.877	2E+09	423803	5408569	DC	
23	2000	93	54.2018	2E+09	424188	5408569	DC	Discarded
24	1997	57	55.5688	2E+09	423515	5408471	DC	
24	2000	94	54.0842	2E+09	423128	5408393	DC	Discarded
25	1997	58	55.5406	2E+09	423803	5408569	DC	
25	2000	98	54.0216	2E+09	423707	5408471	DC	Discarded
26	1997	61	55.4021	2E+09	423128	5408393	DC	
27	1997	62	55.3972	2E+09	423728	5408393	DC	
28	1997	63	55.3951	2E+09	423611	5408569	DC	
29	1997	64	55.385	2E+09	423899	5408471	DC	
30	1997	65	55.3691	2E+09	423515	5408471	DC	
31	1997	67	55.3439	2E+09	423899	5408569	DC	
32	1997	71	55.1804	2E+09	423418	5408471	DC	
33	1997	74	55.0633	2E+09	423803	5408471	DC	
34	1997	75	55.0597	2E+09	423995	5408569	DC	
35	1997	76	55.0527	2E+09	423515	5408471	DC	
36	1997	77	54.8615	2E+09	423995	5408471	DC	
37	1997	79	54.8447	2E+09	423130	5408372	DC	
38	1997	82	54.6721	2E+09	423418	5408471	DC	
39	1997	83	54.6347	2E+09	423803	5408372	DC	
40	1997	85	54.6027	2E+09	423611	5408471	DC	
41	1997	86	54.4562	2E+09	423707	5408372	DC	
42	1997	87	54.4403	2E+09	423803	5408372	DC	
43	1997	91	54.2928	2E+09	424092	5408471	DC	
44	1997	92	54.2179	2E+09	423707	5408471	DC	
45	1997	97	54.0327	2E+09	423928	5408393	DC	

\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: WPS \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05
1	1996	1	97.1899	2E+09	428808	5412548	DC	Discarded
1	1997	2	91.6986	2E+09	429130	5412623	DC	Discarded
1	1998	14	77.9769	2E+09	429128	5412693	DC	Discarded
1	1999	21	76.2725	2E+09	428808	5412548	DC	Discarded
1	2000	4	88.5286	2E+09	428930	5413023	DC	Discarded
2	1996	6	87.529	2E+09	428930	5412623	DC	Discarded
2	1997	3	89.442	2E+09	428930	5413023	DC	Discarded
2	1998	30	74.2518	2E+09	428808	5412548	DC	Discarded
2	1999	25	75.6869	2E+09	428930	5413023	DC	Discarded
2	2000	5	87.8522	2E+09	428930	5412823	DC	Discarded
3	1996	8	85.465	2E+09	429130	5412823	DC	Discarded
3	1997	9	85.3288	2E+09	428809	5413327	DC	Discarded
3	1998	40	71.7388	2E+09	429530	5412623	DC	Discarded
3	1999	33	73.5279	2E+09	428808	5412548	DC	Discarded
3	2000	7	86.0816	2E+09	428930	5412823	DC	Discarded
4	1996	11	81.693	2E+09	429128	5412693	DC	Discarded
4	1997	10	82.5486	2E+09	429330	5412623	DC	Discarded
4	1998	54	70.6307	2E+09	425130	5414223	DC	Discarded
4	1999	36	72.0016	2E+09	428930	5412623	DC	Discarded
4	2000	12	81.1985	2E+09	429130	5412823	DC	Discarded
5	1996	18	77.2829	2E+09	428930	5413023	DC	Discarded
5	1997	13	80.2779	2E+09	429130	5412823	DC	Discarded
5	1998	59	70.3878	2E+09	429330	5412823	DC	Discarded
5	1999	41	71.4733	2E+09	429530	5412823	DC	Discarded
5	2000	16	77.8196	2E+09	429330	5413023	DC	Discarded
6	1996	22	76.1077	2E+09	428930	5413023	DC	Discarded
6	1997	15	77.8349	2E+09	429128	5413193	DC	Discarded
6	1998	60	70.3594	2E+09	428808	5412548	DC	Discarded
6	1999	46	71.0592	2E+09	427628	5414193	DC	Discarded
6	2000	17	77.6605	2E+09	428808	5412548	DC	Discarded
7	1996	31	73.7064	2E+09	429330	5412823	DC	Discarded
7	1997	20	76.8425	2E+09	429330	5413023	DC	Discarded
7	1998	64	69.9797	2E+09	428808	5412548	DC	Discarded
7	1999	49	70.9638	2E+09	429130	5412623	DC	Discarded
7	2000	19	76.99	2E+09	429128	5413193	DC	Discarded
8	1996	35	72.1696	2E+09	425130	5414223	DC	Discarded
8	1997	24	75.9638	2E+09	428808	5412548	DC	Discarded
8	1998	68	69.4812	2E+09	429128	5412693	DC	Discarded
8	1999	52	70.8094	2E+09	428930	5412823	DC	Discarded
8	2000	23	76.0634	2E+09	428808	5412548	DC	Discarded
9	1996	38	71.7626	2E+09	428808	5412548	DC	Discarded
9	1997	26	75.2296	2E+09	429130	5413223	DC	Discarded
9	1998	77	68.4622	2E+09	429128	5412693	DC	Discarded
9	1999	56	70.5513	2E+09	428808	5412548	DC	Discarded
9	2000	27	74.4772	2E+09	428930	5412623	DC	Discarded
10	1996	42	71.4204	2E+09	428808	5412548	DC	Discarded
10	1997	29	74.3083	2E+09	427930	5414223	DC	Discarded
10	1998	78	68.4278	2E+09	428930	5412623	DC	Discarded
10	1999	65	69.891	2E+09	428930	5412823	DC	Discarded

97.1899



\*\*\* THE MAXIMUM 100 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: WPS \*\*\*

10	2000	28	74.4122	2E+09	429130	5413223	DC	Discarded
11	1996	44	71.2322	2E+09	427730	5414223	DC	Discarded
11	1997	39	71.7414	2E+09	428930	5412623	DC	Discarded
11	1998	79	68.3454	2E+09	429130	5412623	DC	Discarded
11	1999	66	69.8533	2E+09	429128	5412693	DC	
11	2000	32	73.6535	2E+09	427930	5414223	DC	Discarded
12	1996	61	70.3589	2E+09	428809	5413327	DC	Discarded
12	1997	43	71.3877	2E+09	429530	5412623	DC	Discarded
12	1998	85	67.8372	2E+09	429530	5412823	DC	Discarded
12	1999	70	69.4134	2E+09	429128	5412693	DC	
12	2000	34	73.2277	2E+09	429130	5413023	DC	Discarded
13	1996	75	68.6443	2E+09	428330	5414223	DC	
13	1997	45	71.1242	2E+09	428930	5413023	DC	Highest
13	1998	86	67.7606	2E+09	428128	5414193	DC	
13	1999	71	69.3416	2E+09	428930	5412623	DC	
13	2000	37	71.8227	2E+09	428930	5412623	DC	Discarded
14	1996	81	68.2845	2E+09	428930	5412823	DC	
14	1997	47	71.0305	2E+09	427628	5414193	DC	
14	1998	88	67.2594	2E+09	429128	5412693	DC	
14	1999	74	68.9297	2E+09	428628	5414193	DC	
14	2000	48	71.0264	2E+09	429330	5413023	DC	Discarded
15	1996	83	68.204	2E+09	428930	5412623	DC	
15	1997	50	70.9447	2E+09	429130	5413223	DC	
15	1998	92	66.744	2E+09	428930	5412623	DC	
15	2000	53	70.7883	2E+09	429530	5413223	DC	Discarded
16	1996	84	68.1779	2E+09	428628	5414193	DC	
16	1997	51	70.828	2E+09	428930	5413223	DC	
16	1998	100	66.0913	2E+09	428130	5414223	DC	
16	2000	58	70.3943	2E+09	428808	5412548	DC	Discarded
17	1996	93	66.6438	2E+09	429128	5413193	DC	
17	1997	55	70.5921	2E+09	428930	5412823	DC	
17	2000	63	70.0785	2E+09	428930	5413023	DC	
18	1996	94	66.6194	2E+09	429130	5412623	DC	
18	1997	57	70.527	2E+09	429530	5412823	DC	
18	2000	67	69.7535	2E+09	429128	5412693	DC	
19	1996	97	66.2974	2E+09	428930	5412623	DC	
19	1997	62	70.1607	2E+09	428930	5412823	DC	
19	2000	73	69.235	2E+09	429128	5412693	DC	
20	1996	99	66.1081	2E+09	428930	5412823	DC	
20	1997	69	69.4359	2E+09	428930	5413223	DC	
20	2000	72	69.235	2E+09	429128	5412693	DC	
21	1997	76	68.5928	2E+09	429330	5412623	DC	
21	2000	80	68.2998	2E+09	428330	5414223	DC	
22	1997	82	68.2229	2E+09	427930	5414223	DC	
22	2000	87	67.4762	2E+09	429128	5412693	DC	
23	1997	89	67.2223	2E+09	428330	5414423	DC	
23	2000	90	67.0807	2E+09	428809	5413327	DC	
24	1997	91	67.0275	2E+09	429730	5412823	DC	
24	2000	95	66.418	2E+09	429330	5412623	DC	
25	1997	98	66.1783	2E+09	429130	5408823	DC	
25	2000	96	66.3279	2E+09	428130	5414223	DC	

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	1	6.75944	2E+09	429102	5408830	DC	Discarded	6.75944
1	1997	4	6.51325	2E+09	429102	5408830	DC	Discarded	
1	1998	9	5.74308	2E+09	426068	5407740	DC	Discarded	
1	1999	6	5.85593	2E+09	427700	5407741	DC	Discarded	
1	2000	2	6.6362	2E+09	426917	5407750	DC	Discarded	
2	1996	7	5.85342	2E+09	426917	5407750	DC		
2	1997	10	5.62276	2E+09	429272	5408732	DC	Discarded	
2	1998	27	4.93098	2E+09	427720	5407741	DC		
2	1999	12	5.59697	2E+09	427720	5407741	DC	Discarded	
2	2000	3	6.59272	2E+09	429093	5408498	DC	Highest	
3	1996	8	5.75397	2E+09	429272	5408732	DC		
3	1997	16	5.51889	2E+09	429093	5408498	DC		
3	1998	30	4.76282	2E+09	426068	5407740	DC		
3	1999	18	5.27939	2E+09	429093	5408498	DC		
3	2000	5	5.93946	2E+09	429093	5408498	DC		
4	1996	17	5.46832	2E+09	429425	5408830	DC		
4	1997	34	4.67326	2E+09	429425	5408830	DC		
4	1998	31	4.74058	2E+09	428564	5407591	DC		
4	1999	19	5.2672	2E+09	427718	5407601	DC		
4	2000	11	5.61744	2E+09	429272	5408532	DC		
5	1996	24	5.04	2E+09	429093	5408498	DC		
5	1997	38	4.55888	2E+09	429272	5408532	DC		
5	1998	33	4.68157	2E+09	429102	5408830	DC		
5	1999	28	4.91666	2E+09	429102	5408830	DC		
5	2000	13	5.55875	2E+09	429093	5408498	DC		
6	1996	26	4.96981	2E+09	426068	5407740	DC		
6	1997	46	4.36177	2E+09	427720	5407741	DC		
6	1998	36	4.60962	2E+09	427700	5407741	DC		
6	1999	49	4.34349	2E+09	429422	5407591	DC		
6	2000	14	5.54245	2E+09	429102	5408830	DC		
7	1996	52	4.34048	2E+09	429102	5408830	DC		
7	1997	48	4.34375	2E+09	427700	5407741	DC		
7	1998	53	4.32852	2E+09	429102	5408830	DC		
7	1999	62	4.21631	2E+09	429272	5408732	DC		
7	2000	15	5.52015	2E+09	426917	5407750	DC		
8	1996	59	4.27438	2E+09	429102	5408830	DC		
8	1997	61	4.2257	2E+09	429102	5408830	DC		
8	1998	55	4.31616	2E+09	426917	5407750	DC		
8	1999	64	4.18745	2E+09	426068	5407740	DC		
8	2000	20	5.18822	2E+09	427720	5407741	DC		
9	1996	69	4.06017	2E+09	429425	5408830	DC		
9	1997	65	4.11035	2E+09	426068	5407740	DC		
9	1998	58	4.2989	2E+09	424461	5407786	DC		
9	1999	70	4.05933	2E+09	426068	5407740	DC		
9	2000	21	5.17825	2E+09	429272	5408532	DC		
10	1996	72	4.04949	2E+09	429272	5408532	DC		
10	1997	77	3.96645	2E+09	427720	5407741	DC		
10	1998	68	4.06092	2E+09	427718	5407601	DC		
10	2000	22	5.08636	2E+09	429272	5408532	DC		

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL \*\*\*

11	1996	74	4.03694	2E+09	429414	5408504	DC
11	1997	78	3.95861	2E+09	427718	5407601	DC
11	1998	71	4.05637	2E+09	429102	5408830	DC
11	2000	23	5.0457	2E+09	429102	5408830	DC
12	1996	75	4.03563	2E+09	429425	5408830	DC
12	1997	79	3.94725	2E+09	427700	5407741	DC
12	1998	81	3.93625	2E+09	429272	5408732	DC
12	2000	25	4.98202	2E+09	429102	5408830	DC
13	1996	80	3.94446	2E+09	429431	5408490	DC
13	1997	82	3.92932	2E+09	427720	5407741	DC
13	1998	83	3.92579	2E+09	429425	5408830	DC
13	2000	29	4.9115	2E+09	427700	5407741	DC
14	1996	91	3.81395	2E+09	429472	5408132	DC
14	1997	85	3.88326	2E+09	429272	5408732	DC
14	1998	89	3.83352	2E+09	426917	5407750	DC
14	2000	32	4.69231	2E+09	429272	5408732	DC
15	1996	96	3.78331	2E+09	429102	5408830	DC
15	1997	86	3.86276	2E+09	427700	5407741	DC
15	1998	100	3.76321	2E+09	429425	5408830	DC
15	2000	35	4.62042	2E+09	426917	5407750	DC
16	1996	97	3.77921	2E+09	429272	5408732	DC
16	1997	87	3.85881	2E+09	429272	5408532	DC
16	2000	37	4.57979	2E+09	429472	5408332	DC
17	1997	90	3.83237	2E+09	427720	5407741	DC
17	2000	39	4.55013	2E+09	429414	5408504	DC
18	1997	92	3.80787	2E+09	428564	5407591	DC
18	2000	40	4.52933	2E+09	429425	5408830	DC
19	1997	99	3.77066	2E+09	429093	5408498	DC
19	2000	41	4.52803	2E+09	429431	5408490	DC
20	2000	42	4.49036	2E+09	429414	5408504	DC
21	2000	43	4.48461	2E+09	426917	5407750	DC
22	2000	44	4.44266	2E+09	429431	5408490	DC
23	2000	45	4.40787	2E+09	427718	5407601	DC
24	2000	47	4.35421	2E+09	429414	5408504	DC
25	2000	50	4.34208	2E+09	429272	5408732	DC
26	2000	51	4.34074	2E+09	426068	5407740	DC
27	2000	54	4.31686	2E+09	429272	5408732	DC
28	2000	56	4.31359	2E+09	429472	5408332	DC
29	2000	57	4.29958	2E+09	429431	5408490	DC
30	2000	60	4.25426	2E+09	426917	5407750	DC
31	2000	63	4.20676	2E+09	429102	5408830	DC
32	2000	66	4.10397	2E+09	428808	5412548	DC
33	2000	67	4.09422	2E+09	429093	5408498	DC
34	2000	73	4.04502	2E+09	429102	5408830	DC
35	2000	76	3.97243	2E+09	429472	5408332	DC
36	2000	84	3.90147	2E+09	429672	5408132	DC
37	2000	88	3.83413	2E+09	429272	5408532	DC
38	2000	93	3.80199	2E+09	429272	5408732	DC
39	2000	94	3.7921	2E+09	429672	5408332	DC
40	2000	95	3.78784	2E+09	429425	5408830	DC
41	2000	98	3.77192	2E+09	429472	5408132	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05
1	1996	4	5.79993	2E+09	428809	5413327	DC	Discarded
1	1997	33	3.71374	2E+09	429102	5408830	DC	Discarded
1	1998	2	6.30858	2E+09	428808	5412548	DC	Discarded
1	1999	1	6.61954	2E+09	428808	5412548	DC	Discarded
1	2000	11	4.6412	2E+09	428809	5413327	DC	Discarded
2	1996	8	4.86372	2E+09	428817	5414150	DC	
2	1997	37	3.62949	2E+09	429102	5408830	DC	
2	1998	3	6.1754	2E+09	428808	5412548	DC	Highest
2	1999	5	5.67353	2E+09	426917	5407750	DC	
2	2000	15	4.28394	2E+09	428808	5412548	DC	
3	1996	13	4.39186	2E+09	426068	5407740	DC	
3	1997	44	3.48883	2E+09	429272	5408732	DC	
3	1998	10	4.66346	2E+09	424499	5408579	DC	
3	1999	6	5.23289	2E+09	427720	5407741	DC	
3	2000	17	4.20729	2E+09	426068	5407740	DC	
4	1996	18	4.11504	2E+09	429628	5414138	DC	
4	1997	46	3.47367	2E+09	424798	5414204	DC	
4	1998	19	4.11436	2E+09	428817	5414150	DC	
4	1999	7	5.0845	2E+09	427700	5407741	DC	
4	2000	24	3.93711	2E+09	426068	5407740	DC	
5	1996	22	4.00743	2E+09	428808	5412548	DC	
5	1997	50	3.43267	2E+09	429272	5408732	DC	
5	1998	23	3.96659	2E+09	424499	5408579	DC	
5	1999	9	4.74268	2E+09	428809	5413327	DC	
5	2000	26	3.90538	2E+09	428808	5412548	DC	
6	1996	45	3.48143	2E+09	426272	5414932	DC	
6	1997	51	3.4318	2E+09	426917	5407750	DC	
6	1998	25	3.91716	2E+09	427700	5407741	DC	
6	1999	12	4.45227	2E+09	428808	5412548	DC	
6	2000	31	3.74695	2E+09	425276	5407752	DC	
7	1996	47	3.44949	2E+09	429102	5408830	DC	
7	1997	63	3.3221	2E+09	428808	5412548	DC	
7	1998	27	3.88205	2E+09	427718	5407601	DC	
7	1999	14	4.375	2E+09	427718	5407601	DC	
7	2000	34	3.71193	2E+09	426917	5407750	DC	
8	1996	48	3.44877	2E+09	428808	5412548	DC	
8	1997	81	3.21374	2E+09	428809	5413327	DC	
8	1998	28	3.84388	2E+09	427720	5407741	DC	
8	1999	16	4.25028	2E+09	428809	5413327	DC	
8	2000	35	3.63702	2E+09	426068	5407740	DC	
9	1996	55	3.37533	2E+09	426068	5407740	DC	
9	1997	85	3.18436	2E+09	429425	5408830	DC	
9	1998	29	3.78063	2E+09	428808	5412548	DC	
9	1999	20	4.07738	2E+09	429102	5408830	DC	
9	2000	49	3.44325	2E+09	428808	5412548	DC	
10	1996	56	3.36903	2E+09	425276	5407752	DC	
10	1997	88	3.14696	2E+09	428809	5413327	DC	
10	1998	30	3.7675	2E+09	428809	5413327	DC	
10	1999	21	4.02445	2E+09	428809	5413327	DC	

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL \*\*\*

10	2000	53	3.42058	2E+09	425276	5407752	DC
11	1996	73	3.29373	2E+09	429093	5408498	DC
11	1997	90	3.14233	2E+09	424499	5408579	DC
11	1998	38	3.62624	2E+09	429102	5408830	DC
11	1999	32	3.73269	2E+09	428808	5412548	DC
11	2000	54	3.40189	2E+09	428808	5412548	DC
12	1996	79	3.2202	2E+09	429272	5408532	DC
12	1997	93	3.12298	2E+09	429093	5408498	DC
12	1998	39	3.6146	2E+09	424499	5408579	DC
12	1999	36	3.63391	2E+09	428808	5412548	DC
12	2000	66	3.3092	2E+09	429102	5408830	DC
13	1996	87	3.15061	2E+09	429272	5408732	DC
13	1998	41	3.5714	2E+09	428808	5412548	DC
13	1999	40	3.58045	2E+09	426272	5414932	DC
13	2000	69	3.30141	2E+09	428808	5412548	DC
14	1996	91	3.14128	2E+09	424499	5408579	DC
14	1998	42	3.56088	2E+09	428564	5407591	DC
14	1999	43	3.5403	2E+09	429272	5408732	DC
14	2000	74	3.28905	2E+09	427718	5407601	DC
15	1996	92	3.12457	2E+09	427720	5407741	DC
15	1998	57	3.36328	2E+09	429272	5408732	DC
15	1999	52	3.42073	2E+09	424499	5408579	DC
15	2000	75	3.26395	2E+09	427700	5407741	DC
16	1996	95	3.11753	2E+09	427700	5407741	DC
16	1998	58	3.34471	2E+09	427720	5407741	DC
16	1999	60	3.34102	2E+09	427700	5407741	DC
16	2000	76	3.25757	2E+09	426068	5407740	DC
17	1998	59	3.34321	2E+09	426272	5414932	DC
17	1999	61	3.33752	2E+09	428809	5413327	DC
17	2000	77	3.24171	2E+09	426068	5407740	DC
18	1998	64	3.31276	2E+09	427700	5407741	DC
18	1999	62	3.33539	2E+09	427720	5407741	DC
18	2000	78	3.23846	2E+09	424499	5408579	DC
19	1998	67	3.30445	2E+09	428809	5413327	DC
19	1999	65	3.3114	2E+09	424499	5408579	DC
19	2000	80	3.21959	2E+09	424499	5408579	DC
20	1998	68	3.30336	2E+09	429272	5408532	DC
20	1999	70	3.29841	2E+09	426068	5407740	DC
20	2000	83	3.20219	2E+09	426068	5407740	DC
21	1998	71	3.2968	2E+09	424461	5407786	DC
21	1999	82	3.21363	2E+09	428809	5413327	DC
21	2000	86	3.17287	2E+09	425245	5406949	DC
22	1998	72	3.29639	2E+09	429102	5408830	DC
22	1999	84	3.18996	2E+09	428817	5414150	DC
22	2000	94	3.12239	2E+09	430381	5410114	DC
23	1998	89	3.14369	2E+09	426272	5414932	DC
23	1999	96	3.09264	2E+09	426772	5404932	DC
23	2000	100	3.07576	2E+09	429614	5413326	DC
24	1998	97	3.09125	2E+09	427718	5407601	DC
24	1999	99	3.07598	2E+09	427718	5407601	DC
25	1998	98	3.08268	2E+09	426917	5407750	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLAST \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	25	5.80689	2E+09	424499	5408579	DC	Discarded	7.71062
1	1997	56	5.27652	2E+09	424430	5408573	DC	Discarded	
1	1998	1	7.71062	2E+09	424480	5408573	DC	Discarded	
1	1999	22	5.92413	2E+09	425696	5407696	DC	Discarded	
1	2000	17	6.11423	2E+09	426189	5407696	DC	Discarded	
2	1996	27	5.79241	2E+09	424480	5408573	DC	Discarded	
2	1997	63	5.22806	2E+09	424380	5408573	DC	Discarded	
2	1998	2	7.69716	2E+09	424499	5408579	DC	Discarded	
2	1999	34	5.66142	2E+09	425696	5407600	DC	Discarded	
2	2000	21	5.9333	2E+09	426189	5407600	DC	Discarded	
3	1996	31	5.73615	2E+09	424430	5408573	DC	Discarded	
3	1997	72	5.11136	2E+09	424480	5408573	DC	Discarded	
3	1998	3	7.68166	2E+09	424430	5408573	DC	Discarded	
3	1999	36	5.60628	2E+09	425628	5407693	DC	Discarded	
3	2000	28	5.76259	2E+09	424499	5408579	DC	Highest	
4	1996	39	5.53061	2E+09	424430	5408523	DC	Discarded	
4	1997	79	5.05321	2E+09	424499	5408579	DC	Discarded	
4	1998	4	7.4002	2E+09	424430	5408523	DC	Discarded	
4	1999	50	5.32683	2E+09	424499	5408579	DC		
4	2000	30	5.73665	2E+09	426128	5407693	DC		
5	1996	42	5.49566	2E+09	424380	5408573	DC	Discarded	
5	1997	83	5.04319	2E+09	424380	5408523	DC	Discarded	
5	1998	5	7.30743	2E+09	424380	5408573	DC	Discarded	
5	1999	52	5.30021	2E+09	424480	5408573	DC		
5	2000	32	5.67439	2E+09	426189	5407504	DC		
6	1996	45	5.45094	2E+09	424480	5408523	DC	Discarded	
6	1997	97	4.94689	2E+09	424430	5408523	DC	Discarded	
6	1998	6	7.27925	2E+09	424380	5408523	DC	Discarded	
6	1999	58	5.27093	2E+09	425696	5407504	DC		
6	2000	33	5.66622	2E+09	424480	5408573	DC		
7	1996	46	5.42793	2E+09	424380	5408523	DC	Discarded	
7	1998	7	7.19059	2E+09	424480	5408523	DC	Discarded	
7	1999	65	5.22475	2E+09	424499	5408579	DC		
7	2000	41	5.51453	2E+09	424480	5408523	DC		
8	1996	57	5.27215	2E+09	424380	5408473	DC	Discarded	
8	1998	8	7.0816	2E+09	424380	5408473	DC	Discarded	
8	1999	68	5.18982	2E+09	424430	5408573	DC		
8	2000	49	5.33543	2E+09	424430	5408573	DC		
9	1996	62	5.24787	2E+09	424430	5408473	DC	Discarded	
9	1998	9	6.976	2E+09	424430	5408473	DC	Discarded	
9	1999	74	5.10257	2E+09	424480	5408573	DC		
9	2000	51	5.3234	2E+09	424430	5408523	DC		
10	1996	77	5.05734	2E+09	424480	5408473	DC	Discarded	
10	1998	10	6.75064	2E+09	424380	5408423	DC	Discarded	
10	1999	82	5.04327	2E+09	424430	5408523	DC		
10	2000	55	5.27813	2E+09	424480	5408473	DC		
11	1996	81	5.04572	2E+09	424380	5408423	DC	Discarded	
11	1998	11	6.62575	2E+09	424328	5408393	DC	Discarded	
11	1999	84	5.04295	2E+09	424480	5408523	DC		

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLAST \*\*\*

11	2000	61	5.25244	2E+09	426068	5407740	DC	
12	1998	12	6.58177	2E+09	424480	5408473	DC	Discarded
12	1999	85	5.02875	2E+09	425794	5407696	DC	
12	2000	64	5.22658	2E+09	424430	5408473	DC	
13	1998	13	6.4742	2E+09	424284	5408471	DC	Discarded
13	1999	88	5.01669	2E+09	424480	5408523	DC	
13	2000	67	5.20023	2E+09	426189	5407408	DC	
14	1998	14	6.46151	2E+09	424284	5408372	DC	Discarded
14	1999	94	4.96299	2E+09	424480	5408473	DC	
14	2000	70	5.16371	2E+09	426091	5407696	DC	
15	1998	15	6.45917	2E+09	424430	5408423	DC	Discarded
15	1999	95	4.95507	2E+09	425628	5407193	DC	
15	2000	78	5.05672	2E+09	424430	5408423	DC	
16	1998	16	6.31388	2E+09	424380	5408373	DC	Discarded
16	2000	89	4.99227	2E+09	424380	5408473	DC	
17	1998	18	5.95624	2E+09	424284	5408273	DC	Discarded
17	2000	90	4.98785	2E+09	426288	5407408	DC	
18	1998	19	5.9396	2E+09	424284	5408569	DC	Discarded
18	2000	91	4.98102	2E+09	426288	5407504	DC	
19	1998	20	5.93651	2E+09	424480	5408423	DC	Discarded
19	2000	92	4.97801	2E+09	424480	5408423	DC	
20	1998	23	5.87906	2E+09	424430	5408373	DC	Discarded
20	2000	93	4.97123	2E+09	424380	5408523	DC	
21	1998	24	5.87373	2E+09	424188	5408273	DC	Discarded
21	2000	99	4.94612	2E+09	424380	5408423	DC	
22	1998	26	5.80525	2E+09	424380	5408323	DC	Discarded
23	1998	29	5.73749	2E+09	424188	5408372	DC	Discarded
24	1998	35	5.63406	2E+09	424380	5408573	DC	
25	1998	37	5.57874	2E+09	424284	5408569	DC	
26	1998	38	5.54111	2E+09	424216	5408177	DC	
27	1998	40	5.52267	2E+09	424128	5408193	DC	
28	1998	43	5.49282	2E+09	424430	5408573	DC	
29	1998	44	5.45908	2E+09	424117	5408177	DC	
30	1998	47	5.36649	2E+09	424499	5408579	DC	
31	1998	48	5.35557	2E+09	424480	5408573	DC	
32	1998	53	5.28755	2E+09	424430	5408323	DC	
33	1998	54	5.28545	2E+09	424480	5408373	DC	
34	1998	59	5.26902	2E+09	424380	5408273	DC	
35	1998	60	5.25607	2E+09	424380	5408523	DC	
36	1998	66	5.21209	2E+09	424117	5408081	DC	
37	1998	69	5.16646	2E+09	424188	5408471	DC	
38	1998	71	5.13241	2E+09	424284	5408471	DC	
39	1998	73	5.10845	2E+09	424430	5408523	DC	
40	1998	75	5.09356	2E+09	424092	5408273	DC	
41	1998	76	5.08145	2E+09	426068	5407740	DC	
42	1998	80	5.04887	2E+09	424188	5408471	DC	
43	1998	86	5.0226	2E+09	424480	5408523	DC	
44	1998	87	5.02242	2E+09	426128	5407693	DC	
45	1998	96	4.94824	2E+09	424328	5408193	DC	
46	1998	98	4.94682	2E+09	424018	5408081	DC	
47	1998	100	4.94297	2E+09	426091	5407696	DC	

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CONST\_HR \*\*\*

RANK BY ' YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	8 4.58624	2E+09	420767	5413450	DC	Discarded	4.88521
1	1997	2 4.80182	2E+09	420767	5413450	DC	Discarded	
1	1998	1 4.88521	2E+09	420767	5413450	DC	Discarded	
1	1999	4 4.64386	2E+09	420767	5413450	DC	Discarded	
1	2000	21 4.41806	2E+09	420767	5413450	DC	Discarded	
2	1996	18 4.45618	2E+09	420728	5413493	DC	Discarded	
2	1997	3 4.68777	2E+09	420767	5413450	DC	Highest	
2	1998	5 4.6417	2E+09	420728	5413493	DC	Discarded	
2	1999	19 4.44094	2E+09	420728	5413493	DC	Discarded	
2	2000	27 4.31109	2E+09	420728	5413493	DC	Discarded	
3	1996	23 4.36201	2E+09	420728	5413543	DC	Discarded	
3	1997	6 4.60537	2E+09	420628	5413493	DC		
3	1998	15 4.46342	2E+09	420678	5413493	DC	Discarded	
3	1999	24 4.35286	2E+09	420678	5413493	DC	Discarded	
3	2000	36 4.25549	2E+09	420678	5413493	DC	Discarded	
4	1996	34 4.2655	2E+09	420678	5413493	DC	Discarded	
4	1997	7 4.59078	2E+09	420678	5413493	DC		
4	1998	16 4.46232	2E+09	420728	5413543	DC	Discarded	
4	1999	38 4.24592	2E+09	420728	5413543	DC	Discarded	
4	2000	55 4.15644	2E+09	420767	5413450	DC		
5	1996	40 4.23445	2E+09	420728	5413593	DC	Discarded	
5	1997	9 4.56517	2E+09	420578	5413493	DC		
5	1998	29 4.30311	2E+09	420678	5413543	DC	Discarded	
5	1999	45 4.2067	2E+09	420628	5413493	DC	Discarded	
5	2000	57 4.14404	2E+09	420628	5413493	DC		
6	1996	43 4.20999	2E+09	420678	5413543	DC	Discarded	
6	1997	10 4.53471	2E+09	420528	5413493	DC		
6	1998	30 4.2999	2E+09	420628	5413493	DC	Discarded	
6	1999	47 4.19896	2E+09	420678	5413543	DC	Discarded	
6	2000	59 4.13846	2E+09	420728	5413543	DC		
7	1996	54 4.15674	2E+09	420730	5413623	DC	Discarded	
7	1997	11 4.51265	2E+09	420728	5413493	DC		
7	1998	32 4.27703	2E+09	420728	5413593	DC	Discarded	
7	1999	62 4.1219	2E+09	420628	5413543	DC	Discarded	
7	2000	61 4.12253	2E+09	420767	5413450	DC		
8	1996	60 4.12533	2E+09	420678	5413593	DC	Discarded	
8	1997	12 4.50858	2E+09	420728	5413493	DC		
8	1998	49 4.18087	2E+09	420730	5413623	DC	Discarded	
8	1999	72 4.04115	2E+09	420728	5413593	DC	Discarded	
8	2000	64 4.10134	2E+09	420678	5413543	DC		
9	1996	68 4.08374	2E+09	420728	5413643	DC	Discarded	
9	1997	13 4.50607	2E+09	420428	5413493	DC		
9	1998	51 4.17126	2E+09	420578	5413493	DC	Discarded	
9	1999	75 4.01992	2E+09	420678	5413593	DC	Discarded	
9	2000	74 4.02032	2E+09	420628	5413543	DC		
10	1996	78 4.01408	2E+09	420678	5413643	DC	Discarded	
10	1997	14 4.50357	2E+09	420478	5413493	DC		



\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CONST\_HR \*\*\*

10	1998	53	4.15775	2E+09	420628	5413543	DC	Discarded
10	1999	86	3.99532	2E+09	420628	5413593	DC	Discarded
10	2000	76	4.01746	2E+09	420728	5413493	DC	
11	1996	90	3.98582	2E+09	420628	5413493	DC	Discarded
11	1997	17	4.45776	2E+09	420378	5413493	DC	
11	1998	58	4.14263	2E+09	420678	5413593	DC	Discarded
11	1999	95	3.97407	2E+09	420578	5413493	DC	Discarded
11	2000	85	4.00045	2E+09	420578	5413493	DC	
12	1996	91	3.98328	2E+09	420628	5413543	DC	Discarded
12	1997	20	4.42205	2E+09	420728	5413543	DC	
12	1998	66	4.09208	2E+09	420728	5413643	DC	Discarded
12	1999	98	3.94868	2E+09	420578	5413543	DC	Discarded
13	1996	99	3.94858	2E+09	420628	5413593	DC	Discarded
13	1997	22	4.37449	2E+09	420328	5413493	DC	
13	1998	69	4.08062	2E+09	420528	5413493	DC	Discarded
14	1997	25	4.34107	2E+09	420728	5413593	DC	
14	1998	73	4.02127	2E+09	420578	5413543	DC	Discarded
15	1997	26	4.31926	2E+09	420730	5413623	DC	
15	1998	80	4.01278	2E+09	420628	5413593	DC	Discarded
16	1997	28	4.30747	2E+09	420628	5413543	DC	
16	1998	92	3.98234	2E+09	420678	5413643	DC	Discarded
17	1997	31	4.27777	2E+09	420578	5413543	DC	
17	1998	96	3.96467	2E+09	420478	5413493	DC	Discarded
18	1997	33	4.27007	2E+09	420278	5413493	DC	
19	1997	35	4.26388	2E+09	420728	5413643	DC	
20	1997	37	4.25545	2E+09	420678	5413543	DC	
21	1997	39	4.23956	2E+09	420428	5413543	DC	
22	1997	41	4.2193	2E+09	420528	5413543	DC	
23	1997	42	4.21499	2E+09	420478	5413543	DC	
24	1997	44	4.20798	2E+09	420378	5413543	DC	
25	1997	46	4.20556	2E+09	420678	5413493	DC	
26	1997	48	4.19843	2E+09	420728	5413693	DC	
27	1997	50	4.17509	2E+09	420228	5413493	DC	
28	1997	52	4.15851	2E+09	420728	5413543	DC	
29	1997	56	4.1534	2E+09	420328	5413543	DC	
30	1997	63	4.11375	2E+09	420728	5413743	DC	
31	1997	65	4.09517	2E+09	420678	5413543	DC	
32	1997	67	4.08822	2E+09	420278	5413543	DC	
33	1997	70	4.04716	2E+09	420228	5413543	DC	
34	1997	71	4.04424	2E+09	420728	5413793	DC	
35	1997	77	4.01466	2E+09	420578	5413593	DC	
36	1997	79	4.01301	2E+09	420628	5413593	DC	
37	1997	81	4.00867	2E+09	420678	5413593	DC	
38	1997	82	4.00378	2E+09	420528	5413593	DC	
39	1997	83	4.00203	2E+09	420730	5413823	DC	
40	1997	84	4.00084	2E+09	420178	5413493	DC	
41	1997	87	3.99478	2E+09	420378	5413593	DC	
42	1997	88	3.99399	2E+09	420428	5413593	DC	
43	1997	89	3.99278	2E+09	420478	5413593	DC	
44	1997	93	3.98148	2E+09	420628	5413493	DC	
45	1997	94	3.97732	2E+09	420328	5413593	DC	
46	1997	97	3.96235	2E+09	420728	5413843	DC	
47	1997	100	3.94142	2E+09	420178	5413543	DC	

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DC6 \*\*\*

RANK BY ' YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	2 1.65186	2E+09	428817	5414150	DC	Discarded	1.74978
1	1997	20 1.28644	2E+09	429422	5407591	DC	Discarded	
1	1998	4 1.5178	2E+09	424461	5407786	DC	Discarded	
1	1999	1 1.74978	2E+09	428808	5412548	DC	Discarded	
1	2000	6 1.44816	2E+09	428808	5412548	DC	Discarded	
2	1996	3 1.54197	2E+09	428809	5413327	DC	Highest	
2	1997	49 1.13086	2E+09	430381	5410114	DC		
2	1998	23 1.26705	2E+09	423599	5406990	DC	Discarded	
2	1999	5 1.48972	2E+09	429272	5408532	DC		
2	2000	8 1.40706	2E+09	430381	5410114	DC		
3	1996	9 1.37552	2E+09	426068	5407740	DC		
3	1997	52 1.11389	2E+09	424798	5414204	DC		
3	1998	28 1.21683	2E+09	428809	5413327	DC		
3	1999	7 1.41704	2E+09	429472	5408332	DC		
3	2000	12 1.3519	2E+09	426068	5407740	DC		
4	1996	18 1.31031	2E+09	426068	5407740	DC		
4	1997	56 1.0922	2E+09	424798	5414204	DC		
4	1998	30 1.21421	2E+09	428808	5412548	DC		
4	1999	10 1.36906	2E+09	429093	5408498	DC		
4	2000	15 1.3299	2E+09	428809	5413327	DC		
5	1996	21 1.2818	2E+09	425276	5407752	DC		
5	1997	76 1.05712	2E+09	429272	5408532	DC		
5	1998	31 1.21065	2E+09	424499	5408579	DC		
5	1999	11 1.35654	2E+09	428809	5413327	DC		
5	2000	32 1.20415	2E+09	425245	5406949	DC		
6	1996	34 1.19542	2E+09	428808	5412548	DC		
6	1997	85 1.04374	2E+09	424798	5414204	DC		
6	1998	33 1.19912	2E+09	426272	5414932	DC		
6	1999	13 1.34877	2E+09	428808	5412548	DC		
6	2000	35 1.18759	2E+09	425276	5407752	DC		
7	1996	36 1.18219	2E+09	430381	5410114	DC		
7	1997	87 1.04198	2E+09	424792	5414601	DC		
7	1998	40 1.16321	2E+09	428809	5413327	DC		
7	1999	14 1.3368	2E+09	429614	5413326	DC		
7	2000	38 1.17661	2E+09	425276	5407752	DC		
8	1996	44 1.14594	2E+09	429272	5408732	DC		
8	1997	89 1.04005	2E+09	428809	5413327	DC		
8	1998	43 1.15212	2E+09	429093	5408498	DC		
8	1999	16 1.31632	2E+09	429672	5408132	DC		
8	2000	39 1.16665	2E+09	425276	5407752	DC		
9	1996	46 1.14308	2E+09	429102	5408830	DC		
9	1997	92 1.03659	2E+09	428808	5412548	DC		
9	1998	57 1.09036	2E+09	427720	5407741	DC		
9	1999	17 1.31031	2E+09	429472	5408132	DC		
9	2000	42 1.15289	2E+09	428808	5412548	DC		
10	1996	53 1.10539	2E+09	428809	5413327	DC		
10	1997	95 1.02568	2E+09	424792	5414601	DC		

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DC6 \*\*\*

10	1998	65	1.07844	2E+09	424798	5414204	DC
10	1999	19	1.29923	2E+09	429102	5408830	DC
10	2000	45	1.14575	2E+09	429093	5408498	DC
11	1996	58	1.08718	2E+09	428817	5414150	DC
11	1998	68	1.06796	2E+09	430422	5413312	DC
11	1999	22	1.27033	2E+09	429425	5408830	DC
11	2000	48	1.13103	2E+09	426068	5407740	DC
12	1996	61	1.08327	2E+09	430381	5410114	DC
12	1998	74	1.05966	2E+09	427700	5407741	DC
12	1999	24	1.25783	2E+09	429414	5408504	DC
12	2000	50	1.12215	2E+09	431997	5410087	DC
13	1996	62	1.083	2E+09	426272	5414932	DC
13	1998	80	1.05525	2E+09	428817	5414150	DC
13	1999	25	1.25195	2E+09	429431	5408490	DC
13	2000	51	1.11748	2E+09	428808	5412548	DC
14	1996	63	1.08125	2E+09	429628	5414138	DC
14	1998	83	1.05457	2E+09	428809	5413327	DC
14	1999	26	1.24642	2E+09	428809	5413327	DC
14	2000	59	1.08509	2E+09	424792	5414601	DC
15	1996	72	1.06666	2E+09	429425	5408830	DC
15	1998	100	1.01937	2E+09	424499	5408579	DC
15	1999	27	1.23107	2E+09	429672	5407932	DC
15	2000	60	1.08431	2E+09	429093	5408498	DC
16	1996	73	1.06084	2E+09	425245	5406949	DC
16	1999	29	1.21621	2E+09	428817	5414150	DC
16	2000	64	1.07914	2E+09	428808	5412548	DC
17	1996	79	1.0555	2E+09	424798	5414204	DC
17	1999	37	1.1801	2E+09	426917	5407750	DC
17	2000	67	1.06952	2E+09	424798	5414204	DC
18	1996	82	1.05514	2E+09	424798	5414204	DC
18	1999	41	1.16062	2E+09	429872	5407932	DC
18	2000	69	1.06724	2E+09	428808	5412548	DC
19	1996	86	1.04246	2E+09	423997	5414610	DC
19	1999	47	1.13555	2E+09	428808	5412548	DC
19	2000	70	1.06693	2E+09	429102	5408830	DC
20	1996	90	1.03873	2E+09	424461	5407786	DC
20	1999	54	1.10279	2E+09	428809	5413327	DC
20	2000	84	1.04381	2E+09	425245	5406949	DC
21	1996	97	1.0244	2E+09	429093	5408498	DC
21	1999	55	1.09911	2E+09	428808	5412548	DC
21	2000	91	1.03843	2E+09	427272	5415932	DC
22	1999	66	1.06961	2E+09	430072	5408332	DC
22	2000	99	1.01975	2E+09	429093	5408498	DC
23	1999	71	1.06686	2E+09	424792	5414601	DC
24	1999	75	1.05887	2E+09	428808	5412548	DC
25	1999	77	1.05647	2E+09	424798	5414204	DC
26	1999	78	1.05647	2E+09	430203	5407573	DC
27	1999	81	1.05521	2E+09	430381	5410114	DC
28	1999	88	1.0408	2E+09	429672	5408332	DC
29	1999	93	1.03215	2E+09	426772	5404932	DC
30	1999	94	1.03121	2E+09	429272	5408732	DC
31	1999	96	1.02555	2E+09	426272	5414932	DC
32	1999	98	1.0222	2E+09	430222	5408485	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EF5 \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	2	1.8001	2E+09	428817	5414150	DC	Discarded	1.88137
1	1997	29	1.28612	2E+09	429422	5407591	DC	Discarded	
1	1998	4	1.57589	2E+09	424461	5407786	DC	Discarded	
1	1999	1	1.88137	2E+09	428808	5412548	DC	Discarded	
1	2000	5	1.56026	2E+09	428808	5412548	DC	Discarded	
2	1996	3	1.68065	2E+09	428809	5413327	DC	Highest	
2	1997	43	1.21332	2E+09	430381	5410114	DC		
2	1998	19	1.34558	2E+09	428808	5412548	DC		
2	1999	6	1.5333	2E+09	429272	5408532	DC		
2	2000	8	1.52104	2E+09	430381	5410114	DC		
3	1996	9	1.47322	2E+09	426068	5407740	DC		
3	1997	56	1.15834	2E+09	424798	5414204	DC		
3	1998	24	1.32311	2E+09	428809	5413327	DC		
3	1999	7	1.52401	2E+09	428808	5412548	DC		
3	2000	12	1.42233	2E+09	426068	5407740	DC		
4	1996	18	1.35163	2E+09	426068	5407740	DC		
4	1997	76	1.10384	2E+09	424798	5414204	DC		
4	1998	26	1.30308	2E+09	423599	5406990	DC		
4	1999	10	1.46177	2E+09	429472	5408332	DC		
4	2000	13	1.40638	2E+09	428809	5413327	DC		
5	1996	23	1.32436	2E+09	425276	5407752	DC		
5	1997	77	1.1025	2E+09	428809	5413327	DC		
5	1998	30	1.28248	2E+09	424499	5408579	DC		
5	1999	11	1.45064	2E+09	428809	5413327	DC		
5	2000	32	1.26182	2E+09	428808	5412548	DC		
6	1996	28	1.29834	2E+09	428808	5412548	DC		
6	1997	79	1.0984	2E+09	424792	5414601	DC		
6	1998	33	1.25504	2E+09	428809	5413327	DC		
6	1999	14	1.4014	2E+09	429614	5413326	DC		
6	2000	35	1.25135	2E+09	425276	5407752	DC		
7	1996	38	1.23633	2E+09	430381	5410114	DC		
7	1997	85	1.08863	2E+09	429272	5408532	DC		
7	1998	40	1.23001	2E+09	426272	5414932	DC		
7	1999	15	1.39812	2E+09	429102	5408830	DC		
7	2000	36	1.24828	2E+09	425276	5407752	DC		
8	1996	46	1.19699	2E+09	428817	5414150	DC		
8	1997	86	1.08583	2E+09	428808	5412548	DC		
8	1998	54	1.16865	2E+09	429093	5408498	DC		
8	1999	16	1.3744	2E+09	429672	5408132	DC		
8	2000	41	1.22853	2E+09	428808	5412548	DC		
9	1996	49	1.18003	2E+09	429628	5414138	DC		
9	1997	98	1.06229	2E+09	424798	5414204	DC		
9	1998	69	1.11988	2E+09	427720	5407741	DC		
9	1999	17	1.35196	2E+09	426917	5407750	DC		
9	2000	42	1.22504	2E+09	425245	5406949	DC		
10	1996	51	1.17427	2E+09	428809	5413327	DC		
10	1998	70	1.11904	2E+09	428809	5413327	DC		
10	1999	20	1.33503	2E+09	429414	5408504	DC		
10	2000	44	1.21086	2E+09	426068	5407740	DC		

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EF5 \*\*\*

11	1996	55	1.16827	2E+09	430381	5410114	DC
11	1998	72	1.11286	2E+09	428817	5414150	DC
11	1999	21	1.33226	2E+09	429093	5408498	DC
11	2000	47	1.18509	2E+09	425276	5407752	DC
12	1996	62	1.13718	2E+09	429272	5408732	DC
12	1998	73	1.10983	2E+09	430422	5413312	DC
12	1999	22	1.32951	2E+09	429431	5408490	DC
12	2000	50	1.17946	2E+09	431997	5410087	DC
13	1996	66	1.12726	2E+09	429649	5415650	DC
13	1998	78	1.10018	2E+09	424798	5414204	DC
13	1999	25	1.31012	2E+09	429472	5408132	DC
13	2000	53	1.16946	2E+09	429093	5408498	DC
14	1996	67	1.12481	2E+09	426272	5414932	DC
14	1998	88	1.08262	2E+09	427700	5407741	DC
14	1999	27	1.29966	2E+09	428809	5413327	DC
14	2000	57	1.15302	2E+09	428808	5412548	DC
15	1996	71	1.11324	2E+09	429102	5408830	DC
15	1998	91	1.07537	2E+09	424499	5408579	DC
15	1999	31	1.2791	2E+09	428817	5414150	DC
15	2000	58	1.14753	2E+09	431202	5410899	DC
16	1996	74	1.10895	2E+09	424461	5407786	DC
16	1999	34	1.25166	2E+09	429425	5408830	DC
16	2000	60	1.13821	2E+09	424792	5414601	DC
17	1996	80	1.0969	2E+09	425245	5406949	DC
17	1999	37	1.23951	2E+09	428808	5412548	DC
17	2000	63	1.13655	2E+09	425245	5406949	DC
18	1996	81	1.09346	2E+09	424798	5414204	DC
18	1999	39	1.23198	2E+09	429672	5407932	DC
18	2000	65	1.12842	2E+09	428808	5412548	DC
19	1996	95	1.07043	2E+09	429093	5408498	DC
19	1999	45	1.20552	2E+09	429872	5407932	DC
19	2000	75	1.10587	2E+09	429093	5408498	DC
20	1996	100	1.05471	2E+09	429425	5408830	DC
20	1999	48	1.18054	2E+09	428808	5412548	DC
20	2000	82	1.09287	2E+09	424798	5414204	DC
21	1999	52	1.17331	2E+09	428809	5413327	DC
21	2000	89	1.07818	2E+09	424499	5408579	DC
22	1999	59	1.143	2E+09	428808	5412548	DC
22	2000	96	1.06737	2E+09	429102	5408830	DC
23	1999	61	1.13765	2E+09	430381	5410114	DC
24	1999	64	1.1351	2E+09	429272	5408732	DC
25	1999	68	1.12476	2E+09	429672	5408332	DC
26	1999	83	1.09232	2E+09	430222	5408485	DC
27	1999	84	1.09192	2E+09	430203	5407573	DC
28	1999	87	1.08387	2E+09	424798	5414204	DC
29	1999	90	1.07571	2E+09	426772	5404932	DC
30	1999	92	1.07515	2E+09	424792	5414601	DC
31	1999	93	1.07513	2E+09	429872	5408132	DC
32	1999	94	1.0713	2E+09	428809	5413327	DC
33	1999	97	1.06518	2E+09	430072	5408332	DC
34	1999	99	1.05754	2E+09	429628	5414138	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EMRSS \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	21	3.92165	2E+09	424380	5408573	DC	Discarded	4.42204
1	1998	44	3.71975	2E+09	423328	5408593	DC	Discarded	
1	2000	1	4.42204	2E+09	424380	5408573	DC	Discarded	
2	1996	23	3.89794	2E+09	424284	5408569	DC	Discarded	
2	1998	47	3.70203	2E+09	423322	5408569	DC	Discarded	
2	2000	2	4.37768	2E+09	424430	5408573	DC	Discarded	
3	1996	27	3.86342	2E+09	424430	5408573	DC	Discarded	
3	1998	53	3.67538	2E+09	423418	5408569	DC	Discarded	
3	2000	3	4.36397	2E+09	424284	5408569	DC	Discarded	
4	1996	29	3.82041	2E+09	424380	5408523	DC	Discarded	
4	1998	66	3.59169	2E+09	423226	5408569	DC	Discarded	
4	2000	4	4.31059	2E+09	424380	5408523	DC	Discarded	
5	1996	38	3.76214	2E+09	424480	5408573	DC	Discarded	
5	1998	72	3.54516	2E+09	423226	5408471	DC	Discarded	
5	2000	5	4.28944	2E+09	424480	5408573	DC	Discarded	
6	1996	39	3.75592	2E+09	424430	5408523	DC	Discarded	
6	1998	77	3.53913	2E+09	423322	5408471	DC	Discarded	
6	2000	6	4.26489	2E+09	424499	5408579	DC	Discarded	
7	1996	40	3.73316	2E+09	424284	5408471	DC	Discarded	
7	1998	83	3.50373	2E+09	423515	5408569	DC	Discarded	
7	2000	7	4.25538	2E+09	424430	5408523	DC	Discarded	
8	1996	41	3.73024	2E+09	424499	5408579	DC	Discarded	
8	2000	8	4.19577	2E+09	424284	5408471	DC	Discarded	
9	1996	42	3.72749	2E+09	424188	5408569	DC	Discarded	
9	2000	9	4.19324	2E+09	424380	5408473	DC	Discarded	
10	1996	45	3.71533	2E+09	424380	5408473	DC	Discarded	
10	2000	10	4.15958	2E+09	424480	5408523	DC	Discarded	
11	1996	57	3.65096	2E+09	424480	5408523	DC	Discarded	
11	2000	11	4.13252	2E+09	424188	5408569	DC	Discarded	
12	1996	58	3.64717	2E+09	424430	5408473	DC	Discarded	
12	2000	12	4.13045	2E+09	424430	5408473	DC	Discarded	
13	1996	60	3.62906	2E+09	424380	5408423	DC	Discarded	
13	2000	13	4.09469	2E+09	424380	5408423	DC	Discarded	
14	1996	62	3.62646	2E+09	424188	5408471	DC	Discarded	
14	2000	14	4.06574	2E+09	424328	5408393	DC	Discarded	
15	1996	65	3.60831	2E+09	424328	5408393	DC	Discarded	
15	2000	15	4.05054	2E+09	424188	5408471	DC	Discarded	
16	1996	67	3.58794	2E+09	424284	5408372	DC	Discarded	
16	2000	16	4.04199	2E+09	424284	5408372	DC	Discarded	
17	1996	70	3.55715	2E+09	424430	5408423	DC	Discarded	
17	2000	17	4.03018	2E+09	424480	5408473	DC	Discarded	
18	1996	75	3.54407	2E+09	424380	5408373	DC	Discarded	
18	2000	18	4.02427	2E+09	424430	5408423	DC	Discarded	
19	1996	76	3.54091	2E+09	424480	5408473	DC	Discarded	
19	2000	19	3.996	2E+09	424380	5408373	DC	Discarded	
20	1996	84	3.49938	2E+09	424188	5408372	DC	Discarded	
20	2000	20	3.93235	2E+09	424188	5408372	DC	Discarded	
21	1996	85	3.49035	2E+09	424092	5408569	DC	Discarded	
21	2000	22	3.91583	2E+09	424480	5408423	DC	Discarded	
22	1996	90	3.44574	2E+09	424430	5408373	DC	Discarded	
22	2000	24	3.89458	2E+09	424430	5408373	DC	Discarded	
23	1996	91	3.44572	2E+09	424480	5408423	DC	Discarded	
23	2000	25	3.87876	2E+09	424380	5408323	DC	Discarded	

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EMRSS \*\*\*

24	1996	93	3.44291	2E+09	424380	5408323	DC	Discarded
24	2000	26	3.86887	2E+09	424284	5408273	DC	Discarded
25	1996	94	3.43957	2E+09	424092	5408471	DC	Discarded
25	2000	28	3.83118	2E+09	424128	5408393	DC	Discarded
26	1996	96	3.43391	2E+09	424128	5408393	DC	Discarded
26	2000	30	3.81507	2E+09	424188	5408273	DC	Discarded
27	1996	97	3.43179	2E+09	424284	5408273	DC	Discarded
27	2000	31	3.7949	2E+09	424092	5408569	DC	Discarded
28	2000	32	3.79191	2E+09	424092	5408569	DC	Highest
29	2000	33	3.79083	2E+09	424430	5408323	DC	
30	2000	34	3.78545	2E+09	424480	5408373	DC	
31	2000	35	3.78535	2E+09	424380	5408273	DC	
32	2000	36	3.78432	2E+09	424092	5408471	DC	
33	2000	37	3.77557	2E+09	424188	5408569	DC	
34	2000	43	3.72141	2E+09	424092	5408372	DC	
35	2000	46	3.70983	2E+09	424216	5408177	DC	
36	2000	48	3.69857	2E+09	424328	5408193	DC	
37	2000	49	3.69658	2E+09	424092	5408471	DC	
38	2000	50	3.69476	2E+09	424284	5408569	DC	
39	2000	51	3.68959	2E+09	424430	5408273	DC	
40	2000	52	3.67806	2E+09	424314	5408177	DC	
41	2000	54	3.67274	2E+09	424480	5408323	DC	
42	2000	55	3.66279	2E+09	424092	5408273	DC	
43	2000	56	3.65526	2E+09	424128	5408193	DC	
44	2000	59	3.64616	2E+09	423995	5408569	DC	
45	2000	61	3.62698	2E+09	423995	5408471	DC	
46	2000	63	3.62139	2E+09	424188	5408471	DC	
47	2000	64	3.61566	2E+09	424117	5408177	DC	
48	2000	68	3.56367	2E+09	423995	5408372	DC	
49	2000	69	3.56275	2E+09	424480	5408273	DC	
50	2000	71	3.55266	2E+09	424216	5408081	DC	
51	2000	73	3.54478	2E+09	424092	5408372	DC	
52	2000	74	3.54474	2E+09	424128	5408393	DC	
53	2000	78	3.53505	2E+09	424413	5408177	DC	
54	2000	79	3.52081	2E+09	424380	5408573	DC	
55	2000	80	3.51513	2E+09	424117	5408081	DC	
56	2000	81	3.50926	2E+09	423928	5408393	DC	
57	2000	82	3.5041	2E+09	424314	5408081	DC	
58	2000	86	3.48191	2E+09	424284	5408471	DC	
59	2000	87	3.47656	2E+09	423995	5408273	DC	
60	2000	88	3.46742	2E+09	423899	5408372	DC	
61	2000	89	3.46188	2E+09	423995	5408569	DC	
62	2000	92	3.44484	2E+09	423899	5408273	DC	
63	2000	95	3.4366	2E+09	424188	5408372	DC	
64	2000	98	3.42957	2E+09	424092	5408569	DC	
65	2000	99	3.42428	2E+09	423899	5408471	DC	
66	2000	100	3.42163	2E+09	424018	5408177	DC	

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EOUTCR \*\*\*

RANK BY ' YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05
1 1996	11	3.83153	2E+09	428808	5412548	DC	Discarded
1 1997	16	3.5978	2E+09	429102	5408830	DC	Discarded
1 1998	4	4.1163	2E+09	427720	5407741	DC	Discarded
1 1999	1	4.41313	2E+09	426917	5407750	DC	Discarded
1 2000	5	4.07533	2E+09	426068	5407740	DC	Discarded
2 1996	12	3.73352	2E+09	429102	5408830	DC	
2 1997	26	3.41527	2E+09	426917	5407750	DC	
2 1998	6	4.00905	2E+09	427700	5407741	DC	Discarded
2 1999	2	4.20093	2E+09	427700	5407741	DC	Highest
2 2000	7	3.98142	2E+09	426068	5407740	DC	
3 1996	17	3.58881	2E+09	429102	5408830	DC	
3 1997	37	3.20873	2E+09	429093	5408498	DC	
3 1998	13	3.68635	2E+09	427700	5407741	DC	
3 1999	3	4.16911	2E+09	427720	5407741	DC	
3 2000	24	3.43943	2E+09	426068	5407740	DC	
4 1996	19	3.57049	2E+09	426068	5407740	DC	
4 1997	49	3.05837	2E+09	429425	5408830	DC	
4 1998	14	3.66781	2E+09	426068	5407740	DC	
4 1999	8	3.90743	2E+09	427700	5407741	DC	
4 2000	27	3.41307	2E+09	426068	5407740	DC	
5 1996	23	3.52913	2E+09	429093	5408498	DC	
5 1997	52	3.00152	2E+09	429272	5408732	DC	
5 1998	18	3.58424	2E+09	427718	5407601	DC	
5 1999	9	3.87029	2E+09	427718	5407601	DC	
5 2000	28	3.4038	2E+09	426917	5407750	DC	
6 1996	29	3.33995	2E+09	429272	5408532	DC	
6 1997	57	2.96454	2E+09	429272	5408532	DC	
6 1998	20	3.56205	2E+09	427720	5407741	DC	
6 1999	10	3.83899	2E+09	427720	5407741	DC	
6 2000	36	3.24047	2E+09	429102	5408830	DC	
7 1996	32	3.31085	2E+09	429272	5408732	DC	
7 1997	60	2.92796	2E+09	428564	5407591	DC	
7 1998	25	3.43757	2E+09	427718	5407601	DC	
7 1999	15	3.64968	2E+09	427718	5407601	DC	
7 2000	41	3.15503	2E+09	429102	5408830	DC	
8 1996	35	3.25311	2E+09	429102	5408830	DC	
8 1997	62	2.86091	2E+09	429102	5408830	DC	
8 1998	30	3.33461	2E+09	427720	5407741	DC	
8 1999	21	3.54808	2E+09	428564	5407591	DC	
8 2000	42	3.15339	2E+09	429102	5408830	DC	
9 1996	39	3.20183	2E+09	429425	5408830	DC	
9 1997	66	2.83218	2E+09	427720	5407741	DC	
9 1998	31	3.32246	2E+09	427700	5407741	DC	
9 1999	22	3.53836	2E+09	429102	5408830	DC	
9 2000	43	3.14744	2E+09	429093	5408498	DC	
10 1996	44	3.1303	2E+09	429272	5408732	DC	
10 1997	67	2.80839	2E+09	426068	5407740	DC	



\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EOUTCR \*\*\*

10	1998	33	3.3068	2E+09	424499	5408579	DC
10	1999	34	3.25461	2E+09	429425	5408830	DC
10	2000	46	3.06862	2E+09	429425	5408830	DC
11	1996	45	3.08282	2E+09	426068	5407740	DC
11	1997	81	2.70469	2E+09	427700	5407741	DC
11	1998	38	3.20227	2E+09	429102	5408830	DC
11	1999	47	3.06691	2E+09	427720	5407741	DC
11	2000	48	3.06087	2E+09	429425	5408830	DC
12	1996	50	3.044	2E+09	429414	5408504	DC
12	1997	86	2.67404	2E+09	429414	5408504	DC
12	1998	40	3.17982	2E+09	423617	5407779	DC
12	1999	51	3.02417	2E+09	427700	5407741	DC
12	2000	56	2.97871	2E+09	429102	5408830	DC
13	1996	53	2.99866	2E+09	429431	5408490	DC
13	1997	88	2.66756	2E+09	426068	5407740	DC
13	1998	54	2.99865	2E+09	427718	5407601	DC
13	1999	63	2.85242	2E+09	429272	5408732	DC
13	2000	61	2.88041	2E+09	429272	5408732	DC
14	1996	55	2.98525	2E+09	426917	5407750	DC
14	1997	89	2.65581	2E+09	429272	5408732	DC
14	1998	58	2.94678	2E+09	424461	5407786	DC
14	1999	69	2.7985	2E+09	426068	5407740	DC
14	2000	65	2.83683	2E+09	429093	5408498	DC
15	1996	70	2.79762	2E+09	429425	5408830	DC
15	1997	91	2.64421	2E+09	429102	5408830	DC
15	1998	59	2.938	2E+09	426068	5407740	DC
15	1999	87	2.67401	2E+09	427718	5407601	DC
15	2000	68	2.79886	2E+09	429272	5408532	DC
16	1996	76	2.75573	2E+09	429272	5408732	DC
16	1997	92	2.64414	2E+09	429431	5408490	DC
16	1998	64	2.84853	2E+09	425245	5406949	DC
16	1999	98	2.58226	2E+09	426917	5407750	DC
16	2000	73	2.77005	2E+09	426917	5407750	DC
17	1996	82	2.69437	2E+09	429472	5408332	DC
17	1998	71	2.78917	2E+09	429272	5408732	DC
17	1999	99	2.57691	2E+09	425276	5407752	DC
17	2000	75	2.76069	2E+09	424461	5407786	DC
18	1996	84	2.68566	2E+09	428808	5412548	DC
18	1998	72	2.78686	2E+09	426068	5407740	DC
18	2000	78	2.74198	2E+09	429093	5408498	DC
19	1998	74	2.76459	2E+09	426068	5407740	DC
19	2000	80	2.70988	2E+09	426917	5407750	DC
20	1998	77	2.74687	2E+09	426068	5407740	DC
20	2000	85	2.68294	2E+09	427720	5407741	DC
21	1998	79	2.71757	2E+09	427700	5407741	DC
21	2000	90	2.64433	2E+09	424499	5408579	DC
22	1998	83	2.69235	2E+09	427720	5407741	DC
22	2000	93	2.64079	2E+09	429272	5408732	DC
23	1998	95	2.62608	2E+09	426068	5407740	DC
23	2000	94	2.63699	2E+09	426917	5407750	DC
24	1998	96	2.61342	2E+09	429093	5408498	DC
24	2000	97	2.59315	2E+09	429272	5408732	DC
25	2000	100	2.57546	2E+09	427700	5407741	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EOUTCR \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05		
1	1996	11	3.83153	2E+09	428808	5412548	DC	Discarded	<b>Max</b>	<b>4.41313</b>
1	1997	16	3.5978	2E+09	429102	5408830	DC	Discarded		
1	1998	4	4.1163	2E+09	427720	5407741	DC	Discarded		
1	1999	1	4.41313	2E+09	426917	5407750	DC	Discarded		
1	2000	5	4.07533	2E+09	426068	5407740	DC	Discarded		
2	1996	12	3.73352	2E+09	429102	5408830	DC			
2	1997	26	3.41527	2E+09	426917	5407750	DC			
2	1998	6	4.00905	2E+09	427700	5407741	DC	Discarded		
2	1999	2	4.20093	2E+09	427700	5407741	DC	Highest		
2	2000	7	3.98142	2E+09	426068	5407740	DC			
3	1996	17	3.58881	2E+09	429102	5408830	DC			
3	1997	37	3.20873	2E+09	429093	5408498	DC			
3	1998	13	3.68635	2E+09	427700	5407741	DC			
3	1999	3	4.16911	2E+09	427720	5407741	DC			
3	2000	24	3.43943	2E+09	426068	5407740	DC			
4	1996	19	3.57049	2E+09	426068	5407740	DC			
4	1997	49	3.05837	2E+09	429425	5408830	DC			
4	1998	14	3.66781	2E+09	426068	5407740	DC			
4	1999	8	3.90743	2E+09	427700	5407741	DC			
4	2000	27	3.41307	2E+09	426068	5407740	DC			
5	1996	23	3.52913	2E+09	429093	5408498	DC			
5	1997	52	3.00152	2E+09	429272	5408732	DC			
5	1998	18	3.58424	2E+09	427718	5407601	DC			
5	1999	9	3.87029	2E+09	427718	5407601	DC			
5	2000	28	3.4038	2E+09	426917	5407750	DC			
6	1996	29	3.33995	2E+09	429272	5408532	DC			
6	1997	57	2.96454	2E+09	429272	5408532	DC			
6	1998	20	3.56205	2E+09	427720	5407741	DC			
6	1999	10	3.83899	2E+09	427720	5407741	DC			
6	2000	36	3.24047	2E+09	429102	5408830	DC			
7	1996	32	3.31085	2E+09	429272	5408732	DC			
7	1997	60	2.92796	2E+09	428564	5407591	DC			
7	1998	25	3.43757	2E+09	427718	5407601	DC			
7	1999	15	3.64968	2E+09	427718	5407601	DC			
7	2000	41	3.15503	2E+09	429102	5408830	DC			
8	1996	35	3.25311	2E+09	429102	5408830	DC			
8	1997	62	2.86091	2E+09	429102	5408830	DC			
8	1998	30	3.33461	2E+09	427720	5407741	DC			
8	1999	21	3.54808	2E+09	428564	5407591	DC			
8	2000	42	3.15339	2E+09	429102	5408830	DC			
9	1996	39	3.20183	2E+09	429425	5408830	DC			
9	1997	66	2.83218	2E+09	427720	5407741	DC			
9	1998	31	3.32246	2E+09	427700	5407741	DC			
9	1999	22	3.53836	2E+09	429102	5408830	DC			
9	2000	43	3.14744	2E+09	429093	5408498	DC			
10	1996	44	3.1303	2E+09	429272	5408732	DC			
10	1997	67	2.80839	2E+09	426068	5407740	DC			
10	1998	33	3.3068	2E+09	424499	5408579	DC			
10	1999	34	3.25461	2E+09	429425	5408830	DC			
10	2000	46	3.06862	2E+09	429425	5408830	DC			
11	1996	45	3.08282	2E+09	426068	5407740	DC			
11	1997	81	2.70469	2E+09	427700	5407741	DC			
11	1998	38	3.20227	2E+09	429102	5408830	DC			
11	1999	47	3.06691	2E+09	427720	5407741	DC			
11	2000	48	3.06087	2E+09	429425	5408830	DC			
12	1996	50	3.044	2E+09	429414	5408504	DC			
12	1997	86	2.67404	2E+09	429414	5408504	DC			

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EOUTCR \*\*\*

12	1998	40	3.17982	2E+09	423617	5407779	DC
12	1999	51	3.02417	2E+09	427700	5407741	DC
12	2000	56	2.97871	2E+09	429102	5408830	DC
13	1996	53	2.99866	2E+09	429431	5408490	DC
13	1997	88	2.66756	2E+09	426068	5407740	DC
13	1998	54	2.99865	2E+09	427718	5407601	DC
13	1999	63	2.85242	2E+09	429272	5408732	DC
13	2000	61	2.88041	2E+09	429272	5408732	DC
14	1996	55	2.98525	2E+09	426917	5407750	DC
14	1997	89	2.65581	2E+09	429272	5408732	DC
14	1998	58	2.94678	2E+09	424461	5407786	DC
14	1999	69	2.7985	2E+09	426068	5407740	DC
14	2000	65	2.83683	2E+09	429093	5408498	DC
15	1996	70	2.79762	2E+09	429425	5408830	DC
15	1997	91	2.64421	2E+09	429102	5408830	DC
15	1998	59	2.938	2E+09	426068	5407740	DC
15	1999	87	2.67401	2E+09	427718	5407601	DC
15	2000	68	2.79886	2E+09	429272	5408532	DC
16	1996	76	2.75573	2E+09	429272	5408732	DC
16	1997	92	2.64414	2E+09	429431	5408490	DC
16	1998	64	2.84853	2E+09	425245	5406949	DC
16	1999	98	2.58226	2E+09	426917	5407750	DC
16	2000	73	2.77005	2E+09	426917	5407750	DC
17	1996	82	2.69437	2E+09	429472	5408332	DC
17	1998	71	2.78917	2E+09	429272	5408732	DC
17	1999	99	2.57691	2E+09	425276	5407752	DC
17	2000	75	2.76069	2E+09	424461	5407786	DC
18	1996	84	2.68566	2E+09	428808	5412548	DC
18	1998	72	2.78686	2E+09	426068	5407740	DC
18	2000	78	2.74198	2E+09	429093	5408498	DC
19	1998	74	2.76459	2E+09	426068	5407740	DC
19	2000	80	2.70988	2E+09	426917	5407750	DC
20	1998	77	2.74687	2E+09	426068	5407740	DC
20	2000	85	2.68294	2E+09	427720	5407741	DC
21	1998	79	2.71757	2E+09	427700	5407741	DC
21	2000	90	2.64433	2E+09	424499	5408579	DC
22	1998	83	2.69235	2E+09	427720	5407741	DC
22	2000	93	2.64079	2E+09	429272	5408732	DC
23	1998	95	2.62608	2E+09	426068	5407740	DC
23	2000	94	2.63699	2E+09	426917	5407750	DC
24	1998	96	2.61342	2E+09	429093	5408498	DC
24	2000	97	2.59315	2E+09	429272	5408732	DC
25	2000	100	2.57546	2E+09	427700	5407741	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HCND1 \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	Max	<u>2.97782</u>
1	1996	1	2.97782	2E+09	428817	5414150	DC	Discarded		
1	1997	32	2.24816	2E+09	429272	5408532	DC	Discarded		
1	1998	4	2.73166	2E+09	427720	5407741	DC	Discarded		
1	1999	2	2.82294	2E+09	429272	5408532	DC	Discarded		
1	2000	10	2.56736	2E+09	428808	5412548	DC	Discarded		
2	1996	3	2.82089	2E+09	428809	5413327	DC	Highest		
2	1997	35	2.231	2E+09	429422	5407591	DC			
2	1998	7	2.67861	2E+09	427700	5407741	DC	Discarded		
2	1999	5	2.69686	2E+09	428808	5412548	DC			
2	2000	11	2.5252	2E+09	430381	5410114	DC			
3	1996	18	2.42837	2E+09	429650	5415747	DC			
3	1997	39	2.20197	2E+09	424798	5414204	DC			
3	1998	13	2.49976	2E+09	424499	5408579	DC			
3	1999	6	2.69637	2E+09	426917	5407750	DC			
3	2000	12	2.51942	2E+09	425276	5407752	DC			
4	1996	20	2.40468	2E+09	429649	5415650	DC			
4	1997	41	2.1818	2E+09	429472	5408332	DC			
4	1998	16	2.4706	2E+09	427718	5407601	DC			
4	1999	8	2.65567	2E+09	429472	5408332	DC			
4	2000	28	2.32139	2E+09	431202	5410899	DC			
5	1996	24	2.3704	2E+09	426068	5407740	DC			
5	1997	49	2.10404	2E+09	429672	5408132	DC			
5	1998	21	2.38692	2E+09	426272	5414932	DC			
5	1999	9	2.62783	2E+09	429102	5408830	DC			
5	2000	31	2.25843	2E+09	425276	5407752	DC			
6	1996	25	2.37033	2E+09	429628	5414138	DC			
6	1997	60	2.03234	2E+09	426917	5407750	DC			
6	1998	26	2.37032	2E+09	428808	5412548	DC			
6	1999	14	2.49829	2E+09	428808	5412548	DC			
6	2000	34	2.23492	2E+09	429093	5408498	DC			
7	1996	46	2.1272	2E+09	428808	5412548	DC			
7	1997	61	2.03162	2E+09	429414	5408504	DC			
7	1998	29	2.30773	2E+09	426272	5414932	DC			
7	1999	15	2.47107	2E+09	429414	5408504	DC			
7	2000	36	2.21616	2E+09	428809	5413327	DC			
8	1996	55	2.08212	2E+09	430381	5410114	DC			
8	1997	65	2.01523	2E+09	429431	5408490	DC			
8	1998	47	2.12306	2E+09	428809	5413327	DC			
8	1999	17	2.45448	2E+09	429431	5408490	DC			
8	2000	37	2.21227	2E+09	426068	5407740	DC			
9	1996	63	2.02464	2E+09	425276	5407752	DC			
9	1997	66	2.00494	2E+09	424798	5414204	DC			
9	1998	50	2.10216	2E+09	424499	5408579	DC			
9	1999	19	2.41406	2E+09	429672	5408132	DC			
9	2000	40	2.1923	2E+09	424792	5414601	DC			
10	1996	64	2.02038	2E+09	428817	5414150	DC			
10	1997	69	1.97217	2E+09	422806	5407802	DC			
10	1998	51	2.10176	2E+09	424461	5407786	DC			
10	1999	22	2.38181	2E+09	428809	5413327	DC			
10	2000	44	2.17252	2E+09	428808	5412548	DC			
11	1996	79	1.92313	2E+09	424798	5414204	DC			
11	1997	73	1.94674	2E+09	429872	5407932	DC			
11	1998	52	2.09779	2E+09	428809	5413327	DC			
11	1999	23	2.37943	2E+09	428809	5413327	DC			
11	2000	45	2.14488	2E+09	424798	5414204	DC			
12	1996	94	1.8495	2E+09	424792	5414601	DC			
12	1997	78	1.92508	2E+09	429102	5408830	DC			

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HCND1 \*\*\*

12	1998	62	2.02548	2E+09	426272	5414932	DC
12	1999	27	2.34337	2E+09	428809	5413327	DC
12	2000	53	2.09257	2E+09	426068	5407740	DC
13	1996	95	1.84757	2E+09	426272	5414932	DC
13	1997	83	1.88781	2E+09	424798	5414204	DC
13	1998	71	1.95212	2E+09	428817	5414150	DC
13	1999	30	2.29472	2E+09	429093	5408498	DC
13	2000	54	2.08582	2E+09	426272	5414932	DC
14	1998	74	1.94334	2E+09	429093	5408498	DC
14	1999	33	2.24781	2E+09	429472	5408132	DC
14	2000	57	2.0593	2E+09	424499	5408579	DC
15	1998	80	1.91025	2E+09	428809	5413327	DC
15	1999	38	2.20766	2E+09	429272	5408732	DC
15	2000	58	2.03578	2E+09	424461	5407786	DC
16	1998	81	1.90634	2E+09	423599	5406990	DC
16	1999	42	2.18118	2E+09	428808	5412548	DC
16	2000	75	1.94125	2E+09	426068	5407740	DC
17	1998	90	1.85589	2E+09	430407	5412512	DC
17	1999	43	2.18071	2E+09	429872	5407932	DC
17	2000	76	1.93741	2E+09	429093	5408498	DC
18	1998	92	1.85212	2E+09	429628	5414138	DC
18	1999	48	2.10719	2E+09	429672	5407932	DC
18	2000	77	1.92799	2E+09	427718	5407601	DC
19	1998	96	1.84717	2E+09	424499	5408579	DC
19	1999	56	2.06433	2E+09	429614	5413326	DC
19	2000	87	1.8647	2E+09	427272	5415932	DC
20	1998	98	1.83871	2E+09	427720	5407741	DC
20	1999	59	2.0344	2E+09	429672	5408332	DC
20	2000	88	1.86246	2E+09	425276	5407752	DC
21	1999	67	1.99358	2E+09	428809	5413327	DC
21	2000	89	1.86165	2E+09	429472	5408132	DC
22	1999	68	1.9855	2E+09	429425	5408830	DC
22	2000	93	1.85011	2E+09	425276	5407752	DC
23	1999	70	1.96811	2E+09	430381	5410114	DC
24	1999	72	1.9508	2E+09	428817	5414150	DC
25	1999	82	1.90057	2E+09	430203	5407573	DC
26	1999	84	1.8865	2E+09	430222	5408485	DC
27	1999	85	1.88558	2E+09	429872	5408132	DC
28	1999	86	1.87131	2E+09	424798	5414204	DC
29	1999	91	1.85359	2E+09	424499	5408579	DC
30	1999	97	1.83962	2E+09	429628	5414138	DC
31	1999	99	1.8348	2E+09	426068	5407740	DC
32	1999	100	1.83241	2E+09	429628	5414138	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HCND2 \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05
1	1996	1	2.86181	2E+09	428817	5414150	DC	Discarded
1	1997	34	2.18929	2E+09	429422	5407591	DC	Discarded
1	1998	2	2.78886	2E+09	427720	5407741	DC	Discarded
1	1999	5	2.70675	2E+09	426917	5407750	DC	Discarded
1	2000	7	2.57511	2E+09	425276	5407752	DC	Discarded
2	1996	3	2.78371	2E+09	428809	5413327	DC	Highest
2	1997	37	2.13364	2E+09	429272	5408532	DC	
2	1998	4	2.72858	2E+09	427700	5407741	DC	Discarded
2	1999	6	2.70425	2E+09	429272	5408532	DC	
2	2000	9	2.52263	2E+09	428808	5412548	DC	
3	1996	15	2.40676	2E+09	426068	5407740	DC	
3	1997	38	2.12641	2E+09	426917	5407750	DC	
3	1998	10	2.50393	2E+09	427718	5407601	DC	Discarded
3	1999	8	2.5524	2E+09	429472	5408332	DC	
3	2000	14	2.44255	2E+09	430381	5410114	DC	
4	1996	17	2.37974	2E+09	429650	5415747	DC	
4	1997	42	2.10155	2E+09	424798	5414204	DC	
4	1998	16	2.39879	2E+09	424499	5408579	DC	
4	1999	11	2.50062	2E+09	428808	5412548	DC	
4	2000	26	2.26847	2E+09	425276	5407752	DC	
5	1996	18	2.3715	2E+09	429649	5415650	DC	
5	1997	45	2.08203	2E+09	429472	5408332	DC	
5	1998	29	2.24319	2E+09	426272	5414932	DC	
5	1999	12	2.46373	2E+09	429102	5408830	DC	
5	2000	27	2.25722	2E+09	426068	5407740	DC	
6	1996	19	2.34738	2E+09	429628	5414138	DC	
6	1997	59	2.01883	2E+09	429672	5408132	DC	
6	1998	30	2.24032	2E+09	426272	5414932	DC	
6	1999	13	2.46091	2E+09	428808	5412548	DC	
6	2000	32	2.20994	2E+09	428809	5413327	DC	
7	1996	51	2.05882	2E+09	425276	5407752	DC	
7	1997	70	1.91554	2E+09	422806	5407802	DC	
7	1998	33	2.20725	2E+09	428808	5412548	DC	
7	1999	20	2.34034	2E+09	429414	5408504	DC	
7	2000	35	2.14548	2E+09	429093	5408498	DC	
8	1996	55	2.03063	2E+09	428808	5412548	DC	
8	1997	71	1.89885	2E+09	424798	5414204	DC	
8	1998	36	2.13939	2E+09	424461	5407786	DC	
8	1999	21	2.33975	2E+09	428809	5413327	DC	
8	2000	39	2.12602	2E+09	424792	5414601	DC	
9	1996	63	1.96474	2E+09	428817	5414150	DC	
9	1997	76	1.87484	2E+09	429872	5407932	DC	
9	1998	46	2.07629	2E+09	428809	5413327	DC	
9	1999	22	2.33926	2E+09	428809	5413327	DC	
9	2000	41	2.10642	2E+09	426068	5407740	DC	
10	1996	66	1.94609	2E+09	430381	5410114	DC	
10	1997	81	1.85458	2E+09	429414	5408504	DC	
10	1998	49	2.06178	2E+09	428809	5413327	DC	
10	1999	23	2.33033	2E+09	429093	5408498	DC	

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HCND2 \*\*\*

10	2000	47	2.06635	2E+09	424798	5414204	DC
11	1996	90	1.8375	2E+09	424798	5414204	DC
11	1997	83	1.8514	2E+09	428809	5413327	DC
11	1998	58	2.0203	2E+09	424499	5408579	DC
11	1999	24	2.32662	2E+09	429431	5408490	DC
11	2000	52	2.04742	2E+09	424461	5407786	DC
12	1996	94	1.81642	2E+09	426272	5414932	DC
12	1997	88	1.83958	2E+09	429431	5408490	DC
12	1998	60	1.98413	2E+09	426272	5414932	DC
12	1999	25	2.31349	2E+09	429672	5408132	DC
12	2000	53	2.04335	2E+09	428808	5412548	DC
13	1996	99	1.78391	2E+09	424792	5414601	DC
13	1997	92	1.82654	2E+09	427720	5407741	DC
13	1998	64	1.95251	2E+09	430407	5412512	DC
13	1999	28	2.24816	2E+09	429472	5408132	DC
13	2000	54	2.03606	2E+09	431202	5410899	DC
14	1997	96	1.80432	2E+09	424798	5414204	DC
14	1998	69	1.916	2E+09	427720	5407741	DC
14	1999	31	2.22822	2E+09	428809	5413327	DC
14	2000	56	2.02923	2E+09	426272	5414932	DC
15	1998	73	1.89431	2E+09	429093	5408498	DC
15	1999	40	2.12037	2E+09	429672	5407932	DC
15	2000	61	1.97891	2E+09	427718	5407601	DC
16	1998	74	1.88007	2E+09	423599	5406990	DC
16	1999	43	2.09695	2E+09	429872	5407932	DC
16	2000	62	1.97728	2E+09	424499	5408579	DC
17	1998	78	1.86555	2E+09	428817	5414150	DC
17	1999	44	2.08309	2E+09	428808	5412548	DC
17	2000	65	1.95195	2E+09	426068	5407740	DC
18	1998	86	1.84466	2E+09	427700	5407741	DC
18	1999	48	2.06523	2E+09	429614	5413326	DC
18	2000	72	1.89543	2E+09	429093	5408498	DC
19	1998	87	1.83962	2E+09	428809	5413327	DC
19	1999	50	2.06024	2E+09	429272	5408732	DC
19	2000	75	1.87675	2E+09	425276	5407752	DC
20	1998	91	1.82998	2E+09	429628	5414138	DC
20	1999	57	2.0271	2E+09	429425	5408830	DC
20	2000	79	1.86373	2E+09	425276	5407752	DC
21	1998	98	1.7964	2E+09	424499	5408579	DC
21	1999	67	1.9344	2E+09	429672	5408332	DC
21	2000	80	1.855	2E+09	426068	5407740	DC
22	1999	68	1.93035	2E+09	428817	5414150	DC
22	2000	82	1.85379	2E+09	425245	5406949	DC
23	1999	77	1.86652	2E+09	428809	5413327	DC
23	2000	89	1.83928	2E+09	427272	5415932	DC
24	1999	84	1.84755	2E+09	430203	5407573	DC
25	1999	85	1.84649	2E+09	426068	5407740	DC
26	1999	93	1.82593	2E+09	429628	5414138	DC
27	1999	95	1.80514	2E+09	429872	5408132	DC
28	1999	97	1.80241	2E+09	430222	5408485	DC
29	1999	100	1.782	2E+09	429628	5414138	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: INPITHR \*\*\*

RANK BY ' YEAR	RANK	CONC	YYYYMMDDH	XR	YR	TYPE	Ontario Reg. 419/05		
1	1998	1	4.46598	1998012024	423610.8	5408569	DC	Discarded	4.46598
1	1999	65	3.18798	1999012024	424380	5408573	DC	Discarded	
1	2000	51	3.34121	2000010324	423899.2	5408569	DC	Discarded	
2	1998	2	4.45838	1998012024	423706.9	5408569	DC	Discarded	
2	1999	66	3.1807	1999012024	424430	5408573	DC	Discarded	
2	2000	53	3.33719	2000010324	423803.1	5408569	DC	Discarded	
3	1998	3	4.42157	1998012024	423514.6	5408569	DC	Discarded	
3	1999	67	3.1791	1999012024	424498.6	5408579.2	DC	Discarded	
3	2000	58	3.29286	2000010324	423995.4	5408569	DC	Discarded	
4	1998	4	4.39555	1998012024	423803.1	5408569	DC	Discarded	
4	1999	70	3.16834	1999021724	424498.6	5408579.2	DC	Highest	
4	2000	62	3.25192	2000010324	423706.9	5408569	DC	Discarded	
5	1998	5	4.32913	1998012024	423418.5	5408569	DC	Discarded	
5	1999	71	3.16613	1999012024	424480	5408573	DC		
5	2000	64	3.20255	2000010324	424091.5	5408569	DC	Discarded	
6	1998	6	4.24135	1998012024	423899.2	5408569	DC	Discarded	
6	1999	72	3.16509	1999012024	424283.8	5408569	DC		
6	2000	68	3.17754	2000010324	423706.9	5408470.5	DC	Discarded	
7	1998	7	4.19959	1998012024	423322.3	5408569	DC	Discarded	
7	1999	76	3.15105	1999021724	424480	5408573	DC		
7	2000	69	3.17339	2000010324	423803.1	5408470.5	DC	Discarded	
8	1998	8	4.19099	1998012024	423328	5408593	DC	Discarded	
8	1999	79	3.12942	1999021724	424430	5408573	DC		
8	2000	80	3.12297	2000010324	423610.8	5408569	DC	Discarded	
9	1998	9	4.15442	1998012024	423514.6	5408470.5	DC	Discarded	
9	1999	82	3.1113	1999120324	424498.6	5408579.2	DC		
9	2000	81	3.11172	2000010324	423610.8	5408470.5	DC	Discarded	
10	1998	10	4.13152	1998012024	423418.5	5408470.5	DC	Discarded	
10	1999	83	3.10911	1999012024	424187.7	5408569	DC		
10	2000	85	3.09428	2000010324	423899.2	5408470.5	DC	Discarded	
11	1998	11	4.12252	1998012024	423610.8	5408470.5	DC	Discarded	
11	1999	84	3.09554	1999021724	424380	5408573	DC		
11	2000	98	3.0381	2000010324	424187.7	5408569	DC	Discarded	
12	1998	12	4.10288	1998012024	423322.3	5408470.5	DC	Discarded	
12	1999	87	3.07745	1999120324	424480	5408573	DC		
13	1998	13	4.06469	1998012024	423226.2	5408569	DC	Discarded	
13	1999	88	3.06947	1999021724	424480	5408523	DC		
14	1998	14	4.06184	1998012024	423706.9	5408470.5	DC	Discarded	
14	1999	89	3.06715	1999120324	424480	5408523	DC		
15	1998	15	4.05657	1998012024	423995.4	5408569	DC	Discarded	
15	1999	93	3.05755	1999021724	424430	5408523	DC		
16	1998	16	4.04064	1998012024	423226.2	5408470.5	DC	Discarded	
16	1999	94	3.05737	1999012024	424380	5408523	DC		
17	1998	17	3.94846	1998012024	423130	5408470.5	DC	Discarded	
17	1999	95	3.05244	1999012024	424091.5	5408569	DC		
18	1998	18	3.93318	1998012024	423803.1	5408470.5	DC	Discarded	
18	1999	97	3.04237	1999012024	424430	5408523	DC		



\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: INPITHR \*\*\*

19	1998	19	3.91223	1998012024	423328	5408393	DC	Discarded
19	1999	99	3.03653	1999120324	424480	5408473	DC	
20	1998	20	3.90582	1998012024	423130	5408569	DC	Discarded
20	1999	100	3.03493	1999021724	424380	5408523	DC	
21	1998	21	3.88042	1998012024	423128	5408393	DC	Discarded
22	1998	22	3.88029	1998012024	423226.2	5408371.5	DC	Discarded
23	1998	23	3.86255	1998012024	423528	5408393	DC	Discarded
24	1998	24	3.86249	1998012024	424091.5	5408569	DC	Discarded
25	1998	25	3.86176	1998012024	423128	5408593	DC	Discarded
26	1998	26	3.85859	1998012024	423130	5408371.5	DC	Discarded
27	1998	27	3.84748	1998012024	423322.3	5408371.5	DC	Discarded
28	1998	28	3.82073	1998012024	423418.5	5408371.5	DC	Discarded
29	1998	29	3.78047	1998012024	423514.6	5408371.5	DC	Discarded
30	1998	30	3.74339	1998012024	423899.2	5408470.5	DC	Discarded
31	1998	31	3.71354	1998012024	423610.8	5408371.5	DC	Discarded
32	1998	32	3.69641	1998012024	423728	5408393	DC	Discarded
33	1998	33	3.65905	1998012024	422928	5408393	DC	Discarded
34	1998	34	3.65879	1998012024	422930	5408423	DC	Discarded
35	1998	35	3.64427	1998012024	423130	5408273	DC	Discarded
36	1998	36	3.62632	1998012024	423706.9	5408371.5	DC	Discarded
37	1998	37	3.61635	1998012024	424187.7	5408569	DC	Discarded
38	1998	38	3.61618	1998012024	423226.2	5408273	DC	Discarded
39	1998	39	3.53538	1998012024	423995.4	5408470.5	DC	Discarded
40	1998	40	3.50891	1998012024	423322.3	5408273	DC	Discarded
41	1998	41	3.49837	1998012024	422930	5408223	DC	Discarded
42	1998	42	3.47821	1998012024	423803.1	5408371.5	DC	Discarded
43	1998	43	3.45109	1998012024	423418.5	5408273	DC	Discarded
44	1998	44	3.44293	1998012024	422928	5408193	DC	Discarded
45	1998	45	3.42049	1998012024	423128	5408193	DC	Discarded
46	1998	46	3.38969	1998012024	424283.8	5408569	DC	Discarded
47	1998	47	3.38425	1998012024	422928	5408593	DC	Discarded
48	1998	48	3.36845	1998012024	423130	5408177	DC	Discarded
49	1998	49	3.36683	1998012024	423514.6	5408273	DC	Discarded
50	1998	50	3.36534	1998012024	422730	5408223	DC	Discarded
51	1998	52	3.33816	1998012024	422728	5408393	DC	Discarded
52	1998	54	3.3358	1998012024	422728	5408193	DC	Discarded
53	1998	55	3.31179	1998012024	424091.5	5408470.5	DC	Discarded
54	1998	56	3.30045	1998012024	423928	5408393	DC	Discarded
55	1998	57	3.29299	1998012024	422730	5408423	DC	Discarded
56	1998	59	3.28518	1998012024	423228.7	5408177	DC	Discarded
57	1998	60	3.27416	1998012024	423610.8	5408273	DC	Discarded
58	1998	61	3.26773	1998012024	423899.2	5408371.5	DC	Discarded
59	1998	63	3.21807	1998012024	423328	5408193	DC	Discarded
60	1998	73	3.1559	1998012024	423327.4	5408177	DC	Discarded
61	1998	74	3.15305	1998012024	424380	5408573	DC	Discarded
62	1998	75	3.15133	1998012024	422528	5408193	DC	Discarded
63	1998	77	3.14913	1998012024	422530	5408223	DC	Discarded
64	1998	78	3.13523	1998012024	423706.9	5408273	DC	Discarded
65	1998	86	3.08061	1998012024	422488.5	5408106	DC	Discarded
66	1998	90	3.06013	1998012024	424187.7	5408470.5	DC	Discarded
67	1998	91	3.0582	1998012024	423426.1	5408177	DC	Discarded
68	1998	92	3.0576	1998012024	422730	5408023	DC	Discarded
69	1998	96	3.05039	1998012024	423130	5408080.5	DC	Discarded

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LEACH1 \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	3	3.51922	2E+09	428628	5414193	DC	Discarded	3.55142
1	1997	7	3.40072	2E+09	427330	5414223	DC	Discarded	
1	1998	64	2.99239	2E+09	427628	5414193	DC	Discarded	
1	1999	1	3.55142	2E+09	428808	5412548	DC	Discarded	
1	2000	2	3.54065	2E+09	426928	5414193	DC	Discarded	
2	1996	10	3.36026	2E+09	428730	5414423	DC	Discarded	
2	1997	26	3.2484	2E+09	427128	5414193	DC		
2	1998	70	2.95958	2E+09	425530	5414223	DC		
2	1999	5	3.47767	2E+09	426683	5407696	DC	Highest	
2	2000	4	3.48257	2E+09	426930	5414223	DC	Discarded	
3	1996	14	3.3196	2E+09	428730	5414223	DC	Discarded	
3	1997	34	3.19409	2E+09	427130	5414223	DC		
3	1998	76	2.93858	2E+09	427530	5414223	DC		
3	1999	6	3.45842	2E+09	426628	5407693	DC		
3	2000	11	3.35539	2E+09	426728	5414193	DC	Discarded	
4	1996	24	3.26252	2E+09	428809	5413327	DC		
4	1997	48	3.08279	2E+09	427330	5414423	DC		
4	1998	87	2.86245	2E+09	426328	5414193	DC		
4	1999	8	3.39116	2E+09	426584	5407696	DC		
4	2000	12	3.34745	2E+09	427128	5414193	DC		
5	1996	41	3.13125	2E+09	428530	5414223	DC		
5	1997	50	3.07202	2E+09	427330	5414223	DC		
5	1998	88	2.8609	2E+09	428808	5412548	DC		
5	1999	9	3.38202	2E+09	426683	5407600	DC		
5	2000	13	3.33837	2E+09	427930	5414423	DC		
6	1997	65	2.97955	2E+09	427330	5414423	DC		
6	1998	93	2.84351	2E+09	425530	5414223	DC		
6	1999	16	3.31323	2E+09	426683	5407504	DC		
6	2000	15	3.31427	2E+09	426730	5414223	DC		
7	1997	80	2.91515	2E+09	427128	5414393	DC		
7	1998	98	2.82764	2E+09	427730	5414223	DC		
7	1999	17	3.3107	2E+09	426584	5407600	DC		
7	2000	19	3.29895	2E+09	427130	5414223	DC		
8	1997	86	2.86913	2E+09	427130	5414423	DC		
8	1998	99	2.82476	2E+09	426330	5414223	DC		
8	1999	18	3.30628	2E+09	428930	5412623	DC		
8	2000	20	3.28835	2E+09	427930	5414223	DC		
9	1999	21	3.27179	2E+09	426781	5407696	DC		
9	2000	22	3.27073	2E+09	427730	5414223	DC		
10	1999	23	3.26927	2E+09	426683	5407408	DC		
10	2000	25	3.25845	2E+09	427128	5414193	DC		
11	1999	28	3.22394	2E+09	426683	5407312	DC		
11	2000	27	3.23063	2E+09	426928	5414393	DC		
12	1999	29	3.21491	2E+09	426584	5407504	DC		
12	2000	30	3.20848	2E+09	427130	5414223	DC		
13	1999	31	3.20687	2E+09	426781	5407600	DC		
13	2000	32	3.20658	2E+09	427330	5414223	DC		
14	1999	36	3.16286	2E+09	426781	5407504	DC		
14	2000	33	3.19935	2E+09	425928	5414193	DC		

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LEACHI \*\*\*

15	1999	38	3.15024	2E+09	426683	5407216	DC
15	2000	35	3.1909	2E+09	426930	5414423	DC
16	1999	39	3.1426	2E+09	426584	5407408	DC
16	2000	37	3.15071	2E+09	425930	5414223	DC
17	1999	40	3.13795	2E+09	426781	5407408	DC
17	2000	51	3.05907	2E+09	427930	5414623	DC
18	1999	42	3.12217	2E+09	426781	5407312	DC
18	2000	52	3.0571	2E+09	426728	5414393	DC
19	1999	43	3.10766	2E+09	426485	5407696	DC
19	2000	56	3.0199	2E+09	427128	5414393	DC
20	1999	44	3.10004	2E+09	426628	5407193	DC
20	2000	57	3.01985	2E+09	428130	5414623	DC
21	1999	45	3.09194	2E+09	426584	5407312	DC
21	2000	58	3.01573	2E+09	427128	5414393	DC
22	1999	46	3.08562	2E+09	426781	5407216	DC
22	2000	60	3.00803	2E+09	428128	5414693	DC
23	1999	47	3.08351	2E+09	426683	5407119	DC
23	2000	61	3.00696	2E+09	426730	5414423	DC
24	1999	49	3.08071	2E+09	429128	5412693	DC
24	2000	62	3.00297	2E+09	427330	5414423	DC
25	1999	53	3.04199	2E+09	426485	5407600	DC
25	2000	63	2.9969	2E+09	427130	5414423	DC
26	1999	54	3.03664	2E+09	426781	5407119	DC
26	2000	66	2.9732	2E+09	427130	5414423	DC
27	1999	55	3.02987	2E+09	426584	5407216	DC
27	2000	67	2.97223	2E+09	427628	5414193	DC
28	1999	59	3.01321	2E+09	426683	5407023	DC
28	2000	68	2.9711	2E+09	425928	5414393	DC
29	1999	69	2.96718	2E+09	426781	5407023	DC
29	2000	71	2.9537	2E+09	426928	5414593	DC
30	1999	72	2.95262	2E+09	426584	5407119	DC
30	2000	77	2.92291	2E+09	425930	5414423	DC
31	1999	73	2.94818	2E+09	428930	5413223	DC
31	2000	78	2.92086	2E+09	428130	5414823	DC
32	1999	74	2.94666	2E+09	429130	5412623	DC
32	2000	79	2.92041	2E+09	426930	5414623	DC
33	1999	75	2.94169	2E+09	426485	5407504	DC
33	2000	85	2.8702	2E+09	426528	5414193	DC
34	1999	81	2.91104	2E+09	426880	5407696	DC
34	2000	94	2.8387	2E+09	426530	5414223	DC
35	1999	82	2.90843	2E+09	425928	5414193	DC
36	1999	83	2.89627	2E+09	425930	5414223	DC
37	1999	84	2.88237	2E+09	426584	5407023	DC
38	1999	89	2.85815	2E+09	426730	5406823	DC
39	1999	90	2.85638	2E+09	426880	5407312	DC
40	1999	91	2.84736	2E+09	426880	5407600	DC
41	1999	92	2.84465	2E+09	426528	5414193	DC
42	1999	95	2.83739	2E+09	426880	5407408	DC
43	1999	96	2.83447	2E+09	426880	5407216	DC
44	1999	97	2.8294	2E+09	429330	5412823	DC
45	1999	100	2.81851	2E+09	426880	5407504	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LEACH2 \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	3	3.50938	2E+09	428628	5414193	DC	Discarded	3.62475
1	1997	7	3.42162	2E+09	427330	5414223	DC	Discarded	
1	1998	65	2.99909	2E+09	427628	5414193	DC	Discarded	
1	1999	1	3.62475	2E+09	428808	5412548	DC	Discarded	
1	2000	2	3.5555	2E+09	426928	5414193	DC	Discarded	
2	1996	9	3.38036	2E+09	428730	5414423	DC	Discarded	
2	1997	23	3.27477	2E+09	427128	5414193	DC		
2	1998	68	2.98141	2E+09	425530	5414223	DC		
2	1999	5	3.45887	2E+09	426683	5407696	DC	Highest	
2	2000	4	3.5001	2E+09	426930	5414223	DC	Discarded	
3	1996	20	3.28953	2E+09	428730	5414223	DC	Discarded	
3	1997	28	3.22314	2E+09	427130	5414223	DC		
3	1998	71	2.96439	2E+09	427530	5414223	DC		
3	1999	6	3.43467	2E+09	426628	5407693	DC		
3	2000	8	3.38321	2E+09	427128	5414193	DC		
4	1996	35	3.18007	2E+09	428809	5413327	DC		
4	1997	42	3.11421	2E+09	427330	5414423	DC		
4	1998	84	2.89454	2E+09	428808	5412548	DC		
4	1999	10	3.37673	2E+09	426584	5407696	DC		
4	2000	11	3.37527	2E+09	426728	5414193	DC		
5	1996	37	3.16671	2E+09	428530	5414223	DC		
5	1997	49	3.06782	2E+09	427330	5414223	DC		
5	1998	85	2.88282	2E+09	426328	5414193	DC		
5	1999	12	3.37065	2E+09	426683	5407600	DC		
5	2000	14	3.35565	2E+09	427930	5414423	DC		
6	1997	69	2.97799	2E+09	427330	5414423	DC		
6	1998	87	2.86968	2E+09	425530	5414223	DC		
6	1999	13	3.36375	2E+09	428930	5412623	DC		
6	2000	15	3.33433	2E+09	427130	5414223	DC		
7	1997	75	2.93922	2E+09	427128	5414393	DC		
7	1998	92	2.84591	2E+09	426330	5414223	DC		
7	1999	18	3.29971	2E+09	426683	5407504	DC		
7	2000	16	3.33369	2E+09	426730	5414223	DC		
8	1997	83	2.89678	2E+09	427130	5414423	DC		
8	1998	95	2.84116	2E+09	427730	5414223	DC		
8	1999	19	3.29647	2E+09	426584	5407600	DC		
8	2000	17	3.30632	2E+09	427730	5414223	DC		
9	1997	99	2.82817	2E+09	427330	5414623	DC		
9	1999	24	3.26693	2E+09	426781	5407696	DC		
9	2000	21	3.28893	2E+09	427128	5414193	DC		
10	1999	25	3.24929	2E+09	426683	5407408	DC		
10	2000	22	3.27963	2E+09	427930	5414223	DC		
11	1999	32	3.20201	2E+09	426781	5407600	DC		
11	2000	26	3.24288	2E+09	426928	5414393	DC		
12	1999	33	3.20103	2E+09	426683	5407312	DC		
12	2000	27	3.23757	2E+09	427130	5414223	DC		
13	1999	34	3.19733	2E+09	426584	5407504	DC		
13	2000	29	3.22229	2E+09	425928	5414193	DC		
14	1999	38	3.16466	2E+09	426781	5407504	DC		

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LEACH2 \*\*\*

14	2000	30	3.22184	2E+09	427330	5414223	DC
15	1999	39	3.12936	2E+09	426683	5407216	DC
15	2000	31	3.20312	2E+09	426930	5414423	DC
16	1999	40	3.12829	2E+09	426781	5407408	DC
16	2000	36	3.17753	2E+09	425930	5414223	DC
17	1999	41	3.12235	2E+09	426584	5407408	DC
17	2000	46	3.07673	2E+09	427930	5414623	DC
18	1999	43	3.09902	2E+09	426781	5407312	DC
18	2000	47	3.07185	2E+09	426728	5414393	DC
19	1999	44	3.0817	2E+09	426485	5407696	DC
19	2000	53	3.04828	2E+09	427128	5414393	DC
20	1999	45	3.08018	2E+09	426628	5407193	DC
20	2000	54	3.02979	2E+09	427330	5414423	DC
21	1999	48	3.07011	2E+09	426584	5407312	DC
21	2000	55	3.02691	2E+09	427128	5414393	DC
22	1999	50	3.0641	2E+09	429128	5412693	DC
22	2000	56	3.02488	2E+09	426730	5414423	DC
23	1999	51	3.06394	2E+09	426781	5407216	DC
23	2000	59	3.01058	2E+09	428128	5414693	DC
24	1999	52	3.05493	2E+09	426683	5407119	DC
24	2000	61	3.00526	2E+09	428130	5414623	DC
25	1999	57	3.01891	2E+09	426781	5407119	DC
25	2000	62	3.00338	2E+09	427130	5414423	DC
26	1999	58	3.01595	2E+09	426485	5407600	DC
26	2000	63	3.0005	2E+09	427628	5414193	DC
27	1999	60	3.01011	2E+09	426584	5407216	DC
27	2000	64	2.9997	2E+09	427130	5414423	DC
28	1999	66	2.99548	2E+09	426683	5407023	DC
28	2000	67	2.99389	2E+09	425928	5414393	DC
29	1999	72	2.96098	2E+09	426781	5407023	DC
29	2000	70	2.96786	2E+09	426928	5414593	DC
30	1999	76	2.93747	2E+09	425928	5414193	DC
30	2000	73	2.9532	2E+09	425930	5414423	DC
31	1999	78	2.92904	2E+09	428930	5413223	DC
31	2000	74	2.94915	2E+09	428130	5414823	DC
32	1999	79	2.9203	2E+09	426584	5407119	DC
32	2000	77	2.93369	2E+09	426930	5414623	DC
33	1999	80	2.91705	2E+09	426485	5407504	DC
33	2000	86	2.8809	2E+09	426528	5414193	DC
34	1999	81	2.90398	2E+09	425930	5414223	DC
34	2000	91	2.85229	2E+09	426530	5414223	DC
35	1999	82	2.89979	2E+09	426880	5407696	DC
35	2000	93	2.84473	2E+09	427730	5414423	DC
36	1999	88	2.85907	2E+09	426584	5407023	DC
37	1999	89	2.85644	2E+09	429130	5412623	DC
38	1999	90	2.85622	2E+09	426528	5414193	DC
39	1999	94	2.84304	2E+09	426880	5407408	DC
40	1999	96	2.84083	2E+09	426730	5406823	DC
41	1999	97	2.83835	2E+09	426880	5407600	DC
42	1999	98	2.83674	2E+09	426880	5407312	DC
43	1999	100	2.82737	2E+09	426530	5414223	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LEACH3 \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	3	3.55993	2E+09	428628	5414193	DC	Discarded	3.63309
1	1997	6	3.4097	2E+09	427330	5414223	DC	Discarded	
1	1998	60	3.00961	2E+09	427628	5414193	DC	Discarded	
1	1999	1	3.63309	2E+09	428808	5412548	DC	Discarded	
1	2000	2	3.56912	2E+09	426928	5414193	DC	Discarded	
2	1996	7	3.39769	2E+09	428730	5414223	DC	Discarded	
2	1997	27	3.22461	2E+09	427128	5414193	DC		
2	1998	62	2.99706	2E+09	425530	5414223	DC		
2	1999	5	3.43362	2E+09	426683	5407696	DC	Highest	
2	2000	4	3.51799	2E+09	426930	5414223	DC	Discarded	
3	1996	10	3.37603	2E+09	428730	5414423	DC	Discarded	
3	1997	34	3.17607	2E+09	427130	5414223	DC		
3	1998	73	2.95592	2E+09	427530	5414223	DC		
3	1999	8	3.39115	2E+09	426628	5407693	DC		
3	2000	11	3.35836	2E+09	427930	5414223	DC		
4	1996	17	3.31057	2E+09	428809	5413327	DC		
4	1997	36	3.15723	2E+09	427330	5414223	DC		
4	1998	80	2.90997	2E+09	428808	5412548	DC		
4	1999	9	3.37864	2E+09	428930	5412623	DC		
4	2000	12	3.35632	2E+09	427930	5414423	DC		
5	1996	41	3.11479	2E+09	428530	5414223	DC		
5	1997	46	3.07062	2E+09	427330	5414423	DC		
5	1998	83	2.90158	2E+09	427730	5414223	DC		
5	1999	15	3.33344	2E+09	426683	5407600	DC		
5	2000	13	3.35156	2E+09	427128	5414193	DC		
6	1997	57	3.01634	2E+09	427330	5414423	DC		
6	1998	84	2.90111	2E+09	426328	5414193	DC		
6	1999	20	3.29089	2E+09	426781	5407696	DC		
6	2000	14	3.34092	2E+09	426728	5414193	DC		
7	1997	87	2.89095	2E+09	427530	5414423	DC		
7	1998	90	2.88394	2E+09	425530	5414223	DC		
7	1999	21	3.28092	2E+09	426584	5407696	DC		
7	2000	16	3.31798	2E+09	427128	5414193	DC		
8	1997	91	2.87669	2E+09	427530	5414623	DC		
8	1998	96	2.85959	2E+09	426330	5414223	DC		
8	1999	25	3.25311	2E+09	426683	5407504	DC		
8	2000	18	3.30464	2E+09	427130	5414223	DC		
9	1997	92	2.86498	2E+09	427330	5414623	DC		
9	1999	29	3.21816	2E+09	426683	5407408	DC		
9	2000	19	3.30189	2E+09	426730	5414223	DC		
10	1997	98	2.85856	2E+09	427128	5414393	DC		
10	1999	30	3.21491	2E+09	426781	5407600	DC		
10	2000	22	3.27365	2E+09	427130	5414223	DC		
11	1999	31	3.20004	2E+09	426683	5407312	DC		
11	2000	23	3.27283	2E+09	427330	5414223	DC		
12	1999	32	3.19859	2E+09	426584	5407600	DC		
12	2000	24	3.25998	2E+09	426928	5414393	DC		
13	1999	37	3.14562	2E+09	426781	5407504	DC		
13	2000	26	3.24117	2E+09	427730	5414223	DC		

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LEACH3 \*\*\*

14	1999	38	3.14013	2E+09	426683	5407216	DC
14	2000	28	3.22258	2E+09	426930	5414423	DC
15	1999	39	3.13192	2E+09	426781	5407312	DC
15	2000	33	3.19684	2E+09	425928	5414193	DC
16	1999	40	3.12836	2E+09	426781	5407216	DC
16	2000	35	3.16517	2E+09	425930	5414223	DC
17	1999	42	3.1131	2E+09	429128	5412693	DC
17	2000	45	3.08376	2E+09	427128	5414393	DC
18	1999	43	3.11163	2E+09	426584	5407504	DC
18	2000	49	3.05321	2E+09	427930	5414623	DC
19	1999	44	3.11067	2E+09	426781	5407408	DC
19	2000	50	3.05118	2E+09	427130	5414423	DC
20	1999	47	3.05823	2E+09	426683	5407119	DC
20	2000	51	3.05108	2E+09	426728	5414393	DC
21	1999	48	3.05332	2E+09	426584	5407408	DC
21	2000	52	3.04836	2E+09	428128	5414693	DC
22	1999	54	3.04647	2E+09	426781	5407119	DC
22	2000	53	3.04682	2E+09	428130	5414623	DC
23	1999	58	3.0136	2E+09	426628	5407193	DC
23	2000	55	3.04007	2E+09	427330	5414423	DC
24	1999	59	3.01322	2E+09	426584	5407312	DC
24	2000	56	3.02048	2E+09	427128	5414393	DC
25	1999	64	2.98706	2E+09	428930	5413223	DC
25	2000	61	2.99993	2E+09	426730	5414423	DC
26	1999	65	2.97996	2E+09	426880	5407696	DC
26	2000	63	2.99654	2E+09	425928	5414393	DC
27	1999	67	2.97357	2E+09	426683	5407023	DC
27	2000	66	2.97618	2E+09	426928	5414593	DC
28	1999	70	2.97074	2E+09	429130	5412623	DC
28	2000	68	2.97331	2E+09	427130	5414423	DC
29	1999	71	2.96315	2E+09	426781	5407023	DC
29	2000	69	2.97081	2E+09	425930	5414423	DC
30	1999	72	2.95721	2E+09	426584	5407216	DC
30	2000	75	2.94758	2E+09	428130	5414823	DC
31	1999	74	2.95114	2E+09	426485	5407696	DC
31	2000	76	2.94586	2E+09	426930	5414623	DC
32	1999	77	2.92338	2E+09	426880	5407216	DC
32	2000	78	2.91978	2E+09	427628	5414193	DC
33	1999	79	2.91881	2E+09	426880	5407600	DC
33	2000	81	2.90913	2E+09	428130	5414423	DC
34	1999	82	2.90232	2E+09	425928	5414193	DC
34	2000	95	2.8598	2E+09	426528	5414193	DC
35	1999	85	2.89696	2E+09	425930	5414223	DC
36	1999	86	2.8946	2E+09	426485	5407600	DC
37	1999	88	2.88998	2E+09	426880	5407312	DC
38	1999	89	2.88813	2E+09	426584	5407119	DC
39	1999	93	2.8643	2E+09	426880	5407504	DC
40	1999	94	2.8599	2E+09	426880	5407119	DC
41	1999	97	2.85941	2E+09	429330	5412823	DC
42	1999	99	2.85651	2E+09	426728	5414193	DC
43	1999	100	2.85221	2E+09	429130	5408623	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LEACH4 \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	3	3.5446	2E+09	428628	5414193	DC	Discarded	3.59721
1	1997	9	3.37868	2E+09	427330	5414223	DC	Discarded	
1	1998	55	3.01176	2E+09	427628	5414193	DC	Discarded	
1	1999	1	3.59721	2E+09	428808	5412548	DC	Discarded	
1	2000	2	3.5889	2E+09	426928	5414193	DC	Discarded	
2	1996	5	3.44902	2E+09	428730	5414223	DC	Discarded	
2	1997	27	3.22218	2E+09	427330	5414223	DC		
2	1998	64	2.98032	2E+09	425530	5414223	DC		
2	1999	7	3.4155	2E+09	426683	5407696	DC		
2	2000	4	3.52406	2E+09	426930	5414223	DC	Discarded	
3	1996	6	3.4209	2E+09	428809	5413327	DC	Highest	
3	1997	34	3.1359	2E+09	427128	5414193	DC		
3	1998	79	2.92319	2E+09	427730	5414223	DC		
3	1999	10	3.34798	2E+09	428930	5412623	DC		
3	2000	8	3.383	2E+09	427930	5414223	DC		
4	1996	13	3.33259	2E+09	428730	5414423	DC		
4	1997	43	3.09092	2E+09	427130	5414223	DC		
4	1998	85	2.91689	2E+09	427530	5414223	DC		
4	1999	14	3.33195	2E+09	426781	5407696	DC		
4	2000	11	3.34424	2E+09	427128	5414193	DC		
5	1996	57	3.00947	2E+09	428530	5414223	DC		
5	1997	49	3.03612	2E+09	427330	5414423	DC		
5	1998	87	2.90336	2E+09	426328	5414193	DC		
5	1999	15	3.32895	2E+09	426683	5407600	DC		
5	2000	12	3.33621	2E+09	427930	5414423	DC		
6	1997	59	3.00559	2E+09	427330	5414423	DC		
6	1998	88	2.8922	2E+09	428808	5412548	DC		
6	1999	16	3.32256	2E+09	426628	5407693	DC		
6	2000	17	3.30699	2E+09	427128	5414193	DC		
7	1997	65	2.98026	2E+09	427530	5414423	DC		
7	1998	95	2.87275	2E+09	425530	5414223	DC		
7	1999	21	3.25852	2E+09	426781	5407600	DC		
7	2000	18	3.3019	2E+09	427330	5414223	DC		
8	1997	78	2.92754	2E+09	427530	5414623	DC		
8	1998	99	2.8586	2E+09	426330	5414223	DC		
8	1999	25	3.23642	2E+09	426683	5407504	DC		
8	2000	19	3.29561	2E+09	426728	5414193	DC		
9	1997	84	2.91709	2E+09	427530	5414223	DC		
9	1999	26	3.22414	2E+09	426584	5407696	DC		
9	2000	20	3.29556	2E+09	427130	5414223	DC		
10	1997	100	2.85813	2E+09	427330	5414623	DC		
10	1999	29	3.19385	2E+09	426781	5407504	DC		
10	2000	22	3.25651	2E+09	426730	5414223	DC		
11	1999	30	3.1749	2E+09	426683	5407408	DC		
11	2000	23	3.25593	2E+09	427130	5414223	DC		
12	1999	32	3.14206	2E+09	429128	5412693	DC		
12	2000	24	3.25585	2E+09	426928	5414393	DC		
13	1999	33	3.14127	2E+09	426683	5407312	DC		
13	2000	28	3.2154	2E+09	426930	5414423	DC		



\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LEACH4 \*\*\*

14	1999	36	3.12959	2E+09	426584	5407600	DC
14	2000	31	3.15963	2E+09	427730	5414223	DC
15	1999	37	3.11929	2E+09	426781	5407408	DC
15	2000	35	3.12976	2E+09	425928	5414193	DC
16	1999	39	3.10983	2E+09	426781	5407216	DC
16	2000	38	3.11488	2E+09	425930	5414223	DC
17	1999	41	3.10247	2E+09	426781	5407312	DC
17	2000	40	3.10581	2E+09	428130	5414623	DC
18	1999	44	3.08847	2E+09	426683	5407216	DC
18	2000	42	3.09905	2E+09	427128	5414393	DC
19	1999	48	3.04594	2E+09	426781	5407119	DC
19	2000	45	3.07507	2E+09	427130	5414423	DC
20	1999	50	3.03528	2E+09	429130	5412623	DC
20	2000	46	3.06277	2E+09	428128	5414693	DC
21	1999	51	3.0348	2E+09	426880	5407696	DC
21	2000	47	3.05195	2E+09	427330	5414423	DC
22	1999	52	3.02797	2E+09	426584	5407504	DC
22	2000	53	3.0135	2E+09	426728	5414393	DC
23	1999	54	3.01222	2E+09	426683	5407119	DC
23	2000	56	3.00952	2E+09	427930	5414623	DC
24	1999	58	3.0081	2E+09	428930	5413223	DC
24	2000	63	2.98033	2E+09	428130	5414423	DC
25	1999	60	2.99455	2E+09	426880	5407600	DC
25	2000	66	2.97959	2E+09	425928	5414393	DC
26	1999	61	2.98375	2E+09	426781	5407023	DC
26	2000	67	2.97907	2E+09	426928	5414593	DC
27	1999	62	2.98346	2E+09	426628	5407193	DC
27	2000	69	2.96661	2E+09	426730	5414423	DC
28	1999	68	2.96908	2E+09	426880	5407504	DC
28	2000	70	2.96185	2E+09	428130	5414823	DC
29	1999	71	2.96148	2E+09	426584	5407408	DC
29	2000	72	2.96088	2E+09	427128	5414393	DC
30	1999	74	2.95408	2E+09	426683	5407023	DC
30	2000	73	2.95532	2E+09	425930	5414423	DC
31	1999	76	2.93233	2E+09	426880	5407216	DC
31	2000	75	2.94689	2E+09	426930	5414623	DC
32	1999	77	2.93154	2E+09	426880	5407119	DC
32	2000	80	2.92183	2E+09	427130	5414423	DC
33	1999	81	2.92109	2E+09	426584	5407312	DC
33	2000	93	2.87723	2E+09	427330	5414223	DC
34	1999	82	2.91792	2E+09	426728	5414193	DC
34	2000	98	2.86608	2E+09	427530	5414223	DC
35	1999	83	2.91717	2E+09	426880	5407408	DC
36	1999	86	2.90939	2E+09	426917	5407750	DC
37	1999	89	2.89061	2E+09	426880	5407312	DC
38	1999	90	2.88246	2E+09	429330	5412823	DC
39	1999	91	2.88081	2E+09	429130	5408623	DC
40	1999	92	2.87988	2E+09	426730	5414223	DC
41	1999	94	2.87461	2E+09	425930	5414223	DC
42	1999	96	2.87054	2E+09	429128	5408693	DC
43	1999	97	2.87021	2E+09	426584	5407216	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LEACH5 \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	2	3.5031	2E+09	428628	5414193	DC	Discarded	3.56035
1	1997	10	3.35386	2E+09	427330	5414223	DC	Discarded	
1	1998	61	2.9795	2E+09	427628	5414193	DC	Discarded	
1	1999	4	3.48017	2E+09	428808	5412548	DC	Discarded	
1	2000	1	3.56035	2E+09	426928	5414193	DC	Discarded	
2	1996	5	3.46945	2E+09	428809	5413327	DC	Highest	
2	1997	29	3.20522	2E+09	427330	5414223	DC		
2	1998	62	2.97944	2E+09	425530	5414223	DC		
2	1999	7	3.43517	2E+09	426683	5407696	DC		
2	2000	3	3.49596	2E+09	426930	5414223	DC	Discarded	
3	1996	6	3.45702	2E+09	428730	5414223	DC		
3	1997	39	3.11219	2E+09	427128	5414193	DC		
3	1998	83	2.90846	2E+09	427730	5414223	DC		
3	1999	9	3.3554	2E+09	426683	5407600	DC		
3	2000	8	3.36697	2E+09	427930	5414223	DC		
4	1996	16	3.27932	2E+09	428730	5414423	DC		
4	1997	46	3.06465	2E+09	427130	5414223	DC		
4	1998	88	2.88204	2E+09	427530	5414223	DC		
4	1999	11	3.35301	2E+09	426781	5407696	DC		
4	2000	13	3.31591	2E+09	427128	5414193	DC		
5	1996	73	2.94287	2E+09	428530	5414223	DC		
5	1997	52	3.02835	2E+09	427330	5414423	DC		
5	1998	91	2.87341	2E+09	426328	5414193	DC		
5	1999	12	3.34351	2E+09	426628	5407693	DC		
5	2000	14	3.30918	2E+09	427930	5414423	DC		
6	1997	65	2.97597	2E+09	427330	5414423	DC		
6	1998	96	2.85591	2E+09	425530	5414223	DC		
6	1999	17	3.27673	2E+09	426781	5407600	DC		
6	2000	15	3.28039	2E+09	426728	5414193	DC		
7	1997	66	2.96567	2E+09	427530	5414423	DC		
7	1999	19	3.27202	2E+09	426683	5407504	DC		
7	2000	18	3.27374	2E+09	427128	5414193	DC		
8	1997	81	2.92094	2E+09	427530	5414223	DC		
8	1999	21	3.26885	2E+09	426584	5407696	DC		
8	2000	20	3.2707	2E+09	427330	5414223	DC		
9	1997	84	2.90437	2E+09	427530	5414623	DC		
9	1999	23	3.25104	2E+09	428930	5412623	DC		
9	2000	22	3.26837	2E+09	427130	5414223	DC		
10	1997	100	2.84461	2E+09	427330	5414623	DC		
10	1999	27	3.21738	2E+09	426781	5407504	DC		
10	2000	24	3.23863	2E+09	426730	5414223	DC		
11	1999	28	3.20768	2E+09	426683	5407408	DC		
11	2000	25	3.23077	2E+09	426928	5414393	DC		
12	1999	31	3.17354	2E+09	426584	5407600	DC		
12	2000	26	3.22419	2E+09	427130	5414223	DC		
13	1999	32	3.16303	2E+09	426683	5407312	DC		
13	2000	30	3.1905	2E+09	426930	5414423	DC		
14	1999	33	3.15378	2E+09	426781	5407408	DC		
14	2000	34	3.12575	2E+09	425928	5414193	DC		

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LEACH5 \*\*\*

15	1999	35	3.12053	2E+09	426781	5407312	DC
15	2000	36	3.11972	2E+09	427730	5414223	DC
16	1999	37	3.11306	2E+09	426781	5407216	DC
16	2000	40	3.11006	2E+09	425930	5414223	DC
17	1999	38	3.11252	2E+09	429128	5412693	DC
17	2000	42	3.08689	2E+09	428130	5414623	DC
18	1999	41	3.10633	2E+09	426683	5407216	DC
18	2000	44	3.0788	2E+09	427128	5414393	DC
19	1999	43	3.08593	2E+09	429130	5412623	DC
19	2000	48	3.05632	2E+09	428128	5414693	DC
20	1999	45	3.06751	2E+09	426584	5407504	DC
20	2000	49	3.0543	2E+09	427130	5414423	DC
21	1999	47	3.05967	2E+09	426781	5407119	DC
21	2000	53	3.02677	2E+09	427330	5414423	DC
22	1999	50	3.03342	2E+09	426683	5407119	DC
22	2000	55	3.00098	2E+09	426728	5414393	DC
23	1999	51	3.02854	2E+09	426880	5407696	DC
23	2000	56	2.99992	2E+09	428130	5414423	DC
24	1999	54	3.0105	2E+09	426628	5407193	DC
24	2000	67	2.96437	2E+09	427930	5414623	DC
25	1999	57	2.99711	2E+09	426781	5407023	DC
25	2000	68	2.96358	2E+09	425928	5414393	DC
26	1999	58	2.99428	2E+09	426584	5407408	DC
26	2000	69	2.95823	2E+09	426928	5414593	DC
27	1999	59	2.98849	2E+09	426880	5407600	DC
27	2000	70	2.9582	2E+09	426730	5414423	DC
28	1999	60	2.98844	2E+09	428930	5413223	DC
28	2000	74	2.94062	2E+09	428130	5414823	DC
29	1999	63	2.97881	2E+09	426880	5407504	DC
29	2000	75	2.93662	2E+09	425930	5414423	DC
30	1999	64	2.97627	2E+09	426683	5407023	DC
30	2000	76	2.93387	2E+09	427128	5414393	DC
31	1999	71	2.95171	2E+09	426584	5407312	DC
31	2000	77	2.92602	2E+09	426930	5414623	DC
32	1999	72	2.94718	2E+09	426880	5407408	DC
32	2000	86	2.89571	2E+09	427130	5414423	DC
33	1999	78	2.9253	2E+09	426917	5407750	DC
33	2000	94	2.85923	2E+09	427330	5414223	DC
34	1999	79	2.92489	2E+09	426880	5407119	DC
34	2000	99	2.8489	2E+09	427530	5414223	DC
35	1999	80	2.92248	2E+09	426880	5407216	DC
36	1999	82	2.9125	2E+09	426880	5407312	DC
37	1999	85	2.89756	2E+09	426584	5407216	DC
38	1999	87	2.88875	2E+09	426728	5414193	DC
39	1999	89	2.88164	2E+09	425928	5414193	DC
40	1999	90	2.88015	2E+09	429130	5408623	DC
41	1999	92	2.86221	2E+09	426730	5406823	DC
42	1999	93	2.86147	2E+09	425930	5414223	DC
43	1999	95	2.85699	2E+09	429330	5412823	DC
44	1999	97	2.85276	2E+09	429128	5408693	DC
45	1999	98	2.8506	2E+09	426730	5414223	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LEACH6 \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	3	3.54747	2E+09	428628	5414193	DC	Discarded	3.69474
1	1997	5	3.43363	2E+09	427330	5414223	DC	Discarded	
1	1998	54	3.04882	2E+09	427628	5414193	DC	Discarded	
1	1999	1	3.69474	2E+09	428808	5412548	DC	Discarded	
1	2000	2	3.58172	2E+09	426928	5414193	DC	Discarded	
2	1996	8	3.40071	2E+09	428730	5414423	DC	Discarded	
2	1997	25	3.2494	2E+09	427128	5414193	DC		
2	1998	57	3.0408	2E+09	425530	5414223	DC		
2	1999	6	3.42269	2E+09	428930	5412623	DC	Discarded	
2	2000	4	3.52857	2E+09	426930	5414223	DC	Discarded	
3	1996	14	3.34867	2E+09	428730	5414223	DC	Discarded	
3	1997	29	3.20976	2E+09	427130	5414223	DC		
3	1998	65	2.99414	2E+09	427530	5414223	DC		
3	1999	7	3.41888	2E+09	426683	5407696	DC	Highest	
3	2000	9	3.38998	2E+09	427128	5414193	DC		
4	1996	28	3.22408	2E+09	428809	5413327	DC		
4	1997	37	3.15934	2E+09	427330	5414223	DC		
4	1998	74	2.95164	2E+09	428808	5412548	DC		
4	1999	10	3.37771	2E+09	426628	5407693	DC		
4	2000	11	3.37408	2E+09	427930	5414423	DC		
5	1996	36	3.18494	2E+09	428530	5414223	DC		
5	1997	43	3.10169	2E+09	427330	5414423	DC		
5	1998	79	2.92443	2E+09	426328	5414193	DC		
5	1999	18	3.31914	2E+09	426683	5407600	DC		
5	2000	12	3.36609	2E+09	426728	5414193	DC		
6	1997	62	3.00457	2E+09	427330	5414423	DC		
6	1998	82	2.90132	2E+09	425530	5414223	DC		
6	1999	22	3.28081	2E+09	426781	5407696	DC		
6	2000	13	3.35668	2E+09	427930	5414223	DC		
7	1997	84	2.89321	2E+09	427530	5414623	DC		
7	1998	86	2.88828	2E+09	427730	5414223	DC		
7	1999	23	3.26822	2E+09	426584	5407696	DC		
7	2000	15	3.34011	2E+09	427130	5414223	DC		
8	1997	89	2.88281	2E+09	427530	5414423	DC		
8	1998	88	2.88353	2E+09	426330	5414223	DC		
8	1999	26	3.24255	2E+09	426683	5407504	DC		
8	2000	16	3.33343	2E+09	427128	5414193	DC		
9	1997	90	2.88007	2E+09	427128	5414393	DC		
9	1999	30	3.20839	2E+09	426683	5407408	DC		
9	2000	17	3.32454	2E+09	426730	5414223	DC		
10	1997	95	2.86759	2E+09	427330	5414623	DC		
10	1999	32	3.20198	2E+09	426781	5407600	DC		
10	2000	19	3.30188	2E+09	427330	5414223	DC		
11	1999	34	3.18777	2E+09	426584	5407600	DC		
11	2000	20	3.30057	2E+09	427130	5414223	DC		
12	1999	35	3.18709	2E+09	426683	5407312	DC		
12	2000	21	3.28366	2E+09	427730	5414223	DC		
13	1999	38	3.13495	2E+09	426781	5407504	DC		
13	2000	24	3.26605	2E+09	426928	5414393	DC		

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LEACH6 \*\*\*

14	1999	40	3.1247	2E+09	426781	5407312	DC
14	2000	27	3.22847	2E+09	426930	5414423	DC
15	1999	39	3.1247	2E+09	426683	5407216	DC
15	2000	31	3.20298	2E+09	425928	5414193	DC
16	1999	41	3.11229	2E+09	426781	5407216	DC
16	2000	33	3.18873	2E+09	425930	5414223	DC
17	1999	42	3.1052	2E+09	426781	5407408	DC
17	2000	45	3.09895	2E+09	427930	5414623	DC
18	1999	44	3.10144	2E+09	426584	5407504	DC
18	2000	47	3.0851	2E+09	427128	5414393	DC
19	1999	46	3.08655	2E+09	429128	5412693	DC
19	2000	48	3.07088	2E+09	426728	5414393	DC
20	1999	53	3.05132	2E+09	426683	5407119	DC
20	2000	49	3.07032	2E+09	428130	5414623	DC
21	1999	56	3.04234	2E+09	426584	5407408	DC
21	2000	50	3.05352	2E+09	427128	5414393	DC
22	1999	58	3.04023	2E+09	426781	5407119	DC
22	2000	51	3.05288	2E+09	428128	5414693	DC
23	1999	63	3.0009	2E+09	426628	5407193	DC
23	2000	52	3.05192	2E+09	427130	5414423	DC
24	1999	64	3.00072	2E+09	426584	5407312	DC
24	2000	55	3.04633	2E+09	427330	5414423	DC
25	1999	69	2.97373	2E+09	426880	5407696	DC
25	2000	59	3.02331	2E+09	426730	5414423	DC
26	1999	70	2.96433	2E+09	428930	5413223	DC
26	2000	60	3.01039	2E+09	425928	5414393	DC
27	1999	71	2.96218	2E+09	426683	5407023	DC
27	2000	61	3.00975	2E+09	427130	5414423	DC
28	1999	75	2.94631	2E+09	426781	5407023	DC
28	2000	66	2.99246	2E+09	427628	5414193	DC
29	1999	76	2.94407	2E+09	426584	5407216	DC
29	2000	67	2.99193	2E+09	426928	5414593	DC
30	1999	77	2.9405	2E+09	426485	5407696	DC
30	2000	68	2.9874	2E+09	425930	5414423	DC
31	1999	78	2.93013	2E+09	425928	5414193	DC
31	2000	72	2.96038	2E+09	426930	5414623	DC
32	1999	80	2.91003	2E+09	426880	5407600	DC
32	2000	73	2.95706	2E+09	428130	5414823	DC
33	1999	81	2.90902	2E+09	426880	5407216	DC
33	2000	93	2.87414	2E+09	426528	5414193	DC
34	1999	83	2.89656	2E+09	425930	5414223	DC
34	2000	94	2.87059	2E+09	428130	5414423	DC
35	1999	85	2.88912	2E+09	426880	5407312	DC
35	2000	98	2.85912	2E+09	427330	5414623	DC
36	1999	87	2.88353	2E+09	426485	5407600	DC
37	1999	91	2.87651	2E+09	426584	5407119	DC
38	1999	92	2.87476	2E+09	426728	5414193	DC
39	1999	96	2.86463	2E+09	429130	5412623	DC
40	1999	97	2.86059	2E+09	429130	5412823	DC
41	1999	99	2.85557	2E+09	426528	5414193	DC
42	1999	100	2.85302	2E+09	426880	5407504	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LEACH7 \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMMDDH	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	4	3.51416	1996010224	428628	5414193	DC	Discarded	3.66674
1	1997	6	3.43662	1997012624	427330	5414223	DC	Discarded	
1	1998	59	3.02803	1998020324	427628	5414193	DC	Discarded	
1	1999	1	3.66674	1999122224	428808.1	5412548	DC	Discarded	
1	2000	2	3.56401	2000012924	426928	5414193	DC	Discarded	
2	1996	9	3.40538	1996010224	428730	5414423	DC	Discarded	
2	1997	18	3.30264	1997122024	427128	5414193	DC		
2	1998	61	3.0134	1998020324	427530	5414223	DC	Discarded	
2	1999	5	3.44179	1999061124	426682.6	5407696	DC	Highest	
2	2000	3	3.51511	2000012924	426930	5414223	DC	Discarded	
3	1996	29	3.23528	1996010224	428530	5414223	DC	Discarded	
3	1997	24	3.25533	1997122024	427130	5414223	DC		
3	1998	68	2.98368	1998080124	425530	5414223	DC		
3	1999	8	3.41632	1999061124	426628	5407693	DC		
3	2000	7	3.42133	2000100924	427128	5414193	DC		
4	1996	31	3.23132	1996010224	428730	5414223	DC	Discarded	
4	1997	38	3.14962	1997012624	427330	5414423	DC		
4	1998	78	2.93028	1998070824	428808.1	5412548	DC		
4	1999	11	3.39701	1999122224	428930	5412623	DC		
4	2000	10	3.40031	2000012924	426728	5414193	DC		
5	1996	44	3.09462	1996012524	428809.1	5413327	DC		
5	1997	48	3.06584	1997122024	427330	5414223	DC		
5	1998	83	2.90348	1998020824	426328	5414193	DC		
5	1999	14	3.36282	1999061124	426583.9	5407696	DC		
5	2000	12	3.37568	2000120224	427930	5414423	DC		
6	1996	90	2.87573	1996010224	428530	5414423	DC		
6	1997	72	2.96169	1997122024	427128	5414393	DC		
6	1998	87	2.8916	1998020724	425530	5414223	DC		
6	1999	16	3.35756	1999061124	426682.6	5407600	DC		
6	2000	13	3.37224	2000100924	427130	5414223	DC		
7	1997	73	2.95647	1997122024	427330	5414423	DC		
7	1998	93	2.86615	1998020824	426330	5414223	DC		
7	1999	21	3.28652	1999061124	426682.6	5407504	DC		
7	2000	15	3.35797	2000012924	426730	5414223	DC		
8	1997	79	2.92592	1997122024	427130	5414423	DC		
8	1998	98	2.8335	1998020324	427730	5414223	DC		
8	1999	22	3.28219	1999061124	426583.9	5407600	DC		
8	2000	17	3.33618	2000120224	427730	5414223	DC		
9	1997	95	2.84294	1997122024	427330	5414623	DC		
9	1999	25	3.25494	1999061124	426781.3	5407696	DC		
9	2000	19	3.29478	2000012924	427128	5414193	DC		
10	1999	30	3.23276	1999061124	426682.6	5407408	DC		
10	2000	20	3.29061	2000120224	427930	5414223	DC		
11	1999	34	3.19101	1999061124	426781.3	5407600	DC		
11	2000	23	3.26432	2000012924	427130	5414223	DC		
12	1999	35	3.18306	1999061124	426682.6	5407312	DC		
12	2000	26	3.25286	2000012924	426928	5414393	DC		
13	1999	36	3.18281	1999061124	426583.9	5407504	DC		
13	2000	27	3.25043	2000100924	427330	5414223	DC		
14	1999	37	3.156	1999061124	426781.3	5407504	DC		
14	2000	28	3.23845	2000022224	425928	5414193	DC		
15	1999	40	3.11426	1999061124	426781.3	5407408	DC		
15	2000	32	3.21287	2000012924	426930	5414423	DC		

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LEACH7 \*\*\*

16	1999	41	3.11384	1999061124	426682.6	5407216	DC
16	2000	33	3.20509	2000022224	425930	5414223	DC
17	1999	42	3.1074	1999061124	426583.9	5407408	DC
17	2000	39	3.12499	2000120224	427930	5414623	DC
18	1999	46	3.08097	1999061124	426781.3	5407312	DC
18	2000	43	3.09676	2000012924	426728	5414393	DC
19	1999	47	3.0696	1999061124	426485.3	5407696	DC
19	2000	45	3.08235	2000100924	427128	5414393	DC
20	1999	50	3.06411	1999061124	426628	5407193	DC
20	2000	49	3.06487	2000120224	427628	5414193	DC
21	1999	51	3.05511	1999061124	426583.9	5407312	DC
21	2000	53	3.04838	2000012924	426730	5414423	DC
22	1999	52	3.04926	1999061124	426781.3	5407216	DC
22	2000	54	3.04284	2000012924	427128	5414393	DC
23	1999	57	3.03198	1999061124	426682.6	5407119	DC
23	2000	55	3.04102	2000100924	427330	5414423	DC
24	1999	58	3.03146	1999122224	429128	5412693	DC
24	2000	56	3.03653	2000100924	427130	5414423	DC
25	1999	62	3.00368	1999061124	426485.3	5407600	DC
25	2000	60	3.01423	2000022224	425928	5414393	DC
26	1999	64	2.99775	1999061124	426781.3	5407119	DC
26	2000	63	3.00157	2000012924	427130	5414423	DC
27	1999	66	2.99587	1999061124	426583.9	5407216	DC
27	2000	65	2.99654	2000120224	428128	5414693	DC
28	1999	71	2.97577	1999061124	426682.6	5407023	DC
28	2000	67	2.99539	2000120224	428130	5414623	DC
29	1999	74	2.95466	1999043024	425928	5414193	DC
29	2000	69	2.98294	2000012924	426928	5414593	DC
30	1999	77	2.94581	1999061124	426781.3	5407023	DC
30	2000	70	2.97766	2000022224	425930	5414423	DC
31	1999	80	2.92152	1999121224	428930	5413223	DC
31	2000	75	2.9519	2000120224	428130	5414823	DC
32	1999	81	2.91991	1999043024	425930	5414223	DC
32	2000	76	2.94865	2000012924	426930	5414623	DC
33	1999	82	2.90543	1999061124	426485.3	5407504	DC
33	2000	86	2.89705	2000012924	426528	5414193	DC
34	1999	84	2.90262	1999061124	426583.9	5407119	DC
34	2000	89	2.88644	2000120224	427730	5414423	DC
35	1999	85	2.89722	1999122224	429130	5412823	DC
35	2000	92	2.86733	2000012924	426530	5414223	DC
36	1999	88	2.88933	1999061124	426880	5407696	DC
36	2000	100	2.82888	2000100924	427330	5414623	DC
37	1999	91	2.87492	1999121224	426528	5414193	DC
38	1999	94	2.84374	1999121224	426530	5414223	DC
39	1999	96	2.84228	1999061124	426583.9	5407023	DC
40	1999	97	2.83686	1999061124	426880	5407408	DC
41	1999	99	2.83031	1999061124	426880	5407600	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LEACH8 \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	3	3.52558	2E+09	428628	5414193	DC	Discarded	3.54299
1	1997	8	3.38684	2E+09	427330	5414223	DC	Discarded	
1	1998	62	2.99045	2E+09	427628	5414193	DC	Discarded	
1	1999	2	3.52959	2E+09	428808	5412548	DC	Discarded	
1	2000	1	3.54299	2E+09	426928	5414193	DC	Discarded	
2	1996	7	3.39658	2E+09	428730	5414223	DC	Discarded	
2	1997	32	3.18882	2E+09	427128	5414193	DC		
2	1998	73	2.9413	2E+09	425530	5414223	DC		
2	1999	5	3.46015	2E+09	426683	5407696	DC	Highest	
2	2000	4	3.49435	2E+09	426930	5414223	DC	Discarded	
3	1996	9	3.3748	2E+09	428809	5413327	DC		
3	1997	39	3.14053	2E+09	427330	5414223	DC		
3	1998	81	2.90606	2E+09	427530	5414223	DC		
3	1999	6	3.4152	2E+09	426628	5407693	DC		
3	2000	11	3.3371	2E+09	427930	5414223	DC		
4	1996	13	3.33075	2E+09	428730	5414423	DC		
4	1997	40	3.13423	2E+09	427130	5414223	DC		
4	1998	88	2.87439	2E+09	426328	5414193	DC		
4	1999	10	3.35979	2E+09	426683	5407600	DC		
4	2000	12	3.33485	2E+09	427930	5414423	DC		
5	1996	48	3.0472	2E+09	428530	5414223	DC		
5	1997	54	3.03134	2E+09	427330	5414423	DC		
5	1998	89	2.87306	2E+09	427730	5414223	DC		
5	1999	15	3.31275	2E+09	426781	5407696	DC		
5	2000	14	3.3187	2E+09	427128	5414193	DC		
6	1997	58	3.02573	2E+09	427330	5414423	DC		
6	1998	92	2.85383	2E+09	425530	5414223	DC		
6	1999	17	3.30828	2E+09	426584	5407696	DC		
6	2000	16	3.3092	2E+09	426728	5414193	DC		
7	1997	85	2.88742	2E+09	427530	5414423	DC		
7	1999	18	3.29003	2E+09	428930	5412623	DC		
7	2000	19	3.2875	2E+09	427128	5414193	DC		
8	1997	91	2.86399	2E+09	427530	5414623	DC		
8	1999	20	3.27345	2E+09	426683	5407504	DC		
8	2000	21	3.2723	2E+09	427130	5414223	DC		
9	1997	94	2.85223	2E+09	427330	5414623	DC		
9	1999	25	3.23905	2E+09	426781	5407600	DC		
9	2000	22	3.27067	2E+09	426730	5414223	DC		
10	1997	98	2.83734	2E+09	427128	5414393	DC		
10	1999	27	3.23565	2E+09	426683	5407408	DC		
10	2000	23	3.24504	2E+09	427330	5414223	DC		
11	1999	28	3.2209	2E+09	426584	5407600	DC		
11	2000	24	3.24339	2E+09	427130	5414223	DC		
12	1999	29	3.21787	2E+09	426683	5407312	DC		
12	2000	26	3.23686	2E+09	426928	5414393	DC		
13	1999	34	3.16589	2E+09	426781	5407504	DC		
13	2000	30	3.20352	2E+09	427730	5414223	DC		
14	1999	35	3.1634	2E+09	426683	5407216	DC		
14	2000	31	3.20008	2E+09	426930	5414423	DC		



\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LEACH8 \*\*\*

15	1999	36	3.15108	2E+09	426781	5407216	DC
15	2000	33	3.18017	2E+09	425928	5414193	DC
16	1999	38	3.14313	2E+09	426781	5407312	DC
16	2000	37	3.14596	2E+09	425930	5414223	DC
17	1999	41	3.13094	2E+09	426584	5407504	DC
17	2000	46	3.064	2E+09	427128	5414393	DC
18	1999	42	3.12121	2E+09	426781	5407408	DC
18	2000	49	3.04607	2E+09	428130	5414623	DC
19	1999	43	3.09897	2E+09	429128	5412693	DC
19	2000	52	3.03418	2E+09	427130	5414423	DC
20	1999	44	3.07663	2E+09	426683	5407119	DC
20	2000	55	3.0294	2E+09	428128	5414693	DC
21	1999	45	3.07222	2E+09	426584	5407408	DC
21	2000	56	3.02857	2E+09	427930	5414623	DC
22	1999	47	3.06354	2E+09	426781	5407119	DC
22	2000	57	3.02723	2E+09	427330	5414423	DC
23	1999	50	3.0363	2E+09	429130	5412623	DC
23	2000	59	3.02206	2E+09	426728	5414393	DC
24	1999	51	3.03445	2E+09	426584	5407312	DC
24	2000	63	2.9863	2E+09	427128	5414393	DC
25	1999	53	3.03364	2E+09	426628	5407193	DC
25	2000	65	2.98026	2E+09	425928	5414393	DC
26	1999	60	2.99256	2E+09	426880	5407696	DC
26	2000	68	2.97155	2E+09	426730	5414423	DC
27	1999	61	2.99187	2E+09	426683	5407023	DC
27	2000	70	2.95715	2E+09	426928	5414593	DC
28	1999	64	2.985	2E+09	426781	5407023	DC
28	2000	71	2.94895	2E+09	425930	5414423	DC
29	1999	66	2.97847	2E+09	426584	5407216	DC
29	2000	74	2.93858	2E+09	427130	5414423	DC
30	1999	67	2.97405	2E+09	428930	5413223	DC
30	2000	76	2.93354	2E+09	428130	5414823	DC
31	1999	69	2.9707	2E+09	426485	5407696	DC
31	2000	77	2.92746	2E+09	426930	5414623	DC
32	1999	72	2.94299	2E+09	426880	5407216	DC
32	2000	78	2.91547	2E+09	428130	5414423	DC
33	1999	75	2.93748	2E+09	426880	5407600	DC
33	2000	90	2.86955	2E+09	427628	5414193	DC
34	1999	79	2.91413	2E+09	426485	5407600	DC
34	2000	99	2.83641	2E+09	426528	5414193	DC
35	1999	80	2.907	2E+09	426584	5407119	DC
36	1999	82	2.89132	2E+09	426880	5407312	DC
37	1999	83	2.89016	2E+09	425928	5414193	DC
38	1999	84	2.88951	2E+09	425930	5414223	DC
39	1999	86	2.88723	2E+09	426880	5407504	DC
40	1999	87	2.88562	2E+09	426880	5407119	DC
41	1999	93	2.85313	2E+09	429130	5408623	DC
42	1999	95	2.84633	2E+09	426880	5407408	DC
43	1999	96	2.84565	2E+09	426730	5406823	DC
44	1999	97	2.84412	2E+09	429330	5412823	DC
45	1999	100	2.83375	2E+09	426728	5414193	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LG1AG\_H \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05
1	1996	42	4.66323	2E+09	426128	5407693	DC	Discarded
1	1998	1	5.86479	2E+09	424499	5408579	DC	Discarded
1	2000	23	5.04313	2E+09	426189	5407696	DC	Discarded
2	1996	44	4.61947	2E+09	426068	5407740	DC	Discarded
2	1998	2	5.84642	2E+09	424480	5408523	DC	Discarded
2	2000	24	4.9999	2E+09	426128	5407693	DC	Discarded
3	1996	45	4.61089	2E+09	426189	5407696	DC	Discarded
3	1998	3	5.79036	2E+09	424480	5408573	DC	Discarded
3	2000	25	4.97217	2E+09	426288	5407696	DC	Discarded
4	1996	46	4.60421	2E+09	426091	5407696	DC	Discarded
4	1998	4	5.78834	2E+09	424480	5408473	DC	Discarded
4	2000	27	4.93354	2E+09	426091	5407696	DC	Discarded
5	1996	69	4.31219	2E+09	426288	5407696	DC	Discarded
5	1998	5	5.66173	2E+09	424430	5408523	DC	Discarded
5	2000	28	4.93104	2E+09	426068	5407740	DC	Discarded
6	1996	70	4.30836	2E+09	426189	5407600	DC	Discarded
6	1998	6	5.65771	2E+09	424430	5408473	DC	Discarded
6	2000	37	4.7482	2E+09	426189	5407600	DC	Discarded
7	1996	71	4.30434	2E+09	426091	5407600	DC	Discarded
7	1998	7	5.64842	2E+09	424480	5408423	DC	Discarded
7	2000	38	4.69643	2E+09	426387	5407696	DC	Discarded
8	1996	81	4.18058	2E+09	425992	5407696	DC	Discarded
8	1998	8	5.57268	2E+09	424430	5408423	DC	Discarded
8	2000	40	4.6854	2E+09	426288	5407600	DC	Discarded
9	1998	9	5.55111	2E+09	424430	5408573	DC	Discarded
9	2000	43	4.63373	2E+09	426068	5407740	DC	Highest
10	1998	10	5.50672	2E+09	424380	5408473	DC	Discarded
10	2000	47	4.59863	2E+09	426091	5407600	DC	Discarded
11	1998	11	5.47181	2E+09	424380	5408423	DC	Discarded
11	2000	48	4.56676	2E+09	426189	5407696	DC	Discarded
12	1998	12	5.45989	2E+09	424380	5408523	DC	Discarded
12	2000	49	4.5451	2E+09	426128	5407693	DC	Discarded
13	1998	13	5.41443	2E+09	424480	5408373	DC	Discarded
13	2000	51	4.53056	2E+09	426091	5407696	DC	Discarded
14	1998	14	5.38152	2E+09	424430	5408373	DC	Discarded
14	2000	55	4.47229	2E+09	425992	5407696	DC	Discarded
15	1998	15	5.35167	2E+09	424380	5408373	DC	Discarded
15	2000	59	4.42048	2E+09	426189	5407504	DC	Discarded
16	1998	16	5.30284	2E+09	424328	5408393	DC	Discarded
16	2000	62	4.38577	2E+09	425992	5407696	DC	Discarded
17	1998	17	5.30025	2E+09	424380	5408573	DC	Discarded
17	2000	64	4.37313	2E+09	426387	5407600	DC	Discarded
18	1998	18	5.18714	2E+09	424284	5408372	DC	Discarded
18	2000	65	4.35195	2E+09	426288	5407504	DC	Discarded
19	1998	19	5.17204	2E+09	424284	5408471	DC	Discarded
19	2000	72	4.29567	2E+09	426091	5407504	DC	Discarded
20	1998	20	5.15523	2E+09	424430	5408323	DC	Discarded
20	2000	74	4.2746	2E+09	425992	5407600	DC	Discarded
21	1998	21	5.14518	2E+09	424480	5408323	DC	Discarded

5.86479

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LG2AG\_H \*\*\*

21	2000	75	4.25384	2E+09	426288	5407696	DC	
22	1998	22	5.14509	2E+09	424380	5408323	DC	Discarded
22	2000	76	4.25104	2E+09	426091	5407600	DC	
23	1998	26	4.94516	2E+09	424188	5408372	DC	Discarded
23	2000	77	4.24092	2E+09	426189	5407600	DC	
24	1998	29	4.91334	2E+09	424380	5408273	DC	Discarded
24	2000	78	4.21225	2E+09	426485	5407696	DC	
25	1998	30	4.89728	2E+09	424284	5408273	DC	Discarded
25	2000	82	4.16683	2E+09	425893	5407696	DC	
26	1998	31	4.88987	2E+09	424430	5408273	DC	Discarded
26	2000	84	4.15224	2E+09	424480	5408323	DC	
27	1998	32	4.84533	2E+09	424480	5408273	DC	Discarded
27	2000	85	4.14579	2E+09	425992	5407600	DC	
28	1998	33	4.81454	2E+09	424284	5408569	DC	Discarded
28	2000	86	4.14132	2E+09	424480	5408373	DC	
29	1998	34	4.80893	2E+09	424188	5408273	DC	Discarded
29	2000	88	4.12126	2E+09	425893	5407696	DC	
30	1998	35	4.79073	2E+09	424188	5408471	DC	Discarded
30	2000	89	4.11487	2E+09	426189	5407408	DC	
31	1998	36	4.75878	2E+09	424128	5408393	DC	Discarded
31	2000	95	4.08235	2E+09	424480	5408273	DC	
32	1998	39	4.69171	2E+09	424092	5408273	DC	Discarded
32	2000	97	4.0683	2E+09	426091	5407408	DC	
33	1998	41	4.68373	2E+09	424092	5408372	DC	Discarded
33	2000	98	4.06505	2E+09	426387	5407504	DC	
34	1998	50	4.53145	2E+09	423995	5408273	DC	Discarded
34	2000	99	4.064	2E+09	426068	5407740	DC	
35	1998	52	4.52868	2E+09	424128	5408193	DC	Discarded
35	2000	100	4.05965	2E+09	425992	5407504	DC	
36	1998	53	4.51502	2E+09	424328	5408193	DC	Discarded
37	1998	54	4.47332	2E+09	424216	5408177	DC	Discarded
38	1998	56	4.46306	2E+09	424117	5408177	DC	Discarded
39	1998	57	4.43382	2E+09	424314	5408177	DC	Discarded
40	1998	58	4.42602	2E+09	424018	5408177	DC	Discarded
41	1998	60	4.40214	2E+09	424092	5408471	DC	Discarded
42	1998	61	4.39519	2E+09	423995	5408372	DC	Discarded
43	1998	63	4.37899	2E+09	423928	5408193	DC	Discarded
44	1998	66	4.35137	2E+09	424413	5408177	DC	Discarded
45	1998	67	4.34832	2E+09	423919	5408177	DC	Discarded
46	1998	68	4.34347	2E+09	423899	5408273	DC	Discarded
47	1998	73	4.29565	2E+09	424188	5408569	DC	Discarded
48	1998	79	4.20877	2E+09	423821	5408177	DC	Discarded
49	1998	80	4.20861	2E+09	427457	5407714	DC	
50	1998	83	4.15346	2E+09	427553	5407714	DC	
51	1998	87	4.12654	2E+09	427361	5407714	DC	
52	1998	90	4.11058	2E+09	423919	5408081	DC	
53	1998	91	4.10814	2E+09	424018	5408081	DC	
54	1998	92	4.09769	2E+09	423928	5408393	DC	
55	1998	93	4.09667	2E+09	423803	5408273	DC	
56	1998	94	4.08994	2E+09	423899	5408372	DC	
57	1998	96	4.07322	2E+09	424117	5408081	DC	

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: MOBI \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05		
1	1996	6	4.01956	2E+09	428808	5412548	DC	Discarded	<b>Max</b>	<b>4.28225</b>
1	1997	26	3.34823	2E+09	429102	5408830	DC	Discarded		
1	1998	7	3.90792	2E+09	427720	5407741	DC	Discarded		
1	1999	1	4.28225	2E+09	426917	5407750	DC	Discarded		
1	2000	2	4.14595	2E+09	426068	5407740	DC	Discarded		
2	1996	10	3.78505	2E+09	429102	5408830	DC			
2	1997	27	3.31034	2E+09	426917	5407750	DC			
2	1998	11	3.77918	2E+09	427700	5407741	DC	Discarded		
2	1999	3	4.11449	2E+09	427700	5407741	DC	Highest		
2	2000	5	4.02256	2E+09	426068	5407740	DC			
3	1996	15	3.62067	2E+09	426068	5407740	DC			
3	1997	39	3.08101	2E+09	429093	5408498	DC			
3	1998	13	3.71286	2E+09	427700	5407741	DC			
3	1999	4	4.10436	2E+09	427720	5407741	DC			
3	2000	21	3.50432	2E+09	426068	5407740	DC			
4	1996	19	3.53836	2E+09	429102	5408830	DC			
4	1997	42	3.05419	2E+09	429102	5408830	DC			
4	1998	14	3.69911	2E+09	424499	5408579	DC			
4	1999	8	3.8559	2E+09	427700	5407741	DC			
4	2000	22	3.48183	2E+09	426068	5407740	DC			
5	1996	23	3.42989	2E+09	429272	5408732	DC			
5	1997	43	3.03064	2E+09	429425	5408830	DC			
5	1998	16	3.60202	2E+09	427718	5407601	DC			
5	1999	9	3.82639	2E+09	427720	5407741	DC			
5	2000	28	3.30158	2E+09	426917	5407750	DC			
6	1996	25	3.38739	2E+09	429093	5408498	DC			
6	1997	46	2.98159	2E+09	429272	5408532	DC			
6	1998	17	3.59259	2E+09	427720	5407741	DC			
6	1999	12	3.76805	2E+09	427718	5407601	DC			
6	2000	30	3.28305	2E+09	429102	5408830	DC			
7	1996	29	3.29679	2E+09	429272	5408532	DC			
7	1997	52	2.93699	2E+09	428564	5407591	DC			
7	1998	20	3.52804	2E+09	426068	5407740	DC			
7	1999	18	3.54855	2E+09	427718	5407601	DC			
7	2000	35	3.1945	2E+09	429093	5408498	DC			
8	1996	38	3.09148	2E+09	429425	5408830	DC			
8	1997	60	2.80804	2E+09	429272	5408732	DC			
8	1998	31	3.24747	2E+09	427720	5407741	DC			
8	1999	24	3.39704	2E+09	428564	5407591	DC			
8	2000	45	3.01959	2E+09	429102	5408830	DC			
9	1996	41	3.05567	2E+09	429102	5408830	DC			
9	1997	61	2.80609	2E+09	426068	5407740	DC			
9	1998	32	3.2232	2E+09	427700	5407741	DC			
9	1999	34	3.1947	2E+09	429102	5408830	DC			
9	2000	51	2.94408	2E+09	429272	5408732	DC			
10	1996	44	3.02656	2E+09	429414	5408504	DC			
10	1997	70	2.73883	2E+09	429272	5408732	DC			
10	1998	33	3.21154	2E+09	427718	5407601	DC			
10	1999	40	3.0646	2E+09	429425	5408830	DC			
10	2000	53	2.92651	2E+09	429102	5408830	DC			
11	1996	47	2.97843	2E+09	429431	5408490	DC			
11	1997	72	2.71829	2E+09	429414	5408504	DC			
11	1998	36	3.16887	2E+09	429102	5408830	DC			
11	1999	49	2.9582	2E+09	427720	5407741	DC			
11	2000	57	2.88271	2E+09	429425	5408830	DC			
12	1996	48	2.9664	2E+09	429272	5408732	DC			
12	1997	75	2.68331	2E+09	429431	5408490	DC			

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: MOBI \*\*\*

12	1998	37	3.13895	2E+09	423617	5407779	DC
12	1999	54	2.89857	2E+09	427700	5407741	DC
12	2000	58	2.83356	2E+09	429093	5408498	DC
13	1996	50	2.9545	2E+09	426068	5407740	DC
13	1997	83	2.62242	2E+09	427720	5407741	DC
13	1998	55	2.89738	2E+09	427718	5407601	DC
13	1999	85	2.57212	2E+09	426068	5407740	DC
13	2000	63	2.78263	2E+09	429272	5408532	DC
14	1996	56	2.89205	2E+09	426917	5407750	DC
14	1997	94	2.54659	2E+09	426068	5407740	DC
14	1998	65	2.76917	2E+09	424461	5407786	DC
14	1999	87	2.56371	2E+09	429272	5408732	DC
14	2000	64	2.77141	2E+09	424499	5408579	DC
15	1996	59	2.82302	2E+09	428808	5412548	DC
15	1998	67	2.75605	2E+09	429272	5408732	DC
15	1999	95	2.54325	2E+09	427718	5407601	DC
15	2000	66	2.75934	2E+09	429425	5408830	DC
16	1996	62	2.7929	2E+09	429425	5408830	DC
16	1998	68	2.75375	2E+09	426068	5407740	DC
16	1999	97	2.53398	2E+09	425276	5407752	DC
16	2000	73	2.70972	2E+09	429093	5408498	DC
17	1996	76	2.68194	2E+09	429425	5408830	DC
17	1998	69	2.74073	2E+09	426068	5407740	DC
17	2000	77	2.67893	2E+09	429102	5408830	DC
18	1996	84	2.61308	2E+09	429472	5408332	DC
18	1998	71	2.71838	2E+09	425245	5406949	DC
18	2000	78	2.6755	2E+09	426917	5407750	DC
19	1996	98	2.53295	2E+09	429614	5413326	DC
19	1998	74	2.6918	2E+09	426068	5407740	DC
19	2000	81	2.65406	2E+09	429093	5408498	DC
20	1996	99	2.53179	2E+09	429272	5408732	DC
20	1998	79	2.67077	2E+09	427700	5407741	DC
20	2000	82	2.62533	2E+09	426917	5407750	DC
21	1998	80	2.65553	2E+09	427720	5407741	DC
21	2000	89	2.5516	2E+09	424461	5407786	DC
22	1998	86	2.56702	2E+09	429102	5408830	DC
22	2000	90	2.54983	2E+09	426917	5407750	DC
23	1998	88	2.55194	2E+09	423272	5407932	DC
23	2000	96	2.53642	2E+09	429272	5408732	DC
24	1998	91	2.54971	2E+09	429425	5408830	DC
25	1998	92	2.54936	2E+09	426068	5407740	DC
26	1998	93	2.54761	2E+09	425276	5407752	DC
27	1998	100	2.52629	2E+09	425276	5407752	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NPAG\_HR \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	58	6.19052	2E+09	423707	5408569	DC	Discarded	7.78099
1	1998	8	7.02839	2E+09	424499	5408579	DC	Discarded	
1	1999	82	5.93395	2E+09	422928	5408593	DC	Discarded	
1	2000	1	7.78099	2E+09	423707	5408569	DC	Discarded	
2	1996	62	6.10778	2E+09	423803	5408569	DC	Discarded	
2	1998	11	7.00016	2E+09	424430	5408573	DC	Discarded	
2	1999	92	5.87655	2E+09	423128	5408593	DC	Discarded	
2	2000	2	7.77907	2E+09	423611	5408569	DC	Discarded	
3	1996	67	6.07978	2E+09	423611	5408569	DC	Discarded	
3	1998	12	6.99388	2E+09	424480	5408573	DC	Discarded	
3	2000	3	7.64606	2E+09	423515	5408569	DC	Discarded	
4	1996	99	5.85474	2E+09	423515	5408569	DC	Discarded	
4	1998	13	6.97479	2E+09	424380	5408573	DC	Discarded	
4	2000	4	7.51199	2E+09	423803	5408569	DC	Discarded	
5	1998	16	6.80519	2E+09	424284	5408569	DC	Discarded	
5	2000	5	7.35759	2E+09	423418	5408569	DC	Discarded	
6	1998	24	6.65123	2E+09	424480	5408523	DC	Discarded	
6	2000	6	7.10156	2E+09	423611	5408471	DC	Discarded	
7	1998	25	6.64145	2E+09	424430	5408523	DC	Discarded	
7	2000	7	7.05056	2E+09	423707	5408471	DC	Discarded	
8	1998	26	6.60498	2E+09	424380	5408523	DC	Discarded	
8	2000	9	7.00955	2E+09	423328	5408593	DC	Discarded	
9	1998	29	6.5574	2E+09	424188	5408569	DC	Discarded	
9	2000	10	7.007	2E+09	423515	5408471	DC	Discarded	
10	1998	34	6.46714	2E+09	422128	5408593	DC		
10	2000	14	6.95157	2E+09	423899	5408569	DC	Discarded	
11	1998	37	6.43924	2E+09	423328	5408593	DC		
11	2000	15	6.86409	2E+09	423322	5408569	DC	Discarded	
12	1998	40	6.37827	2E+09	421928	5408593	DC		
12	2000	17	6.79598	2E+09	423611	5408569	DC	Highest	
13	1998	45	6.32507	2E+09	424480	5408473	DC		
13	2000	18	6.77944	2E+09	423707	5408569	DC		
14	1998	46	6.3159	2E+09	423322	5408569	DC		
14	2000	19	6.76903	2E+09	423803	5408569	DC		
15	1998	49	6.3013	2E+09	424430	5408473	DC		
15	2000	20	6.75595	2E+09	423418	5408471	DC		
16	1998	51	6.25472	2E+09	424380	5408473	DC		
16	2000	21	6.70356	2E+09	423803	5408471	DC		
17	1998	52	6.25298	2E+09	424092	5408569	DC		
17	2000	22	6.67697	2E+09	423515	5408569	DC		
18	1998	59	6.17882	2E+09	422328	5408593	DC		
18	2000	23	6.66728	2E+09	423707	5408569	DC		
19	1998	60	6.16536	2E+09	423226	5408569	DC		
19	2000	27	6.60324	2E+09	423528	5408393	DC		
20	1998	65	6.0868	2E+09	424284	5408471	DC		
20	2000	28	6.57666	2E+09	423611	5408372	DC		
21	1998	66	6.08623	2E+09	423418	5408569	DC		
21	2000	30	6.52261	2E+09	423899	5408569	DC		
22	1998	71	6.02489	2E+09	424480	5408423	DC		

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NPAG\_HR \*\*\*

22	2000	31	6.52253	2E+09	423418	5408569	DC
23	1998	74	5.99242	2E+09	424430	5408423	DC
23	2000	32	6.50183	2E+09	423728	5408393	DC
24	1998	77	5.96561	2E+09	423515	5408569	DC
24	2000	33	6.48178	2E+09	423803	5408569	DC
25	1998	78	5.96521	2E+09	423418	5408569	DC
25	2000	35	6.46352	2E+09	423515	5408372	DC
26	1998	80	5.9381	2E+09	424380	5408423	DC
26	2000	36	6.45947	2E+09	423707	5408372	DC
27	1998	88	5.90245	2E+09	421728	5408593	DC
27	2000	38	6.38939	2E+09	423322	5408471	DC
28	1998	90	5.88411	2E+09	423328	5408593	DC
28	2000	39	6.38712	2E+09	423328	5408593	DC
29	1998	95	5.8679	2E+09	423226	5408471	DC
29	2000	41	6.37771	2E+09	423995	5408569	DC
30	1998	96	5.86442	2E+09	424188	5408471	DC
30	2000	42	6.36281	2E+09	423707	5408471	DC
31	1998	100	5.84202	2E+09	423130	5408569	DC
31	2000	43	6.34156	2E+09	423611	5408569	DC
32	2000	44	6.33785	2E+09	423226	5408569	DC
33	2000	47	6.31211	2E+09	423803	5408471	DC
34	2000	48	6.30244	2E+09	423611	5408471	DC
35	2000	50	6.27114	2E+09	423322	5408569	DC
36	2000	53	6.23234	2E+09	423707	5408471	DC
37	2000	54	6.22784	2E+09	423418	5408372	DC
38	2000	55	6.21374	2E+09	423515	5408471	DC
39	2000	56	6.20389	2E+09	423899	5408471	DC
40	2000	57	6.19213	2E+09	423728	5408393	DC
41	2000	61	6.13456	2E+09	423707	5408372	DC
42	2000	63	6.09226	2E+09	423611	5408471	DC
43	2000	64	6.092	2E+09	423611	5408273	DC
44	2000	68	6.04189	2E+09	423803	5408372	DC
45	2000	69	6.03871	2E+09	423418	5408471	DC
46	2000	70	6.03375	2E+09	423328	5408393	DC
47	2000	72	6.00306	2E+09	423803	5408372	DC
48	2000	73	5.99529	2E+09	423515	5408273	DC
49	2000	75	5.98359	2E+09	423995	5408569	DC
50	2000	76	5.97307	2E+09	423226	5408471	DC
51	2000	79	5.96512	2E+09	423899	5408471	DC
52	2000	81	5.9346	2E+09	423528	5408393	DC
53	2000	83	5.91913	2E+09	423611	5408372	DC
54	2000	84	5.91768	2E+09	423611	5408372	DC
55	2000	85	5.91521	2E+09	423515	5408569	DC
56	2000	86	5.91087	2E+09	423322	5408372	DC
57	2000	87	5.90659	2E+09	423899	5408569	DC
58	2000	89	5.88811	2E+09	423128	5408593	DC
59	2000	91	5.87988	2E+09	423226	5408569	DC
60	2000	93	5.87608	2E+09	424092	5408569	DC
61	2000	94	5.87431	2E+09	423322	5408471	DC
62	2000	97	5.8626	2E+09	423130	5408569	DC
63	2000	98	5.8604	2E+09	423803	5408471	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OC1 \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	1	8.00082	2E+09	429730	5412623	DC	Discarded	8.00082
1	1997	4	7.29457	2E+09	428808	5412548	DC	Discarded	
1	1998	13	6.59958	2E+09	428808	5412548	DC	Discarded	
1	1999	25	6.18522	2E+09	429130	5408823	DC	Discarded	
1	2000	2	7.5582	2E+09	428808	5412548	DC	Discarded	
2	1996	6	6.91444	2E+09	429930	5412623	DC		
2	1997	11	6.67588	2E+09	428808	5412548	DC		
2	1998	19	6.49583	2E+09	428930	5412623	DC	Discarded	
2	1999	27	6.15844	2E+09	429102	5408830	DC	Discarded	
2	2000	3	7.35422	2E+09	429130	5412623	DC	Highest	
3	1996	7	6.89927	2E+09	429730	5412823	DC		
3	1997	16	6.57525	2E+09	428930	5412623	DC		
3	1998	20	6.42188	2E+09	429102	5408830	DC		
3	1999	42	5.55756	2E+09	430381	5410114	DC		
3	2000	5	7.28013	2E+09	428808	5412548	DC		
4	1996	14	6.58671	2E+09	429930	5412823	DC		
4	1997	22	6.31018	2E+09	428930	5412623	DC		
4	1998	21	6.33243	2E+09	429130	5412623	DC		
4	1999	45	5.51845	2E+09	429130	5408823	DC		
4	2000	8	6.8615	2E+09	428930	5412623	DC		
5	1996	15	6.58588	2E+09	429530	5412623	DC		
5	1997	30	5.99902	2E+09	428930	5412823	DC		
5	1998	24	6.21685	2E+09	429128	5412693	DC		
5	1999	48	5.45941	2E+09	429128	5408693	DC		
5	2000	9	6.84756	2E+09	429128	5412693	DC		
6	1996	17	6.51044	2E+09	430130	5412623	DC		
6	1997	32	5.97127	2E+09	428930	5412823	DC		
6	1998	28	6.11134	2E+09	429130	5408823	DC		
6	1999	49	5.43642	2E+09	429102	5408830	DC		
6	2000	10	6.743	2E+09	429330	5412623	DC		
7	1996	18	6.50879	2E+09	429730	5412623	DC		
7	1997	43	5.55197	2E+09	428930	5413023	DC		
7	1998	31	5.97297	2E+09	429128	5408693	DC		
7	1999	60	5.17484	2E+09	429330	5408823	DC		
7	2000	12	6.62247	2E+09	429330	5412823	DC		
8	1996	23	6.30655	2E+09	429930	5413023	DC		
8	1997	51	5.36829	2E+09	429930	5412623	DC		
8	1998	35	5.93061	2E+09	429130	5412823	DC		
8	1999	63	5.13946	2E+09	429130	5412623	DC		
8	2000	26	6.17052	2E+09	428930	5412823	DC		
9	1996	34	5.94029	2E+09	430130	5412823	DC		
9	1997	57	5.24646	2E+09	428930	5413023	DC		
9	1998	36	5.89527	2E+09	429330	5408823	DC		
9	1999	71	5.08221	2E+09	429130	5408623	DC		
9	2000	29	6.08518	2E+09	429330	5413023	DC		
10	1996	39	5.84996	2E+09	429930	5412823	DC		
10	1997	80	4.97414	2E+09	428930	5413223	DC		
10	1998	38	5.85091	2E+09	429130	5408623	DC		
10	1999	78	5.01398	2E+09	429330	5408623	DC		



\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OC1 \*\*\*

10	2000	33	5.96786	2E+09	429130	5412823	DC
11	1996	41	5.75126	2E+09	430381	5410114	DC
11	1997	96	4.76927	2E+09	430381	5410114	DC
11	1998	40	5.78764	2E+09	429093	5408498	DC
11	1999	79	5.00943	2E+09	429330	5412623	DC
11	2000	37	5.88225	2E+09	430381	5410114	DC
12	1996	46	5.46937	2E+09	430330	5412823	DC
12	1997	97	4.76745	2E+09	429130	5413023	DC
12	1998	44	5.54329	2E+09	429425	5408830	DC
12	1999	91	4.8163	2E+09	429128	5408693	DC
12	2000	47	5.46395	2E+09	428930	5413023	DC
13	1996	53	5.31671	2E+09	430381	5410114	DC
13	1997	99	4.75869	2E+09	430130	5412623	DC
13	1998	50	5.3731	2E+09	428930	5412823	DC
13	1999	98	4.76216	2E+09	429128	5412693	DC
13	2000	52	5.33054	2E+09	428930	5412623	DC
14	1996	58	5.24366	2E+09	430130	5413223	DC
14	1998	56	5.27219	2E+09	429130	5413023	DC
14	1999	100	4.73726	2E+09	429330	5412823	DC
14	2000	54	5.30099	2E+09	429530	5413223	DC
15	1996	59	5.20594	2E+09	430330	5412623	DC
15	1998	76	5.03097	2E+09	429330	5408623	DC
15	2000	55	5.27919	2E+09	428930	5412823	DC
16	1996	62	5.15641	2E+09	430530	5410023	DC
16	1998	84	4.9088	2E+09	429130	5408823	DC
16	2000	61	5.16964	2E+09	429530	5413023	DC
17	1996	65	5.13713	2E+09	430130	5413023	DC
17	1998	90	4.82635	2E+09	429930	5412623	DC
17	2000	64	5.13895	2E+09	429330	5413223	DC
18	1996	68	5.10229	2E+09	429930	5412623	DC
18	1998	95	4.77712	2E+09	429330	5413023	DC
18	2000	66	5.13575	2E+09	430381	5410114	DC
19	1996	69	5.0959	2E+09	430130	5413023	DC
19	2000	67	5.13571	2E+09	428930	5413023	DC
20	1996	73	5.061	2E+09	428808	5412548	DC
20	2000	70	5.09008	2E+09	428809	5413327	DC
21	1996	74	5.0449	2E+09	429930	5413223	DC
21	2000	72	5.06502	2E+09	429330	5412623	DC
22	1996	75	5.03296	2E+09	430330	5413023	DC
22	2000	77	5.01929	2E+09	429530	5412623	DC
23	1996	82	4.94081	2E+09	429730	5412823	DC
23	2000	81	4.9446	2E+09	429128	5412693	DC
24	1996	87	4.87013	2E+09	429730	5413023	DC
24	2000	83	4.90905	2E+09	429130	5412623	DC
25	1996	94	4.77843	2E+09	430730	5410023	DC
25	2000	85	4.90453	2E+09	428808	5412548	DC
26	2000	86	4.90348	2E+09	429130	5412823	DC
27	2000	88	4.84511	2E+09	428930	5413223	DC
28	2000	89	4.8348	2E+09	429530	5412823	DC
29	2000	92	4.80699	2E+09	428930	5413223	DC
30	2000	93	4.79584	2E+09	429614	5413326	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAG\_HR \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	20	4.19474	2E+09	429330	5408823	DC	Discarded	5.25228
1	1997	24	4.16789	2E+09	429102	5408830	DC	Discarded	
1	1998	31	4.05599	2E+09	429102	5408830	DC	Discarded	
1	1999	1	5.25228	2E+09	429130	5408623	DC	Discarded	
1	2000	3	5.2388	2E+09	430530	5409423	DC	Discarded	
2	1996	25	4.13871	2E+09	429102	5408830	DC	Discarded	
2	1997	28	4.09515	2E+09	429130	5408823	DC	Discarded	
2	1998	35	3.99589	2E+09	429093	5408498	DC		
2	1999	2	5.24824	2E+09	429128	5408693	DC	Discarded	
2	2000	7	4.87686	2E+09	430730	5409423	DC	Discarded	
3	1996	26	4.11846	2E+09	429130	5408823	DC	Discarded	
3	1997	39	3.85739	2E+09	429128	5408693	DC	Discarded	
3	1998	37	3.96188	2E+09	429130	5408823	DC		
3	1999	4	5.19978	2E+09	429093	5408498	DC	Discarded	
3	2000	8	4.81257	2E+09	429102	5408830	DC	Highest	
4	1996	33	4.01526	2E+09	429425	5408830	DC	Discarded	
4	1997	48	3.72388	2E+09	429128	5408693	DC		
4	1998	45	3.76722	2E+09	429130	5408623	DC		
4	1999	5	5.14987	2E+09	429102	5408830	DC	Discarded	
4	2000	9	4.75512	2E+09	429130	5408823	DC		
5	1996	69	3.59066	2E+09	429128	5408693	DC	Discarded	
5	1997	50	3.71256	2E+09	429102	5408830	DC		
5	1998	46	3.7595	2E+09	429128	5408693	DC		
5	1999	6	4.96848	2E+09	429130	5408823	DC	Discarded	
5	2000	10	4.74125	2E+09	429425	5408830	DC		
6	1996	73	3.55986	2E+09	429330	5408623	DC	Discarded	
6	1997	53	3.68685	2E+09	429130	5408623	DC		
6	1998	47	3.74348	2E+09	429102	5408830	DC		
6	1999	14	4.46102	2E+09	429330	5408623	DC	Discarded	
6	2000	11	4.73768	2E+09	429330	5408823	DC		
7	1996	92	3.45072	2E+09	430530	5409823	DC		
7	1997	54	3.68254	2E+09	429102	5408830	DC		
7	1998	56	3.68095	2E+09	429128	5408693	DC		
7	1999	15	4.38928	2E+09	429414	5408504	DC	Discarded	
7	2000	12	4.69921	2E+09	430530	5409623	DC		
8	1996	99	3.42787	2E+09	429930	5412623	DC		
8	1997	55	3.68236	2E+09	429130	5408623	DC		
8	1998	68	3.59297	2E+09	429130	5408823	DC		
8	1999	16	4.33584	2E+09	429431	5408490	DC	Discarded	
8	2000	13	4.63271	2E+09	430795	5409527	DC		
9	1997	59	3.64093	2E+09	429330	5408823	DC		
9	1998	72	3.5643	2E+09	429330	5408823	DC		
9	1999	18	4.2756	2E+09	429330	5408823	DC		
9	2000	17	4.30941	2E+09	430930	5409423	DC		
10	1997	60	3.63594	2E+09	429130	5408823	DC		
10	1998	79	3.50908	2E+09	429130	5408623	DC		
10	1999	21	4.18872	2E+09	429530	5408223	DC		
10	2000	19	4.2697	2E+09	430530	5409823	DC		
11	1997	61	3.62677	2E+09	429425	5408830	DC		

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAG\_HR \*\*\*

11	1998	90	3.4556	2E+09	426128	5407693	DC
11	1999	22	4.17106	2E+09	429102	5408830	DC
11	2000	29	4.08756	2E+09	431130	5409423	DC
12	1997	62	3.62674	2E+09	429102	5408830	DC
12	1998	96	3.43899	2E+09	426189	5407696	DC
12	1999	23	4.16888	2E+09	429130	5408823	DC
12	2000	30	4.06254	2E+09	429128	5408693	DC
13	1997	63	3.62175	2E+09	429330	5408823	DC
13	1998	97	3.43736	2E+09	424480	5408273	DC
13	1999	27	4.11678	2E+09	429425	5408830	DC
13	2000	32	4.04647	2E+09	429425	5408830	DC
14	1997	66	3.60265	2E+09	429330	5408623	DC
14	1999	36	3.97575	2E+09	429530	5408423	DC
14	2000	34	4.01259	2E+09	430730	5409623	DC
15	1997	70	3.58118	2E+09	429093	5408498	DC
15	1999	41	3.81385	2E+09	429530	5408023	DC
15	2000	38	3.90846	2E+09	429425	5408830	DC
16	1997	74	3.55716	2E+09	429130	5408823	DC
16	1999	81	3.48822	2E+09	430530	5409423	DC
16	2000	40	3.85231	2E+09	429330	5408823	DC
17	1997	77	3.53459	2E+09	429130	5408823	DC
17	1999	85	3.46717	2E+09	429330	5408823	DC
17	2000	42	3.79329	2E+09	429330	5408823	DC
18	1997	93	3.44402	2E+09	429093	5408498	DC
18	1999	89	3.45843	2E+09	429330	5408623	DC
18	2000	43	3.78752	2E+09	429330	5408623	DC
19	1997	98	3.43603	2E+09	429102	5408830	DC
19	1999	91	3.45424	2E+09	429128	5408693	DC
19	2000	44	3.77054	2E+09	430730	5409823	DC
20	1999	94	3.44189	2E+09	430530	5409223	DC
20	2000	49	3.71328	2E+09	429130	5408623	DC
21	2000	51	3.69704	2E+09	427265	5407714	DC
22	2000	52	3.69505	2E+09	429102	5408830	DC
23	2000	57	3.66498	2E+09	427168	5407714	DC
24	2000	58	3.66303	2E+09	430530	5409823	DC
25	2000	64	3.61719	2E+09	429130	5408823	DC
26	2000	65	3.60659	2E+09	427361	5407714	DC
27	2000	67	3.59432	2E+09	427128	5407693	DC
28	2000	71	3.57675	2E+09	427072	5407714	DC
29	2000	75	3.55339	2E+09	429102	5408830	DC
30	2000	76	3.55192	2E+09	429130	5408823	DC
31	2000	78	3.50932	2E+09	430530	5409223	DC
32	2000	80	3.4922	2E+09	430530	5409623	DC
33	2000	82	3.47171	2E+09	427168	5407615	DC
34	2000	83	3.47038	2E+09	430530	5409223	DC
35	2000	84	3.46805	2E+09	430730	5409223	DC
36	2000	86	3.46448	2E+09	429130	5408823	DC
37	2000	87	3.46447	2E+09	427265	5407615	DC
38	2000	88	3.46268	2E+09	429102	5408830	DC
39	2000	95	3.43949	2E+09	429128	5408693	DC
40	2000	100	3.42543	2E+09	427072	5407615	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PIT \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	29	5.169	2E+09	424480	5408373	DC	Discarded	5.89225
1	1998	1	5.89225	2E+09	423128	5408593	DC	Discarded	
1	1999	14	5.55445	2E+09	425992	5407696	DC	Discarded	
1	2000	72	4.84675	2E+09	425276	5407752	DC	Discarded	
2	1996	30	5.16536	2E+09	424480	5408423	DC	Discarded	
2	1998	2	5.829	2E+09	424480	5408323	DC	Highest	
2	1999	15	5.5177	2E+09	425893	5407696	DC	Discarded	
2	2000	92	4.74233	2E+09	423418	5408569	DC		
3	1996	33	5.13463	2E+09	424480	5408323	DC	Discarded	
3	1998	3	5.82699	2E+09	424480	5408373	DC		
3	1999	20	5.40854	2E+09	425992	5407600	DC	Discarded	
4	1996	35	5.11319	2E+09	424480	5408473	DC	Discarded	
4	1998	4	5.81942	2E+09	423328	5408593	DC		
4	1999	24	5.30394	2E+09	425893	5407600	DC	Discarded	
5	1996	42	5.06065	2E+09	424480	5408273	DC	Discarded	
5	1998	5	5.77486	2E+09	423130	5408569	DC		
5	1999	26	5.25143	2E+09	425992	5407504	DC	Discarded	
6	1996	47	5.0379	2E+09	424499	5408579	DC	Discarded	
6	1998	6	5.76892	2E+09	424480	5408273	DC		
6	1999	34	5.11753	2E+09	425893	5407504	DC	Discarded	
7	1996	54	5.02072	2E+09	424480	5408523	DC	Discarded	
7	1998	7	5.76372	2E+09	424480	5408423	DC		
7	1999	36	5.10639	2E+09	426068	5407740	DC	Discarded	
8	1996	62	4.92273	2E+09	424430	5408323	DC	Discarded	
8	1998	8	5.7444	2E+09	423226	5408569	DC		
8	1999	44	5.04978	2E+09	425992	5407408	DC	Discarded	
9	1996	64	4.90851	2E+09	424430	5408273	DC	Discarded	
9	1998	9	5.64168	2E+09	423322	5408569	DC		
9	1999	50	5.03089	2E+09	424499	5408579	DC		
10	1996	66	4.89713	2E+09	424430	5408373	DC	Discarded	
10	1998	10	5.62361	2E+09	424480	5408473	DC		
10	1999	59	4.95018	2E+09	424480	5408573	DC		
11	1996	67	4.88581	2E+09	424480	5408573	DC	Discarded	
11	1998	11	5.59968	2E+09	422928	5408593	DC		
11	1999	61	4.92896	2E+09	425794	5407696	DC		
12	1996	74	4.83662	2E+09	424430	5408423	DC	Discarded	
12	1998	12	5.58861	2E+09	424430	5408273	DC		
12	1999	63	4.92074	2E+09	425893	5407408	DC		
13	1996	91	4.74328	2E+09	424413	5408177	DC	Discarded	
13	1998	13	5.56133	2E+09	424430	5408323	DC		
13	1999	70	4.86501	2E+09	425992	5407312	DC		
14	1996	94	4.731	2E+09	424430	5408473	DC	Discarded	
14	1998	16	5.48704	2E+09	423418	5408569	DC		
14	1999	75	4.83356	2E+09	424480	5408523	DC		
15	1998	17	5.47065	2E+09	424430	5408373	DC		
15	1999	79	4.82132	2E+09	426091	5407600	DC		
16	1998	18	5.44215	2E+09	424413	5408177	DC		
16	1999	85	4.78976	2E+09	424499	5408579	DC		
17	1998	19	5.41859	2E+09	424480	5408523	DC		
17	1999	88	4.77392	2E+09	424430	5408573	DC		
18	1998	21	5.34416	2E+09	424499	5408579	DC		
18	1999	89	4.76623	2E+09	426091	5407504	DC		
19	1998	22	5.32315	2E+09	424430	5408423	DC		

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PIT \*\*\*

19	1999	90	4.75458	2E+09	426091	5407696	DC
20	1998	23	5.30736	2E+09	424380	5408273	DC
20	1999	93	4.73649	2E+09	425893	5407312	DC
21	1998	25	5.29224	2E+09	423515	5408569	DC
21	1999	96	4.72452	2E+09	425794	5407600	DC
22	1998	27	5.19978	2E+09	424380	5408323	DC
22	1999	98	4.71544	2E+09	424480	5408473	DC
23	1998	28	5.19222	2E+09	424413	5408081	DC
23	1999	99	4.70955	2E+09	424480	5408573	DC
24	1998	31	5.1638	2E+09	423130	5408471	DC
25	1998	32	5.1469	2E+09	424480	5408573	DC
26	1998	37	5.10372	2E+09	424430	5408473	DC
27	1998	38	5.09341	2E+09	424328	5408193	DC
28	1998	39	5.0846	2E+09	426485	5407696	DC
29	1998	40	5.07592	2E+09	423611	5408569	DC
30	1998	41	5.06209	2E+09	424480	5408423	DC
31	1998	43	5.05486	2E+09	424314	5408081	DC
32	1998	45	5.04127	2E+09	424480	5408473	DC
33	1998	46	5.03796	2E+09	424380	5408373	DC
34	1998	48	5.03207	2E+09	422930	5408423	DC
35	1998	49	5.03151	2E+09	424314	5408177	DC
36	1998	51	5.02648	2E+09	422728	5408593	DC
37	1998	52	5.02368	2E+09	424480	5408373	DC
38	1998	53	5.02324	2E+09	423226	5408471	DC
39	1998	55	4.96825	2E+09	422730	5408423	DC
40	1998	56	4.96668	2E+09	424480	5408523	DC
41	1998	57	4.96627	2E+09	424499	5408579	DC
42	1998	58	4.95575	2E+09	426584	5407696	DC
43	1998	60	4.9465	2E+09	424480	5408323	DC
44	1998	65	4.89834	2E+09	424314	5407985	DC
45	1998	68	4.8826	2E+09	422728	5408393	DC
46	1998	69	4.87034	2E+09	422928	5408393	DC
47	1998	71	4.84733	2E+09	423707	5408569	DC
48	1998	73	4.84514	2E+09	423322	5408471	DC
49	1998	76	4.83259	2E+09	424480	5408273	DC
50	1998	77	4.8307	2E+09	424430	5408523	DC
51	1998	78	4.82715	2E+09	424480	5408573	DC
52	1998	80	4.81878	2E+09	424430	5408373	DC
53	1998	81	4.81311	2E+09	424380	5408423	DC
54	1998	82	4.80103	2E+09	424430	5408423	DC
55	1998	83	4.79871	2E+09	424413	5407985	DC
56	1998	84	4.79553	2E+09	424430	5408323	DC
57	1998	86	4.78053	2E+09	426584	5407600	DC
58	1998	87	4.77996	2E+09	426485	5407600	DC
59	1998	95	4.7296	2E+09	424430	5408273	DC
60	1998	97	4.71783	2E+09	424430	5408473	DC
61	1998	100	4.70933	2E+09	426628	5407693	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PORT1 \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	9	1.67449	2E+09	428808	5412548	DC	Discarded	2.60398
1	1997	41	1.18526	2E+09	429093	5408498	DC	Discarded	
1	1998	3	2.24753	2E+09	428808	5412548	DC	Discarded	
1	1999	1	2.60398	2E+09	427720	5407741	DC	Discarded	
1	2000	5	2.00938	2E+09	426068	5407740	DC	Discarded	
2	1996	12	1.58053	2E+09	428808	5412548	DC		
2	1997	60	1.10259	2E+09	429093	5408498	DC		
2	1998	6	1.93182	2E+09	429102	5408830	DC	Highest	
2	1999	2	2.5311	2E+09	427700	5407741	DC	Discarded	
2	2000	10	1.66092	2E+09	426068	5407740	DC		
3	1996	19	1.41456	2E+09	429093	5408498	DC		
3	1997	75	1.04237	2E+09	429102	5408830	DC		
3	1998	7	1.89859	2E+09	429102	5408830	DC		
3	1999	4	2.15452	2E+09	427718	5407601	DC	Discarded	
3	2000	14	1.54192	2E+09	430381	5410114	DC		
4	1996	22	1.3803	2E+09	428808	5412548	DC		
4	1997	79	1.0278	2E+09	429272	5408532	DC		
4	1998	8	1.75667	2E+09	429272	5408732	DC		
4	1999	20	1.40987	2E+09	428808	5412548	DC		
4	2000	16	1.49973	2E+09	426917	5407750	DC		
5	1996	24	1.344	2E+09	429272	5408532	DC		
5	1998	11	1.64291	2E+09	424499	5408579	DC		
5	1999	26	1.3314	2E+09	428809	5413327	DC		
5	2000	17	1.4537	2E+09	424499	5408579	DC		
6	1996	29	1.2605	2E+09	430381	5410114	DC		
6	1998	13	1.5609	2E+09	429272	5408532	DC		
6	1999	49	1.14668	2E+09	428808	5412548	DC		
6	2000	25	1.33659	2E+09	429102	5408830	DC		
7	1996	31	1.24587	2E+09	424461	5407786	DC		
7	1998	15	1.51392	2E+09	429272	5408732	DC		
7	1999	63	1.0907	2E+09	426917	5407750	DC		
7	2000	43	1.18289	2E+09	429093	5408498	DC		
8	1996	32	1.23989	2E+09	429614	5413326	DC		
8	1998	18	1.4516	2E+09	429414	5408504	DC		
8	1999	69	1.05944	2E+09	427720	5407741	DC		
8	2000	48	1.15517	2E+09	424461	5407786	DC		
9	1996	33	1.239	2E+09	429472	5408332	DC		
9	1998	21	1.40131	2E+09	428808	5412548	DC		
9	1999	70	1.05633	2E+09	426917	5407750	DC		
9	2000	52	1.1301	2E+09	429272	5408732	DC		
10	1996	34	1.23785	2E+09	429414	5408504	DC		
10	1998	23	1.37482	2E+09	429431	5408490	DC		
10	1999	78	1.0312	2E+09	427700	5407741	DC		
10	2000	54	1.12017	2E+09	428809	5413327	DC		
11	1996	35	1.23312	2E+09	429431	5408490	DC		
11	1998	27	1.31018	2E+09	429614	5413326	DC		
11	1999	82	1.01707	2E+09	428809	5413327	DC		
11	2000	71	1.05393	2E+09	425276	5407752	DC		
12	1996	40	1.20329	2E+09	427700	5407741	DC		

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PORT1 \*\*\*

12	1998	28	1.27917	2E+09	426068	5407740	DC
12	1999	87	1.00719	2E+09	429614	5413326	DC
12	2000	72	1.04988	2E+09	428809	5413327	DC
13	1996	42	1.18474	2E+09	427720	5407741	DC
13	1998	30	1.25956	2E+09	429102	5408830	DC
13	1999	89	1.00106	2E+09	425276	5407752	DC
13	2000	100	0.96986	2E+09	429422	5407591	DC
14	1996	45	1.17321	2E+09	427718	5407601	DC
14	1998	36	1.23305	2E+09	428808	5412548	DC
14	1999	90	0.99287	2E+09	429102	5408830	DC
15	1996	47	1.15769	2E+09	429102	5408830	DC
15	1998	37	1.20917	2E+09	429672	5408332	DC
15	1999	94	0.98791	2E+09	425245	5406949	DC
16	1996	55	1.11643	2E+09	429672	5408332	DC
16	1998	38	1.20849	2E+09	429425	5408830	DC
16	1999	97	0.98013	2E+09	429425	5408830	DC
17	1996	61	1.10088	2E+09	429272	5408732	DC
17	1998	39	1.20443	2E+09	429093	5408498	DC
18	1996	62	1.09168	2E+09	429472	5408132	DC
18	1998	44	1.18184	2E+09	426068	5407740	DC
19	1996	66	1.07373	2E+09	429672	5408132	DC
19	1998	46	1.16011	2E+09	429872	5408332	DC
20	1996	92	0.98907	2E+09	429872	5408132	DC
20	1998	50	1.13618	2E+09	428817	5414150	DC
21	1998	51	1.13466	2E+09	429472	5408332	DC
22	1998	53	1.12494	2E+09	426068	5407740	DC
23	1998	56	1.11487	2E+09	429272	5408532	DC
24	1998	57	1.11317	2E+09	429102	5408830	DC
25	1998	58	1.11237	2E+09	429272	5408732	DC
26	1998	59	1.109	2E+09	429102	5408830	DC
27	1998	64	1.08463	2E+09	424499	5408579	DC
28	1998	65	1.07794	2E+09	429093	5408498	DC
29	1998	67	1.07245	2E+09	429425	5408830	DC
30	1998	68	1.06657	2E+09	424461	5407786	DC
31	1998	73	1.04489	2E+09	430072	5408332	DC
32	1998	74	1.04291	2E+09	429272	5408732	DC
33	1998	76	1.03693	2E+09	429272	5408732	DC
34	1998	77	1.03299	2E+09	424792	5414601	DC
35	1998	80	1.02414	2E+09	429102	5408830	DC
36	1998	81	1.02394	2E+09	428808	5412548	DC
37	1998	83	1.01646	2E+09	429414	5408504	DC
38	1998	84	1.0163	2E+09	423272	5407932	DC
39	1998	85	1.00924	2E+09	424461	5407786	DC
40	1998	86	1.0079	2E+09	426917	5407750	DC
41	1998	88	1.00389	2E+09	430072	5408132	DC
42	1998	91	0.98925	2E+09	428809	5413327	DC
43	1998	93	0.98818	2E+09	422806	5407802	DC
44	1998	95	0.98658	2E+09	429102	5408830	DC
45	1998	96	0.98251	2E+09	429431	5408490	DC
46	1998	98	0.97463	2E+09	429872	5408132	DC
47	1998	99	0.97302	2E+09	429272	5408732	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PORT2 \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	9	1.67449	2E+09	428808	5412548	DC	Discarded	2.60398
1	1997	41	1.18526	2E+09	429093	5408498	DC	Discarded	
1	1998	3	2.24753	2E+09	428808	5412548	DC	Discarded	
1	1999	1	2.60398	2E+09	427720	5407741	DC	Discarded	
1	2000	5	2.00938	2E+09	426068	5407740	DC	Discarded	
2	1996	12	1.58053	2E+09	428808	5412548	DC		
2	1997	60	1.10259	2E+09	429093	5408498	DC		
2	1998	6	1.93182	2E+09	429102	5408830	DC	Highest	
2	1999	2	2.5311	2E+09	427700	5407741	DC	Discarded	
2	2000	10	1.66092	2E+09	426068	5407740	DC		
3	1996	19	1.41456	2E+09	429093	5408498	DC		
3	1997	75	1.04237	2E+09	429102	5408830	DC		
3	1998	7	1.89859	2E+09	429102	5408830	DC		
3	1999	4	2.15452	2E+09	427718	5407601	DC	Discarded	
3	2000	14	1.54192	2E+09	430381	5410114	DC		
4	1996	22	1.3803	2E+09	428808	5412548	DC		
4	1997	79	1.0278	2E+09	429272	5408532	DC		
4	1998	8	1.75667	2E+09	429272	5408732	DC		
4	1999	20	1.40987	2E+09	428808	5412548	DC		
4	2000	16	1.49973	2E+09	426917	5407750	DC		
5	1996	24	1.344	2E+09	429272	5408532	DC		
5	1998	11	1.64291	2E+09	424499	5408579	DC		
5	1999	26	1.3314	2E+09	428809	5413327	DC		
5	2000	17	1.4537	2E+09	424499	5408579	DC		
6	1996	29	1.2605	2E+09	430381	5410114	DC		
6	1998	13	1.5609	2E+09	429272	5408532	DC		
6	1999	49	1.14668	2E+09	428808	5412548	DC		
6	2000	25	1.33659	2E+09	429102	5408830	DC		
7	1996	31	1.24587	2E+09	424461	5407786	DC		
7	1998	15	1.51392	2E+09	429272	5408732	DC		
7	1999	63	1.0907	2E+09	426917	5407750	DC		
7	2000	43	1.18289	2E+09	429093	5408498	DC		
8	1996	32	1.23989	2E+09	429614	5413326	DC		
8	1998	18	1.4516	2E+09	429414	5408504	DC		
8	1999	69	1.05944	2E+09	427720	5407741	DC		
8	2000	48	1.15517	2E+09	424461	5407786	DC		
9	1996	33	1.239	2E+09	429472	5408332	DC		
9	1998	21	1.40131	2E+09	428808	5412548	DC		
9	1999	70	1.05633	2E+09	426917	5407750	DC		
9	2000	52	1.1301	2E+09	429272	5408732	DC		
10	1996	34	1.23785	2E+09	429414	5408504	DC		
10	1998	23	1.37482	2E+09	429431	5408490	DC		
10	1999	78	1.0312	2E+09	427700	5407741	DC		
10	2000	54	1.12017	2E+09	428809	5413327	DC		
11	1996	35	1.23312	2E+09	429431	5408490	DC		
11	1998	27	1.31018	2E+09	429614	5413326	DC		
11	1999	82	1.01707	2E+09	428809	5413327	DC		
11	2000	71	1.05393	2E+09	425276	5407752	DC		
12	1996	40	1.20329	2E+09	427700	5407741	DC		



\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PORT2 \*\*\*

12	1998	28	1.27917	2E+09	426068	5407740	DC
12	1999	87	1.00719	2E+09	429614	5413326	DC
12	2000	72	1.04988	2E+09	428809	5413327	DC
13	1996	42	1.18474	2E+09	427720	5407741	DC
13	1998	30	1.25956	2E+09	429102	5408830	DC
13	1999	89	1.00106	2E+09	425276	5407752	DC
13	2000	100	0.96986	2E+09	429422	5407591	DC
14	1996	45	1.17321	2E+09	427718	5407601	DC
14	1998	36	1.23305	2E+09	428808	5412548	DC
14	1999	90	0.99287	2E+09	429102	5408830	DC
15	1996	47	1.15769	2E+09	429102	5408830	DC
15	1998	37	1.20917	2E+09	429672	5408332	DC
15	1999	94	0.98791	2E+09	425245	5406949	DC
16	1996	55	1.11643	2E+09	429672	5408332	DC
16	1998	38	1.20849	2E+09	429425	5408830	DC
16	1999	97	0.98013	2E+09	429425	5408830	DC
17	1996	61	1.10088	2E+09	429272	5408732	DC
17	1998	39	1.20443	2E+09	429093	5408498	DC
18	1996	62	1.09168	2E+09	429472	5408132	DC
18	1998	44	1.18184	2E+09	426068	5407740	DC
19	1996	66	1.07373	2E+09	429672	5408132	DC
19	1998	46	1.16011	2E+09	429872	5408332	DC
20	1996	92	0.98907	2E+09	429872	5408132	DC
20	1998	50	1.13618	2E+09	428817	5414150	DC
21	1998	51	1.13466	2E+09	429472	5408332	DC
22	1998	53	1.12494	2E+09	426068	5407740	DC
23	1998	56	1.11487	2E+09	429272	5408532	DC
24	1998	57	1.11317	2E+09	429102	5408830	DC
25	1998	58	1.11237	2E+09	429272	5408732	DC
26	1998	59	1.109	2E+09	429102	5408830	DC
27	1998	64	1.08463	2E+09	424499	5408579	DC
28	1998	65	1.07794	2E+09	429093	5408498	DC
29	1998	67	1.07245	2E+09	429425	5408830	DC
30	1998	68	1.06657	2E+09	424461	5407786	DC
31	1998	73	1.04489	2E+09	430072	5408332	DC
32	1998	74	1.04291	2E+09	429272	5408732	DC
33	1998	76	1.03693	2E+09	429272	5408732	DC
34	1998	77	1.03299	2E+09	424792	5414601	DC
35	1998	80	1.02414	2E+09	429102	5408830	DC
36	1998	81	1.02394	2E+09	428808	5412548	DC
37	1998	83	1.01646	2E+09	429414	5408504	DC
38	1998	84	1.0163	2E+09	423272	5407932	DC
39	1998	85	1.00924	2E+09	424461	5407786	DC
40	1998	86	1.0079	2E+09	426917	5407750	DC
41	1998	88	1.00389	2E+09	430072	5408132	DC
42	1998	91	0.98925	2E+09	428809	5413327	DC
43	1998	93	0.98818	2E+09	422806	5407802	DC
44	1998	95	0.98658	2E+09	429102	5408830	DC
45	1998	96	0.98251	2E+09	429431	5408490	DC
46	1998	98	0.97463	2E+09	429872	5408132	DC
47	1998	99	0.97302	2E+09	429272	5408732	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TMA \*\*\*

RANK BY ' YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1 1997	1	6.61158	2E+09	420767	5413450	DC	Discarded	6.61158
1 1999	2	6.31371	2E+09	422377	5414238	DC	Discarded	
2 1997	4	6.19785	2E+09	420728	5413493	DC	Discarded	
2 1999	3	6.24944	2E+09	422358	5414243	DC	Discarded	
3 1997	5	6.19255	2E+09	420767	5413450	DC	Highest	
3 1999	6	6.14141	2E+09	422338	5414243	DC	Discarded	
4 1997	14	5.9958	2E+09	420678	5413493	DC		
4 1999	7	6.11572	2E+09	422358	5414263	DC	Discarded	
5 1997	16	5.95526	2E+09	420728	5413543	DC		
5 1999	8	6.10764	2E+09	422318	5414243	DC	Discarded	
6 1997	25	5.84444	2E+09	420628	5413493	DC		
6 1999	9	6.06917	2E+09	422298	5414243	DC	Discarded	
7 1997	31	5.81515	2E+09	420728	5413493	DC		
7 1999	10	6.06383	2E+09	422338	5414263	DC	Discarded	
8 1997	35	5.76511	2E+09	420678	5413543	DC		
8 1999	11	6.03587	2E+09	422278	5414243	DC	Discarded	
9 1997	39	5.71136	2E+09	420728	5413593	DC		
9 1999	12	6.03211	2E+09	422318	5414263	DC	Discarded	
10 1997	40	5.7103	2E+09	420578	5413493	DC		
10 1999	13	6.022	2E+09	422358	5414283	DC	Discarded	
11 1997	52	5.62738	2E+09	420628	5413543	DC		
11 1999	15	5.98912	2E+09	422338	5414283	DC	Discarded	
12 1997	54	5.62259	2E+09	420678	5413493	DC		
12 1999	17	5.94757	2E+09	422298	5414263	DC	Discarded	
13 1997	59	5.58978	2E+09	420528	5413493	DC		
13 1999	18	5.94539	2E+09	422358	5414303	DC	Discarded	
14 1997	60	5.57801	2E+09	420730	5413623	DC		
14 1999	19	5.93424	2E+09	422318	5414283	DC	Discarded	
15 1997	67	5.53046	2E+09	420678	5413593	DC		
15 1999	20	5.92767	2E+09	422258	5414243	DC	Discarded	
16 1997	68	5.52886	2E+09	420728	5413543	DC		
16 1999	21	5.91083	2E+09	422338	5414303	DC	Discarded	
17 1997	73	5.49115	2E+09	420578	5413543	DC		
17 1999	22	5.89419	2E+09	422278	5414263	DC	Discarded	
18 1997	77	5.4633	2E+09	420478	5413493	DC		
18 1999	23	5.8731	2E+09	422358	5414323	DC	Discarded	
19 1997	80	5.45761	2E+09	420728	5413643	DC		
19 1999	24	5.8563	2E+09	422298	5414283	DC	Discarded	
20 1997	82	5.44224	2E+09	420628	5413493	DC		
20 1999	26	5.84061	2E+09	422238	5414243	DC	Discarded	
21 1997	89	5.39903	2E+09	420628	5413593	DC		
21 1999	27	5.83801	2E+09	422258	5414263	DC	Discarded	
22 1997	93	5.36424	2E+09	420428	5413493	DC		
22 1999	28	5.83763	2E+09	422338	5414323	DC	Discarded	
23 1997	97	5.35578	2E+09	420528	5413543	DC		
23 1999	29	5.82641	2E+09	422318	5414303	DC	Discarded	
24 1997	99	5.33293	2E+09	420678	5413543	DC		

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TMA \*\*\*

24	1999	30	5.82404	2E+09	422278	5414283	DC	Discarded
25	1999	32	5.80248	2E+09	422358	5414343	DC	Discarded
26	1999	33	5.78647	2E+09	422298	5414303	DC	Discarded
27	1999	34	5.76752	2E+09	422338	5414343	DC	Discarded
28	1999	36	5.7471	2E+09	422318	5414323	DC	Discarded
29	1999	37	5.73338	2E+09	422358	5414363	DC	Discarded
30	1999	38	5.72439	2E+09	422258	5414283	DC	Discarded
31	1999	41	5.70423	2E+09	422278	5414303	DC	Discarded
32	1999	42	5.69887	2E+09	422338	5414363	DC	Discarded
33	1999	43	5.69473	2E+09	422238	5414263	DC	Discarded
34	1999	44	5.6912	2E+09	422218	5414243	DC	Discarded
35	1999	45	5.6901	2E+09	422298	5414323	DC	Discarded
36	1999	46	5.68251	2E+09	422318	5414343	DC	Discarded
37	1999	47	5.66565	2E+09	422358	5414383	DC	Discarded
38	1999	48	5.63286	2E+09	422258	5414303	DC	Discarded
39	1999	49	5.63155	2E+09	422338	5414383	DC	Discarded
40	1999	50	5.63068	2E+09	422198	5414243	DC	Discarded
41	1999	51	5.62959	2E+09	422238	5414283	DC	Discarded
42	1999	53	5.62656	2E+09	422218	5414263	DC	Discarded
43	1999	55	5.61892	2E+09	422318	5414363	DC	Discarded
44	1999	56	5.61514	2E+09	422278	5414323	DC	Discarded
45	1999	57	5.60067	2E+09	422298	5414343	DC	Discarded
46	1999	58	5.5992	2E+09	422358	5414403	DC	Discarded
47	1999	61	5.56373	2E+09	422338	5414403	DC	Discarded
48	1999	62	5.55631	2E+09	422318	5414383	DC	Discarded
49	1999	63	5.55299	2E+09	422278	5414343	DC	Discarded
50	1999	64	5.53906	2E+09	422298	5414363	DC	Discarded
51	1999	65	5.53396	2E+09	422358	5414423	DC	Discarded
52	1999	66	5.53372	2E+09	422258	5414323	DC	Discarded
53	1999	69	5.50861	2E+09	422238	5414303	DC	Discarded
54	1999	70	5.49534	2E+09	422218	5414283	DC	Discarded
55	1999	71	5.49463	2E+09	422318	5414403	DC	Discarded
56	1999	72	5.49333	2E+09	422278	5414363	DC	Discarded
57	1999	74	5.48145	2E+09	422198	5414263	DC	Discarded
58	1999	75	5.4783	2E+09	422298	5414383	DC	Discarded
59	1999	76	5.46986	2E+09	422358	5414443	DC	Discarded
60	1999	78	5.46192	2E+09	422178	5414243	DC	Discarded
61	1999	79	5.45877	2E+09	422338	5414423	DC	Discarded
62	1999	81	5.44767	2E+09	422330	5414423	DC	Discarded
63	1999	83	5.43825	2E+09	422258	5414343	DC	Discarded
64	1999	84	5.4344	2E+09	422278	5414383	DC	Discarded
65	1999	85	5.43387	2E+09	422318	5414423	DC	Discarded
66	1999	86	5.42098	2E+09	422238	5414323	DC	Discarded
67	1999	87	5.41908	2E+09	422298	5414403	DC	Discarded
68	1999	88	5.41867	2E+09	422218	5414303	DC	Discarded
69	1999	90	5.39296	2E+09	422338	5414443	DC	Discarded
70	1999	91	5.37693	2E+09	422278	5414403	DC	Discarded
71	1999	92	5.37403	2E+09	422318	5414443	DC	Discarded
72	1999	94	5.36257	2E+09	422258	5414363	DC	Discarded
73	1999	95	5.35996	2E+09	422298	5414423	DC	Discarded
74	1999	96	5.35645	2E+09	422238	5414343	DC	Discarded
75	1999	98	5.35501	2E+09	422198	5414283	DC	Discarded
76	1999	100	5.31944	2E+09	422278	5414423	DC	Discarded

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNL\_NPAG \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	6	11.6573	2E+09	422928	5408593	DC	Discarded	14.1005
1	1997	62	9.08833	2E+09	423418	5408569	DC	Discarded	
1	1998	2	13.2413	2E+09	423611	5408569	DC	Discarded	
1	1999	7	11.6194	2E+09	423328	5408593	DC	Discarded	
1	2000	1	14.1005	2E+09	422928	5408593	DC	Discarded	
2	1996	39	9.78558	2E+09	423128	5408593	DC	Discarded	
2	1997	69	9.04717	2E+09	423328	5408593	DC		
2	1998	4	11.8282	2E+09	423707	5408569	DC	Discarded	
2	1999	8	11.3895	2E+09	423322	5408569	DC	Discarded	
2	2000	3	12.0176	2E+09	423515	5408569	DC	Highest	
3	1996	43	9.69139	2E+09	422930	5408423	DC	Discarded	
3	1997	75	8.96676	2E+09	423322	5408569	DC		
3	1998	5	11.6804	2E+09	423611	5408471	DC	Discarded	
3	1999	17	10.8177	2E+09	423803	5408569	DC		
3	2000	9	11.2748	2E+09	422930	5408423	DC		
4	1996	52	9.37934	2E+09	422928	5408393	DC	Discarded	
4	1997	83	8.72737	2E+09	423899	5408569	DC		
4	1998	10	11.2113	2E+09	423707	5408471	DC	Discarded	
4	1999	26	10.2369	2E+09	423322	5408471	DC		
4	2000	11	11.1473	2E+09	422928	5408593	DC		
5	1996	56	9.2899	2E+09	423130	5408569	DC	Discarded	
5	1998	13	11.0497	2E+09	423515	5408569	DC	Discarded	
5	1999	32	10.0453	2E+09	423803	5408471	DC		
5	2000	12	11.0499	2E+09	423611	5408569	DC		
6	1996	61	9.10122	2E+09	423226	5408569	DC		
6	1998	15	10.8686	2E+09	422528	5408593	DC		
6	1999	37	9.87891	2E+09	423707	5408569	DC		
6	2000	14	10.9011	2E+09	423128	5408593	DC		
7	1996	96	8.60096	2E+09	422528	5408593	DC		
7	1998	19	10.6393	2E+09	423803	5408569	DC		
7	1999	44	9.67996	2E+09	424380	5408573	DC		
7	2000	16	10.8281	2E+09	422928	5408393	DC		
8	1998	21	10.4563	2E+09	423707	5408372	DC		
8	1999	46	9.60024	2E+09	424430	5408573	DC		
8	2000	18	10.798	2E+09	423611	5408471	DC		
9	1998	22	10.3862	2E+09	423728	5408393	DC		
9	1999	48	9.54673	2E+09	423226	5408569	DC		
9	2000	20	10.458	2E+09	423130	5408569	DC		
10	1998	25	10.2587	2E+09	423899	5408569	DC		
10	1999	50	9.48009	2E+09	424284	5408569	DC		
10	2000	23	10.3785	2E+09	423226	5408569	DC		
11	1998	27	10.2236	2E+09	423611	5408372	DC		
11	1999	51	9.40675	2E+09	423328	5408393	DC		
11	2000	24	10.3013	2E+09	422728	5408593	DC		
12	1998	33	9.9762	2E+09	422328	5408593	DC		
12	1999	53	9.35097	2E+09	424480	5408573	DC		
12	2000	28	10.1998	2E+09	422728	5408593	DC		
13	1998	36	9.88881	2E+09	422330	5408423	DC		
13	1999	59	9.24268	2E+09	423322	5408372	DC		

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNL\_NPAG \*\*\*

13	2000	29	10.1671	2E+09	423611	5408372	DC
14	1998	40	9.75359	2E+09	423899	5408471	DC
14	1999	60	9.21715	2E+09	424499	5408579	DC
14	2000	30	10.1655	2E+09	423515	5408471	DC
15	1998	47	9.56857	2E+09	423707	5408273	DC
15	1999	64	9.08122	2E+09	424430	5408523	DC
15	2000	31	10.0634	2E+09	422730	5408423	DC
16	1998	49	9.48974	2E+09	422328	5408393	DC
16	1999	65	9.06602	2E+09	423418	5408569	DC
16	2000	34	9.94661	2E+09	423128	5408593	DC
17	1998	55	9.31166	2E+09	422928	5408593	DC
17	1999	67	9.05811	2E+09	424380	5408523	DC
17	2000	35	9.94592	2E+09	422730	5408423	DC
18	1998	66	9.05814	2E+09	423803	5408471	DC
18	1999	71	9.017	2E+09	424480	5408523	DC
18	2000	38	9.87423	2E+09	422728	5408393	DC
19	1998	70	9.02427	2E+09	423928	5408393	DC
19	1999	76	8.93511	2E+09	422528	5408593	DC
19	2000	41	9.74101	2E+09	422728	5408393	DC
20	1998	72	9.01105	2E+09	423803	5408372	DC
20	1999	85	8.72031	2E+09	423899	5408372	DC
20	2000	42	9.721	2E+09	423130	5408569	DC
21	1998	74	8.97274	2E+09	423515	5408471	DC
21	1999	87	8.69598	2E+09	423226	5408471	DC
21	2000	45	9.60208	2E+09	422928	5408593	DC
22	1998	77	8.91229	2E+09	422328	5408593	DC
22	1999	91	8.64442	2E+09	424188	5408569	DC
22	2000	54	9.3131	2E+09	423528	5408393	DC
23	1998	78	8.90242	2E+09	423803	5408569	DC
23	1999	93	8.61549	2E+09	423803	5408372	DC
23	2000	57	9.28538	2E+09	423611	5408273	DC
24	1998	79	8.86391	2E+09	423611	5408273	DC
24	2000	58	9.27909	2E+09	423226	5408471	DC
25	1998	81	8.80584	2E+09	423728	5408193	DC
25	2000	63	9.08748	2E+09	422528	5408593	DC
26	1998	88	8.68631	2E+09	423722	5408177	DC
26	2000	68	9.0485	2E+09	422928	5408593	DC
27	1998	89	8.68144	2E+09	423899	5408372	DC
27	2000	73	9.0066	2E+09	423130	5408471	DC
28	1998	90	8.66246	2E+09	423803	5408273	DC
28	2000	80	8.84543	2E+09	423128	5408593	DC
29	1998	94	8.60687	2E+09	422528	5408593	DC
29	2000	82	8.73629	2E+09	422728	5408593	DC
30	1998	95	8.60538	2E+09	422528	5408593	DC
30	2000	84	8.72323	2E+09	423130	5408471	DC
31	1998	97	8.56088	2E+09	423803	5408471	DC
31	2000	86	8.70735	2E+09	423322	5408569	DC
32	2000	92	8.62606	2E+09	423328	5408593	DC
33	2000	98	8.55235	2E+09	422930	5408223	DC
34	2000	99	8.5493	2E+09	422730	5408423	DC
35	2000	100	8.54395	2E+09	423130	5408569	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNL\_OB \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	1	5.09516	2E+09	427130	5414223	DC	Discarded	5.09516
1	1997	7	4.7391	2E+09	425728	5414193	DC	Discarded	
1	1998	27	4.06487	2E+09	423226	5408569	DC	Discarded	
1	1999	51	3.77247	2E+09	426528	5414193	DC	Discarded	
1	2000	11	4.44744	2E+09	426330	5414223	DC	Discarded	
2	1996	2	5.03084	2E+09	427128	5414193	DC	Discarded	
2	1997	8	4.71105	2E+09	425730	5414223	DC	Discarded	
2	1998	29	4.02519	2E+09	423130	5408569	DC	Discarded	
2	1999	60	3.7447	2E+09	426530	5414223	DC	Discarded	
2	2000	13	4.41961	2E+09	426328	5414193	DC	Discarded	
3	1996	3	4.96818	2E+09	426928	5414193	DC	Discarded	
3	1997	9	4.53083	2E+09	425530	5414223	DC	Highest	
3	1998	30	4.0244	2E+09	423128	5408593	DC	Discarded	
3	1999	80	3.64338	2E+09	422158	5414243	DC		
3	2000	15	4.31022	2E+09	424188	5408569	DC		
4	1996	4	4.88998	2E+09	427128	5414393	DC	Discarded	
4	1997	12	4.43815	2E+09	425728	5414393	DC		
4	1998	38	3.8688	2E+09	423130	5408471	DC	Discarded	
4	1999	81	3.63933	2E+09	422138	5414243	DC		
4	2000	16	4.30577	2E+09	426328	5414393	DC		
5	1996	5	4.77144	2E+09	427130	5414423	DC	Discarded	
5	1997	14	4.37094	2E+09	425730	5414423	DC		
5	1998	41	3.82563	2E+09	423328	5408593	DC	Discarded	
5	1999	85	3.62065	2E+09	422138	5414263	DC		
5	2000	18	4.22769	2E+09	424284	5408569	DC		
6	1996	6	4.7675	2E+09	426930	5414223	DC	Discarded	
6	1997	22	4.13633	2E+09	425528	5414393	DC		
6	1998	67	3.72257	2E+09	423322	5408569	DC	Discarded	
6	1999	86	3.61696	2E+09	422178	5414243	DC		
6	2000	19	4.22269	2E+09	426330	5414423	DC		
7	1996	10	4.48438	2E+09	427330	5414623	DC	Discarded	
7	1997	25	4.06939	2E+09	425530	5414423	DC		
7	1998	76	3.65144	2E+09	423226	5408471	DC	Discarded	
7	1999	90	3.60756	2E+09	422118	5414263	DC		
7	2000	23	4.11205	2E+09	423995	5408569	DC		
8	1996	17	4.24143	2E+09	425928	5414193	DC	Discarded	
8	1997	40	3.84042	2E+09	425728	5414593	DC		
8	1998	77	3.64824	2E+09	426128	5414193	DC		
8	1999	92	3.60543	2E+09	422118	5414243	DC		
8	2000	24	4.07872	2E+09	424092	5408569	DC		
9	1996	20	4.20318	2E+09	427330	5414423	DC	Discarded	
9	1997	59	3.7526	2E+09	425730	5414623	DC		
9	1998	82	3.63374	2E+09	423128	5408393	DC		
9	1999	93	3.60484	2E+09	422158	5414263	DC		
9	2000	26	4.0657	2E+09	424188	5408471	DC		
10	1996	21	4.19759	2E+09	425930	5414223	DC	Discarded	
10	1997	98	3.59235	2E+09	424930	5414223	DC		
10	1998	91	3.60652	2E+09	426130	5414223	DC		
10	1999	99	3.59225	2E+09	422118	5414283	DC		

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNL\_OB \*\*\*

10	2000	28	4.04348	2E+09	423995	5408569	DC	
11	1996	31	4.01752	2E+09	427530	5414823	DC	Discarded
11	2000	32	4.00651	2E+09	425530	5414223	DC	
12	1996	42	3.82367	2E+09	424430	5408573	DC	
12	2000	33	3.98804	2E+09	424092	5408569	DC	
13	1996	44	3.79942	2E+09	427330	5414823	DC	
13	2000	34	3.94809	2E+09	424092	5408471	DC	
14	1996	45	3.79418	2E+09	427128	5414593	DC	
14	2000	35	3.92083	2E+09	424380	5408573	DC	
15	1996	48	3.78465	2E+09	424480	5408573	DC	
15	2000	36	3.90599	2E+09	424284	5408471	DC	
16	1996	53	3.76095	2E+09	424380	5408573	DC	
16	2000	37	3.90005	2E+09	423995	5408471	DC	
17	1996	56	3.75571	2E+09	424499	5408579	DC	
17	2000	39	3.86878	2E+09	424128	5408393	DC	
18	1996	57	3.75313	2E+09	427530	5415023	DC	
18	2000	43	3.8097	2E+09	424188	5408372	DC	
19	1996	68	3.70934	2E+09	424430	5408523	DC	
19	2000	46	3.79361	2E+09	425330	5414223	DC	
20	1996	69	3.69509	2E+09	425928	5414393	DC	
20	2000	47	3.7912	2E+09	423899	5408569	DC	
21	1996	74	3.66331	2E+09	424380	5408523	DC	
21	2000	49	3.78387	2E+09	424092	5408372	DC	
22	1996	75	3.65275	2E+09	424480	5408523	DC	
22	2000	50	3.78213	2E+09	423995	5408471	DC	
23	1996	87	3.61159	2E+09	427130	5414623	DC	
23	2000	52	3.76587	2E+09	423899	5408569	DC	
24	1996	96	3.59627	2E+09	424430	5408473	DC	
24	2000	54	3.76033	2E+09	423899	5408471	DC	
25	2000	55	3.7595	2E+09	426128	5414193	DC	
26	2000	58	3.75313	2E+09	424380	5408523	DC	
27	2000	61	3.73941	2E+09	423899	5408471	DC	
28	2000	62	3.73456	2E+09	423928	5408393	DC	
29	2000	63	3.73184	2E+09	424092	5408569	DC	
30	2000	64	3.73127	2E+09	425528	5414393	DC	
31	2000	65	3.73039	2E+09	424430	5408573	DC	
32	2000	66	3.72334	2E+09	426528	5414793	DC	
33	2000	70	3.68708	2E+09	426530	5414823	DC	
34	2000	71	3.68574	2E+09	425530	5414423	DC	
35	2000	72	3.67536	2E+09	423928	5408393	DC	
36	2000	73	3.66561	2E+09	423899	5408372	DC	
37	2000	78	3.64679	2E+09	424092	5408471	DC	
38	2000	79	3.64652	2E+09	423995	5408372	DC	
39	2000	83	3.6337	2E+09	425128	5414393	DC	
40	2000	84	3.62714	2E+09	423899	5408372	DC	
41	2000	88	3.60999	2E+09	424284	5408372	DC	
42	2000	89	3.60947	2E+09	424092	5408273	DC	
43	2000	94	3.59953	2E+09	425130	5414223	DC	
44	2000	95	3.59631	2E+09	423995	5408569	DC	
45	2000	97	3.5936	2E+09	424380	5408473	DC	
46	2000	100	3.58873	2E+09	425130	5414423	DC	

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNL\_PAG \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	7	9.54985	2E+09	429102	5408830	DC	Discarded	12.3517
1	1997	3	10.931	2E+09	429330	5408823	DC	Discarded	
1	1998	4	10.8174	2E+09	429093	5408498	DC	Discarded	
1	1999	1	12.3517	2E+09	429425	5408830	DC	Discarded	
1	2000	10	9.1073	2E+09	430530	5409623	DC	Discarded	
2	1996	8	9.43793	2E+09	429130	5408823	DC	Discarded	
2	1997	9	9.26764	2E+09	429130	5408823	DC		
2	1998	5	9.88941	2E+09	429130	5408823	DC	Highest	
2	1999	2	11.4407	2E+09	429330	5408823	DC	Discarded	
2	2000	14	8.88627	2E+09	429102	5408830	DC		
3	1996	11	9.01302	2E+09	429130	5408823	DC		
3	1997	13	8.95778	2E+09	429130	5408623	DC		
3	1998	6	9.56868	2E+09	429102	5408830	DC		
3	1999	12	8.99812	2E+09	429093	5408498	DC		
3	2000	17	8.73303	2E+09	429102	5408830	DC		
4	1996	15	8.79237	2E+09	429102	5408830	DC		
4	1997	16	8.73631	2E+09	429102	5408830	DC		
4	1998	27	8.16012	2E+09	429425	5408830	DC		
4	1999	24	8.3283	2E+09	429330	5408623	DC		
4	2000	20	8.50812	2E+09	429130	5408823	DC		
5	1996	32	7.86335	2E+09	429128	5408693	DC		
5	1997	18	8.59955	2E+09	429130	5408823	DC		
5	1998	29	8.01559	2E+09	429130	5408623	DC		
5	1999	43	7.63556	2E+09	429130	5408823	DC		
5	2000	21	8.50666	2E+09	429130	5408623	DC		
6	1996	38	7.72111	2E+09	429330	5408823	DC		
6	1997	19	8.51793	2E+09	429425	5408830	DC		
6	1998	30	7.98688	2E+09	429330	5408823	DC		
6	1999	47	7.34997	2E+09	429093	5408498	DC		
6	2000	25	8.27766	2E+09	429128	5408693	DC		
7	1996	49	7.3165	2E+09	429330	5408823	DC		
7	1997	22	8.50502	2E+09	429128	5408693	DC		
7	1998	41	7.63826	2E+09	429330	5408623	DC		
7	1999	56	7.09105	2E+09	429093	5408498	DC		
7	2000	26	8.26895	2E+09	429330	5408823	DC		
8	1996	52	7.19847	2E+09	429330	5408623	DC		
8	1997	23	8.37007	2E+09	429102	5408830	DC		
8	1998	50	7.27596	2E+09	429093	5408498	DC		
8	1999	59	7.02186	2E+09	429414	5408504	DC		
8	2000	28	8.11612	2E+09	429425	5408830	DC		
9	1996	71	6.8353	2E+09	429330	5408823	DC		
9	1997	31	7.94715	2E+09	429330	5408623	DC		
9	1998	62	6.98735	2E+09	429330	5408823	DC		
9	1999	60	7.00386	2E+09	429431	5408490	DC		
9	2000	35	7.79212	2E+09	429128	5408693	DC		
10	1996	73	6.81891	2E+09	429130	5408623	DC		
10	1997	33	7.82657	2E+09	429130	5408823	DC		
10	1998	64	6.94722	2E+09	429130	5408823	DC		
10	1999	61	6.99991	2E+09	429102	5408830	DC		



\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNL\_PAG \*\*\*

10	2000	36	7.78765	2E+09	429425	5408830	DC
11	1996	77	6.77259	2E+09	430130	5412623	DC
11	1997	34	7.82655	2E+09	429093	5408498	DC
11	1998	66	6.93473	2E+09	429102	5408830	DC
11	1999	63	6.96007	2E+09	429130	5408823	DC
11	2000	37	7.74086	2E+09	430730	5409623	DC
12	1996	81	6.67034	2E+09	429130	5408823	DC
12	1997	45	7.52317	2E+09	429102	5408830	DC
12	1998	69	6.90123	2E+09	429128	5408693	DC
12	1999	72	6.82134	2E+09	429530	5408423	DC
12	2000	39	7.66922	2E+09	430795	5409527	DC
13	1996	83	6.61634	2E+09	429330	5408823	DC
13	1997	48	7.32881	2E+09	429330	5408623	DC
13	1998	79	6.77065	2E+09	429330	5408823	DC
13	1999	78	6.77254	2E+09	429730	5408423	DC
13	2000	40	7.65032	2E+09	429093	5408498	DC
14	1996	85	6.58187	2E+09	429130	5408823	DC
14	1997	57	7.03593	2E+09	429130	5408823	DC
14	1998	88	6.54719	2E+09	429414	5408504	DC
14	1999	82	6.62287	2E+09	429102	5408830	DC
14	2000	42	7.6377	2E+09	430530	5409823	DC
15	1996	87	6.55331	2E+09	429330	5408623	DC
15	1997	58	7.02501	2E+09	429130	5408823	DC
15	1999	86	6.5742	2E+09	429930	5408423	DC
15	2000	44	7.52911	2E+09	429130	5408823	DC
16	1996	98	6.3975	2E+09	429102	5408830	DC
16	1997	68	6.92126	2E+09	429102	5408830	DC
16	1999	100	6.38622	2E+09	429130	5408823	DC
16	2000	46	7.52057	2E+09	429128	5408693	DC
17	1997	70	6.87144	2E+09	429102	5408830	DC
17	2000	51	7.24906	2E+09	429102	5408830	DC
18	1997	75	6.79627	2E+09	429102	5408830	DC
18	2000	53	7.18928	2E+09	429130	5408623	DC
19	1997	76	6.79114	2E+09	429102	5408830	DC
19	2000	54	7.18652	2E+09	429093	5408498	DC
20	1997	80	6.7377	2E+09	429128	5408693	DC
20	2000	55	7.12771	2E+09	429330	5408823	DC
21	1997	84	6.59695	2E+09	429425	5408830	DC
21	2000	65	6.9398	2E+09	429330	5408823	DC
22	1997	89	6.53949	2E+09	429128	5408693	DC
22	2000	67	6.93459	2E+09	429130	5408823	DC
23	1997	90	6.53394	2E+09	429102	5408830	DC
23	2000	74	6.81866	2E+09	429130	5408623	DC
24	1997	91	6.48488	2E+09	429130	5408823	DC
24	2000	94	6.44251	2E+09	430730	5409823	DC
25	1997	92	6.45255	2E+09	429330	5408623	DC
26	1997	93	6.44318	2E+09	429414	5408504	DC
27	1997	95	6.42408	2E+09	429102	5408830	DC
28	1997	96	6.42373	2E+09	429128	5408693	DC
29	1997	97	6.41378	2E+09	429431	5408490	DC
30	1997	99	6.39365	2E+09	429130	5408823	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: WMRS \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	12	8.58785	2E+09	423128	5408593	DC	Discarded	9.82301
1	1998	3	9.22626	2E+09	423899	5408569	DC	Discarded	
1	1999	8	8.80054	2E+09	423515	5408569	DC	Discarded	
1	2000	1	9.82301	2E+09	423128	5408593	DC	Discarded	
2	1996	15	8.37405	2E+09	423130	5408569	DC	Discarded	
2	1998	4	9.04672	2E+09	423803	5408569	DC	Discarded	
2	1999	13	8.55017	2E+09	423611	5408569	DC	Discarded	
2	2000	2	9.60255	2E+09	423130	5408569	DC	Discarded	
3	1996	17	8.3629	2E+09	422928	5408593	DC	Discarded	
3	1998	7	8.82726	2E+09	423995	5408569	DC	Discarded	
3	1999	18	8.3398	2E+09	423418	5408569	DC	Discarded	
3	2000	5	8.94865	2E+09	422928	5408593	DC	Discarded	
4	1996	47	7.55134	2E+09	423130	5408471	DC	Discarded	
4	1998	11	8.61508	2E+09	423899	5408471	DC	Discarded	
4	1999	21	8.25358	2E+09	423515	5408471	DC	Discarded	
4	2000	6	8.8553	2E+09	422928	5408593	DC	Highest	
5	1996	50	7.49436	2E+09	422930	5408423	DC	Discarded	
5	1998	16	8.3674	2E+09	423995	5408471	DC	Discarded	
5	1999	31	8.01023	2E+09	423611	5408471	DC	Discarded	
5	2000	9	8.77632	2E+09	423226	5408569	DC		
6	1996	58	7.43267	2E+09	423226	5408569	DC	Discarded	
6	1998	19	8.31523	2E+09	423803	5408471	DC	Discarded	
6	1999	36	7.87573	2E+09	423528	5408393	DC	Discarded	
6	2000	10	8.7163	2E+09	423130	5408471	DC		
7	1996	59	7.39355	2E+09	422528	5408593	DC		
7	1998	22	8.24895	2E+09	423707	5408569	DC	Discarded	
7	1999	38	7.79838	2E+09	423418	5408471	DC	Discarded	
7	2000	14	8.37544	2E+09	423128	5408593	DC		
8	1996	63	7.32698	2E+09	422928	5408393	DC		
8	1998	23	8.19011	2E+09	423928	5408393	DC	Discarded	
8	1999	39	7.76046	2E+09	423515	5408372	DC	Discarded	
8	2000	20	8.26609	2E+09	422928	5408593	DC		
9	1996	89	6.98206	2E+09	423128	5408393	DC		
9	1998	28	8.07894	2E+09	423899	5408372	DC	Discarded	
9	1999	44	7.60756	2E+09	423707	5408569	DC	Discarded	
9	2000	24	8.182	2E+09	422930	5408423	DC		
10	1998	29	8.05435	2E+09	424092	5408569	DC	Discarded	
10	1999	46	7.55659	2E+09	423611	5408372	DC	Discarded	
10	2000	25	8.18123	2E+09	423128	5408593	DC		
11	1998	35	7.8892	2E+09	423995	5408372	DC	Discarded	
11	1999	51	7.48758	2E+09	423995	5408569	DC		
11	2000	26	8.13319	2E+09	423130	5408569	DC		
12	1998	40	7.75594	2E+09	422528	5408593	DC		
12	1999	56	7.44417	2E+09	423328	5408593	DC		
12	2000	27	8.08632	2E+09	423128	5408393	DC		
13	1998	42	7.69779	2E+09	424092	5408471	DC		
13	1999	62	7.33739	2E+09	423899	5408569	DC		
13	2000	30	8.01826	2E+09	422928	5408393	DC		
14	1998	43	7.69079	2E+09	423803	5408372	DC		
14	1999	65	7.32232	2E+09	423515	5408273	DC		
14	2000	32	7.97035	2E+09	422728	5408593	DC		
15	1998	45	7.57187	2E+09	424188	5408569	DC		
15	1999	66	7.3211	2E+09	423418	5408372	DC		

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: WMRS \*\*\*

15	2000	33	7.95266	2E+09	423130	5408569	DC
16	1998	52	7.48639	2E+09	423899	5408273	DC
16	1999	68	7.26098	2E+09	423322	5408569	DC
16	2000	34	7.92062	2E+09	423130	5408372	DC
17	1998	53	7.46974	2E+09	423707	5408471	DC
17	1999	75	7.151	2E+09	423707	5408471	DC
17	2000	37	7.86973	2E+09	423226	5408471	DC
18	1998	57	7.43401	2E+09	423995	5408273	DC
18	1999	76	7.14402	2E+09	423611	5408273	DC
18	2000	41	7.7078	2E+09	422930	5408423	DC
19	1998	60	7.3736	2E+09	424284	5408569	DC
19	1999	80	7.09136	2E+09	424092	5408569	DC
19	2000	48	7.53018	2E+09	422728	5408593	DC
20	1998	64	7.32448	2E+09	424092	5408569	DC
20	1999	88	7.00239	2E+09	423528	5408193	DC
20	2000	49	7.5053	2E+09	422928	5408393	DC
21	1998	67	7.29497	2E+09	424092	5408372	DC
21	1999	90	6.97399	2E+09	423995	5408471	DC
21	2000	54	7.45108	2E+09	423328	5408593	DC
22	1998	71	7.20979	2E+09	422728	5408593	DC
22	1999	98	6.94456	2E+09	423525	5408177	DC
22	2000	55	7.44622	2E+09	423226	5408569	DC
23	1998	74	7.16234	2E+09	423728	5408393	DC
23	2000	61	7.35771	2E+09	423322	5408569	DC
24	1998	77	7.11592	2E+09	424188	5408569	DC
24	2000	69	7.22707	2E+09	423128	5408593	DC
25	1998	79	7.09565	2E+09	423611	5408569	DC
25	2000	70	7.21941	2E+09	423130	5408471	DC
26	1998	81	7.08431	2E+09	424128	5408393	DC
26	2000	72	7.20382	2E+09	422930	5408223	DC
27	1998	83	7.0652	2E+09	423928	5408193	DC
27	2000	73	7.18541	2E+09	423130	5408273	DC
28	1998	91	6.96974	2E+09	423919	5408177	DC
28	2000	78	7.1095	2E+09	423803	5408569	DC
29	1998	92	6.96625	2E+09	424188	5408471	DC
29	2000	82	7.07341	2E+09	423226	5408372	DC
30	1998	93	6.96357	2E+09	422528	5408593	DC
30	2000	84	7.06444	2E+09	423130	5408569	DC
31	1998	94	6.96139	2E+09	424092	5408273	DC
31	2000	85	7.05939	2E+09	422928	5408193	DC
32	1998	95	6.9611	2E+09	423803	5408273	DC
32	2000	86	7.03721	2E+09	423130	5408471	DC
33	1998	97	6.95545	2E+09	424284	5408471	DC
33	2000	87	7.03679	2E+09	422730	5408423	DC
34	1998	100	6.9358	2E+09	424018	5408177	DC
34	2000	96	6.95923	2E+09	422730	5408423	DC
35	2000	99	6.93601	2E+09	422930	5408423	DC

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: WPS \*\*\*

RANK BY	YEAR	RANK	CONC	YYYYMM	XR	YR	TYPE	Ontario Reg. 419/05	
1	1996	4	6.06974	2E+09	428809	5413327	DC	Discarded	8.03084
1	1997	13	5.41623	2E+09	427530	5414423	DC	Discarded	
1	1998	5	5.98408	2E+09	429128	5412693	DC	Discarded	
1	1999	1	8.03084	2E+09	428808	5412548	DC	Discarded	
1	2000	11	5.49146	2E+09	428130	5414423	DC	Discarded	
2	1996	6	5.97823	2E+09	428817	5414150	DC	Highest	
2	1997	21	5.31969	2E+09	427530	5414223	DC	Discarded	
2	1998	15	5.39387	2E+09	429330	5412823	DC	Discarded	
2	1999	2	7.33161	2E+09	428930	5412623	DC	Discarded	
2	2000	14	5.40832	2E+09	426128	5414593	DC		
3	1996	8	5.78493	2E+09	427730	5414223	DC		
3	1997	25	5.22886	2E+09	429130	5408823	DC		
3	1998	16	5.35547	2E+09	428808	5412548	DC	Discarded	
3	1999	3	6.63148	2E+09	429128	5412693	DC	Discarded	
3	2000	19	5.33511	2E+09	426130	5414423	DC		
4	1996	10	5.64084	2E+09	428730	5414223	DC		
4	1997	33	4.99921	2E+09	428930	5413023	DC		
4	1998	18	5.35285	2E+09	428930	5413223	DC		
4	1999	7	5.89607	2E+09	429330	5412823	DC	Discarded	
4	2000	20	5.32776	2E+09	426130	5414623	DC		
5	1996	12	5.43783	2E+09	428628	5414193	DC		
5	1997	35	4.9647	2E+09	429102	5408830	DC		
5	1998	27	5.13921	2E+09	428930	5412623	DC		
5	1999	9	5.66202	2E+09	429130	5412623	DC	Discarded	
5	2000	22	5.31206	2E+09	426128	5414393	DC		
6	1996	24	5.23527	2E+09	427628	5414193	DC		
6	1997	36	4.9578	2E+09	427330	5414223	DC		
6	1998	32	5.04555	2E+09	429130	5412623	DC		
6	1999	17	5.3539	2E+09	428809	5413327	DC		
6	2000	31	5.06061	2E+09	428808	5412548	DC		
7	1996	26	5.21692	2E+09	427730	5414423	DC		
7	1997	43	4.78833	2E+09	427530	5414623	DC		
7	1998	51	4.67213	2E+09	425728	5414193	DC		
7	1999	23	5.25303	2E+09	428930	5413223	DC		
7	2000	34	4.98347	2E+09	426130	5414223	DC		
8	1996	38	4.87583	2E+09	428730	5414423	DC		
8	1997	44	4.76306	2E+09	427628	5414693	DC		
8	1998	54	4.62359	2E+09	425730	5414223	DC		
8	1999	28	5.1149	2E+09	429102	5408830	DC		
8	2000	41	4.82196	2E+09	426128	5414193	DC		
9	1996	39	4.8669	2E+09	427930	5414223	DC		
9	1997	45	4.75027	2E+09	427330	5414423	DC		
9	1998	55	4.58686	2E+09	426328	5414193	DC		
9	1999	29	5.09162	2E+09	429130	5408823	DC		
9	2000	42	4.79688	2E+09	426128	5414793	DC		
10	1996	58	4.55153	2E+09	429128	5412693	DC		
10	1997	66	4.35367	2E+09	429128	5413193	DC		
10	1998	59	4.47146	2E+09	426330	5414223	DC		
10	1999	30	5.06712	2E+09	429130	5412823	DC		

\*\*\* THE MAXIMUM 100 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: WPS \*\*\*

10	2000	46	4.7225	2E+09	428930	5412823	DC
11	1996	78	4.19278	2E+09	428808	5412548	DC
11	1997	68	4.31594	2E+09	429330	5408623	DC
11	1998	64	4.39995	2E+09	427930	5414223	DC
11	1999	37	4.89798	2E+09	429530	5413023	DC
11	2000	49	4.70872	2E+09	427930	5414223	DC
12	1996	81	4.10627	2E+09	429330	5412823	DC
12	1997	77	4.20867	2E+09	429130	5413223	DC
12	1998	69	4.29987	2E+09	428817	5414150	DC
12	1999	40	4.85301	2E+09	428330	5414423	DC
12	2000	50	4.69738	2E+09	427730	5414223	DC
13	1996	82	4.09635	2E+09	428808	5412548	DC
13	1997	80	4.15409	2E+09	427330	5414623	DC
13	1998	76	4.20968	2E+09	425530	5414223	DC
13	1999	47	4.71607	2E+09	429730	5413023	DC
13	2000	53	4.65604	2E+09	428930	5412623	DC
14	1996	87	4.05113	2E+09	429128	5412693	DC
14	1998	88	4.04875	2E+09	428730	5414223	DC
14	1999	48	4.7147	2E+09	428730	5414223	DC
14	2000	56	4.56587	2E+09	426130	5414823	DC
15	1996	89	4.03664	2E+09	425530	5414223	DC
15	1999	52	4.65967	2E+09	428809	5413327	DC
15	2000	60	4.47003	2E+09	428809	5413327	DC
16	1996	94	3.9867	2E+09	428808	5412548	DC
16	1999	57	4.55395	2E+09	427628	5414193	DC
16	2000	61	4.4502	2E+09	428808	5412548	DC
17	1996	95	3.98523	2E+09	428628	5414193	DC
17	1999	62	4.44935	2E+09	428930	5412823	DC
17	2000	65	4.38183	2E+09	429128	5412693	DC
18	1996	100	3.95013	2E+09	428930	5412623	DC
18	1999	63	4.42695	2E+09	429930	5413223	DC
18	2000	70	4.29405	2E+09	428808	5412548	DC
19	1999	67	4.34431	2E+09	429330	5408623	DC
19	2000	71	4.23818	2E+09	426930	5414223	DC
20	1999	72	4.22939	2E+09	428330	5414223	DC
20	2000	73	4.22264	2E+09	426928	5414193	DC
21	1999	74	4.21652	2E+09	428628	5414193	DC
21	2000	75	4.21608	2E+09	428930	5412823	DC
22	1999	79	4.16015	2E+09	428808	5412548	DC
22	2000	83	4.0837	2E+09	428130	5414623	DC
23	1999	84	4.08038	2E+09	428530	5414823	DC
23	2000	85	4.07204	2E+09	429128	5412693	DC
24	1999	86	4.06599	2E+09	428930	5413023	DC
24	2000	92	4.00454	2E+09	428930	5412623	DC
25	1999	90	4.02239	2E+09	426930	5414223	DC
25	2000	97	3.9625	2E+09	428930	5413023	DC
26	1999	91	4.01577	2E+09	425928	5414193	DC
26	2000	99	3.95747	2E+09	427330	5414223	DC
27	1999	93	4.00413	2E+09	426928	5414193	DC
28	1999	96	3.98171	2E+09	429530	5412823	DC
29	1999	98	3.9585	2E+09	426330	5414223	DC

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	415889	5407356	0.07016	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415889	5407406	0.07355	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415889	5407456	0.07673	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415889	5407506	0.07963	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415889	5407556	0.08217	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415889	5407606	0.0843	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415939	5407356	0.06976	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415939	5407406	0.07323	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415939	5407456	0.0765	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415939	5407506	0.07951	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415939	5407556	0.08218	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415939	5407606	0.08444	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415989	5407356	0.06933	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415989	5407406	0.07288	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415989	5407456	0.07625	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415989	5407506	0.07936	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415989	5407556	0.08215	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415989	5407606	0.08454	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415739	5406656	0.06127	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415739	5406606	0.06149	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415789	5406656	0.06185	343.4	343.4	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415789	5406606	0.06204	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415839	5406656	0.06244	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415839	5406606	0.0626	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415889	5407306	0.06664	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415889	5407256	0.0646	340.39	340.39	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415889	5407206	0.06371	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415889	5407156	0.06299	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415889	5407106	0.06246	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415889	5406656	0.063	343.32	343.32	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415889	5406606	0.06315	343.86	343.86	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415939	5407306	0.06617	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415939	5407256	0.06491	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415939	5407206	0.06405	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415939	5407156	0.06337	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415939	5407106	0.06289	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415939	5406656	0.06356	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415939	5406606	0.06368	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415989	5407306	0.06621	340.32	340.32	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415989	5407256	0.06522	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415989	5407206	0.0644	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415989	5407156	0.06378	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415989	5407106	0.06335	341.38	341.38	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415989	5406656	0.06414	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415989	5406606	0.06423	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415689	5406656	0.06071	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415689	5406606	0.06093	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415639	5406656	0.06014	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415639	5406606	0.06038	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415589	5406656	0.05958	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415589	5406606	0.05982	343.6	343.6	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415539	5406656	0.05903	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415539	5406606	0.05926	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5406656	0.05848	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5406606	0.05871	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414989	5408006	0.06572	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414989	5408106	0.06347	344.02	344.02	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415089	5408006	0.06713	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415089	5408106	0.0649	344.63	344.63	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415189	5408006	0.06856	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415189	5408106	0.06634	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415289	5408006	0.07001	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr

0.84568

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	415289	5408106	0.06783	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415389	5408006	0.07145	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415389	5408106	0.06935	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5408006	0.07292	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5408106	0.07089	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415589	5408006	0.07457	343	343	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415589	5408106	0.07246	343.95	343.95	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415689	5408006	0.07688	342.7	342.7	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415689	5408106	0.07403	343.02	343.02	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415789	5408006	0.07919	342	342	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415789	5408106	0.07564	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415889	5407706	0.08711	341	341	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415889	5407806	0.08761	341	341	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415889	5408006	0.08151	342	342	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415889	5408106	0.07727	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415989	5407706	0.08787	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415989	5407806	0.08894	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415989	5407906	0.0876	341	341	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415989	5408006	0.0838	341.44	341.44	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415989	5408106	0.07887	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416089	5407706	0.08857	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416089	5407806	0.09024	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416089	5407906	0.08942	340.64	340.64	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416089	5408006	0.08607	341	341	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416089	5408106	0.08052	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416189	5407706	0.08914	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416189	5407806	0.09142	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416189	5407906	0.09116	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416189	5408006	0.08833	341	341	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416189	5408106	0.0831	342	342	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416289	5407706	0.08957	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416289	5407806	0.09248	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416289	5407906	0.09284	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416289	5408006	0.09054	341	341	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416289	5408106	0.08566	341.4	341.4	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416389	5407706	0.08987	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416389	5407806	0.09343	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416389	5407906	0.09443	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416389	5408006	0.09264	340.05	340.05	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416389	5408106	0.08823	341	341	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416489	5407706	0.09003	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416489	5407806	0.09423	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416489	5407906	0.0959	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416489	5408006	0.09473	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416489	5408106	0.09077	340.58	340.58	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416089	5407606	0.08466	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416089	5407506	0.07898	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416089	5407406	0.07211	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416089	5407306	0.06682	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416089	5407206	0.06517	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416089	5407106	0.06433	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416089	5406606	0.06535	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416089	5406506	0.06526	344.9	344.9	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416089	5406406	0.06488	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416089	5406306	0.06431	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416089	5406206	0.06368	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416089	5406106	0.06304	346.07	346.07	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416189	5407606	0.08465	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416189	5407506	0.07847	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416189	5407406	0.07128	340.88	340.88	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416189	5407306	0.06747	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416189	5407206	0.06602	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	416189	5407106	0.06537	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416189	5406606	0.06646	344.4	344.4	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416189	5406506	0.06625	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416189	5406406	0.06579	345.2	345.2	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416189	5406306	0.06518	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416189	5406206	0.06453	346.79	346.79	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416189	5406106	0.06392	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416289	5407606	0.08451	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416289	5407506	0.07785	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416289	5407406	0.07032	340.81	340.81	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416289	5407306	0.0682	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416289	5407206	0.06696	341.41	341.41	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416289	5407106	0.06648	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416289	5407006	0.06657	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416289	5406906	0.06693	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416289	5406806	0.06734	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416289	5406706	0.06757	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416289	5406606	0.06755	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416289	5406506	0.06723	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416289	5406406	0.06671	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416289	5406306	0.06605	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416289	5406206	0.06541	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416289	5406106	0.06484	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416389	5407606	0.08422	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416389	5407506	0.07712	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416389	5407406	0.0709	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416389	5407306	0.06901	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416389	5407206	0.06799	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416389	5407106	0.06767	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416389	5407006	0.06786	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416389	5406906	0.06824	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416389	5406806	0.06861	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416389	5406706	0.06875	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416389	5406606	0.06863	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416389	5406506	0.06821	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416389	5406406	0.0676	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416389	5406306	0.06694	345.75	345.75	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416389	5406206	0.0663	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416389	5406106	0.0658	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5407606	0.08381	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416489	5407506	0.07627	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416489	5407406	0.07159	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5407306	0.06991	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5407206	0.06909	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5407106	0.06892	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5407006	0.0692	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5406906	0.06958	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5406806	0.06989	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5406706	0.06992	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5406606	0.06966	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5406506	0.06916	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5406406	0.0685	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5406306	0.06782	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5406206	0.06724	344.51	344.51	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5406106	0.06739	345	345	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	415989	5406506	0.06424	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415989	5406406	0.06396	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415989	5406306	0.06348	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415989	5406206	0.06284	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415989	5406106	0.06221	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415889	5406506	0.06324	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415889	5406406	0.06307	344.45	344.45	0 MONTH	PIT	1ST		1/31/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	415889	5406306	0.06264	344.72	344.72	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415889	5406206	0.06205	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415889	5406106	0.0614	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415789	5406506	0.06223	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415789	5406406	0.06216	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415789	5406306	0.06184	345.63	345.63	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415789	5406206	0.0613	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415789	5406106	0.06067	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415689	5406506	0.0612	344.06	344.06	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415689	5406406	0.06124	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415689	5406306	0.06099	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415689	5406206	0.06054	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415689	5406106	0.05993	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415589	5406506	0.06017	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415589	5406406	0.06028	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415589	5406306	0.06015	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415589	5406206	0.05978	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415589	5406106	0.05921	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5406506	0.05912	343.44	343.44	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5406406	0.05934	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5406306	0.0593	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5406206	0.05899	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5406106	0.0585	345.84	345.84	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415389	5406206	0.05822	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415389	5406106	0.05778	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415289	5406206	0.05742	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415289	5406106	0.05708	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415189	5406206	0.05662	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415189	5406106	0.05636	344.65	344.65	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415089	5406206	0.05582	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415089	5406106	0.05565	344.72	344.72	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414989	5406206	0.055	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414989	5406106	0.0549	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414889	5406206	0.05415	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414889	5406106	0.05414	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414789	5406206	0.05329	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414789	5406106	0.05337	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414689	5406206	0.05241	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414689	5406106	0.0526	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414589	5406506	0.05018	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414589	5406406	0.05063	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414589	5406306	0.05113	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414589	5406206	0.05157	341.73	341.73	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414589	5406106	0.05182	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5406506	0.04933	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5406406	0.04973	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5406306	0.05023	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5406206	0.05071	341.8	341.8	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5406106	0.05103	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414889	5408006	0.06432	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414889	5408106	0.06208	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414789	5408006	0.06294	343.11	343.11	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414789	5408106	0.06073	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414689	5408006	0.06159	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414689	5408106	0.05942	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414589	5406606	0.05	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414589	5406706	0.05023	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414589	5406806	0.051	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414589	5406906	0.05257	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	414589	5407006	0.05806	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	414589	5407906	0.06238	342.66	342.66	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414589	5408006	0.06028	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	414589	5408106	0.05815	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5406606	0.04925	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5406706	0.04961	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5406806	0.05053	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5406906	0.05335	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	414489	5407006	0.05867	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	414489	5407906	0.06111	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5408006	0.059	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5408106	0.05691	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5408306	0.05372	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5408506	0.05272	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5408706	0.05359	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5408906	0.05494	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5409106	0.05524	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414689	5408306	0.05583	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414689	5408506	0.05441	345.63	345.63	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414689	5408706	0.05506	346.26	346.26	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414689	5408906	0.05643	347.9	347.9	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414689	5409106	0.05687	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414889	5408306	0.05812	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414889	5408506	0.05626	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414889	5408706	0.05665	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414889	5408906	0.05798	347.03	347.03	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414889	5409106	0.05855	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415089	5408306	0.0606	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415089	5408506	0.05825	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415089	5408706	0.05833	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415089	5408906	0.05964	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415089	5409106	0.06033	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415289	5408306	0.06328	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415289	5408506	0.06042	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415289	5408706	0.06014	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415289	5408906	0.06137	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415289	5409106	0.06218	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5408306	0.06616	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5408506	0.0628	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5408706	0.06209	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5408906	0.0632	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5409106	0.06411	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415689	5408306	0.06921	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415689	5408506	0.06537	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415689	5408706	0.0642	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415689	5408906	0.06514	348.55	348.55	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415689	5409106	0.06615	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415889	5408306	0.07247	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415889	5408506	0.06814	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415889	5408706	0.06648	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415889	5408906	0.06721	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415889	5409106	0.06827	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416089	5408306	0.07594	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416089	5408506	0.07113	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416089	5408706	0.06893	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416089	5408906	0.06938	347.97	347.97	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416089	5409106	0.0705	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416289	5408306	0.07957	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416289	5408506	0.07444	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416289	5408706	0.07154	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416289	5408906	0.07171	346.94	346.94	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416289	5409106	0.07285	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5408306	0.08341	341.92	341.92	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5408506	0.07806	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5408706	0.07461	345.23	345.23	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	416489	5408906	0.07427	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5409106	0.07533	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416689	5408306	0.08748	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416689	5408506	0.08203	345.73	345.73	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416689	5408706	0.0779	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416689	5408906	0.077	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416689	5409106	0.07794	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416889	5408306	0.09158	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416889	5408506	0.08616	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416889	5408706	0.08139	345.23	345.23	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416889	5408906	0.07991	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416889	5409106	0.08068	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417089	5408306	0.09565	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417089	5408506	0.09046	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417089	5408706	0.08518	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417089	5408906	0.08303	343.45	343.45	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417089	5409106	0.0836	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417289	5408306	0.10162	342.14	342.14	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	417289	5408506	0.09522	343.33	343.33	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417289	5408706	0.08946	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417289	5408906	0.0866	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417289	5409106	0.08678	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5408306	0.10817	343	343	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	417489	5408506	0.10021	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5408706	0.09407	344.08	344.08	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5408906	0.09045	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5409106	0.09025	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416689	5408106	0.09594	342.72	342.72	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416689	5407906	0.09856	341	341	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416689	5407706	0.08989	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416689	5407506	0.07533	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416689	5407306	0.07196	340.88	340.88	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416689	5407106	0.07158	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416689	5406906	0.07227	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416689	5406706	0.07222	342.88	342.88	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416689	5406506	0.07113	343.3	343.3	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416689	5406306	0.06982	344.04	344.04	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416689	5406106	0.07039	345	345	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	416689	5405906	0.06942	346	346	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	416689	5405706	0.07019	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416689	5405506	0.07184	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416689	5405306	0.07402	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416689	5405106	0.07598	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416889	5408106	0.10079	343	343	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416889	5407906	0.10058	341	341	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416889	5407706	0.08915	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416889	5407506	0.0769	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416889	5407306	0.07435	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416889	5407106	0.07449	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416889	5406906	0.07502	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416889	5406706	0.07454	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416889	5406506	0.07325	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416889	5406306	0.07209	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416889	5406106	0.07268	345	345	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	416889	5405906	0.07228	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416889	5405706	0.07363	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416889	5405506	0.07567	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416889	5405306	0.07792	349.09	349.09	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416889	5405106	0.07913	350.12	350.12	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417089	5408106	0.10523	342	342	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	417089	5407906	0.10198	341	341	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	417089	5407706	0.08782	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	417089	5407506	0.07883	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417089	5407306	0.07712	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417089	5407106	0.07755	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417089	5406906	0.07777	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417089	5406706	0.07688	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417089	5406506	0.07551	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417089	5406306	0.0748	345	345	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	417089	5406106	0.07473	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417089	5405906	0.07571	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417089	5405706	0.07751	347.89	347.89	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417089	5405506	0.07983	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417089	5405306	0.08171	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417089	5405106	0.08151	351.14	351.14	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417289	5408106	0.1092	341	341	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	417289	5407906	0.1026	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	417289	5407706	0.0859	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	417289	5407506	0.08117	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417289	5407306	0.08026	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417289	5407106	0.08076	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417289	5406906	0.08056	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417289	5406706	0.07932	343.3	343.3	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417289	5406506	0.07803	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417289	5406306	0.0776	345	345	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	417289	5406106	0.0781	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417289	5405906	0.07957	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417289	5405706	0.08178	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417289	5405506	0.08407	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417289	5405306	0.08494	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417289	5405106	0.08268	353	353	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5408106	0.11275	342	342	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	417489	5407906	0.10261	341	341	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	417489	5407706	0.08752	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5407506	0.08393	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5407306	0.08363	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5407106	0.08399	341.99	341.99	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5406906	0.08329	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5406706	0.08191	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5406506	0.08089	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5406306	0.08089	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5406106	0.08194	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5405906	0.08389	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5405706	0.08634	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5405506	0.08804	348.07	348.07	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5405306	0.08717	349.95	349.95	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5405106	0.08222	352.34	352.34	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5405906	0.06835	346	346	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	416489	5405706	0.06714	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5405506	0.06837	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5405306	0.07026	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5405106	0.07245	350.98	350.98	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416289	5405906	0.06657	347	347	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	416289	5405706	0.06509	346	346	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	416289	5405506	0.06529	347.84	347.84	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416289	5405306	0.06684	351.47	351.47	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416289	5405106	0.06889	359.11	359.11	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416089	5405906	0.06409	348	348	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	416089	5405706	0.06451	348	348	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	416089	5405506	0.06253	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416089	5405306	0.06371	350.6	350.6	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416089	5405106	0.06546	361	361	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415889	5405906	0.06086	346	346	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	415889	5405706	0.06301	348	348	0 MONTH	PIT	1ST		1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	415889	5405506	0.06133	348	348	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	415889	5405306	0.06097	356.47	356.47	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415889	5405106	0.06233	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415689	5405906	0.05872	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415689	5405706	0.06084	348	348	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	415689	5405506	0.0609	348.64	348.64	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	415689	5405306	0.05848	352.29	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415689	5405106	0.05953	357.88	357.88	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5405906	0.05729	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5405706	0.05814	348	348	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	415489	5405506	0.05968	348	348	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	415489	5405306	0.05792	350	350	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	415489	5405106	0.05702	353.88	353.88	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415289	5405906	0.05595	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415289	5405706	0.05503	347	347	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	415289	5405506	0.05785	348	348	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	415289	5405306	0.05759	349	349	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	415289	5405106	0.05476	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415089	5405906	0.05471	345.76	345.76	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415089	5405706	0.05352	345.96	345.96	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415089	5405506	0.05534	346	346	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	415089	5405306	0.05649	346.52	346.52	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	415089	5405106	0.05447	347.49	347.49	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	414889	5405906	0.05345	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414889	5405706	0.05232	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414889	5405506	0.05256	344.98	344.98	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	414889	5405306	0.05494	346	346	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	414889	5405106	0.05429	346.01	346.01	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	414689	5405906	0.05225	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414689	5405706	0.05123	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414689	5405506	0.05013	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414689	5405306	0.0529	346	346	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	414689	5405106	0.05371	347	347	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	414489	5405906	0.05101	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5405706	0.05019	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5405506	0.04907	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5405306	0.05048	346	346	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	414489	5405106	0.05247	347	347	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	414289	5405906	0.04971	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414289	5405706	0.04916	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414289	5405506	0.0481	345.13	345.13	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414289	5405306	0.04787	346.78	346.78	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	414289	5405106	0.05078	348	348	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	414089	5405906	0.04835	342.01	342.01	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414089	5405706	0.04811	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414089	5405506	0.04719	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414089	5405306	0.04612	346.91	346.91	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414089	5405106	0.04861	348	348	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	413889	5405906	0.04695	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413889	5405706	0.047	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413889	5405506	0.0463	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413889	5405306	0.04524	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413889	5405106	0.04606	346	346	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	413689	5405906	0.04549	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413689	5405706	0.04584	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413689	5405506	0.04539	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413689	5405306	0.04441	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413689	5405106	0.04338	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5405906	0.04403	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5405706	0.04462	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5405506	0.04445	342.87	342.87	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5405306	0.04361	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	413489	5405106	0.04255	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414289	5406106	0.04942	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414289	5406306	0.04846	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414289	5406506	0.04776	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414289	5406706	0.04855	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414289	5406906	0.05478	341	341	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	414289	5407906	0.05861	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414289	5408106	0.05456	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414289	5408306	0.05177	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414289	5408506	0.05116	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414289	5408706	0.0522	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414289	5408906	0.05351	348.63	348.63	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414289	5409106	0.05369	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414089	5406106	0.04776	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414089	5406306	0.04676	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414089	5406506	0.04637	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414089	5406706	0.04771	340.21	340.21	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414089	5406906	0.05598	341	341	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	414089	5408106	0.05235	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414089	5408306	0.04998	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414089	5408506	0.04971	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414089	5408706	0.05088	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414089	5408906	0.05213	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414089	5409106	0.05218	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413889	5406106	0.04613	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413889	5406306	0.04518	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413889	5406506	0.0452	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413889	5406706	0.04753	342	342	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	413889	5406906	0.05698	343	343	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	413889	5408106	0.0503	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413889	5408306	0.04833	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413889	5408506	0.04837	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413889	5408706	0.04964	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413889	5408906	0.05081	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413889	5409106	0.05073	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413689	5406106	0.04453	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413689	5406306	0.04375	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413689	5406506	0.04421	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413689	5406706	0.04892	343	343	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	413689	5406906	0.05774	344.89	344.89	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	413689	5407106	0.06394	346	346	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	413689	5407306	0.06561	346	346	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	413689	5407506	0.06188	345	345	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	413689	5407706	0.05553	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413689	5407906	0.0517	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413689	5408106	0.04839	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413689	5408306	0.04681	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413689	5408506	0.04713	346.97	346.97	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413689	5408706	0.04846	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413689	5408906	0.04953	348.18	348.18	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413689	5409106	0.04936	351.83	351.83	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5406106	0.04301	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5406306	0.04247	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5406506	0.04339	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5406706	0.0501	341.66	341.66	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	413489	5406906	0.0582	345	345	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	413489	5407106	0.06328	347	347	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	413489	5407306	0.06374	348	348	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	413489	5407506	0.05903	346.62	346.62	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	413489	5407706	0.05341	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5407906	0.04963	344.06	344.06	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5408106	0.04662	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	413489	5408306	0.04541	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5408506	0.04594	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5408706	0.04732	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5408906	0.04831	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5409106	0.04957	361.75	361.75	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5409606	0.04079	358	358	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5410106	0.04076	357	357	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	413489	5410606	0.0395	355	355	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5411106	0.05579	356	356	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5411606	0.05763	357	357	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5412106	0.044	356	356	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413989	5409606	0.04411	361	361	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413989	5410106	0.04336	359	359	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	413989	5410606	0.04324	357	357	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413989	5411106	0.06446	363.64	363.64	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413989	5411606	0.06275	363	363	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413989	5412106	0.0451	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5409606	0.04785	357.99	357.99	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5410106	0.04908	362.35	362.35	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	414489	5410606	0.04751	359	359	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5411106	0.06584	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5411606	0.06235	361	361	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5412106	0.04433	363	363	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414989	5409606	0.05207	352.32	352.32	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414989	5410106	0.04948	360	360	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	414989	5410606	0.05242	361	361	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414989	5411106	0.07733	364	364	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414989	5411606	0.06578	368	368	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414989	5412106	0.04532	366	366	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5409606	0.05687	352	352	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5410106	0.05313	355	355	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	415489	5410606	0.05636	361.86	361.86	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5411106	0.08644	366.4	366.4	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5411606	0.06548	370	370	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5412106	0.04782	370	370	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415989	5409606	0.06237	353	353	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415989	5410106	0.05721	353.31	353.31	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	415989	5410606	0.06468	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415989	5411106	0.08891	362	362	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415989	5411606	0.06916	360.33	360.33	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415989	5412106	0.05167	367.9	367.9	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5409606	0.06866	352	352	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5410106	0.06189	354	354	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	416489	5410606	0.07233	353.47	353.47	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5411106	0.10313	368.67	369	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5411606	0.07163	359.36	359.36	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5412106	0.05545	360.18	360.18	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416989	5409606	0.07591	349.41	349.41	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416989	5410106	0.06719	351	351	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	416989	5410606	0.08122	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416989	5411106	0.09828	355.37	355.37	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416989	5411606	0.07313	361.02	361.02	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416989	5412106	0.05876	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5409606	0.08432	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5410106	0.0733	347	347	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	417489	5410606	0.09171	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5411106	0.10571	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5411606	0.07382	365.28	365.28	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5412106	0.0621	369.67	369.67	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417989	5409606	0.09417	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417989	5410106	0.08045	346	346	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	417989	5410606	0.10405	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	417989	5411106	0.11352	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417989	5411606	0.08175	357.92	357.92	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417989	5412106	0.06641	366	366	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	418489	5409606	0.10592	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	418489	5410106	0.08888	346	346	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	418489	5410606	0.11871	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	418989	5409606	0.12015	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	418989	5410106	0.09956	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	418989	5410606	0.13632	351	351	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	419489	5409606	0.13745	351.16	351.16	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	419489	5410106	0.11488	355.27	355.27	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	419489	5410606	0.15724	356	356	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417989	5409106	0.1	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417989	5408606	0.11067	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417989	5408106	0.11804	341	341	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	417989	5407606	0.09301	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417989	5407106	0.09224	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417989	5406606	0.08964	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417989	5406106	0.09367	343.99	343.99	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417989	5405606	0.0959	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417989	5405106	0.07357	354	354	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417989	5404606	0.06239	359.29	359.29	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	417989	5404106	0.05653	353.81	353.81	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	417989	5403606	0.05913	345	345	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	417989	5403106	0.05632	356.37	356.37	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	417989	5402606	0.04706	354	354	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	417989	5402106	0.04824	352.54	352.54	0 MONTH	PIT	1ST		4/30/1996 24 hr
PINEGEN	418489	5409106	0.1123	344.89	344.89	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	418489	5408606	0.12604	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	418489	5408106	0.11755	341	341	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	418489	5407606	0.10359	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	418489	5407106	0.10141	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	418489	5406606	0.10156	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	418489	5406106	0.10745	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	418489	5405606	0.09385	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	418489	5405106	0.07278	345.29	345.29	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	418489	5404606	0.06288	349	349	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	418489	5404106	0.06559	356.33	356.33	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	418489	5403606	0.06319	345.46	345.46	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	418489	5403106	0.05306	358.05	358.05	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	418489	5402606	0.05463	363.83	370	0 MONTH	PIT	1ST		4/30/1996 24 hr
PINEGEN	418489	5402106	0.05225	358	358	0 MONTH	PIT	1ST		4/30/1996 24 hr
PINEGEN	418989	5409106	0.12805	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	418989	5408606	0.14631	345	345	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	418989	5408106	0.12225	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	418989	5407606	0.11617	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	418989	5407106	0.11342	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	418989	5406606	0.118	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	418989	5406106	0.11555	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	418989	5405606	0.08457	350.74	350.74	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	418989	5405106	0.07141	347	347	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	418989	5404606	0.07302	352	352	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	418989	5404106	0.07165	355.19	355.19	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	418989	5403606	0.06033	358	358	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	418989	5403106	0.0593	356	356	0 MONTH	PIT	1ST		4/30/1996 24 hr
PINEGEN	418989	5402606	0.05769	357	357	0 MONTH	PIT	1ST		4/30/1996 24 hr
PINEGEN	418989	5402106	0.05674	361.55	371	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	419489	5409106	0.1483	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	419489	5408606	0.16787	346	346	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	419489	5408106	0.13443	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	419489	5407606	0.13042	343.15	343.15	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	419489	5407106	0.13034	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	419489	5405606	0.13549	348.32	348.32	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	419489	5405606	0.0845	354	354	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	419489	5405106	0.082	349	349	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	419489	5404606	0.08164	351	351	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	419489	5404106	0.06923	354	354	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	419489	5403606	0.06648	355	355	0 MONTH	PIT	1ST		4/30/1996 24 hr
PINEGEN	419489	5403106	0.06412	355	355	0 MONTH	PIT	1ST		4/30/1996 24 hr
PINEGEN	419489	5402606	0.06667	355	355	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	419489	5402106	0.07595	355	355	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	419989	5409106	0.17445	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	419989	5406606	0.14073	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	419989	5405606	0.09359	357	357	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	419989	5405106	0.09387	351.23	351.23	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	419989	5404606	0.08021	348	348	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	419989	5404106	0.07519	351.63	351.63	0 MONTH	PIT	1ST		4/30/1996 24 hr
PINEGEN	419989	5403606	0.07179	352	352	0 MONTH	PIT	1ST		4/30/1996 24 hr
PINEGEN	419989	5403106	0.07864	353	353	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	419989	5402606	0.08669	356	356	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	419989	5402106	0.0794	358.53	358.53	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	420489	5409106	0.20718	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	420489	5408606	0.19211	345.95	345.95	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	420489	5408106	0.17461	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	420489	5405606	0.10912	356	356	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	420489	5405106	0.09441	354.81	354.81	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	420489	5404606	0.08601	349	349	0 MONTH	PIT	1ST		4/30/1996 24 hr
PINEGEN	420489	5404106	0.08125	358	358	0 MONTH	PIT	1ST		4/30/1996 24 hr
PINEGEN	420489	5403606	0.09326	360	360	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	420489	5403106	0.09769	357.19	357.19	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	420489	5402606	0.08219	357	357	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	420489	5402106	0.07175	360	360	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	417489	5404606	0.06155	360	360	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	417489	5404106	0.05277	349	349	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	417489	5403606	0.05149	350	350	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	417489	5403106	0.05366	345	345	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	417489	5402606	0.05035	349	349	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	417489	5402106	0.04205	355	355	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	416989	5404606	0.06751	356.24	356.24	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416989	5404106	0.05475	347.17	347.17	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416989	5403606	0.04554	346	346	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	416989	5403106	0.04731	346	346	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	416989	5402606	0.04887	345	345	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	416989	5402106	0.04528	347	347	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	416489	5404606	0.07166	350.43	350.43	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5404106	0.0536	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5403606	0.04835	348	348	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416489	5403106	0.04141	347	347	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	416489	5402606	0.04375	345	345	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	416489	5402106	0.04467	346	346	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	415989	5404606	0.06819	358.85	358.85	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415989	5404106	0.06138	353.53	353.53	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415989	5403606	0.04717	348.94	348.94	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415989	5403106	0.04222	347	347	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415989	5402606	0.03818	344.77	344.77	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	415989	5402106	0.0406	344	344	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	415489	5404606	0.06101	350.18	350.18	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5404106	0.06255	349.74	349.74	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5403606	0.05069	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5403106	0.04298	347	347	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415489	5402606	0.03648	345	345	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	415489	5402106	0.03556	343	343	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	414989	5404606	0.05408	348.54	348.54	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414989	5404106	0.0583	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	414989	5403606	0.05541	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414989	5403106	0.04127	345	345	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	414989	5402606	0.03881	344	344	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	414989	5402106	0.03184	342	342	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	414489	5404606	0.04873	349.15	349.15	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5404106	0.05209	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5403606	0.05473	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5403106	0.04737	342.37	342.37	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5402606	0.03749	342	342	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	414489	5402106	0.03467	341	341	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	413989	5404606	0.04787	350	350	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	413989	5404106	0.0465	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413989	5403606	0.05034	346.63	346.63	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413989	5403106	0.04982	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413989	5402606	0.0394	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413989	5402106	0.03479	343	343	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	413489	5404606	0.04636	340	340	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	413489	5404106	0.04221	347.02	347.02	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5403606	0.04498	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5403106	0.04802	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5402606	0.04396	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5402106	0.03347	344.46	344.46	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	412989	5404606	0.04269	339	339	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	412989	5404106	0.04161	339	339	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	412989	5403606	0.04033	338.18	338.18	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412989	5403106	0.04381	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412989	5402606	0.04487	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412989	5402106	0.03773	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412489	5404606	0.03753	338	338	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	412489	5404106	0.04158	338.86	338.86	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	412489	5403606	0.03694	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412489	5403106	0.03928	343.96	343.96	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412489	5402606	0.04253	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412489	5402106	0.04066	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411989	5404606	0.03556	339	339	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411989	5404106	0.03901	337	337	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	411989	5403606	0.03703	339	339	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	411989	5403106	0.03551	342.3	342.3	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411989	5402606	0.0386	351	351	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411989	5402106	0.04043	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411489	5404606	0.0344	340.02	340.02	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411489	5404106	0.03478	335	335	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	411489	5403606	0.03757	339	339	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	411489	5403106	0.0327	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411489	5402606	0.03465	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411489	5402106	0.03776	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410989	5404606	0.03311	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410989	5404106	0.03122	336	336	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410989	5403606	0.03601	339	339	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	410989	5403106	0.03337	343	343	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	410989	5402606	0.03152	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410989	5402106	0.03414	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410489	5404606	0.03159	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410489	5404106	0.03033	335	335	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410489	5403606	0.03264	337.41	337.41	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	410489	5403106	0.03456	347	347	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	410489	5402606	0.0292	348.05	348.05	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410489	5402106	0.03079	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412989	5405106	0.04081	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412989	5405606	0.04171	339	339	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412989	5406106	0.03969	342.28	342.28	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412989	5406606	0.04859	348.53	367	0 MONTH	PIT	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	412989	5407106	0.0606	353	353	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	412989	5407606	0.05016	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412989	5408106	0.04279	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412989	5408606	0.04402	347.82	347.82	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412989	5409106	0.04489	359	359	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412989	5409606	0.0382	361	361	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	412989	5410106	0.0384	359	359	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	412989	5410606	0.03622	355	355	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412989	5411106	0.05138	354	354	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412989	5411606	0.05517	356	356	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412989	5412106	0.04308	359	359	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412489	5405106	0.03911	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412489	5405606	0.03862	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412489	5406106	0.03722	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412489	5406606	0.0504	348	348	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	412489	5407106	0.05659	348	348	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	412489	5407606	0.04551	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412489	5408106	0.03964	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412489	5408606	0.04171	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412489	5409106	0.04201	355	355	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412489	5409606	0.03614	358.02	358.02	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	412489	5410106	0.0363	356.55	356.55	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	412489	5410606	0.03331	352	352	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412489	5411106	0.04735	354	354	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412489	5411606	0.05267	358.99	358.99	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412489	5412106	0.04227	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411989	5405106	0.0372	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411989	5405606	0.03554	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411989	5406106	0.03668	343	343	0 MONTH	PIT	1ST		1/31/2000 24 hr
PINEGEN	411989	5406606	0.05096	344	344	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	411989	5407106	0.05179	346	346	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	411989	5407606	0.04129	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411989	5408106	0.03704	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411989	5408606	0.0396	351.14	351.14	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411989	5409106	0.03937	355	355	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411989	5409606	0.03425	351	351	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	411989	5410106	0.03433	350	350	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	411989	5410606	0.03074	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411989	5411106	0.04369	356	356	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411989	5411606	0.05014	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411989	5412106	0.04151	358.84	358.84	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411489	5405106	0.03494	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411489	5405606	0.03284	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411489	5406106	0.0377	346	346	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	411489	5406606	0.05046	347	347	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	411489	5407106	0.04663	348	348	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	411489	5407606	0.03759	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411489	5408106	0.03488	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411489	5408606	0.03765	352	352	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411489	5409106	0.03694	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411489	5409606	0.03253	350	350	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	411489	5410106	0.03257	350	350	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	411489	5410606	0.02872	349	349	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	411489	5411106	0.04034	353.73	353.73	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411489	5411606	0.04763	358	358	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411489	5412106	0.04076	355	355	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410989	5405106	0.03247	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410989	5405606	0.03092	344	344	0 MONTH	PIT	1ST		1/31/2000 24 hr
PINEGEN	410989	5406106	0.03974	346	346	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	410989	5406606	0.04887	347	347	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	410989	5407106	0.04135	349	349	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	410989	5407606	0.03442	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	410989	5408106	0.03308	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410989	5408606	0.03584	351	351	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410989	5409106	0.03472	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410989	5409606	0.03095	350	350	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	410989	5410106	0.03095	350	350	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	410989	5410606	0.02741	348	348	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	410989	5411106	0.03731	353	353	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410989	5411606	0.04515	354	354	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410989	5412106	0.03996	350.65	350.65	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410489	5405106	0.02998	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410489	5405606	0.03109	344	344	0 MONTH	PIT	1ST		1/31/2000 24 hr
PINEGEN	410489	5406106	0.04105	345	345	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	410489	5406606	0.04642	347	347	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	410489	5407106	0.03774	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410489	5407606	0.03172	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410489	5408106	0.03154	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410489	5408606	0.03412	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410489	5409106	0.03266	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410489	5409606	0.02948	346	346	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	410489	5410106	0.02944	347	347	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	410489	5410606	0.02619	347.45	347.45	0 MONTH	PIT	1ST		9/30/1996 24 hr
PINEGEN	410489	5411106	0.03454	349.99	349.99	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410489	5411606	0.04267	344.49	344.49	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410489	5412106	0.03911	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410489	5413106	0.02525	353.38	353.38	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410489	5414106	0.02125	361.45	361.45	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	410489	5415106	0.02478	361	361	0 MONTH	PIT	1ST		12/31/1997 24 hr
PINEGEN	410489	5416106	0.0306	366	366	0 MONTH	PIT	1ST		12/31/1997 24 hr
PINEGEN	410489	5417106	0.02061	369	369	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411489	5413106	0.02732	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	411489	5414106	0.02544	357	357	0 MONTH	PIT	1ST		12/31/1997 24 hr
PINEGEN	411489	5415106	0.02929	354.84	354.84	0 MONTH	PIT	1ST		12/31/1997 24 hr
PINEGEN	411489	5416106	0.02824	358	358	0 MONTH	PIT	1ST		12/31/1997 24 hr
PINEGEN	411489	5417106	0.02252	365	365	0 MONTH	PIT	1ST		12/31/1999 24 hr
PINEGEN	412489	5413106	0.02964	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	412489	5414106	0.03022	358.08	358.08	0 MONTH	PIT	1ST		12/31/1997 24 hr
PINEGEN	412489	5415106	0.03464	348.91	348.91	0 MONTH	PIT	1ST		12/31/1997 24 hr
PINEGEN	412489	5416106	0.0268	350	350	0 MONTH	PIT	1ST		12/31/1997 24 hr
PINEGEN	412489	5417106	0.02387	354	354	0 MONTH	PIT	1ST		12/31/1999 24 hr
PINEGEN	413489	5413106	0.03223	359.42	359.42	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5414106	0.03392	365.93	365.93	0 MONTH	PIT	1ST		12/31/1997 24 hr
PINEGEN	413489	5415106	0.03776	354.21	354.21	0 MONTH	PIT	1ST		12/31/1997 24 hr
PINEGEN	413489	5416106	0.02748	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	413489	5417106	0.02698	352	352	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	414489	5413106	0.03706	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
PINEGEN	414489	5414106	0.04292	368.83	368.83	0 MONTH	PIT	1ST		12/31/1997 24 hr
PINEGEN	414489	5415106	0.03631	365.71	365.71	0 MONTH	PIT	1ST		12/31/1997 24 hr
PINEGEN	414489	5416106	0.03001	350	350	0 MONTH	PIT	1ST		12/31/1999 24 hr
PINEGEN	414489	5417106	0.03809	351	351	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5413106	0.04795	369.94	369.94	0 MONTH	PIT	1ST		12/31/1997 24 hr
PINEGEN	415489	5414106	0.05972	379	379	0 MONTH	PIT	1ST		12/31/1997 24 hr
PINEGEN	415489	5415106	0.03832	370	370	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5416106	0.03725	362.74	362.74	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	415489	5417106	0.04859	355.43	355.43	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5413106	0.05597	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
PINEGEN	416489	5414106	0.05032	388.13	388.13	0 MONTH	PIT	1ST		12/31/1997 24 hr
PINEGEN	416489	5415106	0.04118	368	368	0 MONTH	PIT	1ST		12/31/1999 24 hr
PINEGEN	416489	5416106	0.05586	361	361	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5417106	0.05312	361.66	361.66	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5413106	0.07432	364.93	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
PINEGEN	417489	5414106	0.05387	367	367	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5415106	0.05653	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	417489	5416106	0.06471	369	369	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	417489	5417106	0.06407	369.28	369.28	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	418489	5414106	0.06006	369	369	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	418489	5415106	0.08806	379.99	379.99	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	418489	5416106	0.08162	372	372	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	418489	5417106	0.06102	364.25	364.25	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	419489	5413106	0.08488	379.3	379.3	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	419489	5414106	0.10675	372	372	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	419489	5415106	0.10123	380.64	380.64	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	419489	5416106	0.07019	388	388	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	419489	5417106	0.06978	377.72	377.72	0 MONTH	PIT	1ST		1/31/2000 24 hr
PINEGEN	420489	5414106	0.13038	379.98	379.98	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	420489	5415106	0.09981	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	420489	5416106	0.09517	388.43	388.43	0 MONTH	PIT	1ST		1/31/2000 24 hr
PINEGEN	420489	5417106	0.09731	391.83	391.83	0 MONTH	PIT	1ST		1/31/2000 24 hr
PINEGEN	421489	5415106	0.14803	380.87	380.87	0 MONTH	PIT	1ST		1/31/2000 24 hr
PINEGEN	421489	5416106	0.10664	390.79	398	0 MONTH	PIT	1ST		1/31/2000 24 hr
PINEGEN	421489	5417106	0.09093	391.78	391.78	0 MONTH	PIT	1ST		12/31/1996 24 hr
PINEGEN	422489	5415106	0.14279	387.48	387.48	0 MONTH	PIT	1ST		12/31/1996 24 hr
PINEGEN	422489	5416106	0.10492	392	392	0 MONTH	PIT	1ST		12/31/1999 24 hr
PINEGEN	422489	5417106	0.09245	400.18	400.18	0 MONTH	PIT	1ST		2/28/1998 24 hr
PINEGEN	423489	5415106	0.17226	394.52	394.52	0 MONTH	PIT	1ST		2/28/1998 24 hr
PINEGEN	423489	5416106	0.16474	394	394	0 MONTH	PIT	1ST		2/28/1998 24 hr
PINEGEN	423489	5417106	0.13436	389	389	0 MONTH	PIT	1ST		12/31/1997 24 hr
PINEGEN	424489	5415106	0.19177	393.34	393.34	0 MONTH	PIT	1ST		2/28/1998 24 hr
PINEGEN	424489	5416106	0.15627	384	384	0 MONTH	PIT	1ST		8/31/1996 24 hr
PINEGEN	424489	5417106	0.12579	377	377	0 MONTH	PIT	1ST		8/31/1996 24 hr
PINEGEN	425489	5415106	0.25338	378	378	0 MONTH	PIT	1ST		2/28/1998 24 hr
PINEGEN	425489	5416106	0.193	377.78	377.78	0 MONTH	PIT	1ST		2/28/1998 24 hr
PINEGEN	425489	5417106	0.15195	377.38	377.38	0 MONTH	PIT	1ST		10/31/2000 24 hr
PINEGEN	421489	5408106	0.24823	351	351	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	421489	5407106	0.16432	358	358	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	421489	5404106	0.11659	359	359	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	421489	5403106	0.08865	364	364	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	421489	5402106	0.05253	365	365	0 MONTH	PIT	1ST		4/30/1998 24 hr
PINEGEN	421489	5401106	0.05002	369.45	369.45	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	421489	5400106	0.06343	362	362	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	421489	5399106	0.06108	359	359	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	421489	5398106	0.0533	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	421489	5397106	0.04664	365	365	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	422489	5408106	0.33304	356	356	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	422489	5407106	0.21764	358.1	358.1	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	422489	5406106	0.19144	360	360	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	422489	5405106	0.15048	360	360	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	422489	5404106	0.09809	357	357	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	422489	5403106	0.08057	374.96	374.96	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	422489	5402106	0.10118	372	372	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	422489	5401106	0.08783	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	422489	5400106	0.07233	368.12	368.12	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	422489	5399106	0.06365	363.71	363.71	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	422489	5398106	0.05475	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	422489	5397106	0.04629	366.36	366.36	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	423489	5408106	0.40831	354	354	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	423489	5406106	0.20724	361	361	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	423489	5405106	0.16482	359	359	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	423489	5404106	0.16128	358	358	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	423489	5403106	0.12993	376	376	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	423489	5402106	0.10401	376	376	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	423489	5401106	0.08284	378	378	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	423489	5400106	0.07009	375.48	375.48	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	423489	5399106	0.06363	367	367	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	423489	5398106	0.05825	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	423489	5397106	0.05314	362.4	362.4	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	424489	5406106	0.3299	369.19	369.19	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	424489	5405106	0.22714	368.07	368.07	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	424489	5404106	0.17597	361.08	366	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	424489	5403106	0.14299	377.23	377.23	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	424489	5402106	0.12288	378	378	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	424489	5401106	0.10613	376	376	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	424489	5400106	0.09158	373.06	373.06	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	424489	5399106	0.07852	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	424489	5398106	0.06631	365	365	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	424489	5397106	0.05491	357	357	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	425489	5407106	0.56107	366.67	366.67	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	425489	5406106	0.32986	378.68	378.68	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	425489	5405106	0.22386	362	362	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	425489	5404106	0.15512	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	425489	5403106	0.11346	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	425489	5402106	0.0845	377.99	377.99	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	425489	5401106	0.06763	375	375	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	425489	5400106	0.05596	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	425489	5399106	0.04696	368	368	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	425489	5398106	0.0415	359	359	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	425489	5397106	0.03574	359	359	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	420489	5401106	0.05374	364	364	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	420489	5400106	0.0372	359	359	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	420489	5399106	0.03698	357	357	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	420489	5398106	0.04329	361	361	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	420489	5397106	0.04527	360	360	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	419489	5401106	0.06115	358	358	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	419489	5400106	0.05112	361.28	361.28	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	419489	5399106	0.03569	355	355	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	419489	5398106	0.02637	359.29	359.29	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	419489	5397106	0.02418	370.8	370.8	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	418489	5401106	0.05939	362.6	362.6	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	418489	5400106	0.06087	363	363	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	418489	5399106	0.04336	354	354	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	418489	5398106	0.03555	354.91	354.91	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	418489	5397106	0.02525	364.03	364.03	0 MONTH	PIT	1ST		4/30/1998 24 hr
PINEGEN	417489	5401106	0.04361	351	351	0 MONTH	PIT	1ST		4/30/1996 24 hr
PINEGEN	417489	5400106	0.04404	359	359	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	417489	5399106	0.05211	350	350	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	417489	5398106	0.03768	349	349	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	417489	5397106	0.03335	354	354	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	416489	5401106	0.03439	348.07	348.07	0 MONTH	PIT	1ST		1/31/1998 24 hr
PINEGEN	416489	5400106	0.03719	354.16	354.16	0 MONTH	PIT	1ST		4/30/1996 24 hr
PINEGEN	416489	5399106	0.03434	347	347	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	416489	5398106	0.04387	350	350	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	416489	5397106	0.03932	351	351	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	415489	5401106	0.03763	347	347	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	415489	5400106	0.02931	347	347	0 MONTH	PIT	1ST		4/30/1996 24 hr
PINEGEN	415489	5399106	0.0321	348	348	0 MONTH	PIT	1ST		4/30/1996 24 hr
PINEGEN	415489	5398106	0.02785	346	346	0 MONTH	PIT	1ST		4/30/1996 24 hr
PINEGEN	415489	5397106	0.03612	349.43	349.43	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	414489	5401106	0.03143	344.99	344.99	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	414489	5400106	0.03202	345	345	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	414489	5399106	0.02558	348.68	348.68	0 MONTH	PIT	1ST		4/30/1996 24 hr
PINEGEN	414489	5398106	0.02816	350	350	0 MONTH	PIT	1ST		4/30/1996 24 hr
PINEGEN	414489	5397106	0.02493	348	348	0 MONTH	PIT	1ST		4/30/1996 24 hr
PINEGEN	413489	5401106	0.02696	350	350	0 MONTH	PIT	1ST		12/31/2000 24 hr
PINEGEN	413489	5400106	0.02807	348.95	348.95	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	413489	5399106	0.02752	342	342	0 MONTH	PIT	1ST		1/31/1999 24 hr
PINEGEN	413489	5398106	0.02254	343	343	0 MONTH	PIT	1ST		4/30/1996 24 hr
PINEGEN	413489	5397106	0.02491	346	346	0 MONTH	PIT	1ST		4/30/1996 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	412489	5401106	0.02892	345.75	345.75	0	MONTH	PIT	1ST	12/31/2000 24 hr
PINEGEN	412489	5400106	0.02234	347	347	0	MONTH	PIT	1ST	1/31/1999 24 hr
PINEGEN	412489	5399106	0.02515	350	350	0	MONTH	PIT	1ST	1/31/1999 24 hr
PINEGEN	412489	5398106	0.02385	336.36	336.36	0	MONTH	PIT	1ST	1/31/1999 24 hr
PINEGEN	412489	5397106	0.02017	352	352	0	MONTH	PIT	1ST	4/30/1996 24 hr
PINEGEN	411489	5401106	0.03065	341.01	341.01	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	411489	5400106	0.02489	340	340	0	MONTH	PIT	1ST	12/31/2000 24 hr
PINEGEN	411489	5399106	0.02025	339.84	339.84	0	MONTH	PIT	1ST	1/31/1999 24 hr
PINEGEN	411489	5398106	0.02254	338	338	0	MONTH	PIT	1ST	1/31/1999 24 hr
PINEGEN	411489	5397106	0.02118	337	337	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	410489	5401106	0.03419	336	336	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	410489	5400106	0.02338	333	333	0	MONTH	PIT	1ST	1/31/1999 24 hr
PINEGEN	410489	5399106	0.02057	333	333	0	MONTH	PIT	1ST	12/31/2000 24 hr
PINEGEN	410489	5398106	0.01865	333	333	0	MONTH	PIT	1ST	1/31/1999 24 hr
PINEGEN	410489	5397106	0.02029	336	336	0	MONTH	PIT	1ST	1/31/1999 24 hr
PINEGEN	409489	5401106	0.03007	331.92	331.92	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	409489	5400106	0.0281	332	332	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	409489	5399106	0.02096	330	330	0	MONTH	PIT	1ST	12/31/2000 24 hr
PINEGEN	409489	5398106	0.01652	331	331	0	MONTH	PIT	1ST	12/31/2000 24 hr
PINEGEN	409489	5397106	0.01729	332	332	0	MONTH	PIT	1ST	1/31/1999 24 hr
PINEGEN	408489	5401106	0.02477	339	339	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	408489	5400106	0.0287	332.35	332.35	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	408489	5399106	0.02134	336	336	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	408489	5398106	0.01884	330	330	0	MONTH	PIT	1ST	12/31/2000 24 hr
PINEGEN	408489	5397106	0.01512	332	332	0	MONTH	PIT	1ST	5/31/1996 24 hr
PINEGEN	407489	5401106	0.02153	335.77	335.77	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	407489	5400106	0.02458	340	340	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	407489	5399106	0.02532	341.44	341.44	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	407489	5398106	0.01745	330	330	0	MONTH	PIT	1ST	1/31/1999 24 hr
PINEGEN	407489	5397106	0.01633	330	330	0	MONTH	PIT	1ST	12/31/2000 24 hr
PINEGEN	406489	5401106	0.024	338	338	0	MONTH	PIT	1ST	1/31/1999 24 hr
PINEGEN	406489	5400106	0.02043	338	338	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	406489	5399106	0.02419	334	334	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	406489	5398106	0.02045	330	330	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	406489	5397106	0.0161	330	330	0	MONTH	PIT	1ST	12/31/2000 24 hr
PINEGEN	405489	5401106	0.02428	341	341	0	MONTH	PIT	1ST	1/31/1999 24 hr
PINEGEN	405489	5400106	0.01809	340	340	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	405489	5399106	0.02034	332	332	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	405489	5398106	0.02237	330	330	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	405489	5397106	0.01635	330	330	0	MONTH	PIT	1ST	1/31/1999 24 hr
PINEGEN	409489	5402106	0.02617	336	336	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	409489	5403106	0.03052	335	335	0	MONTH	PIT	1ST	1/31/1999 24 hr
PINEGEN	409489	5404106	0.02847	336.7	336.7	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	409489	5405106	0.02612	342	342	0	MONTH	PIT	1ST	1/31/2000 24 hr
PINEGEN	409489	5406106	0.04135	344	344	0	MONTH	PIT	1ST	12/31/2000 24 hr
PINEGEN	409489	5407106	0.03165	344.53	344.53	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	409489	5408106	0.02894	343	343	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	409489	5409106	0.02904	343	343	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	409489	5410106	0.02678	340.89	340.89	0	MONTH	PIT	1ST	9/30/1996 24 hr
PINEGEN	409489	5411106	0.02976	348	348	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	409489	5412106	0.03723	355.12	355.12	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	409489	5413106	0.02358	359.32	359.32	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	409489	5414106	0.02008	355	355	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	409489	5415106	0.02183	360	360	0	MONTH	PIT	1ST	12/31/1997 24 hr
PINEGEN	409489	5416106	0.02524	361.39	361.39	0	MONTH	PIT	1ST	12/31/1997 24 hr
PINEGEN	409489	5417106	0.02168	361.64	361.64	0	MONTH	PIT	1ST	12/31/1997 24 hr
PINEGEN	408489	5402106	0.02805	330	330	0	MONTH	PIT	1ST	1/31/1999 24 hr
PINEGEN	408489	5403106	0.02405	333	333	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	408489	5404106	0.0257	335	335	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	408489	5405106	0.02665	340	340	0	MONTH	PIT	1ST	1/31/2000 24 hr
PINEGEN	408489	5406106	0.03881	341	341	0	MONTH	PIT	1ST	12/31/2000 24 hr
PINEGEN	408489	5407106	0.02671	342	342	0	MONTH	PIT	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	408489	5408106	0.02682	340	340	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	408489	5409106	0.02595	341	341	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	408489	5410106	0.02452	343	343	0	MONTH	PIT	1ST	9/30/1996 24 hr
PINEGEN	408489	5411106	0.0258	344	344	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	408489	5412106	0.03508	354.96	354.96	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	408489	5413106	0.02242	354	354	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	408489	5414106	0.01896	357	357	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	408489	5415106	0.0194	358	358	0	MONTH	PIT	1ST	12/31/1997 24 hr
PINEGEN	408489	5416106	0.02107	359.51	359.51	0	MONTH	PIT	1ST	12/31/1997 24 hr
PINEGEN	408489	5417106	0.02224	349	349	0	MONTH	PIT	1ST	12/31/1997 24 hr
PINEGEN	407489	5402106	0.02685	331	331	0	MONTH	PIT	1ST	1/31/1999 24 hr
PINEGEN	407489	5403106	0.02311	330	330	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	407489	5404106	0.02232	332	332	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	407489	5405106	0.02712	334	334	0	MONTH	PIT	1ST	12/31/2000 24 hr
PINEGEN	407489	5406106	0.03428	334	334	0	MONTH	PIT	1ST	12/31/2000 24 hr
PINEGEN	407489	5407106	0.02301	341	341	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	407489	5408106	0.02499	342	342	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	407489	5409106	0.02333	345	345	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	407489	5410106	0.02258	348	348	0	MONTH	PIT	1ST	9/30/1996 24 hr
PINEGEN	407489	5411106	0.02255	351	351	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	407489	5412106	0.03274	358	358	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	407489	5413106	0.02172	359.74	359.74	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	407489	5414106	0.0217	368	368	0	MONTH	PIT	1ST	1/31/2000 24 hr
PINEGEN	407489	5415106	0.01672	358.6	358.6	0	MONTH	PIT	1ST	12/31/1997 24 hr
PINEGEN	407489	5416106	0.01653	366	366	0	MONTH	PIT	1ST	12/31/1997 24 hr
PINEGEN	407489	5417106	0.02109	346	346	0	MONTH	PIT	1ST	12/31/1997 24 hr
PINEGEN	406489	5402106	0.0219	338	338	0	MONTH	PIT	1ST	1/31/1999 24 hr
PINEGEN	406489	5403106	0.02185	331	331	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	406489	5404106	0.01932	332.01	341	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	406489	5405106	0.02908	338	338	0	MONTH	PIT	1ST	12/31/2000 24 hr
PINEGEN	406489	5406106	0.02897	341	341	0	MONTH	PIT	1ST	12/31/2000 24 hr
PINEGEN	406489	5407106	0.02036	344	344	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	406489	5408106	0.02332	346	346	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	406489	5409106	0.02107	349	349	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	406489	5410106	0.02089	356	356	0	MONTH	PIT	1ST	9/30/1996 24 hr
PINEGEN	406489	5411106	0.01982	361	361	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	406489	5412106	0.03331	364	364	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	406489	5413106	0.02136	361	361	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	406489	5414106	0.01774	358.62	358.62	0	MONTH	PIT	1ST	1/31/2000 24 hr
PINEGEN	406489	5415106	0.01458	349	349	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	406489	5416106	0.01651	350	350	0	MONTH	PIT	1ST	12/31/1997 24 hr
PINEGEN	406489	5417106	0.01853	342	342	0	MONTH	PIT	1ST	12/31/1997 24 hr
PINEGEN	405489	5402106	0.01899	339	339	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	405489	5403106	0.0199	334	334	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	405489	5404106	0.02014	334	334	0	MONTH	PIT	1ST	1/31/2000 24 hr
PINEGEN	405489	5405106	0.02952	338.46	338.46	0	MONTH	PIT	1ST	12/31/2000 24 hr
PINEGEN	405489	5406106	0.02407	341	341	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	405489	5407106	0.01926	342	342	0	MONTH	PIT	1ST	1/31/2000 24 hr
PINEGEN	405489	5408106	0.02175	343	343	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	405489	5409106	0.01909	344	344	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	405489	5410106	0.01938	353	353	0	MONTH	PIT	1ST	9/30/1996 24 hr
PINEGEN	405489	5411106	0.01649	362.66	362.66	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	405489	5412106	0.0313	366	366	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	405489	5413106	0.02116	360	360	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	405489	5414106	0.01558	351.67	351.67	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	405489	5415106	0.01388	345	345	0	MONTH	PIT	1ST	1/31/1998 24 hr
PINEGEN	405489	5416106	0.01522	349	349	0	MONTH	PIT	1ST	12/31/1997 24 hr
PINEGEN	405489	5417106	0.01589	343	343	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	420878	5414263	0.14412	376	376	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420878	5414283	0.14287	376	376	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420878	5414303	0.14154	376	376	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420878	5414323	0.14021	375.78	375.78	0	MONTH	PIT	1ST	1/31/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420878	5414343	0.13893	375.31	375.31	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420878	5414363	0.13756	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420878	5414383	0.13608	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420878	5414403	0.13459	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420878	5414423	0.13311	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420878	5414443	0.13163	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420898	5414263	0.14398	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420898	5414283	0.14264	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420898	5414303	0.14125	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420898	5414323	0.14004	375.29	375.29	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420898	5414343	0.13867	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420898	5414363	0.13719	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420898	5414383	0.13569	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420898	5414403	0.1342	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420898	5414423	0.13271	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420898	5414443	0.13125	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420918	5414263	0.1438	375.87	375.87	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420918	5414283	0.14266	375.03	375.03	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420918	5414303	0.14123	375.05	375.05	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420918	5414323	0.13978	375.02	375.02	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420918	5414343	0.1383	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420918	5414363	0.1368	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420918	5414383	0.1353	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420918	5414403	0.1338	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420918	5414423	0.13234	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420918	5414443	0.13091	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420938	5414263	0.1438	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420938	5414283	0.14237	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420938	5414303	0.14092	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420938	5414323	0.13943	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420938	5414343	0.13792	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420938	5414363	0.13641	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420938	5414383	0.13491	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420938	5414403	0.13343	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420938	5414423	0.13199	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420938	5414443	0.13059	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420958	5414263	0.14352	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420958	5414283	0.14206	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420958	5414303	0.14056	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420958	5414323	0.13905	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420958	5414343	0.13753	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420958	5414363	0.13602	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420958	5414383	0.13454	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420958	5414403	0.13308	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420958	5414423	0.13167	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420958	5414443	0.13032	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5414263	0.14321	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5414283	0.14171	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5414303	0.14019	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5414323	0.13867	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5414343	0.13715	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5414363	0.13566	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5414383	0.13419	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5414403	0.13276	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5414423	0.1314	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5414443	0.13009	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420998	5414263	0.14296	374.77	374.77	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420998	5414283	0.14143	374.8	374.8	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420998	5414303	0.13983	374.98	374.98	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420998	5414323	0.13829	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420998	5414343	0.13679	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420998	5414363	0.1353	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420998	5414383	0.13387	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420998	5414403	0.13249	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420998	5414423	0.13117	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420998	5414443	0.12992	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421018	5414263	0.1429	374	374	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421018	5414283	0.14138	374.03	374.03	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421018	5414303	0.13969	374.46	374.46	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421018	5414323	0.13798	374.9	374.9	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421018	5414343	0.13643	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421018	5414363	0.13499	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421018	5414383	0.13359	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421018	5414403	0.13226	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421018	5414423	0.131	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421018	5414443	0.12982	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421038	5414263	0.1425	374.17	374.17	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421038	5414283	0.1407	374.82	374.82	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421038	5414303	0.13918	374.81	374.81	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421038	5414323	0.1376	374.96	374.96	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421038	5414343	0.13612	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421038	5414363	0.13471	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421038	5414383	0.13336	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421038	5414403	0.13209	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421038	5414423	0.13089	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421038	5414443	0.12977	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421058	5414263	0.14179	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421058	5414283	0.14025	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421058	5414303	0.13874	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421058	5414323	0.13727	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421058	5414343	0.13584	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421058	5414363	0.13448	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421058	5414383	0.13319	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421058	5414403	0.13197	375.01	375.01	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421058	5414423	0.13084	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421058	5414443	0.1298	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5414263	0.14143	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5414283	0.13991	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5414303	0.13842	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5414323	0.13699	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5414343	0.13545	375.26	375.26	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5414363	0.13407	375.37	375.37	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5414383	0.13285	375.35	375.35	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5414403	0.13159	375.51	375.51	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5414423	0.13021	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5414443	0.12924	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421098	5414263	0.14099	375.19	375.19	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421098	5414283	0.13917	375.75	375.75	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421098	5414303	0.13771	375.73	375.73	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421098	5414323	0.13632	375.71	375.71	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421098	5414343	0.13485	375.91	375.91	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421098	5414363	0.13353	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421098	5414383	0.13236	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421098	5414403	0.13128	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421098	5414423	0.1303	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421098	5414443	0.12942	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421118	5414263	0.1402	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421118	5414283	0.13871	376.01	376.01	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421118	5414303	0.13727	376.04	376.04	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421118	5414323	0.13592	376.02	376.02	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421118	5414343	0.13465	376.01	376.01	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421118	5414363	0.13347	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421118	5414383	0.13208	376.42	376.42	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421118	5414403	0.13071	376.95	376.95	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421118	5414423	0.12983	376.93	376.93	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421118	5414443	0.12905	376.91	376.91	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421138	5414263	0.13966	376.39	376.39	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421138	5414283	0.13817	376.45	376.45	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421138	5414303	0.13641	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421138	5414323	0.1351	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421138	5414343	0.13389	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421138	5414363	0.13277	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421138	5414383	0.13167	377.12	377.12	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421138	5414403	0.13065	377.26	377.26	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421138	5414423	0.12986	377.24	377.24	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421138	5414443	0.12917	377.22	377.22	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421158	5414263	0.13898	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421158	5414283	0.13758	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421158	5414303	0.13625	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421158	5414323	0.13462	377.56	377.56	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421158	5414343	0.13343	377.62	377.62	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421158	5414363	0.13241	377.61	377.61	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421158	5414383	0.13135	377.78	377.78	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421158	5414403	0.13037	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421158	5414423	0.12966	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421158	5414443	0.12906	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5414263	0.13854	377.3	377.3	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5414283	0.13669	377.99	377.99	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5414303	0.13545	377.97	377.97	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5414323	0.13428	377.99	377.99	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5414343	0.13322	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5414363	0.13226	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5414383	0.13112	378.42	378.42	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5414403	0.13006	378.88	378.88	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5414423	0.12947	378.86	378.86	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5414443	0.12897	378.84	378.84	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421198	5414263	0.13786	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421198	5414283	0.13659	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421198	5414303	0.1354	378.01	378.01	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421198	5414323	0.13416	378.23	378.23	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421198	5414343	0.13273	378.82	378.82	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421198	5414363	0.13176	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421198	5414383	0.13103	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421198	5414403	0.13035	379.06	379.06	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421198	5414423	0.12975	379.17	379.17	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421198	5414443	0.12936	379.15	379.15	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421218	5414263	0.1376	378.2	378.2	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421218	5414283	0.13609	378.61	378.61	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421218	5414303	0.135	378.6	378.6	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421218	5414323	0.13373	378.96	378.96	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421218	5414343	0.13285	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421218	5414363	0.1321	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421218	5414383	0.13126	379.25	379.25	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421218	5414403	0.1304	379.68	379.68	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421218	5414423	0.12976	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421218	5414443	0.12945	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421238	5414263	0.13697	378.96	378.96	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421238	5414283	0.13582	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421238	5414303	0.13483	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421238	5414323	0.13395	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421238	5414343	0.13318	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421238	5414363	0.1321	379.54	379.54	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421238	5414383	0.13127	379.91	379.91	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421238	5414403	0.13079	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421238	5414423	0.13033	380.18	380.18	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421238	5414443	0.12974	380.69	380.69	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421258	5414263	0.13697	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421258	5414283	0.13592	379.05	379.05	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421258	5414303	0.13486	379.26	379.26	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421258	5414323	0.13352	379.94	379.94	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421258	5414343	0.13281	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421258	5414363	0.13226	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421258	5414383	0.13177	380.07	380.07	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421258	5414403	0.13115	380.45	380.45	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421258	5414423	0.13051	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421258	5414443	0.13037	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421278	5414263	0.13712	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421278	5414283	0.13603	379.21	379.21	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421278	5414303	0.13458	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421278	5414323	0.13389	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421278	5414343	0.13333	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421278	5414363	0.13264	380.31	380.31	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421278	5414383	0.13196	380.74	380.74	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421278	5414403	0.13152	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421278	5414423	0.1313	381.1	381.1	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421278	5414443	0.13106	381.34	381.34	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421298	5414263	0.13709	379.31	379.31	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421298	5414283	0.13579	379.88	379.88	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421298	5414303	0.13499	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421298	5414323	0.13441	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421298	5414343	0.13394	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421298	5414363	0.13305	380.68	380.68	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421298	5414383	0.13255	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421298	5414403	0.13216	381.3	381.3	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421298	5414423	0.13173	381.79	381.79	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421298	5414443	0.13161	381.96	381.96	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421318	5414263	0.13734	379.38	379.38	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421318	5414283	0.13611	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421318	5414303	0.13551	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421318	5414323	0.13502	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421318	5414343	0.13399	380.83	380.83	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421318	5414363	0.13358	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421318	5414383	0.13298	381.56	381.56	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421318	5414403	0.13256	382.02	382.02	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421318	5414423	0.13256	382.02	382.02	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421318	5414443	0.13262	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421338	5414263	0.13775	379.39	379.39	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421338	5414283	0.13662	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421338	5414303	0.13611	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421338	5414323	0.13571	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421338	5414343	0.13476	380.84	380.84	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421338	5414363	0.13424	381.27	381.27	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421338	5414383	0.13379	381.73	381.73	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421338	5414403	0.13326	382.43	382.43	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421338	5414423	0.1329	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421338	5414443	0.13301	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421358	5414263	0.13824	379.4	379.4	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421358	5414283	0.13722	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421358	5414303	0.13672	380.1	380.1	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421358	5414323	0.13591	380.73	380.73	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421358	5414343	0.13552	380.96	380.96	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421358	5414363	0.13483	381.72	381.72	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421358	5414383	0.13429	382.39	382.39	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421358	5414403	0.13403	382.81	382.81	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421358	5414423	0.13385	383.2	383.2	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421358	5414443	0.1337	383.62	383.62	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421378	5414263	0.13881	379.41	379.41	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421378	5414283	0.1379	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421378	5414303	0.13757	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421378	5414323	0.13731	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421378	5414343	0.13651	380.87	380.87	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421378	5414363	0.13581	381.73	381.73	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421378	5414383	0.1352	382.59	382.59	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421378	5414403	0.13466	383.44	383.44	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421378	5414423	0.13442	383.97	383.97	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421378	5414443	0.13457	384	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421398	5414263	0.13961	379.25	379.25	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421398	5414283	0.13888	379.72	379.72	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421398	5414303	0.13839	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421398	5414323	0.13819	380.01	380.01	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421398	5414343	0.13747	380.88	380.88	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421398	5414363	0.13683	381.74	381.74	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421398	5414383	0.13627	382.61	382.61	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421398	5414403	0.13567	383.6	383.6	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421398	5414423	0.13518	384.5	384.5	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421398	5414443	0.13498	385.05	385.05	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421418	5414263	0.14054	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421418	5414283	0.14001	379.3	379.3	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421418	5414303	0.13929	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421418	5414323	0.13913	380.03	380.03	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421418	5414343	0.13848	380.89	380.89	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421418	5414363	0.13789	381.75	381.75	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421418	5414383	0.13711	382.99	382.99	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421418	5414403	0.13633	384.27	384.27	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421418	5414423	0.13583	385.2	385.2	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421418	5414443	0.13571	385.64	385.64	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421438	5414263	0.14101	379.46	379.46	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421438	5414283	0.14039	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421438	5414303	0.14024	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421438	5414323	0.14012	380.04	380.04	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421438	5414343	0.13952	380.9	380.9	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421438	5414363	0.13849	382.48	382.48	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421438	5414383	0.13781	383.6	383.6	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421438	5414403	0.13701	384.93	384.93	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421438	5414423	0.13623	386.23	386.23	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421438	5414443	0.13594	386.86	386.86	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421458	5414263	0.1415	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421458	5414283	0.14134	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421458	5414303	0.14111	380.19	380.19	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421458	5414323	0.14048	381.05	381.05	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421458	5414343	0.13992	381.91	381.91	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421458	5414363	0.13927	382.97	382.97	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421458	5414383	0.13841	384.36	384.36	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421458	5414403	0.13766	385.61	385.61	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421458	5414423	0.13713	386.55	386.55	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421458	5414443	0.13665	387.4	387.4	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421478	5414263	0.14245	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421478	5414283	0.14219	380.21	380.21	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421478	5414303	0.14172	380.81	380.81	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421478	5414323	0.14115	381.65	381.65	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421478	5414343	0.14063	382.5	382.5	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421478	5414363	0.13989	383.7	383.7	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421478	5414383	0.1391	385	385	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421478	5414403	0.1383	386.28	386.28	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421478	5414423	0.13761	387.38	387.38	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421478	5414443	0.13707	388.24	388.24	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421498	5414263	0.14277	380.95	380.95	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421498	5414283	0.14248	381.28	381.28	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421498	5414303	0.14203	381.93	381.93	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421498	5414323	0.14193	382.14	382.14	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421498	5414343	0.14088	383.76	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421498	5414363	0.14035	384.66	384.66	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421498	5414383	0.13979	385.61	385.61	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421498	5414403	0.1389	386.96	386.96	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421498	5414423	0.13805	388.2	388.2	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421498	5414443	0.13746	389.04	389.04	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421518	5414263	0.14343	381.5	381.5	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421518	5414283	0.14299	382.09	382.09	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421518	5414303	0.14278	382.45	382.45	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421518	5414323	0.14226	383.29	383.29	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421518	5414343	0.14175	384.14	384.14	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421518	5414363	0.14125	384.98	384.98	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421518	5414383	0.14031	386.4	386.4	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421518	5414403	0.13952	387.54	387.54	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421518	5414423	0.13892	388.4	388.4	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421518	5414443	0.13824	389.27	389.27	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421538	5414263	0.14431	381.79	381.79	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421538	5414283	0.14391	382.37	382.37	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421538	5414303	0.14335	383.24	383.24	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421538	5414323	0.14281	384.1	384.1	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421538	5414343	0.14228	384.96	384.96	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421538	5414363	0.14173	385.83	385.83	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421538	5414383	0.14115	386.69	386.69	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421538	5414403	0.14054	387.55	387.55	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421538	5414423	0.13986	388.42	388.42	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421538	5414443	0.13921	389.17	389.17	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421558	5414263	0.14494	382.46	382.46	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421558	5414283	0.14466	382.91	382.91	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421558	5414303	0.14447	383.25	383.25	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421558	5414323	0.14393	384.11	384.11	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421558	5414343	0.14337	384.98	384.98	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421558	5414363	0.14278	385.84	385.84	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421558	5414383	0.14217	386.7	386.7	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421558	5414403	0.14148	387.57	387.57	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421558	5414423	0.14098	388.12	388.12	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421558	5414443	0.14054	388.5	388.5	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421578	5414263	0.14602	382.53	382.53	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421578	5414283	0.14544	383.4	383.4	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421578	5414303	0.14506	384	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421578	5414323	0.14501	384.12	384.12	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421578	5414343	0.14441	384.99	384.99	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421578	5414363	0.14379	385.85	385.85	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421578	5414383	0.14314	386.66	386.66	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421578	5414403	0.1428	386.98	386.98	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421578	5414423	0.14231	387.42	387.42	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421578	5414443	0.14165	387.98	387.98	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421598	5414263	0.14712	382.55	382.55	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421598	5414283	0.14655	383.41	383.41	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421598	5414303	0.14615	384	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421598	5414323	0.14604	384.14	384.14	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421598	5414343	0.14541	385	385	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421598	5414363	0.14497	385.51	385.51	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421598	5414383	0.14457	385.89	385.89	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421598	5414403	0.14403	386.37	386.37	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421598	5414423	0.14357	386.65	386.65	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421598	5414443	0.14313	386.77	386.77	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421618	5414263	0.14822	382.56	382.56	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421618	5414283	0.14762	383.42	383.42	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421618	5414303	0.1472	384	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421618	5414323	0.14703	384.15	384.15	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421618	5414343	0.14635	385	385	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421618	5414363	0.14618	385	385	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421618	5414383	0.1458	385.23	385.23	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421618	5414403	0.14518	385.73	385.73	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421618	5414423	0.14463	386	386	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421618	5414443	0.14411	386.12	386.12	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421638	5414263	0.14928	382.57	382.57	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421638	5414283	0.14893	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421638	5414303	0.14864	383.3	383.3	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421638	5414323	0.14806	384	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421638	5414343	0.14785	384.02	384.02	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421638	5414363	0.14706	384.87	384.87	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421638	5414383	0.14666	385	385	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421638	5414403	0.14627	385.01	385.01	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421638	5414423	0.14579	385.03	385.03	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421638	5414443	0.14523	385.05	385.05	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421658	5414263	0.1503	382.58	382.58	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421658	5414283	0.14991	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421658	5414303	0.14964	383.19	383.19	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421658	5414323	0.14911	383.7	383.7	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421658	5414343	0.14865	384	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421658	5414363	0.14831	384	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421658	5414383	0.1479	384	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421658	5414403	0.14741	384	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421658	5414423	0.14685	384	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421658	5414443	0.14621	384	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421678	5414263	0.15127	382.59	382.59	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421678	5414283	0.15084	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421678	5414303	0.15061	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421678	5414323	0.15028	383.06	383.06	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421678	5414343	0.14975	383.34	383.34	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421678	5414363	0.14931	383.36	383.36	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421678	5414383	0.1488	383.38	383.38	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421678	5414403	0.14821	383.4	383.4	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421678	5414423	0.14754	383.41	383.41	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421678	5414443	0.14681	383.43	383.43	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421698	5414263	0.15219	382.61	382.61	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421698	5414283	0.15171	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421698	5414303	0.1514	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421698	5414323	0.15102	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421698	5414343	0.15058	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421698	5414363	0.15006	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421698	5414383	0.14947	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421698	5414403	0.1488	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421698	5414423	0.14806	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421698	5414443	0.14742	382.67	382.67	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421718	5414263	0.15297	382.75	382.75	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421718	5414283	0.1525	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421718	5414303	0.15211	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421718	5414323	0.15166	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421718	5414343	0.15113	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421718	5414363	0.15053	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421718	5414383	0.14995	382.81	382.81	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421718	5414403	0.14922	382.78	382.78	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421718	5414423	0.1486	382.38	382.38	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421718	5414443	0.14789	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421738	5414263	0.15362	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421738	5414283	0.15322	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421738	5414303	0.15275	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421738	5414323	0.15222	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421738	5414343	0.15161	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421738	5414363	0.15092	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421738	5414383	0.15057	382.19	382.19	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421738	5414403	0.14983	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421738	5414423	0.14894	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421738	5414443	0.14807	381.8	381.8	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421758	5414263	0.15373	383.97	383.97	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421758	5414283	0.15329	383.95	383.95	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421758	5414303	0.15297	383.59	383.59	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421758	5414323	0.1527	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421758	5414343	0.152	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421758	5414363	0.15123	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421758	5414383	0.15081	382.18	382.18	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421758	5414403	0.14999	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421758	5414423	0.14923	381.55	381.55	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421758	5414443	0.1484	381.12	381.12	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421778	5414263	0.15418	384.28	384.28	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421778	5414283	0.15366	384.26	384.26	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421778	5414303	0.15311	384.15	384.15	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421778	5414323	0.15262	383.81	383.81	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421778	5414343	0.15221	383.18	383.18	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421778	5414363	0.15146	383.01	383.01	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421778	5414383	0.15091	382.3	382.3	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421778	5414403	0.15006	382.04	382.04	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421778	5414423	0.1493	381.44	381.44	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421778	5414443	0.14841	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421798	5414263	0.15385	385.59	385.59	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421798	5414283	0.15347	385.27	385.27	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421798	5414303	0.15308	384.82	384.82	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421798	5414323	0.15258	384.39	384.39	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421798	5414343	0.15201	383.94	383.94	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421798	5414363	0.15134	383.5	383.5	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421798	5414383	0.15059	383.07	383.07	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421798	5414403	0.14995	382.29	382.29	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421798	5414423	0.14914	381.68	381.68	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421798	5414443	0.14819	381.24	381.24	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421818	5414263	0.15382	386.29	386.29	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421818	5414283	0.1534	385.93	385.93	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421818	5414303	0.15292	385.51	385.51	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421818	5414323	0.15244	384.96	384.96	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421818	5414343	0.15168	384.71	384.71	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421818	5414363	0.15113	384	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421818	5414383	0.15057	383.14	383.14	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421818	5414403	0.14962	382.83	382.83	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421818	5414423	0.14872	382.31	382.31	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421818	5414443	0.14788	381.55	381.55	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421838	5414263	0.15351	387.2	387.2	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421838	5414283	0.15275	387.19	387.19	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421838	5414303	0.15224	386.75	386.75	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421838	5414323	0.15197	385.87	385.87	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421838	5414343	0.15149	385.11	385.11	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421838	5414363	0.15051	384.99	384.99	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421838	5414383	0.14993	384.13	384.13	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421838	5414403	0.14926	383.26	383.26	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421838	5414423	0.1485	382.4	382.4	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421838	5414443	0.14765	381.54	381.54	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421858	5414263	0.15272	388.51	388.51	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421858	5414283	0.15213	388.21	388.21	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421858	5414303	0.15157	387.78	387.78	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421858	5414323	0.15106	387.17	387.17	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421858	5414343	0.15067	386.28	386.28	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421858	5414363	0.15016	385.4	385.4	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421858	5414383	0.14955	384.52	384.52	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421858	5414403	0.14885	383.64	383.64	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421858	5414423	0.14807	382.76	382.76	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421858	5414443	0.1472	381.87	381.87	0 MONTH	PIT	1ST		1/31/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421878	5414263	0.15175	389.82	389.82	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421878	5414283	0.15138	389.23	389.23	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421878	5414303	0.15108	388.44	388.44	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421878	5414323	0.15063	387.69	387.69	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421878	5414343	0.15007	386.96	386.96	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421878	5414363	0.14908	386.7	386.7	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421878	5414383	0.14848	385.82	385.82	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421878	5414403	0.14813	384.41	384.41	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421878	5414423	0.14741	383.38	383.38	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421878	5414443	0.14933	382.51	382.51	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421898	5414263	0.15167	390.04	390.04	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421898	5414283	0.15071	390	390	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421898	5414303	0.15007	389.55	389.55	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421898	5414323	0.14968	388.71	388.71	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421898	5414343	0.14919	387.88	387.88	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421898	5414363	0.14864	387	387	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421898	5414383	0.148	386.11	386.11	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421898	5414403	0.14727	385.23	385.23	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421898	5414423	0.14914	384.35	384.35	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421898	5414443	0.15208	383.47	383.47	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421918	5414263	0.15119	390.59	390.59	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421918	5414283	0.15053	390.17	390.17	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421918	5414303	0.14981	389.72	389.72	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421918	5414323	0.14903	389.26	389.26	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421918	5414343	0.14811	388.88	388.88	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421918	5414363	0.14731	388.29	388.29	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421918	5414383	0.14668	387.41	387.41	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421918	5414403	0.14837	386.53	386.53	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421918	5414423	0.15164	385.46	385.46	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421918	5414443	0.15508	384.12	384.12	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421938	5414263	0.15075	391	391	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421938	5414283	0.14976	390.84	390.84	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421938	5414303	0.14901	390.37	390.37	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421938	5414323	0.1482	389.9	389.9	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421938	5414343	0.14722	389.54	389.54	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421938	5414363	0.14641	388.93	388.93	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421938	5414383	0.14807	388.07	388.07	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421938	5414403	0.15123	387.2	387.2	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421938	5414423	0.15461	386.08	386.08	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421938	5414443	0.15777	385.06	385.06	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421958	5414263	0.15064	391	391	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421958	5414283	0.14942	391	391	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421958	5414303	0.14814	391	391	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421958	5414323	0.14683	391	391	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421958	5414343	0.14569	390.77	390.77	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421958	5414363	0.14725	389.89	389.89	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421958	5414383	0.15055	389	389	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421958	5414403	0.15378	388.12	388.12	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421958	5414423	0.15693	387.24	387.24	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421958	5414443	0.16042	385.88	388	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421978	5414263	0.15045	391	391	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421978	5414283	0.14917	391	391	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421978	5414303	0.14783	391	391	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421978	5414323	0.14645	391	391	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421978	5414343	0.14719	391	391	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421978	5414363	0.14949	390.91	390.91	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421978	5414383	0.15282	390.04	390.04	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421978	5414403	0.15581	389.38	389.38	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421978	5414423	0.15915	388.39	388.39	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421978	5414443	0.16281	387.02	387.02	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421998	5414263	0.15034	390.86	390.86	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421998	5414283	0.14885	391	391	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421998	5414303	0.14745	391	391	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421998	5414323	0.14862	391	391	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421998	5414343	0.15082	391	391	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421998	5414363	0.15303	390.96	390.96	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421998	5414383	0.15569	390.58	390.58	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421998	5414403	0.15845	390.09	390.09	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421998	5414423	0.16196	388.98	388.98	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421998	5414443	0.16557	387.67	387.67	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422018	5414263	0.15009	390.8	390.8	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	422018	5414283	0.14846	391	391	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	422018	5414303	0.15007	391	391	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422018	5414323	0.15228	391	391	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422018	5414343	0.15446	391	391	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422018	5414363	0.15659	391	391	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422018	5414383	0.15868	391	391	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422018	5414403	0.16191	390.16	390.16	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422018	5414423	0.16507	389.29	389.29	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422018	5414443	0.1688	387.86	387.86	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422038	5414263	0.15069	390	390	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422038	5414283	0.15199	390.68	390.68	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422038	5414303	0.15376	391	391	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422038	5414323	0.15595	391	391	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422038	5414343	0.1581	391	391	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422038	5414363	0.1602	391	391	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422038	5414383	0.16224	391	391	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422038	5414403	0.16524	390.29	390.29	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422038	5414423	0.16834	389.43	389.43	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422038	5414443	0.17195	387.96	390	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422058	5414243	0.15223	389.96	389.96	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422058	5414263	0.15445	390	390	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422058	5414283	0.1563	390.28	390.28	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422058	5414303	0.15783	390.75	390.75	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422058	5414323	0.15963	391	391	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422058	5414343	0.16174	391	391	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422058	5414363	0.16378	391	391	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422058	5414383	0.16576	391	391	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422058	5414403	0.16767	391	391	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422058	5414423	0.17056	390.27	390.27	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422058	5414443	0.1743	388.81	388.81	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5414243	0.15726	389.07	389.07	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5414263	0.15845	389.85	389.85	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5414283	0.16046	390	390	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5414303	0.16254	390.07	390.07	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5414323	0.16402	390.51	390.51	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5414343	0.16534	391	391	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5414363	0.16732	391	391	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5414383	0.16924	390.99	390.99	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5414403	0.17207	390.31	390.31	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5414423	0.17416	390.06	390.06	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5414443	0.17755	388.79	388.79	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422098	5414243	0.16156	388.74	388.74	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422098	5414263	0.16349	388.97	388.97	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422098	5414283	0.16484	389.57	389.57	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422098	5414303	0.16646	389.92	389.92	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422098	5414323	0.16841	390	390	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422098	5414343	0.17001	390.26	390.26	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422098	5414363	0.17123	390.72	390.72	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422098	5414383	0.17411	390	390	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422098	5414403	0.17583	390	390	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422098	5414423	0.17853	389.24	389.24	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422098	5414443	0.18119	388.38	388.38	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422118	5414243	0.16716	387.45	387.45	0 MONTH	PIT	1ST		1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422118	5414263	0.16819	388.33	388.33	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422118	5414283	0.17011	388.49	388.49	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422118	5414303	0.17134	389.09	389.09	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422118	5414323	0.17271	389.52	389.52	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422118	5414343	0.17458	389.54	389.54	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422118	5414363	0.17636	389.56	389.56	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422118	5414383	0.17804	389.58	389.58	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422118	5414403	0.17962	389.6	389.6	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422118	5414423	0.18217	388.85	388.85	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422118	5414443	0.18466	388	388	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422138	5414243	0.17162	387	387	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422138	5414263	0.17358	387.14	387.14	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422138	5414283	0.17481	387.78	387.78	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422138	5414303	0.17633	388.12	388.12	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422138	5414323	0.1776	388.58	388.58	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422138	5414343	0.17881	389	389	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422138	5414363	0.1805	389	389	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422138	5414383	0.18215	388.96	388.96	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422138	5414403	0.18447	388.35	388.35	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422138	5414423	0.18618	388.07	388.07	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422138	5414443	0.1883	387.36	387.36	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422158	5414243	0.17693	385.84	385.84	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422158	5414263	0.17883	385.98	385.98	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422158	5414283	0.17998	386.65	386.65	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422158	5414303	0.18147	386.96	386.96	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422158	5414323	0.18264	387.43	387.43	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422158	5414343	0.18367	387.92	387.92	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422158	5414363	0.18521	387.94	387.94	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422158	5414383	0.18664	387.96	387.96	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422158	5414403	0.18794	387.98	387.98	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422158	5414423	0.19013	387.2	387.2	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422158	5414443	0.19219	386.36	386.36	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5414243	0.18226	384.56	384.56	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5414263	0.18322	385.44	385.44	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5414283	0.18495	385.56	385.56	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5414303	0.18594	386.2	386.2	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5414323	0.1871	386.6	386.6	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5414343	0.18863	386.61	386.61	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5414363	0.19003	386.63	386.63	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5414383	0.1913	386.65	386.65	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5414403	0.19244	386.67	386.67	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5414423	0.19409	386.13	386.13	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5414443	0.19533	385.8	385.8	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422198	5414243	0.18744	383.26	383.26	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422198	5414263	0.18836	384.14	384.14	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422198	5414283	0.18933	384.83	384.83	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422198	5414303	0.19058	385.17	385.17	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422198	5414323	0.19197	385.29	385.29	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422198	5414343	0.19305	385.56	385.56	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422198	5414363	0.19378	386	386	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422198	5414383	0.19498	385.94	385.94	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422198	5414403	0.19659	385.39	385.39	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422198	5414423	0.19743	385.38	385.38	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422198	5414443	0.19837	385.13	385.13	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422218	5414243	0.19147	382.91	382.91	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422218	5414263	0.19312	382.99	382.99	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422218	5414283	0.19396	383.74	383.74	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422218	5414303	0.19517	383.99	383.99	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422218	5414323	0.19599	384.5	384.5	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422218	5414343	0.19667	385	385	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422218	5414363	0.19774	385.01	385.01	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422218	5414383	0.19867	385.03	385.03	0 MONTH	PIT	1ST		1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422218	5414403	0.19949	385	385	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422218	5414423	0.20013	385	385	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422218	5414443	0.20125	384.37	384.37	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422238	5414243	0.19622	381.67	381.67	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422238	5414263	0.19698	382.55	382.55	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422238	5414283	0.19837	382.63	382.63	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422238	5414303	0.19901	383.31	383.31	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422238	5414323	0.19985	383.67	383.67	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422238	5414343	0.20075	383.81	383.81	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422238	5414363	0.20146	384	384	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422238	5414383	0.20221	384	384	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422238	5414403	0.20279	384	384	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422238	5414423	0.20341	383.8	383.8	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422238	5414443	0.20369	383.78	383.78	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422258	5414243	0.20022	381.02	381.02	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422258	5414263	0.20142	381.29	381.29	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422258	5414283	0.2022	381.87	381.87	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422258	5414303	0.20302	382.23	382.23	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422258	5414323	0.20359	382.7	382.7	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422258	5414343	0.20403	383.15	383.15	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422258	5414363	0.2045	383.4	383.4	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422258	5414383	0.20503	383.41	383.41	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422258	5414403	0.20539	383.43	383.43	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422258	5414423	0.20593	383.07	383.07	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422258	5414443	0.20602	383	383	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5414243	0.20425	380.09	380.09	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5414263	0.20482	380.96	380.96	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5414283	0.20588	381.01	381.01	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5414303	0.20628	381.69	381.69	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5414323	0.2068	382.03	382.03	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5414343	0.20742	382.07	382.07	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5414363	0.20789	382.09	382.09	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5414383	0.20819	382.11	382.11	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5414403	0.20834	382.12	382.12	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5414423	0.20831	382.14	382.14	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5414443	0.2081	382.16	382.16	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422298	5414243	0.20739	380.07	380.07	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422298	5414263	0.208	380.67	380.67	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422298	5414283	0.20871	380.95	380.95	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422298	5414303	0.20943	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422298	5414323	0.20971	381.41	381.41	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422298	5414343	0.20988	381.76	381.76	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422298	5414363	0.21013	381.78	381.78	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422298	5414383	0.21023	381.8	381.8	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422298	5414403	0.21016	381.81	381.81	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422298	5414423	0.2099	381.83	381.83	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422298	5414443	0.20948	381.85	381.85	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422318	5414243	0.21038	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422318	5414263	0.21127	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422318	5414283	0.21175	380.33	380.33	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422318	5414303	0.21194	380.83	380.83	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422318	5414323	0.21221	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422318	5414343	0.21243	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422318	5414363	0.21248	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422318	5414383	0.21236	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422318	5414403	0.21206	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422318	5414423	0.21159	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422318	5414443	0.21095	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422338	5414243	0.21314	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422338	5414263	0.21382	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422338	5414283	0.21433	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422338	5414303	0.21461	380.08	380.08	0 MONTH	PIT	1ST		1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422338	5414323	0.21476	380.12	380.12	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422338	5414343	0.21474	380.14	380.14	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422338	5414363	0.21454	380.16	380.16	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422338	5414383	0.21417	380.18	380.18	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422338	5414403	0.21361	380.23	380.23	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422338	5414423	0.21249	380.92	380.92	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422338	5414443	0.21157	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422358	5414243	0.21627	379.1	379.1	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422358	5414263	0.21631	379.76	379.76	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422358	5414283	0.21646	379.97	379.97	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422358	5414303	0.21658	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422358	5414323	0.21653	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422358	5414343	0.21629	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422358	5414363	0.21588	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422358	5414383	0.2153	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422358	5414403	0.21455	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422358	5414423	0.21362	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422358	5414443	0.21252	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	420878	5414493	0.12809	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420878	5414543	0.12489	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420878	5414593	0.12194	375.35	375.35	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420878	5414643	0.1177	378.49	378.49	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420878	5414693	0.11515	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420878	5414743	0.11366	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420878	5414793	0.11284	381.99	381.99	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420878	5414843	0.11306	382.15	382.15	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420878	5414893	0.11321	383.07	383.07	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420878	5414943	0.11358	384	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420878	5414993	0.11439	384	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420878	5415043	0.11488	384.35	384.35	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420878	5415093	0.11495	385	385	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420878	5415143	0.11471	385.5	385.5	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420878	5415193	0.11402	386	386	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420928	5414493	0.12745	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420928	5414543	0.12463	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420928	5414593	0.1221	375.38	375.38	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420928	5414643	0.11904	377.54	377.54	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420928	5414693	0.11715	378.93	378.93	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420928	5414743	0.11612	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420928	5414793	0.11568	381.02	381.02	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420928	5414843	0.11568	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420928	5414893	0.11593	382.96	382.96	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420928	5414943	0.11664	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420928	5414993	0.11716	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420928	5415043	0.11736	383.07	383.07	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420928	5415093	0.11717	383.13	383.13	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420928	5415143	0.11629	384.17	384.17	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420928	5415193	0.11501	385.06	385.06	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5414493	0.12717	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5414543	0.12479	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5414593	0.12274	375.41	375.41	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5414643	0.12085	376.57	376.57	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5414693	0.119	378.73	378.73	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5414743	0.11835	379.89	379.89	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5414793	0.11817	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5414843	0.11844	381.7	381.7	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5414893	0.11892	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5414943	0.11937	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5414993	0.11958	381.76	381.76	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5415043	0.11932	381.81	381.81	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5415093	0.11865	381.85	381.85	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420978	5415143	0.11734	382.92	382.92	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420978	5415193	0.1156	383.96	383.96	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421028	5414493	0.12731	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421028	5414543	0.12542	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421028	5414593	0.12409	375.05	375.05	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421028	5414643	0.12245	376.6	376.6	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421028	5414693	0.12159	377.81	377.81	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421028	5414743	0.12108	379.24	379.24	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421028	5414793	0.12114	380.08	380.08	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421028	5414843	0.12126	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421028	5414893	0.12162	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421028	5414943	0.12168	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421028	5414993	0.12146	380.63	380.63	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421028	5415043	0.12087	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421028	5415093	0.11965	380.59	380.59	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421028	5415143	0.11807	381.12	381.12	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421028	5415193	0.11597	382.35	382.35	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5414493	0.12727	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5414543	0.12591	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5414593	0.12509	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5414643	0.12472	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5414693	0.12389	377.79	377.79	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5414743	0.12367	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5414793	0.12366	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5414843	0.12389	380.08	380.08	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5414893	0.12387	380.12	380.12	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5414943	0.12353	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5414993	0.12277	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5415043	0.12162	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5415093	0.12011	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5415143	0.11824	380.22	380.22	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421078	5415193	0.11582	381.63	381.63	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421128	5414493	0.12779	376.91	376.91	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421128	5414543	0.12729	376.31	376.31	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421128	5414593	0.12702	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421128	5414643	0.1269	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421128	5414693	0.12659	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421128	5414743	0.12621	378.7	378.7	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421128	5414793	0.12603	379.79	379.79	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421128	5414843	0.12591	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421128	5414893	0.12554	379.85	379.85	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421128	5414943	0.12474	379.9	379.9	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421128	5414993	0.12371	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421128	5415043	0.12216	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421128	5415093	0.12029	379.09	379.09	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421128	5415143	0.11794	380.25	380.25	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421128	5415193	0.11533	381.41	381.41	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5414493	0.12869	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5414543	0.12862	377.46	377.46	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5414593	0.12884	376.84	376.84	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5414643	0.1292	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5414693	0.12898	376.85	376.85	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5414743	0.12881	377.44	377.44	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5414793	0.12847	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5414843	0.12786	378.53	378.53	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5414893	0.12699	378.58	378.58	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5414943	0.12581	378.22	378.22	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5414993	0.12417	378.54	378.54	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5415043	0.12219	378.99	378.99	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5415093	0.12002	379.12	379.12	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5415143	0.11741	380.28	380.28	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421178	5415193	0.11461	381.44	381.44	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421228	5414493	0.12966	379.77	379.77	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421228	5414543	0.13033	378.6	378.6	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421228	5414593	0.13074	377.99	377.99	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421228	5414643	0.13119	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421228	5414693	0.13116	376.88	376.88	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421228	5414743	0.13084	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421228	5414793	0.13025	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421228	5414843	0.12931	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421228	5414893	0.12802	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421228	5414943	0.12624	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421228	5414993	0.12431	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421228	5415043	0.12193	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421228	5415093	0.11952	379.15	379.15	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421228	5415143	0.11671	380.31	380.31	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421228	5415193	0.11935	381.47	381.47	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421278	5414493	0.13148	380.81	380.81	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421278	5414543	0.13216	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421278	5414593	0.1328	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421278	5414643	0.13313	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421278	5414693	0.13307	377.01	377.01	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421278	5414743	0.13245	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421278	5414793	0.13146	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421278	5414843	0.13012	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421278	5414893	0.12836	377.55	377.55	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421278	5414943	0.1263	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421278	5414993	0.12386	378.98	378.98	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421278	5415043	0.12142	379.02	379.02	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421278	5415093	0.11877	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421278	5415143	0.12273	380.09	380.09	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421278	5415193	0.12623	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421328	5414493	0.13345	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421328	5414543	0.13437	380.8	380.8	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421328	5414593	0.13489	379.7	379.7	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421328	5414643	0.13499	378.59	378.59	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421328	5414693	0.1345	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421328	5414743	0.13367	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421328	5414793	0.13228	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421328	5414843	0.13055	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421328	5414893	0.12834	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421328	5414943	0.1259	378.74	378.74	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421328	5414993	0.1231	379.9	379.9	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421328	5415043	0.1214	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421328	5415093	0.12549	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421328	5415143	0.12953	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421328	5415193	0.1332	380.53	380.53	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421378	5414493	0.13525	383.58	383.58	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421378	5414543	0.13612	382.34	382.34	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421378	5414593	0.13679	380.27	380.27	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421378	5414643	0.13656	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421378	5414693	0.13575	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421378	5414743	0.1345	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421378	5414793	0.13272	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421378	5414843	0.13059	377.25	377.25	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421378	5414893	0.1281	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421378	5414943	0.12532	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421378	5414993	0.12415	379.93	379.93	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421378	5415043	0.12829	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421378	5415093	0.1324	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421378	5415143	0.13623	380.28	380.28	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421378	5415193	0.13998	380.24	380.24	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421428	5414493	0.1365	385.79	385.79	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421428	5414543	0.13773	383.58	383.58	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421428	5414593	0.13817	381.31	381.31	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421428	5414643	0.1378	379.15	379.15	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421428	5414693	0.13659	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421428	5414743	0.13479	377.83	377.83	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421428	5414793	0.1328	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421428	5414843	0.13031	377.48	377.48	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421428	5414893	0.1276	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421428	5414943	0.12747	379	379	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421428	5414993	0.13119	379.96	379.96	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421428	5415043	0.13535	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421428	5415093	0.13921	380.28	380.28	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421428	5415143	0.14261	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421428	5415193	0.14602	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421478	5414493	0.13678	388.77	388.77	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421478	5414543	0.13806	386.26	388	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421478	5414593	0.13924	381.9	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421478	5414643	0.13866	379.12	379.12	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421478	5414693	0.13698	378.24	378.24	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421478	5414743	0.13482	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421478	5414793	0.13255	377.1	377.1	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421478	5414843	0.1298	377.51	377.51	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421478	5414893	0.13089	378	378	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421478	5414943	0.13468	379	379	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421478	5414993	0.13838	379.99	379.99	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421478	5415043	0.14241	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421478	5415093	0.14601	380.31	380.31	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421478	5415143	0.14906	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421478	5415193	0.15196	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421528	5414493	0.13777	390	390	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421528	5414543	0.13912	386.82	386.82	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421528	5414593	0.13987	382.5	382.5	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421528	5414643	0.13884	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421528	5414693	0.13685	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421528	5414743	0.13456	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421528	5414793	0.13182	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421528	5414843	0.13402	377.72	377.72	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421528	5414893	0.13826	378	378	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421528	5414943	0.14201	379	379	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421528	5414993	0.14555	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421528	5415043	0.1493	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421528	5415093	0.15247	380.34	380.34	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421528	5415143	0.15501	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421528	5415193	0.15726	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421578	5414493	0.14065	388.02	388.02	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421578	5414543	0.14079	385.45	385.45	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421578	5414593	0.14065	381.53	386	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421578	5414643	0.13916	379.06	379.06	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421578	5414693	0.13658	378.92	378.92	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421578	5414743	0.13402	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421578	5414793	0.13698	378	378	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421578	5414843	0.14143	378	378	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421578	5414893	0.14536	378.73	378.73	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421578	5414943	0.14928	379	379	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421578	5414993	0.15252	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421578	5415043	0.1558	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421578	5415093	0.15828	380.63	380.63	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421578	5415143	0.16028	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421578	5415193	0.16176	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421628	5414493	0.1433	385.26	385.26	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421628	5414543	0.14228	383.35	383.35	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421628	5414593	0.14082	381.19	381.19	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421628	5414643	0.13854	380.03	380.03	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421628	5414693	0.13597	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421628	5414743	0.14017	378	378	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421628	5414793	0.14447	378	378	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421628	5414843	0.14902	378	378	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421628	5414893	0.15262	378.97	378.97	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421628	5414943	0.15587	379.92	379.92	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421628	5414993	0.15906	380	380	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421628	5415043	0.16163	380.24	380.24	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421628	5415093	0.16336	381	381	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421628	5415143	0.1647	381	381	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421628	5415193	0.16498	381.89	381.89	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421678	5414493	0.14505	382.73	382.73	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	421678	5414543	0.14283	382.17	382.17	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	421678	5414593	0.14051	381.09	381.09	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	421678	5414643	0.13793	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	421678	5414693	0.1429	379	379	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421678	5414743	0.14807	378	378	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421678	5414793	0.15244	378	378	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421678	5414843	0.15641	378.13	378.13	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421678	5414893	0.15968	379	379	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421678	5414943	0.16242	379.96	379.96	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421678	5414993	0.16497	380	380	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421678	5415043	0.16649	381	381	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421678	5415093	0.1677	381	381	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421678	5415143	0.16793	381.59	381.59	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421678	5415193	0.16747	382	382	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421728	5414493	0.14579	381.09	381.09	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	421728	5414543	0.14319	380.47	380.47	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	421728	5414593	0.14078	380	380	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421728	5414643	0.14628	379	379	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421728	5414693	0.1511	378.81	378.81	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421728	5414743	0.15595	378	378	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421728	5414793	0.15999	378	378	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421728	5414843	0.16316	379	379	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421728	5414893	0.16624	379	379	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421728	5414943	0.1683	380	380	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421728	5414993	0.17003	380.14	380.14	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421728	5415043	0.17075	381	381	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421728	5415093	0.17099	381.11	381.11	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421728	5415143	0.17015	382	382	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421728	5415193	0.16885	382.12	382.12	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421778	5414493	0.14588	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	421778	5414543	0.14417	380	380	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421778	5414593	0.14972	379.1	379.1	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421778	5414643	0.15456	379	379	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421778	5414693	0.15951	378.09	378.09	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421778	5414743	0.1636	378	378	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421778	5414793	0.16698	378.42	378.42	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421778	5414843	0.16975	379	379	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421778	5414893	0.1717	380	380	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421778	5414943	0.17335	380.01	380.01	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421778	5414993	0.17385	381	381	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421778	5415043	0.17396	381	381	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421778	5415093	0.17287	382	382	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421778	5415143	0.1714	382	382	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421778	5415193	0.16877	383	383	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421828	5414493	0.14758	380.13	380.13	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421828	5414543	0.15325	379.23	379.23	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421828	5414593	0.15823	379	379	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421828	5414643	0.16276	378.98	378.98	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421828	5414693	0.16731	378	378	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421828	5414743	0.17081	378.04	378.04	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421828	5414793	0.17333	379	379	0	MONTH	PIT	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421828	5414843	0.17528	379.73	379.73	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421828	5414893	0.17669	380	380	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421828	5414943	0.17701	381	381	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421828	5414993	0.17685	381.18	381.18	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421828	5415043	0.17561	382	382	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421828	5415093	0.17375	382.41	382.41	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421828	5415143	0.17106	383	383	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421828	5415193	0.16768	383.58	383.58	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421878	5414493	0.15622	380.35	380.35	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421878	5414543	0.1619	379.2	379.2	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421878	5414593	0.16656	379	379	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421878	5414643	0.17064	379	379	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421878	5414693	0.17423	378.84	378.84	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421878	5414743	0.17715	378.65	378.65	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421878	5414793	0.17912	379	379	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421878	5414843	0.18008	380	380	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421878	5414893	0.18025	380.91	380.91	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421878	5414943	0.17993	381.01	381.01	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421878	5414993	0.17839	382	382	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421878	5415043	0.17627	382.46	382.46	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421878	5415093	0.17336	383	383	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421878	5415143	0.16966	383.71	383.71	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421878	5415193	0.16558	384	384	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421928	5414493	0.16434	381.32	381.32	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421928	5414543	0.16989	380	380	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421928	5414593	0.17455	379	379	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421928	5414643	0.178	379	379	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421928	5414693	0.18076	379	379	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421928	5414743	0.18275	379	379	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421928	5414793	0.18369	379.63	379.63	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421928	5414843	0.18389	380	380	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421928	5414893	0.18301	380.94	380.94	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421928	5414943	0.1816	381.1	381.1	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421928	5414993	0.179	382.11	382.11	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421928	5415043	0.17566	383	383	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421928	5415093	0.17169	383.72	383.72	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421928	5415143	0.16724	384.21	384.21	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421928	5415193	0.16211	385	385	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421978	5414493	0.17133	383.34	383.34	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421978	5414543	0.1779	380.14	380.14	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421978	5414593	0.18194	379	379	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421978	5414643	0.1846	379	379	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421978	5414693	0.18645	379	379	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421978	5414743	0.18746	379	379	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421978	5414793	0.18735	379.66	379.66	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421978	5414843	0.18649	380	380	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421978	5414893	0.1845	381	381	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421978	5414943	0.18164	382	382	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421978	5414993	0.17834	382.29	382.29	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421978	5415043	0.17388	383.45	383.45	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421978	5415093	0.16891	384.37	384.37	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421978	5415143	0.16361	385	385	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421978	5415193	0.1577	385.96	385.96	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	422028	5414493	0.1792	383.64	386	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	422028	5414543	0.18535	380.15	380.15	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	422028	5414593	0.18837	379.34	379.34	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	422028	5414643	0.19014	379.23	379.23	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	422028	5414693	0.19105	379	379	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	422028	5414743	0.19097	379	379	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	422028	5414793	0.18975	379.69	379.69	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	422028	5414843	0.18778	380	380	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	422028	5414893	0.18471	381	381	0	MONTH	PIT	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422028	5414943	0.18081	382	382	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422028	5414993	0.17599	383.31	383.31	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422028	5415043	0.17061	384.45	384.45	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422028	5415093	0.1647	385.56	385.56	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422028	5415143	0.15888	386	386	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422028	5415193	0.15241	386.99	386.99	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5414493	0.18605	384.47	384.47	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5414543	0.19136	381.12	381.12	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5414593	0.19362	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5414643	0.19429	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5414693	0.19402	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5414743	0.19302	379.47	379.47	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5414793	0.19081	379.72	379.72	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5414843	0.18775	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5414893	0.1836	381.04	381.04	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5414943	0.17852	382.43	382.43	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5414993	0.17257	384.09	384.09	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5415043	0.1661	385.61	385.61	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5415093	0.15943	386.82	386.82	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5415143	0.15252	388	388	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422078	5415193	0.14644	388.06	388.06	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422128	5414493	0.19195	385.2	385.2	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422128	5414543	0.19624	382.09	382.09	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422128	5414593	0.19753	380.89	380.89	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422128	5414643	0.1975	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422128	5414693	0.19603	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422128	5414743	0.19365	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422128	5414793	0.19041	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422128	5414843	0.1864	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422128	5414893	0.18126	381.07	381.07	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422128	5414943	0.17484	383.22	383.22	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422128	5414993	0.16781	385.2	385.2	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422128	5415043	0.16079	386.54	386.54	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422128	5415093	0.15313	388.3	388.3	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422128	5415143	0.146	389.33	389.33	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422128	5415193	0.13922	389.99	389.99	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5414493	0.19845	384.17	384.17	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5414543	0.19984	383	383	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5414593	0.19998	381.86	381.86	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5414643	0.1988	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5414693	0.19615	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5414743	0.19262	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5414793	0.18867	380.22	380.22	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5414843	0.18379	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5414893	0.17777	381.1	381.1	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5414943	0.17059	383.25	383.25	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5414993	0.16282	385.41	385.41	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5415043	0.15464	387.57	387.57	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5415093	0.14701	388.92	388.92	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5415143	0.13968	390	390	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422178	5415193	0.13352	390	390	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422228	5414493	0.20354	383.07	383.07	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422228	5414543	0.20305	382.52	382.52	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422228	5414593	0.20146	382	382	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422228	5414643	0.19911	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422228	5414693	0.19527	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422228	5414743	0.19065	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422228	5414793	0.18527	381.2	381.2	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422228	5414843	0.17957	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422228	5414893	0.1733	381.13	381.13	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422228	5414943	0.16551	383.28	383.28	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422228	5414993	0.15731	385.44	385.44	0 MONTH	PIT	1ST		1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422228	5415043	0.14887	387.6	387.6	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422228	5415093	0.1411	389	389	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422228	5415143	0.13387	390	390	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422228	5415193	0.12784	390	390	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5414493	0.20698	382.02	382.02	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5414543	0.20473	382	382	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5414593	0.20148	382	382	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5414643	0.19733	382	382	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5414693	0.1924	382	382	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5414743	0.18681	382	382	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5414793	0.1807	382	382	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5414843	0.17422	382	382	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5414893	0.16718	382.52	382.52	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5414943	0.15908	384.31	384.31	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5414993	0.15094	386	386	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5415043	0.14287	387.63	387.63	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5415093	0.13539	388.79	388.79	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5415143	0.12819	389.95	389.95	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422278	5415193	0.12387	390	390	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422328	5414493	0.20868	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422328	5414543	0.20508	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422328	5414593	0.20044	381.23	381.23	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422328	5414643	0.19468	382	382	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422328	5414693	0.18877	382	382	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422328	5414743	0.18236	382	382	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422328	5414793	0.17492	383	383	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422328	5414843	0.16796	383.02	383.02	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422328	5414893	0.16011	384.13	384.13	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422328	5414943	0.15228	385.23	385.23	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422328	5414993	0.14442	386.5	386.5	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422328	5415043	0.13687	387.66	387.66	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422328	5415093	0.12962	388.82	388.82	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422328	5415143	0.12808	389	389	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422328	5415193	0.12898	390	390	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422378	5415043	0.13111	387.69	387.69	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422378	5415093	0.13224	388.18	388.18	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422378	5415143	0.13314	389	389	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422378	5415193	0.13398	389.42	389.42	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422428	5415043	0.13667	387	387	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422428	5415093	0.1374	387.88	387.88	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422428	5415143	0.13824	388	388	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422428	5415193	0.13816	389	389	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422478	5415043	0.14151	387	387	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422478	5415093	0.14221	387	387	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422478	5415143	0.1419	388	388	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422478	5415193	0.14165	388.23	388.23	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422528	5415043	0.14555	387	387	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422528	5415093	0.14501	387.94	387.94	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422528	5415143	0.14457	388	388	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422528	5415193	0.14311	389	389	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422578	5415043	0.14861	387	387	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422578	5415093	0.14728	388	388	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422578	5415143	0.14607	388.13	388.13	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422578	5415193	0.14393	389	389	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422628	5415043	0.15	387.84	387.84	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422628	5415093	0.14844	388	388	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422628	5415143	0.14587	389	389	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422628	5415193	0.14358	389	389	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422678	5415043	0.15062	388	388	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422678	5415093	0.14838	388.03	388.03	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422678	5415143	0.14508	389	389	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422678	5415193	0.14344	389.35	389.35	0 MONTH	PIT	1ST		12/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422728	5415043	0.15012	388	388	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422728	5415093	0.14719	389	389	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422728	5415143	0.1461	389.22	389.22	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422728	5415193	0.14425	390	390	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422778	5415043	0.15005	388.93	388.93	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422778	5415093	0.14869	389.09	389.09	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422778	5415143	0.14644	390	390	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422778	5415193	0.14422	390.36	390.36	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422828	5415043	0.15117	389	389	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422828	5415093	0.14902	389.34	389.34	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422828	5415143	0.14633	390	390	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422828	5415193	0.14313	391	391	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422878	5415043	0.15135	389	389	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422878	5415093	0.14818	390	390	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422878	5415143	0.14551	390	390	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422878	5415193	0.14195	391	391	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422928	5415043	0.15002	390	390	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422928	5415093	0.1472	390	390	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422928	5415143	0.14364	390.84	390.84	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422928	5415193	0.14016	391.5	391.5	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422978	5415043	0.14895	390.01	390.01	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422978	5415093	0.14516	391	391	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422978	5415143	0.14188	391.37	391.37	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422978	5415193	0.13845	392	392	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423028	5415043	0.14773	390.08	390.08	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423028	5415093	0.14398	391	391	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423028	5415143	0.14025	392	392	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423028	5415193	0.13744	392.14	392.14	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423078	5415043	0.14597	391	391	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423078	5415093	0.14304	391.17	391.17	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423078	5415143	0.1397	392	392	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423078	5415193	0.13659	392.8	392.8	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423128	5415043	0.14551	391	391	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423128	5415093	0.14276	391.3	391.3	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423128	5415143	0.13987	392	392	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423128	5415193	0.13694	393	393	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	420828	5414293	0.14261	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420828	5414343	0.13949	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420828	5414393	0.1362	375.31	375.31	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420828	5414443	0.13264	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420828	5414493	0.12899	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420828	5414543	0.12552	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420828	5414593	0.12133	376.79	376.79	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420828	5414643	0.11675	379.61	379.61	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420828	5414693	0.11368	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420828	5414743	0.11169	381.87	381.87	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420828	5414793	0.11094	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420828	5414843	0.11024	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420828	5414893	0.11008	384	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420828	5414943	0.11075	384.23	384.23	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420828	5414993	0.1113	385	385	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420828	5415043	0.1122	385	385	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420828	5415093	0.11251	385.97	385.97	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420828	5415143	0.11289	386	386	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420828	5415193	0.11286	386	386	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420778	5414143	0.14602	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420778	5414193	0.14569	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420778	5414243	0.1444	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420778	5414293	0.14258	376.2	376.2	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420778	5414343	0.13999	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420778	5414393	0.13684	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420778	5414443	0.13363	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420778	5414493	0.13001	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420778	5414543	0.12635	375.13	375.13	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420778	5414593	0.12157	377.58	377.58	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420778	5414643	0.11653	380.45	380.45	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420778	5414693	0.11275	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420778	5414743	0.11043	382.48	382.48	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420778	5414793	0.10882	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420778	5414843	0.10778	383.74	383.74	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420778	5414893	0.10771	384	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420778	5414943	0.10766	385	385	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420778	5414993	0.10856	385	385	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420778	5415043	0.10957	385	385	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420778	5415093	0.11048	385.05	385.05	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420778	5415143	0.11121	385.01	385.01	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420778	5415193	0.11158	385	385	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5413493	0.15689	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5413543	0.15617	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5413593	0.15435	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5413643	0.15177	378.9	378.9	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5413693	0.14898	379.37	379.37	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5413743	0.14606	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5413793	0.1439	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5413843	0.1423	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5413893	0.14136	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5413943	0.14108	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5413993	0.14132	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5414043	0.14221	379.48	379.48	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5414093	0.14338	378.32	378.32	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5414143	0.14384	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5414193	0.14394	377.38	377.38	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5414243	0.14323	377.43	377.43	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5414293	0.14186	377.47	377.47	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5414343	0.1399	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5414393	0.13742	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5414443	0.13449	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5414493	0.13104	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5414543	0.12764	374.47	374.47	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5414593	0.12266	377.52	377.52	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5414643	0.11739	380.42	380.42	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5414693	0.11312	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5414743	0.10981	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5414793	0.10728	383.9	383.9	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5414843	0.10611	384	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5414893	0.10571	384	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5414943	0.10589	384	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5414993	0.1065	384	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5415043	0.10746	383.83	383.83	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5415093	0.10843	383.78	383.78	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5415143	0.10933	383.73	383.73	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420728	5415193	0.11	383.69	383.69	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5413493	0.15428	376.74	376.74	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5413543	0.15418	377.91	377.91	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5413593	0.15285	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5413643	0.15053	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5413693	0.14808	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5413743	0.14538	380.13	380.13	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5413793	0.14246	380.78	380.78	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5413843	0.14025	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5413893	0.13961	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5413943	0.13887	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5413993	0.13887	379.85	379.85	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5414043	0.13978	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420678	5414093	0.14087	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5414143	0.14139	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5414193	0.14145	378.65	378.65	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5414243	0.14097	379.7	379.7	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5414293	0.14051	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5414343	0.13924	378.45	378.45	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5414393	0.13755	376.4	376.4	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5414443	0.13504	375.24	375.24	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5414493	0.13213	374.09	374.09	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5414543	0.12848	375.05	375.05	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5414593	0.12344	378.46	378.46	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5414643	0.11798	381.39	381.39	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5414693	0.1136	382.55	382.55	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5414743	0.11017	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5414793	0.1072	383.68	383.68	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5414843	0.10543	383.72	383.72	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5414893	0.10493	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5414943	0.10455	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5414993	0.10497	382.6	382.6	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5415043	0.10575	382.19	382.19	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5415093	0.10662	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5415143	0.10748	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420678	5415193	0.10827	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5413493	0.1513	377.2	377.2	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5413543	0.15196	378.28	378.28	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5413593	0.15131	379.39	379.39	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5413643	0.14969	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5413693	0.14755	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5413743	0.14442	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5413793	0.14176	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5413843	0.13996	380.18	380.18	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5413893	0.13825	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5413943	0.13704	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5413993	0.1372	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5414043	0.1375	378.54	378.54	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5414093	0.13793	378.51	378.51	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5414143	0.1383	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5414193	0.13845	379.99	379.99	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5414243	0.13884	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5414293	0.13874	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5414343	0.1384	378.62	378.62	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5414393	0.13715	377.43	377.43	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5414443	0.1353	375.28	375.28	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5414493	0.13275	374	374	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5414543	0.12921	376.04	376.04	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5414593	0.12446	379.2	379.2	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5414643	0.11946	381.36	381.36	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5414693	0.11503	382.31	382.31	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5414743	0.11103	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5414793	0.10802	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5414843	0.10566	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5414893	0.10447	382.36	382.36	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5414943	0.10374	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5414993	0.10359	381.68	381.68	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5415043	0.10407	381.1	381.1	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5415093	0.10463	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5415143	0.10537	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420628	5415193	0.10618	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5413493	0.14789	377.68	377.68	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5413543	0.14927	378.93	378.93	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5413593	0.14936	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5413643	0.14858	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420578	5413693	0.14689	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5413743	0.14406	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5413793	0.1414	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5413843	0.13933	380.21	380.21	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5413893	0.13726	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5413943	0.13567	379.89	379.89	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5413993	0.13528	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5414043	0.13491	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5414093	0.13508	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5414143	0.13505	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5414193	0.13581	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5414243	0.13602	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5414293	0.13685	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5414343	0.13698	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5414393	0.13646	377.46	377.46	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5414443	0.13515	375.31	375.31	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5414493	0.13304	374	374	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5414543	0.13002	376.02	376.02	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5414593	0.12578	379.17	379.17	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5414643	0.12119	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5414693	0.11673	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5414743	0.11284	382.19	382.19	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5414793	0.10938	382.24	382.24	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5414843	0.10663	382.01	382.01	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5414893	0.10438	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5414943	0.10343	381.07	381.07	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5414993	0.10256	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5415043	0.10223	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5415093	0.10281	380.24	380.24	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5415143	0.10341	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420578	5415193	0.10411	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5413493	0.1441	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5413543	0.14612	379.7	379.7	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5413593	0.14719	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5413643	0.14712	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5413693	0.1459	380.28	380.28	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5413743	0.14362	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5413793	0.14111	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5413843	0.13905	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5413893	0.13658	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5413943	0.13458	379.92	379.92	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5413993	0.13374	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5414043	0.13292	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5414093	0.13271	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5414143	0.13241	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5414193	0.13311	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5414243	0.13392	380.01	380.01	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5414293	0.13459	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5414343	0.1353	378.79	378.79	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5414393	0.13541	376.84	376.84	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5414443	0.13458	375.1	375.1	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5414493	0.13295	374	374	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5414543	0.1305	375.98	375.98	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5414593	0.12685	379.14	379.14	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5414643	0.12292	380.37	380.37	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5414693	0.1186	381.49	381.49	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5414743	0.11445	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5414793	0.11074	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5414843	0.10741	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5414893	0.10474	381.8	381.8	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5414943	0.10311	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5414993	0.10162	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420528	5415043	0.10138	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5415093	0.10108	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5415143	0.10125	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420528	5415193	0.10178	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5413493	0.13987	378.62	378.62	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5413543	0.14272	379.67	379.67	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5413593	0.14456	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5413643	0.14526	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5413693	0.1448	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5413743	0.14339	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5413793	0.14127	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5413843	0.13875	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5413893	0.13617	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5413943	0.13415	379.47	379.47	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5413993	0.13259	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5414043	0.1313	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5414093	0.13011	379.83	379.83	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5414143	0.12999	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5414193	0.13048	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5414243	0.13125	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5414293	0.13209	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5414343	0.13322	378.68	378.68	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5414393	0.13388	376.53	376.53	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5414443	0.13359	374.37	374.37	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5414493	0.13246	374	374	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5414543	0.13059	375.95	375.95	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5414593	0.12783	378.11	378.11	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5414643	0.12417	380.27	380.27	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5414693	0.12035	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5414743	0.11612	381.89	381.89	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5414793	0.11222	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5414843	0.10878	381.68	381.68	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5414893	0.10597	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5414943	0.10329	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5414993	0.10146	380.62	380.62	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5415043	0.10043	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5415093	0.09963	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5415143	0.09939	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420478	5415193	0.09962	379.99	379.99	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420428	5413493	0.13546	378.59	378.59	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420428	5413543	0.13899	379.31	379.31	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420428	5413593	0.14148	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420428	5413643	0.14295	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420428	5413693	0.14323	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420428	5413743	0.14242	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420428	5413793	0.14074	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420428	5413843	0.13847	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420428	5413893	0.1359	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420428	5413943	0.13394	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420428	5413993	0.13175	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420428	5414043	0.12944	379.92	379.92	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420428	5414093	0.12829	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420428	5414143	0.12786	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420428	5414193	0.12749	380.81	380.81	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420428	5414243	0.1286	380.03	380.03	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420428	5414293	0.12953	379.87	379.87	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420428	5414343	0.1312	377.72	377.72	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420428	5414393	0.13217	375.35	375.35	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420428	5414443	0.1322	374	374	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420428	5414493	0.13154	374	374	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420428	5414543	0.13024	375.92	375.92	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420428	5414593	0.1281	378.08	378.08	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420428	5414643	0.12503	380.24	380.24	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420428	5414693	0.12164	381	381	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420428	5414743	0.11809	381	381	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420428	5414793	0.11434	381	381	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420428	5414843	0.11059	381	381	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420428	5414893	0.10707	381	381	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420428	5414943	0.10394	381	381	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420428	5414993	0.10198	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420428	5415043	0.1	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420428	5415093	0.09866	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420428	5415143	0.09794	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420428	5415193	0.09826	379.02	379.02	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5413493	0.13076	378.84	378.84	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5413543	0.13475	379.72	379.72	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5413593	0.138	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5413643	0.14021	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5413693	0.14124	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5413743	0.14111	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5413793	0.13999	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5413843	0.13808	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5413893	0.13568	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5413943	0.1331	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5413993	0.13063	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5414043	0.12853	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5414093	0.12698	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5414143	0.12608	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5414193	0.12582	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5414243	0.12613	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5414293	0.12741	378.91	378.91	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5414343	0.12907	376.75	376.75	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5414393	0.13019	374.59	374.59	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5414443	0.13052	373.27	373.27	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5414493	0.13023	374	374	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5414543	0.12943	375.89	375.89	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5414593	0.1279	378.05	378.05	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5414643	0.12553	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5414693	0.12261	381	381	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5414743	0.11943	381	381	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5414793	0.11588	381	381	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5414843	0.11215	381	381	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5414893	0.10846	381	381	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5414943	0.10557	380.01	380.01	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5414993	0.10257	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5415043	0.10008	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5415093	0.0982	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5415143	0.09743	379.17	379.17	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420378	5415193	0.09684	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5413493	0.12591	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5413543	0.13024	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5413593	0.13414	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5413643	0.13704	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5413693	0.13881	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5413743	0.13942	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5413793	0.13893	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5413843	0.13752	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5413893	0.13543	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5413943	0.13294	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5413993	0.13037	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5414043	0.12799	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5414093	0.12604	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5414143	0.12468	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5414193	0.12396	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420328	5414243	0.12446	379.04	379.04	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420328	5414293	0.12544	377.94	377.94	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420328	5414343	0.12699	375.78	375.78	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420328	5414393	0.12793	374.62	374.62	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420328	5414443	0.1286	373	373	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420328	5414493	0.12861	373.75	373.75	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420328	5414543	0.12827	374.97	374.97	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420328	5414593	0.12735	377.08	377.08	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420328	5414643	0.12572	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420328	5414693	0.12346	379.98	379.98	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420328	5414743	0.1208	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420328	5414793	0.11762	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420328	5414843	0.11412	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420328	5414893	0.11047	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420328	5414943	0.1069	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420328	5414993	0.10356	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420328	5415043	0.10085	379.64	379.64	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420328	5415093	0.09884	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420328	5415143	0.09704	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420328	5415193	0.0961	378.54	378.54	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5413493	0.12105	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5413543	0.12565	379.92	379.92	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5413593	0.12996	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5413643	0.13347	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5413693	0.13595	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5413743	0.13729	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5413793	0.1375	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5413843	0.13668	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5413893	0.13503	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5413943	0.13278	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5413993	0.13024	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5414043	0.12771	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5414093	0.12544	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5414143	0.12365	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5414193	0.12307	379.05	379.05	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5414243	0.12309	378.13	378.13	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5414293	0.12371	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5414343	0.12464	375.81	375.81	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5414393	0.1256	374.65	374.65	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5414443	0.1264	373.49	373.49	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5414493	0.12678	373	373	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5414543	0.12676	373.97	373.97	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5414593	0.12635	375.78	375.78	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5414643	0.12543	377.11	377.11	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5414693	0.12386	378.21	378.21	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5414743	0.12168	378.81	378.81	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5414793	0.11896	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5414843	0.11581	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5414893	0.11237	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5414943	0.10881	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5414993	0.10535	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5415043	0.10246	378.37	378.37	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5415093	0.09988	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5415143	0.09761	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420278	5415193	0.09589	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420228	5413493	0.1164	378.46	378.46	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420228	5413543	0.12119	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420228	5413593	0.12581	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420228	5413643	0.12957	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420228	5413693	0.13269	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420228	5413743	0.13474	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420228	5413793	0.13567	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420228	5413843	0.13551	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5413893	0.13438	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5413943	0.13251	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5413993	0.13014	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5414043	0.12758	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5414093	0.12511	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5414143	0.1233	379.45	379.45	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5414193	0.12198	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5414243	0.12159	378	378	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5414293	0.12176	377	377	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5414343	0.12241	375.88	375.88	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5414393	0.12328	374.77	374.77	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5414443	0.12405	374	374	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5414493	0.12473	373	373	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5414543	0.12501	373	373	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5414593	0.12496	373.98	373.98	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5414643	0.12455	375.05	375.05	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5414693	0.12362	376.12	376.12	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5414743	0.12208	376.65	376.65	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5414793	0.1199	377.33	377.33	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5414843	0.11724	377.28	377.28	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5414893	0.11418	377.24	377.24	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5414943	0.11087	377.19	377.19	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5414993	0.1075	377.14	377.14	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5415043	0.10422	377.1	377.1	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5415093	0.10122	377	377	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5415143	0.09858	377	377	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5415193	0.09641	377	377	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5413493	0.11147	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5413543	0.11646	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5413593	0.12101	379.95	379.95	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5413643	0.1254	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5413693	0.12907	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5413743	0.13179	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5413793	0.13343	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5413843	0.13396	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5413893	0.13345	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5413943	0.13205	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5413993	0.12999	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5414043	0.12754	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5414093	0.12499	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5414143	0.12315	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5414193	0.12121	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5414243	0.12037	378	378	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5414293	0.1201	377.03	377.03	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5414343	0.12039	376	376	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5414393	0.12102	375	375	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5414443	0.12181	374	374	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5414493	0.1225	373.39	373.39	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5414543	0.12302	373	373	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5414593	0.12328	373	373	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5414643	0.12321	374	374	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5414693	0.12275	374.36	374.36	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5414743	0.12177	375.04	375.04	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5414793	0.1202	375.58	375.58	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5414843	0.11803	376	376	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5414893	0.11541	376	376	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5414943	0.1124	376	376	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5414993	0.10917	376	376	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5415043	0.1059	376	376	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5415093	0.10273	376	376	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420178	5415143	0.09982	376	376	0	MONTH	PIT	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420178	5415193	0.09717	376.26	376.26	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5413493	0.1069	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5413543	0.11142	379.98	379.98	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5413593	0.11636	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5413643	0.12103	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5413693	0.12515	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5413743	0.12845	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5413793	0.13076	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5413843	0.13215	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5413893	0.13132	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5413943	0.12969	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5413993	0.12748	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5414043	0.12498	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5414093	0.12245	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5414143	0.12051	379.38	379.38	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5414193	0.11935	378.22	378.22	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5414243	0.11878	377.06	377.06	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5414293	0.11871	376	376	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5414343	0.11914	374.78	374.78	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5414393	0.11968	374	374	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5414443	0.12043	373	373	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5414493	0.12092	373	373	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5414543	0.12136	373	373	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5414593	0.12158	373	373	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5414643	0.12148	373.9	373.9	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5414693	0.12095	374	374	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5414743	0.1199	374.41	374.41	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5414793	0.11829	375	375	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5414843	0.11613	375	375	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5414893	0.11351	375	375	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5414943	0.11058	375	375	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5414993	0.10736	375.32	375.32	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5415043	0.10394	376	376	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5415093	0.1007	376.35	376.35	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5415143	0.09708	377.92	377.92	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5415193	0.09195	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5415293	0.08956	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5415393	0.08927	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5415493	0.09042	379.06	379.06	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5415593	0.09195	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5415693	0.09341	380.11	380.11	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5415793	0.09383	381	381	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5415893	0.09294	382	382	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5415993	0.0908	382	382	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5416093	0.08777	381.49	381.49	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5415293	0.0937	377	377	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5415393	0.09257	378	378	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5415493	0.09349	378	378	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5415593	0.0948	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5415693	0.09613	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5415793	0.09642	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5415893	0.09546	380.72	380.72	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5415993	0.09308	382.39	382.39	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5416093	0.08958	384	384	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420228	5416193	0.08557	385.02	385.02	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5415293	0.09559	378	378	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5415393	0.09637	378	378	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5415493	0.09781	378	378	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5415593	0.09895	378.19	378.19	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5415693	0.09913	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5415793	0.09806	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420328	5415893	0.09574	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5415993	0.09214	382.46	382.46	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5416093	0.0876	385.51	385.51	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5416193	0.08531	388.05	388.05	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420428	5415293	0.09903	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420428	5415393	0.1005	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420428	5415493	0.10172	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420428	5415593	0.10192	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420428	5415693	0.10079	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420428	5415793	0.0983	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420428	5415893	0.09464	382	382	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420428	5415993	0.09014	384.52	384.52	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420428	5416093	0.0893	386.87	386.87	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420428	5416193	0.09373	390.02	390.02	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420528	5415293	0.10335	379.82	379.82	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420528	5415393	0.10471	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420528	5415493	0.10482	379.31	379.31	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420528	5415593	0.10353	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420528	5415693	0.10099	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420528	5415793	0.09751	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420528	5415893	0.09337	381.26	381.26	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420528	5415993	0.09406	384.58	384.58	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420528	5416093	0.09869	387.92	387.92	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420528	5416193	0.1027	392.21	392.21	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420628	5415293	0.10767	380.05	380.05	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420628	5415393	0.1078	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420628	5415493	0.10647	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420628	5415593	0.1038	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420628	5415693	0.09992	381.47	381.47	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420628	5415793	0.09583	381.58	381.58	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420628	5415893	0.09903	382.16	382.16	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420628	5415993	0.10436	384.64	384.64	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420628	5416093	0.10963	387	387	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420628	5416193	0.1137	390.06	390.06	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420728	5415293	0.11046	383	383	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420728	5415393	0.10925	382.1	382.1	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420728	5415493	0.10653	381.41	381.41	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420728	5415593	0.10268	381.61	381.61	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420728	5415693	0.09814	382.81	382.81	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420728	5415793	0.10215	384.01	384.01	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420728	5415893	0.10885	384.04	384.04	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420728	5415993	0.11478	384.98	384.98	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420728	5416093	0.11924	387	387	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420728	5416193	0.12198	389	389	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420828	5415293	0.11145	386	386	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420828	5415393	0.1087	385.05	385.05	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420828	5415493	0.10465	384.96	384.96	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420828	5415593	0.10052	384	384	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420828	5415693	0.10638	384	384	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420828	5415793	0.11239	385.72	385.72	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420828	5415893	0.1182	387	387	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420828	5415993	0.12344	387	387	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420828	5416093	0.12672	387	387	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420828	5416193	0.12732	388	388	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420928	5415293	0.11115	387	387	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420928	5415393	0.10646	388	388	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420928	5415493	0.10201	387.5	387.5	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420928	5415593	0.10904	387	387	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420928	5415693	0.11682	386	386	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420928	5415793	0.12308	386.37	386.37	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420928	5415893	0.12699	388.51	388.51	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420928	5415993	0.12915	390.03	390.03	0	MONTH	PIT	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420928	5416093	0.1298	390	390	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420928	5416193	0.12704	391.85	391.85	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421028	5415293	0.11052	385.67	385.67	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	421028	5415393	0.10556	388	388	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421028	5415493	0.11225	389.01	389.01	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421028	5415593	0.11966	389	389	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421028	5415693	0.12683	388.06	388.06	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421028	5415793	0.1317	388	388	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421028	5415893	0.13373	389	389	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421028	5415993	0.13203	392	392	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421028	5416093	0.12711	395.7	395.7	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421028	5416193	0.12058	398.71	398.71	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421128	5415293	0.11173	385.73	385.73	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421128	5415393	0.11705	389.03	389.03	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421128	5415493	0.12383	390	390	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421128	5415593	0.13035	390	390	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421128	5415693	0.135	390	390	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421128	5415793	0.13735	389.79	389.79	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421128	5415893	0.13685	390	390	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421128	5415993	0.13214	392.95	392.95	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421128	5416093	0.12498	396.3	396.3	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421128	5416193	0.1161	399.98	399.98	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421228	5415293	0.12522	384.79	384.79	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421228	5415393	0.13042	388.11	388.11	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421228	5415493	0.13532	390	390	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421228	5415593	0.13963	390	390	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421228	5415693	0.14138	390	390	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421228	5415793	0.13978	391	391	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421228	5415893	0.13528	392.69	392.69	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421228	5415993	0.12838	395.01	395.01	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421228	5416093	0.11954	398.13	398.13	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421228	5416193	0.11124	400	400	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421328	5415293	0.13927	382.85	382.85	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421328	5415393	0.14336	386	386	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421328	5415493	0.14609	387.64	387.64	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421328	5415593	0.14674	388.4	388.4	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421328	5415693	0.14481	389	389	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421328	5415793	0.14087	389	389	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421328	5415893	0.13456	389.92	389.92	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421328	5415993	0.12639	391.84	391.84	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421328	5416093	0.11556	396.39	396.39	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421328	5416193	0.10449	400.72	400.72	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421428	5415293	0.1512	381.53	381.53	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421428	5415393	0.15356	383.23	383.23	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421428	5415493	0.15295	385.42	385.42	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421428	5415593	0.14997	386.74	386.74	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421428	5415693	0.1452	387	387	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421428	5415793	0.13822	388	388	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421428	5415893	0.13066	388	388	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421428	5415993	0.12193	389.03	389.03	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421428	5416093	0.11107	393.04	398	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421428	5416193	0.0977	400.18	400.18	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421528	5415293	0.1594	382	382	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421528	5415393	0.159	382.29	382.29	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421528	5415493	0.15529	384	384	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421528	5415593	0.14945	385	385	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421528	5415693	0.14182	386	386	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421528	5415793	0.13319	386.78	386.78	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421528	5415893	0.12383	387.87	387.87	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421528	5415993	0.11432	389	389	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421528	5416093	0.10526	389.51	389.51	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421528	5416193	0.09438	393.54	394	0	MONTH	PIT	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421628	5415293	0.16394	382	382	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421628	5415393	0.16008	382.15	382.15	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421628	5415493	0.1536	383	383	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421628	5415593	0.1453	384	384	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421628	5415693	0.13596	384.9	384.9	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421628	5415793	0.12602	386	386	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421628	5415893	0.11607	387	387	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421628	5415993	0.10578	389	389	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421628	5416093	0.09613	390.57	390.57	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421628	5416193	0.09538	392.28	392.28	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	421728	5415293	0.16385	383	383	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421728	5415393	0.15687	383	383	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421728	5415493	0.14775	384	384	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421728	5415593	0.13762	385	385	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421728	5415693	0.12764	385	385	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421728	5415793	0.11759	385.27	385.27	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421728	5415893	0.10713	387	387	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421728	5415993	0.09957	388	388	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	421728	5416093	0.10184	389	389	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	421728	5416193	0.10364	390	390	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	421828	5415293	0.15959	384	384	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421828	5415393	0.1497	384.74	384.74	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421828	5415493	0.13863	386	386	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421828	5415593	0.12788	386.33	386.33	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421828	5415693	0.11775	386	386	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421828	5415793	0.10796	386	386	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421828	5415893	0.10532	387	387	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	421828	5415993	0.1074	388	388	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	421828	5416093	0.1088	389	389	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	421828	5416193	0.10928	390	390	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	421928	5415293	0.15176	385	385	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421928	5415393	0.1407	385	385	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421928	5415493	0.12771	387.85	387.85	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421928	5415593	0.11571	389.73	389.73	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	421928	5415693	0.1074	388.41	388.41	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	421928	5415793	0.11099	386.75	386.75	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	421928	5415893	0.11303	387	387	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	421928	5415993	0.11388	388	388	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	421928	5416093	0.11364	389	389	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	421928	5416193	0.11215	390	390	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422028	5415293	0.14066	387	387	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422028	5415393	0.12976	386	386	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422028	5415493	0.11742	387.91	387.91	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422028	5415593	0.1125	390	390	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422028	5415693	0.11517	390	390	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422028	5415793	0.11771	388.35	388.35	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422028	5415893	0.11843	388	388	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422028	5415993	0.11771	388.03	388.03	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422028	5416093	0.1153	389	389	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422028	5416193	0.11155	390	390	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422128	5415293	0.12814	389	389	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422128	5415393	0.11781	388	388	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	422128	5415493	0.12022	387	387	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422128	5415593	0.12142	389.01	389.01	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422128	5415693	0.12202	390	390	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422128	5415793	0.12231	389	389	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422128	5415893	0.12079	388.77	388.77	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422128	5415993	0.11744	389.55	389.55	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422128	5416093	0.11421	390	390	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422128	5416193	0.11207	391.08	391.08	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422228	5415293	0.12213	390	390	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	422228	5415393	0.1255	389	389	0 MONTH	PIT	1ST		12/31/1996 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422228	5415493	0.12766	388	388	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	422228	5415593	0.12776	388.35	388.35	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	422228	5415693	0.12628	389	389	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	422228	5415793	0.12365	389	389	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	422228	5415893	0.11961	389	389	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	422228	5415993	0.11766	390	390	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422228	5416093	0.1146	391	391	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422228	5416193	0.11007	392.98	392.98	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422328	5415293	0.13124	390	390	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	422328	5415393	0.13212	390	390	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	422328	5415493	0.13198	389.15	389.15	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	422328	5415593	0.12986	389	389	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	422328	5415693	0.12616	389	389	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	422328	5415793	0.12312	389.89	389.89	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422328	5415893	0.1207	390	390	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422328	5415993	0.11716	390	390	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422328	5416093	0.11232	391	391	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422328	5416193	0.10631	393.31	393.31	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422428	5415293	0.13803	389.06	389.06	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	422428	5415393	0.13573	390	390	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	422428	5415493	0.13242	390	390	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	422428	5415593	0.12821	391	391	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422428	5415693	0.12671	390	390	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422428	5415793	0.12315	390.49	390.49	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422428	5415893	0.11858	391	391	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422428	5415993	0.11361	391	391	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422428	5416093	0.1079	392	392	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422428	5416193	0.10175	394	394	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422528	5415293	0.13953	390	390	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	422528	5415393	0.13414	391.3	391.3	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	422528	5415493	0.13122	393.05	393.05	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422528	5415593	0.12753	394.16	394.16	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422528	5415693	0.12344	394.07	394.07	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422528	5415793	0.11854	393.98	393.98	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422528	5415893	0.11381	393	393	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422528	5415993	0.10912	392	392	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422528	5416093	0.10432	392	392	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422528	5416193	0.09943	393.43	393.43	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422628	5415293	0.13961	390	390	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422628	5415393	0.13505	392.95	392.95	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422628	5415493	0.12899	395.85	395.85	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422628	5415593	0.12271	397.7	397.7	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422628	5415693	0.11746	397.61	397.61	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422628	5415793	0.11286	396.52	396.52	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422628	5415893	0.10873	395.2	395.2	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422628	5415993	0.10521	394	394	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422628	5416093	0.10249	393	393	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422628	5416193	0.09982	393.57	393.57	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422728	5415293	0.13936	391.69	391.69	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422728	5415393	0.13285	394.01	394.01	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422728	5415493	0.12479	397.33	397.33	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422728	5415593	0.11697	400	400	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422728	5415693	0.11175	400	400	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422728	5415793	0.10821	398.74	398.74	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422728	5415893	0.10593	397	397	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422728	5415993	0.10477	395.08	395.08	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422728	5416093	0.10401	394	394	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422728	5416193	0.10339	394	394	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422828	5415293	0.13634	392.75	392.75	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422828	5415393	0.12879	395	395	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422828	5415493	0.12157	397	397	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	422828	5415593	0.11517	398.71	398.71	0	MONTH	PIT	1ST	12/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422828	5415693	0.11092	399	399	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422828	5415793	0.108	399	399	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422828	5415893	0.10688	398.18	398.18	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422828	5415993	0.107	397	397	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422828	5416093	0.10768	396	396	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422828	5416193	0.10876	395	395	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422928	5415293	0.13273	393.5	393.5	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422928	5415393	0.12607	395.13	395.13	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422928	5415493	0.12001	397	397	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422928	5415593	0.11505	398.77	398.77	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422928	5415693	0.11264	399	399	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422928	5415793	0.11146	399	399	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422928	5415893	0.11108	399	399	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422928	5415993	0.1121	398	398	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422928	5416093	0.11512	397	397	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422928	5416193	0.11997	396	396	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423028	5415293	0.13108	393.89	393.89	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423028	5415393	0.12631	395	395	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423028	5415493	0.12222	396.51	396.51	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423028	5415593	0.11932	397.84	397.84	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423028	5415693	0.11741	399	399	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423028	5415793	0.11675	399.46	399.46	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423028	5415893	0.11749	399.7	399.7	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423028	5415993	0.12252	399	399	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423028	5416093	0.12746	398	398	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423028	5416193	0.13037	398	398	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423128	5415293	0.13189	394.93	394.93	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423128	5415393	0.12873	396	396	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423128	5415493	0.12617	397.3	397.3	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423128	5415593	0.12436	398.44	398.44	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423128	5415693	0.12521	399	399	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423128	5415793	0.12789	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423128	5415893	0.13162	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423128	5415993	0.13635	399	399	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423128	5416093	0.13869	399	399	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423128	5416193	0.14033	399	399	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423228	5415293	0.13654	395	395	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423228	5415393	0.13321	397	397	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423228	5415493	0.13308	398.66	398.66	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423228	5415593	0.13538	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423228	5415693	0.13938	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423228	5415793	0.14252	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423228	5415893	0.14662	399	399	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423228	5415993	0.14803	399	399	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423228	5416093	0.14865	399	399	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423228	5416193	0.14676	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423328	5415293	0.14612	396.05	396.05	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423328	5415393	0.14758	398	398	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423328	5415493	0.14979	399	399	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423328	5415593	0.15092	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423328	5415693	0.15305	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423328	5415793	0.15419	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423328	5415893	0.15641	399	399	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423328	5415993	0.15773	398	398	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423328	5416093	0.15643	398	398	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423328	5416193	0.15267	399.01	399.01	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423428	5415293	0.16341	397	397	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423428	5415393	0.16344	398.43	398.43	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423428	5415493	0.16406	399	399	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423428	5415593	0.16292	399.86	399.86	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423428	5415693	0.16458	399	399	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423428	5415793	0.16556	398.03	398.03	0 MONTH	PIT	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	423428	5415893	0.1658	397	397	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423428	5415993	0.16521	396	396	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423428	5416093	0.16285	395.59	395.59	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423428	5416193	0.15854	396	396	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423528	5415293	0.1784	397	397	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423528	5415393	0.17634	398	398	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423528	5415493	0.17323	399	399	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423528	5415593	0.17167	399	399	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423528	5415693	0.17102	398.3	398.3	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423528	5415793	0.17096	397	397	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423528	5415893	0.16965	395.93	395.93	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423528	5415993	0.16837	394.45	394.45	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423528	5416093	0.16588	393.24	393.24	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423528	5416193	0.1615	392.91	392.91	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423628	5415293	0.1824	399	399	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423628	5415393	0.18032	399	399	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423628	5415493	0.17706	399.23	399.23	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423628	5415593	0.17411	399.14	399.14	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423628	5415693	0.17188	398.54	398.54	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423628	5415793	0.17074	397.18	397.18	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423628	5415893	0.16875	395.87	395.87	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423628	5415993	0.16714	394	394	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423628	5416093	0.16469	392.23	392.23	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423628	5416193	0.16104	391	391	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423728	5415293	0.18368	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423728	5415393	0.18022	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423728	5415493	0.17635	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423728	5415593	0.17207	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423728	5415693	0.16981	399	399	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423728	5415793	0.16698	398	398	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423728	5415893	0.16575	396	396	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423728	5415993	0.16362	394.18	394.18	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423728	5416093	0.16014	393	393	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423728	5416193	0.15668	391.86	391.86	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423828	5415293	0.18509	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423828	5415393	0.18049	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423828	5415493	0.17548	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423828	5415593	0.17017	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423828	5415693	0.16735	398.89	398.89	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423828	5415793	0.16579	397.07	397.07	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423828	5415893	0.16244	396	396	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423828	5415993	0.16127	394.43	394.43	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	423828	5416093	0.16063	393.11	393.11	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	423828	5416193	0.15891	392	392	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	423928	5415293	0.18431	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423928	5415393	0.17854	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423928	5415493	0.17264	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423928	5415593	0.1693	399	399	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423928	5415693	0.16712	397.51	397.51	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	423928	5415793	0.16716	396	396	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	423928	5415893	0.16556	395	395	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	423928	5415993	0.16307	394	394	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	423928	5416093	0.16004	392.65	392.65	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	423928	5416193	0.15635	390.93	390.93	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	424028	5415293	0.18109	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424028	5415393	0.17481	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424028	5415493	0.17097	400	400	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	424028	5415593	0.16797	400	400	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	424028	5415693	0.16698	398.46	398.46	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	424028	5415793	0.16643	395.78	395.78	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	424028	5415893	0.16429	393	393	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	424028	5415993	0.15957	393	393	0 MONTH	PIT	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	424028	5416093	0.15818	391.09	391.09	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424028	5416193	0.15575	389.68	389.68	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424128	5415293	0.179	400	400	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	424128	5415393	0.1749	400	400	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	424128	5415493	0.16819	401	401	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	424128	5415593	0.16274	401	401	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	424128	5415693	0.15943	399.21	399.21	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	424128	5415793	0.16525	393.89	393.89	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424128	5415893	0.16664	390	390	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424128	5415993	0.16181	390	390	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424128	5416093	0.1558	390.97	390.97	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424128	5416193	0.15351	388.86	388.86	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423228	5415193	0.13968	393.68	393.68	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423228	5415093	0.14406	392	392	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423328	5415193	0.14487	394	394	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423328	5415093	0.14881	391.99	391.99	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	423428	5415193	0.16315	395	395	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423428	5415093	0.15948	394	394	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423528	5415193	0.17917	396	396	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423528	5415093	0.17845	395	395	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423628	5415193	0.18642	397.96	397.96	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423628	5415093	0.1917	396	396	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423728	5415193	0.18969	398.97	398.97	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423728	5415093	0.19791	397	397	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423828	5415193	0.19402	398.4	398.4	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423828	5415093	0.20216	397	397	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423928	5415193	0.19276	399	399	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	423928	5415093	0.2017	397.77	397.77	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424028	5415193	0.18753	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424028	5415093	0.19713	398.97	398.97	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424028	5414993	0.20819	397.46	397.46	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424028	5414893	0.21891	396	396	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424028	5414793	0.22072	397.12	397.12	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424028	5414693	0.21703	399.44	399.44	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424128	5415193	0.18322	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424128	5415093	0.19315	399	399	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424128	5414993	0.20363	398	398	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424128	5414893	0.21391	397.14	397.14	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424128	5414793	0.21816	398	398	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424128	5414693	0.21953	399.38	399.38	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	420028	5413493	0.09849	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5413593	0.10754	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5413693	0.11692	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5413793	0.12447	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5413893	0.1285	379.08	379.08	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5413993	0.12849	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5414093	0.12522	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5414193	0.1209	377.89	377.89	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5414293	0.11765	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5414393	0.1164	373.92	373.92	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5414493	0.11667	372.25	372.25	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5414593	0.11719	373	373	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5414693	0.11796	375.1	375.1	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5414793	0.11812	375.76	375.76	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5414893	0.11631	375.64	375.64	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5414993	0.11201	378.09	378.09	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5415093	0.10534	380.44	380.44	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5415193	0.09855	380.23	380.23	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5415293	0.09255	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5415393	0.08823	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5415493	0.08623	379.87	379.87	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5415593	0.08615	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420028	5415693	0.08721	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5415793	0.08899	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5415893	0.0907	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5415993	0.09135	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5416093	0.09067	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	420028	5416193	0.0887	380.09	380.09	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5413493	0.09179	377.92	377.92	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5413593	0.09945	377.82	377.82	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5413693	0.10853	377.73	377.73	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5413793	0.1171	377.63	377.63	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5413893	0.12326	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5413993	0.12578	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5414093	0.12476	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5414193	0.12147	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5414293	0.11786	373.32	373.32	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5414393	0.11516	372.06	372.06	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5414493	0.11355	372	372	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5414593	0.11258	374.56	374.56	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5414693	0.11255	379.09	379.09	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5414793	0.11415	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5414893	0.11453	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5414993	0.11249	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5415093	0.10791	380.27	380.27	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5415193	0.10174	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5415293	0.09539	379.23	379.23	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5415393	0.08974	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5415493	0.08577	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5415593	0.08344	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5415693	0.08274	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5415793	0.08374	384	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5415893	0.08604	384.34	384.34	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5415993	0.08816	383.34	383.34	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5416093	0.08907	381.47	381.47	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5416193	0.08845	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5413493	0.08679	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5413593	0.09264	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5413693	0.10088	375.18	375.18	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5413793	0.1094	375.07	375.07	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5413893	0.11671	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5413993	0.12122	374	374	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5414093	0.12236	373	373	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5414193	0.12076	372.71	372.71	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5414293	0.11753	372	372	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5414393	0.11412	371.52	371.52	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5414493	0.11127	372	372	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5414593	0.10898	374.71	374.71	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5414693	0.10864	377.27	377.27	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5414793	0.10967	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5414893	0.11159	379.38	379.38	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5414993	0.11165	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5415093	0.10927	378.96	378.96	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5415193	0.10463	378.77	378.77	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5415293	0.09847	378.93	378.93	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5415393	0.09206	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5415493	0.08621	379.79	379.79	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5415593	0.08241	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5415693	0.07925	383.2	383.2	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5415793	0.07835	386.41	386.41	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5415893	0.07998	387.89	387.89	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5415993	0.08305	387	387	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5416093	0.08587	383.65	390	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419828	5416193	0.08691	379.04	392	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419728	5413493	0.08181	377.15	377.15	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5413593	0.08646	375.65	375.65	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5413693	0.09368	374	374	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5413793	0.10183	373	373	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5413893	0.10952	372.77	372.77	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5413993	0.11541	372	372	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5414093	0.11846	371.25	371.25	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5414193	0.11873	371	371	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5414293	0.11673	371	371	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5414393	0.11329	372	372	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5414493	0.10987	372.11	372.11	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5414593	0.10723	373	373	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5414693	0.10577	374.99	374.99	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5414793	0.10645	376	376	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5414893	0.10809	376.51	376.51	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5414993	0.10925	377	377	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5415093	0.10879	377.23	377.23	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5415193	0.10599	378.9	378.9	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5415293	0.10096	379.98	379.98	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5415393	0.09472	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5415493	0.08794	381.06	381.06	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5415593	0.08118	383.84	383.84	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5415693	0.07629	386.38	386.38	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5415793	0.0735	389.45	389.45	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5415893	0.07441	390	390	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5415993	0.07656	391	391	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5416093	0.07925	392	392	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419728	5416193	0.08216	391	391	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5413093	0.08685	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5413193	0.08404	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5413293	0.08298	380	380	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	419628	5413393	0.07838	380	380	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	419628	5413493	0.07794	378.97	378.97	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5413593	0.08081	377	377	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5413693	0.08665	375	375	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5413793	0.09439	372.96	372.96	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5413893	0.1023	371	371	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5413993	0.10887	370	370	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5414093	0.11377	371	371	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5414193	0.11591	371.12	371.12	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5414293	0.11546	372	372	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5414393	0.11276	372.03	372.03	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5414493	0.10833	375.26	375.26	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5414593	0.1037	377.75	377.75	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5414693	0.10262	375.85	375.85	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5414793	0.10256	375.94	375.94	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5414893	0.10394	376.04	376.04	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5414993	0.10556	377.11	377.11	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5415093	0.10646	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5415193	0.10565	380.49	380.49	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5415293	0.10236	382	382	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5415393	0.0967	383.57	383.57	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5415493	0.08949	385.26	385.26	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5415593	0.08206	386.93	386.93	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5415693	0.07608	388.07	388.07	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5415793	0.07237	389	389	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5415893	0.07177	388.71	388.71	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5415993	0.07242	390	390	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5416093	0.07463	391	391	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419628	5416193	0.07769	391	391	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5413093	0.08561	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5413193	0.08341	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419528	5413293	0.08208	380	380	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	419528	5413393	0.0793	380	380	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	419528	5413493	0.07552	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5413593	0.07685	378.23	378.23	0	MONTH	PIT	1ST	4/30/1996 24 hr
TMA	419528	5413693	0.08117	374.7	374.7	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5413793	0.08826	371.02	371.02	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5413893	0.09538	370	370	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5413993	0.10231	370.62	370.62	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5414093	0.10827	371	371	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5414193	0.11228	372	372	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5414293	0.11364	373.58	373.58	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5414393	0.112	374	374	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5414493	0.10795	377.2	377.2	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5414593	0.10251	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5414693	0.09927	379.49	379.49	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5414793	0.09841	378.41	378.41	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5414893	0.09921	378	378	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5414993	0.10081	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5415093	0.10276	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5415193	0.10363	381.42	381.42	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5415293	0.10228	383.74	383.74	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5415393	0.09825	386	386	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5415493	0.09235	386.85	386.85	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5415593	0.0857	386.76	386.76	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5415693	0.07981	385.66	385.66	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5415793	0.0754	384.57	384.57	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5415893	0.07204	385.47	385.47	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5415993	0.07011	387.98	387.98	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5416093	0.07094	389.08	389.08	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419528	5416193	0.0735	389.19	389.19	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5413093	0.08406	378	378	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5413193	0.08261	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5413293	0.08005	379	379	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	419428	5413393	0.07945	380	380	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	419428	5413493	0.0751	380	380	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	419428	5413593	0.07364	378.71	378.71	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5413693	0.07681	374.4	374.4	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5413793	0.08279	370.08	370.08	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5413893	0.08879	370	370	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5413993	0.09548	371	371	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5414093	0.1022	372	372	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5414193	0.10766	373.19	373.19	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5414293	0.1108	374.78	374.78	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5414393	0.11079	375	375	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5414493	0.10811	377	377	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5414593	0.10339	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5414693	0.09874	379.79	379.79	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5414793	0.09622	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5414893	0.09536	379.13	379.13	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5414993	0.09616	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5415093	0.09815	381.01	381.01	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5415193	0.09989	383.15	383.15	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5415293	0.10047	385	385	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5415393	0.09928	385	385	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5415493	0.09589	383.78	383.78	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5415593	0.09055	383	383	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5415693	0.08457	382.01	382.01	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5415793	0.07911	381	381	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5415893	0.07437	381.54	381.54	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5415993	0.0702	384.75	384.75	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5416093	0.06863	387	387	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419428	5416193	0.06928	388.7	388.7	0	MONTH	PIT	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419328	5413093	0.08215	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5413193	0.0815	378.95	378.95	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5413293	0.07937	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5413393	0.07861	381	381	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	419328	5413493	0.07599	380	380	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	419328	5413593	0.07243	376.33	376.33	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5413693	0.07415	372.21	372.21	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5413793	0.07792	370	370	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5413893	0.08281	370	370	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5413993	0.08886	371	371	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5414093	0.09559	372.81	372.81	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5414193	0.10203	374	374	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5414293	0.10672	375.05	375.05	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5414393	0.10867	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5414493	0.10763	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5414593	0.10414	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5414693	0.09945	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5414793	0.09505	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5414893	0.09262	380.23	380.23	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5414993	0.09184	381.51	381.51	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5415093	0.09293	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5415193	0.0953	384	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5415293	0.09769	383.97	383.97	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5415393	0.09879	382.06	382.06	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5415493	0.09731	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5415593	0.09362	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5415693	0.08834	379.62	379.62	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5415793	0.08243	379.62	379.62	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5415893	0.07596	382.14	382.14	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5415993	0.06956	386.55	386.55	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5416093	0.06595	389	389	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5416193	0.06532	390	390	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5413093	0.08114	377.57	377.57	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	419228	5413193	0.08008	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5413293	0.07864	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5413393	0.07683	380	380	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	419228	5413493	0.07626	377.16	377.16	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	419228	5413593	0.07262	372.84	372.84	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	419228	5413693	0.07226	369.96	369.96	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5413793	0.07434	369	369	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5413893	0.078	369	369	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5413993	0.08281	370.64	370.64	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5414093	0.08885	373.35	373.35	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5414193	0.09566	375.59	375.59	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5414293	0.10169	376.25	376.25	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5414393	0.10544	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5414493	0.10624	377.84	377.84	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5414593	0.10412	378.96	378.96	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5414693	0.09988	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5414793	0.09495	380.97	380.97	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5414893	0.0908	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5414993	0.08867	382.73	382.73	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5415093	0.08901	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5415193	0.09121	382.88	382.88	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5415293	0.09429	381.67	381.67	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5415393	0.09636	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5415493	0.09668	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5415593	0.09473	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5415693	0.09085	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5415793	0.08536	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5415893	0.0786	382.83	382.83	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419228	5415993	0.0709	387.77	387.77	0 MONTH	PIT	1ST		1/31/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419228	5416093	0.06607	389.06	389.06	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419228	5416193	0.06352	390	390	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5413093	0.08273	377	377	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	419128	5413193	0.07836	377.7	377.7	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5413293	0.07767	377.75	377.75	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5413393	0.07566	376.54	376.54	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5413493	0.07472	373.22	373.22	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	419128	5413593	0.07244	369.9	369.9	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	419128	5413693	0.07053	369	369	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5413793	0.07145	368.28	368.28	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5413893	0.07323	370.05	370.05	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5413993	0.07607	374.28	374.28	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5414093	0.08131	377.69	377.69	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5414193	0.08845	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5414293	0.09565	378.74	378.74	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5414393	0.10106	378	378	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5414493	0.10377	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5414593	0.10341	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5414693	0.10041	380.34	380.34	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5414793	0.09582	381	381	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5414893	0.09128	381.23	381.23	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5414993	0.08822	381	381	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5415093	0.08708	381	381	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5415193	0.08795	381	381	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5415293	0.09036	380.44	380.44	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5415393	0.09291	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5415493	0.09448	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5415593	0.09435	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5415693	0.09217	378	378	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5415793	0.08811	378.43	378.43	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5415893	0.08226	381.39	381.39	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5415993	0.07562	383.76	383.76	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5416093	0.06978	384.98	384.98	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5416193	0.06642	384	384	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5416393	0.06543	381.62	391	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5416593	0.06972	376.62	376.62	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5416793	0.07262	373.32	373.32	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5416993	0.07212	370	370	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5417193	0.06942	370	370	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5417393	0.0652	372	372	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419128	5417593	0.06791	373	373	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	419128	5417793	0.07539	371	371	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	419128	5417993	0.07975	366.05	366.05	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	419128	5418193	0.08308	370	370	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	419128	5418393	0.08199	369.68	369.68	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	419128	5418593	0.07582	362.04	362.04	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	419128	5418793	0.07204	363	363	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	419128	5418993	0.06693	363	363	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	419128	5419193	0.06124	362	362	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	419328	5416393	0.06974	389.8	389.8	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419328	5416593	0.07628	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419328	5416793	0.07631	375	375	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419328	5416993	0.07279	372	372	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419328	5417193	0.06799	373.69	373.69	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	419328	5417393	0.07168	375.97	375.97	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	419328	5417593	0.07998	375	375	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	419328	5417793	0.08523	370.19	370.19	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	419328	5417993	0.08604	367.5	367.5	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	419328	5418193	0.08519	370	370	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	419328	5418393	0.08062	368.56	368.56	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	419328	5418593	0.07446	364.82	364.82	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	419328	5418793	0.06863	365	365	0	MONTH	PIT	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419328	5418993	0.06245	365	365	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419328	5419193	0.05623	364	364	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419528	5416393	0.07922	387	387	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419528	5416593	0.08033	382.03	382.03	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419528	5416793	0.07635	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419528	5416993	0.07102	374.51	374.51	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419528	5417193	0.07576	379.24	379.24	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419528	5417393	0.08477	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419528	5417593	0.09125	378	378	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419528	5417793	0.09196	373.78	373.78	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419528	5417993	0.08831	369.84	369.84	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419528	5418193	0.08333	370	370	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419528	5418393	0.07702	370	370	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419528	5418593	0.07007	366.98	366.98	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419528	5418793	0.06326	367	367	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419528	5418993	0.05655	368	368	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419528	5419193	0.05101	367	367	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	419728	5416393	0.08421	379.91	390	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419728	5416593	0.07991	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419728	5416793	0.07364	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419728	5416993	0.08097	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419728	5417193	0.09067	376.34	376.34	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419728	5417393	0.09642	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419728	5417593	0.0968	379	379	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419728	5417793	0.09246	376	376	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419728	5417993	0.08602	376.16	376.16	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419728	5418193	0.07884	371.96	371.96	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419728	5418393	0.07135	370	370	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419728	5418593	0.06386	370	370	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419728	5418793	0.05655	369	369	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419728	5418993	0.05464	370	370	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	419728	5419193	0.05647	369.35	369.35	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	419928	5416393	0.08382	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5416593	0.07736	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5416793	0.08691	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419928	5416993	0.09645	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419928	5417193	0.10166	379.01	379.01	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419928	5417393	0.10089	382.65	382.65	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419928	5417593	0.09524	383	383	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419928	5417793	0.08795	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419928	5417993	0.08017	380	380	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419928	5418193	0.07232	375.81	375.81	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419928	5418393	0.06416	371	371	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	419928	5418593	0.05642	372	372	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	419928	5418793	0.05872	371.94	371.94	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	419928	5418993	0.06078	374	374	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	419928	5419193	0.06135	371.55	371.55	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	420128	5416393	0.08304	379	391	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	420128	5416593	0.0933	380.31	380.31	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	420128	5416793	0.10278	380.79	380.79	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	420128	5416993	0.10716	381.72	381.72	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	420128	5417193	0.10485	384.07	384.07	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	420128	5417393	0.09732	387.27	387.27	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	420128	5417593	0.08811	390	390	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	420128	5417793	0.07986	390	390	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	420128	5417993	0.07146	389.32	389.32	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	420128	5418193	0.06392	376.69	376.69	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	420128	5418393	0.06062	376	376	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	420128	5418593	0.06321	378.22	378.22	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	420128	5418793	0.06528	378	378	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	420128	5418993	0.06516	375	375	0 MONTH	PIT	1ST		12/31/1996 24 hr
TMA	420128	5419193	0.06214	370.18	370.18	0 MONTH	PIT	1ST		12/31/1996 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420328	5416393	0.09411	394.11	394.11	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420328	5416593	0.10759	388.83	402	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420328	5416793	0.11105	390	390	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420328	5416993	0.10836	387	387	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420328	5417193	0.09928	390.17	390.17	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420328	5417393	0.08967	391.55	391.55	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420328	5417593	0.07803	398.53	398.53	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420328	5417793	0.07141	389.83	395	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420328	5417993	0.06287	382.29	382.29	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420328	5418193	0.06545	379	379	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	420328	5418393	0.06816	380	380	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	420328	5418593	0.06965	381.41	389	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	420328	5418793	0.06846	378.66	378.66	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	420328	5418993	0.06436	374.03	374.03	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	420328	5419193	0.06169	370	370	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	420528	5416393	0.10756	400	400	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420528	5416593	0.11158	398.52	398.52	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420528	5416793	0.10938	394.09	394.09	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420528	5416993	0.10224	390	390	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420528	5417193	0.0884	398.39	398.39	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420528	5417393	0.07845	399	399	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420528	5417593	0.06986	394	394	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420528	5417793	0.06604	388.71	388.71	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	420528	5417993	0.07058	384.08	384.08	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	420528	5418193	0.07318	382.79	382.79	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	420528	5418393	0.0735	386	386	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	420528	5418593	0.07075	389	389	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	420528	5418793	0.06783	382.54	382.54	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	420528	5418993	0.06486	377.9	377.9	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	420528	5419193	0.06003	370	370	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	420728	5416393	0.11546	399.94	399.94	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420728	5416593	0.10086	408.61	408.61	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420728	5416793	0.0963	403.72	407	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420728	5416993	0.08892	400	400	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420728	5417193	0.07807	400	400	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420728	5417393	0.06674	400	400	0	MONTH	PIT	1ST	11/30/1999 24 hr
TMA	420728	5417593	0.07039	395.45	395.45	0	MONTH	PIT	1ST	11/30/1998 24 hr
TMA	420728	5417793	0.07562	390.59	390.59	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	420728	5417993	0.07787	386.08	386.08	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	420728	5418193	0.0763	386.97	386.97	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	420728	5418393	0.07219	389	389	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	420728	5418593	0.07017	389.52	389.52	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	420728	5418793	0.066	387.61	387.61	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	420728	5418993	0.06071	379.78	379.78	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	420728	5419193	0.05625	370	370	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	420928	5416393	0.11786	393.03	393.03	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420928	5416593	0.09701	405.33	411	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420928	5416793	0.08159	410.89	410.89	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420928	5416993	0.07765	400	400	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420928	5417193	0.07159	398	398	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	420928	5417393	0.0758	399	399	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	420928	5417593	0.07855	400.9	400.9	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	420928	5417793	0.07939	399.46	399.46	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	420928	5417993	0.0778	389.18	389.18	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	420928	5418193	0.07542	388.2	388.2	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	420928	5418393	0.07154	388	388	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	420928	5418593	0.06576	388	388	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	420928	5418793	0.06	382.29	382.29	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	420928	5418993	0.05592	377	377	0	MONTH	PIT	1ST	8/31/1997 24 hr
TMA	420928	5419193	0.05463	375.98	375.98	0	MONTH	PIT	1ST	8/31/1997 24 hr
TMA	421128	5416393	0.10376	399.78	399.78	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421128	5416593	0.09105	399	399	0	MONTH	PIT	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421128	5416793	0.0768	400	400	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421128	5416993	0.0793	396.98	396.98	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	421128	5417193	0.08429	394.98	394.98	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	421128	5417393	0.08519	397	397	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	421128	5417593	0.08192	399.35	399.35	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	421128	5417793	0.07972	395.88	395.88	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	421128	5417993	0.07731	390.72	390.72	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	421128	5418193	0.07186	387.91	387.91	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	421128	5418393	0.06555	384	384	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	421128	5418593	0.06004	385	385	0	MONTH	PIT	1ST	8/31/1997 24 hr
TMA	421128	5418793	0.0588	383.17	383.17	0	MONTH	PIT	1ST	8/31/1997 24 hr
TMA	421128	5418993	0.05671	379.7	379.7	0	MONTH	PIT	1ST	8/31/1997 24 hr
TMA	421128	5419193	0.05432	380	380	0	MONTH	PIT	1ST	8/31/1997 24 hr
TMA	421328	5416393	0.09028	400	400	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	421328	5416593	0.08064	400	400	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	421328	5416793	0.08715	397	397	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	421328	5416993	0.09127	394	394	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	421328	5417193	0.09105	391.11	391.11	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	421328	5417393	0.08614	392	392	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	421328	5417593	0.08367	391.25	391.25	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	421328	5417793	0.0784	389.44	389.44	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	421328	5417993	0.07178	385.84	385.84	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	421328	5418193	0.06558	381.99	381.99	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	421328	5418393	0.06279	379	379	0	MONTH	PIT	1ST	8/31/1997 24 hr
TMA	421328	5418593	0.06082	379.18	379.18	0	MONTH	PIT	1ST	8/31/1997 24 hr
TMA	421328	5418793	0.05828	381	381	0	MONTH	PIT	1ST	8/31/1997 24 hr
TMA	421328	5418993	0.05932	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	421328	5419193	0.06174	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	421528	5416393	0.08913	400	400	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	421528	5416593	0.09342	400	400	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	421528	5416793	0.09567	397.27	397.27	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	421528	5416993	0.09304	394	394	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	421528	5417193	0.09082	390	390	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	421528	5417393	0.086	388	388	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	421528	5417593	0.07902	386.15	386.15	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	421528	5417793	0.07165	385	385	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	421528	5417993	0.06759	382.74	382.74	0	MONTH	PIT	1ST	8/31/1997 24 hr
TMA	421528	5418193	0.06545	379.83	379.83	0	MONTH	PIT	1ST	8/31/1997 24 hr
TMA	421528	5418393	0.06281	376.17	376.17	0	MONTH	PIT	1ST	8/31/1997 24 hr
TMA	421528	5418593	0.0638	376	376	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	421528	5418793	0.06664	378.02	378.02	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	421528	5418993	0.06867	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	421528	5419193	0.06991	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	421728	5416393	0.10367	394.58	394.58	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	421728	5416593	0.09954	398	398	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	421728	5416793	0.09522	398.9	398.9	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	421728	5416993	0.09056	400	400	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	421728	5417193	0.08496	395.23	395.23	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	421728	5417393	0.07845	388.37	410	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	421728	5417593	0.07277	386	386	0	MONTH	PIT	1ST	8/31/1997 24 hr
TMA	421728	5417793	0.07066	382.99	382.99	0	MONTH	PIT	1ST	8/31/1997 24 hr
TMA	421728	5417993	0.06784	380	380	0	MONTH	PIT	1ST	8/31/1997 24 hr
TMA	421728	5418193	0.06864	377	377	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	421728	5418393	0.07174	379.94	379.94	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	421728	5418593	0.07461	377.01	377.01	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	421728	5418793	0.07734	373	373	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	421728	5418993	0.07882	376.17	376.17	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	421728	5419193	0.08066	377.53	377.53	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	421928	5416393	0.10538	392.6	392.6	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	421928	5416593	0.10105	395	395	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	421928	5416793	0.09309	397	397	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	421928	5416993	0.0832	399	399	0	MONTH	PIT	1ST	12/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421928	5417193	0.07362	409.1	409.1	0 MONTH	PIT	1ST		8/31/1997 24 hr
TMA	421928	5417393	0.07115	410	410	0 MONTH	PIT	1ST		8/31/1997 24 hr
TMA	421928	5417593	0.07225	393	411	0 MONTH	PIT	1ST		8/31/1997 24 hr
TMA	421928	5417793	0.07308	384	384	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	421928	5417993	0.07764	380.75	380.75	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	421928	5418193	0.08092	378.7	378.7	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	421928	5418393	0.08275	381	381	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	421928	5418593	0.08482	382	382	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	421928	5418793	0.0887	373.64	373.64	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	421928	5418993	0.09038	371.04	371.04	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	421928	5419193	0.09123	370.75	370.75	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422128	5416393	0.1042	394	394	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422128	5416593	0.09447	395.06	395.06	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422128	5416793	0.0848	396	396	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422128	5416993	0.0807	399	399	0 MONTH	PIT	1ST		8/31/1997 24 hr
TMA	422128	5417193	0.07391	407.86	407.86	0 MONTH	PIT	1ST		8/31/1997 24 hr
TMA	422128	5417393	0.07031	406.01	406.01	0 MONTH	PIT	1ST		8/31/1997 24 hr
TMA	422128	5417593	0.0773	397.06	399	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422128	5417793	0.0873	383	383	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422128	5417993	0.09077	381.1	381.1	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422128	5418193	0.0938	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422128	5418393	0.09635	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422128	5418593	0.09846	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422128	5418793	0.09976	378	378	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422128	5418993	0.09928	375	375	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422128	5419193	0.09701	372	372	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422328	5416393	0.09381	397.94	397.94	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422328	5416593	0.08733	400	400	0 MONTH	PIT	1ST		8/31/1997 24 hr
TMA	422328	5416793	0.08432	398	398	0 MONTH	PIT	1ST		8/31/1997 24 hr
TMA	422328	5416993	0.08077	399.85	399.85	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422328	5417193	0.08275	400	400	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422328	5417393	0.08217	404.9	410	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422328	5417593	0.09552	390.69	410	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422328	5417793	0.1023	383.61	383.61	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422328	5417993	0.10586	381	381	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422328	5418193	0.10792	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422328	5418393	0.10848	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422328	5418593	0.10742	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422328	5418793	0.10462	379.44	379.44	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422328	5418993	0.10042	375.81	375.81	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422328	5419193	0.09547	371.17	371.17	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422528	5416393	0.09228	398.06	398.06	0 MONTH	PIT	1ST		8/31/1997 24 hr
TMA	422528	5416593	0.08681	403.25	403.25	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422528	5416793	0.08992	401.07	401.07	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422528	5416993	0.09062	403	403	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422528	5417193	0.099	398.82	398.82	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422528	5417393	0.10774	393.16	393.16	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422528	5417593	0.11413	388	388	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422528	5417793	0.11489	390	390	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422528	5417993	0.11815	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422528	5418193	0.11594	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422528	5418393	0.11189	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422528	5418593	0.10637	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422528	5418793	0.10084	376.32	376.32	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422528	5418993	0.09527	373.94	373.94	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422528	5419193	0.09069	370.17	370.17	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422728	5416393	0.101	398.18	411	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422728	5416593	0.09386	408.5	408.5	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	422728	5416793	0.10409	403.45	403.45	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422728	5416993	0.10068	409	409	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422728	5417193	0.10231	410	410	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	422728	5417393	0.11534	401.29	407	0 MONTH	PIT	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422728	5417593	0.12545	389.01	389.01	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422728	5417793	0.1245	383	383	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422728	5417993	0.12001	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422728	5418193	0.11318	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422728	5418393	0.10608	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422728	5418593	0.09989	378.4	378.4	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422728	5418793	0.09487	376	376	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422728	5418993	0.09267	372	372	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	422728	5419193	0.09173	371	371	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	422928	5416393	0.12588	396	396	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422928	5416593	0.12759	397.97	397.97	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422928	5416793	0.12779	399.57	399.57	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422928	5416993	0.11049	411	411	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422928	5417193	0.1103	410.25	410.25	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422928	5417393	0.11949	401.05	401.05	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422928	5417593	0.12451	388.47	388.47	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422928	5417793	0.11916	384	384	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422928	5417993	0.1138	378.62	378.62	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422928	5418193	0.10706	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422928	5418393	0.1034	380	380	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	422928	5418593	0.10308	379	379	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	422928	5418793	0.10124	378.45	378.45	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	422928	5418993	0.09785	377.26	377.26	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	422928	5419193	0.09327	376.08	376.08	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	423128	5416393	0.13995	400	400	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423128	5416593	0.13874	399.94	399.94	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423128	5416793	0.1345	400.25	400.25	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423128	5416993	0.1131	409.88	409.88	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423128	5417193	0.11403	405.04	405.04	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423128	5417393	0.1187	394.92	394.92	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423128	5417593	0.11586	389.14	389.14	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423128	5417793	0.11479	380.07	380.07	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	423128	5417993	0.11416	378.23	378.23	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	423128	5418193	0.11133	375	375	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	423128	5418393	0.10807	377.79	377.79	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	423128	5418593	0.10307	379.27	379.27	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	423128	5418793	0.09689	380	380	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	423128	5418993	0.09233	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423128	5419193	0.08933	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423328	5416393	0.14717	399	399	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423328	5416593	0.13968	399	399	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423328	5416793	0.12964	399.91	399.91	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423328	5416993	0.1205	400.28	400.28	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423328	5417193	0.12441	390.84	390.84	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	423328	5417393	0.12602	387	387	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	423328	5417593	0.12448	383.65	383.65	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	423328	5417793	0.12024	381	381	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	423328	5417993	0.1141	380	380	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	423328	5418193	0.10699	375.14	375.14	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423328	5418393	0.10303	373	373	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423328	5418593	0.0991	375	375	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423328	5418793	0.09494	377	377	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423328	5418993	0.0905	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423328	5419193	0.08603	376.58	376.58	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423528	5416393	0.14958	394.06	394.06	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423528	5416593	0.13362	398.27	398.27	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423528	5416793	0.13801	392.03	392.03	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	423528	5416993	0.13714	389.28	389.28	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	423528	5417193	0.13311	387	387	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	423528	5417393	0.12624	386	386	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	423528	5417593	0.11868	384.09	384.09	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423528	5417793	0.11481	382	382	0	MONTH	PIT	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	423528	5417993	0.11032	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423528	5418193	0.10546	376.63	376.63	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423528	5418393	0.10022	371.99	371.99	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423528	5418593	0.09504	371.05	371.05	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423528	5418793	0.08977	373.46	373.46	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423528	5418993	0.08455	375	375	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423528	5419193	0.08019	373.28	373.28	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423728	5416393	0.15646	386.22	386.22	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	423728	5416593	0.14903	388.07	388.07	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	423728	5416793	0.14127	386.34	386.34	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	423728	5416993	0.13419	385	385	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423728	5417193	0.12876	384	384	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423728	5417393	0.12329	382.05	382.05	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423728	5417593	0.11709	381	381	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423728	5417793	0.11063	380.25	380.25	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423728	5417993	0.10436	379.06	379.06	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423728	5418193	0.09884	376	376	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423728	5418393	0.09398	372	372	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423728	5418593	0.08923	370	370	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423728	5418793	0.08413	371.39	371.39	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423728	5418993	0.08197	372	372	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	423728	5419193	0.08046	371	371	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	423928	5416393	0.15187	387.1	387.1	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423928	5416593	0.14902	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423928	5416793	0.13986	381.26	381.26	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423928	5416993	0.13218	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423928	5417193	0.12392	380.38	380.38	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423928	5417393	0.11623	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423928	5417593	0.11085	374.29	374.29	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423928	5417793	0.10513	371.1	371.1	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423928	5417993	0.09918	371	371	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423928	5418193	0.09517	371	371	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	423928	5418393	0.09299	370	370	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	423928	5418593	0.09053	369	369	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	423928	5418793	0.08823	369.05	369.05	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	423928	5418993	0.08613	370	370	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	423928	5419193	0.08289	368.13	368.13	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424128	5416393	0.14943	382	382	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	424128	5416593	0.14155	378.35	378.35	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	424128	5416793	0.13325	376	376	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	424128	5416993	0.12493	375.34	375.34	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	424128	5417193	0.11821	372.52	372.52	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	424128	5417393	0.11264	372	372	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424128	5417593	0.11039	374	374	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424128	5417793	0.10794	375.97	375.97	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424128	5417993	0.10506	377	377	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424128	5418193	0.10128	374.7	374.7	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424128	5418393	0.09634	370	370	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424128	5418593	0.09284	370	370	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424128	5418793	0.08932	370	370	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424128	5418993	0.0861	370.91	370.91	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424128	5419193	0.08266	371.07	371.07	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424328	5416393	0.14061	379.87	379.87	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	424328	5416593	0.13633	377.23	377.23	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424328	5416793	0.13211	374.6	374.6	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424328	5416993	0.12744	373	373	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424328	5417193	0.12376	375.86	375.86	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424328	5417393	0.11955	378	378	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424328	5417593	0.11503	379.95	379.95	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424328	5417793	0.11014	380	380	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424328	5417993	0.10522	380	380	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424328	5418193	0.10026	379.16	379.16	0	MONTH	PIT	1ST	8/31/1996 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	424328	5418393	0.09483	374.52	374.52	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424328	5418593	0.08935	370.41	370.41	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424328	5418793	0.08566	373	373	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424328	5418993	0.08179	375	375	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424328	5419193	0.07775	374.79	374.79	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424528	5416393	0.14907	378.75	378.75	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424528	5416593	0.14153	375	375	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424528	5416793	0.13442	374	374	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424528	5416993	0.12817	375.88	375.88	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424528	5417193	0.12187	378	378	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424528	5417393	0.11543	379	379	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424528	5417593	0.10916	380	380	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424528	5417793	0.10309	380	380	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424528	5417993	0.09729	379	379	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424528	5418193	0.0918	377.8	377.8	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	424528	5418393	0.09075	374.41	374.41	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424528	5418593	0.08996	371.23	371.23	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424528	5418793	0.08856	376	376	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424528	5418993	0.0871	379	379	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424528	5419193	0.08592	378.99	378.99	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424728	5416393	0.14226	374.18	374.18	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424728	5416593	0.13355	375	375	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424728	5416793	0.12527	376	376	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424728	5416993	0.11946	377	377	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424728	5417193	0.11797	377	377	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424728	5417393	0.11618	377.4	377.4	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424728	5417593	0.1142	378	378	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424728	5417793	0.11202	379	379	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424728	5417993	0.10975	380	380	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424728	5418193	0.10774	378.1	378.1	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424728	5418393	0.10526	373	373	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424728	5418593	0.10281	373.35	373.35	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424728	5418793	0.10063	378.35	378.35	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424728	5418993	0.09818	380	380	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424728	5419193	0.09577	380	380	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424928	5416393	0.15317	377.58	377.58	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424928	5416593	0.14914	378	378	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424928	5416793	0.14517	377	377	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424928	5416993	0.14099	376	376	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424928	5417193	0.1367	376	376	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424928	5417393	0.13236	375.31	375.31	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424928	5417593	0.12814	376	376	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424928	5417793	0.124	377	377	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424928	5417993	0.11991	378	378	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424928	5418193	0.11554	375.01	375.01	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424928	5418393	0.11083	372	372	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424928	5418593	0.10788	376.8	376.8	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424928	5418793	0.1043	380	380	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424928	5418993	0.10061	380	380	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424928	5419193	0.09695	379	379	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	425128	5416393	0.16686	379	379	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	425128	5416593	0.15972	378	378	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	425128	5416793	0.15267	376	376	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	425128	5416993	0.14652	375	375	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425128	5417193	0.14147	374.87	374.87	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425128	5417393	0.13677	374	374	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425128	5417593	0.1322	374	374	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425128	5417793	0.12781	374.56	374.56	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425128	5417993	0.12364	374.82	374.82	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425128	5418193	0.11962	373	373	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425128	5418393	0.11578	373.86	373.86	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425128	5418593	0.11204	377.58	377.58	0	MONTH	PIT	1ST	2/28/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	425128	5418793	0.10829	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425128	5418993	0.10487	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425128	5419193	0.10156	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425328	5416393	0.17521	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425328	5416593	0.16851	376	376	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425328	5416793	0.16163	375	375	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425328	5416993	0.15481	375	375	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425328	5417193	0.14836	375	375	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425328	5417393	0.14224	375	375	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425328	5417593	0.13644	375	375	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425328	5417793	0.13109	374	374	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425328	5417993	0.126	373	373	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425328	5418193	0.12103	373	373	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425328	5418393	0.11614	374	374	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425328	5418593	0.11126	376	376	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425328	5418793	0.10791	378.11	378.11	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	425328	5418993	0.105	380	380	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	425328	5419193	0.10189	380	380	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	425528	5416393	0.18121	376	376	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425528	5416593	0.17212	376	376	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425528	5416793	0.16329	377	377	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	425528	5416993	0.15652	377.25	377.25	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	425528	5417193	0.15038	378.47	378.47	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	425528	5417393	0.14446	379	379	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	425528	5417593	0.13847	377.29	377.29	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	425528	5417793	0.13283	376	376	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	425528	5417993	0.12753	375	375	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	425528	5418193	0.1225	374	374	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	425528	5418393	0.11773	373	373	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	425528	5418593	0.11355	373.05	373.05	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	425528	5418793	0.11017	375.11	375.11	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	425528	5418993	0.10683	377.03	377.03	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	425528	5419193	0.10358	379	379	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	425728	5416393	0.18807	377	377	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5416593	0.17773	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5416793	0.16848	378.61	378.61	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5416993	0.1601	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5417193	0.15198	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5417393	0.14507	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5417593	0.13882	379.69	379.69	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5417793	0.13296	379.45	379.45	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5417993	0.12826	377.55	377.55	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5418193	0.12389	375.34	375.34	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5418393	0.11977	373	373	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5418593	0.1154	372	372	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5418793	0.11094	372.08	372.08	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5418993	0.1065	373	373	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5419193	0.10216	374.4	374.4	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5416393	0.20128	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5416593	0.19035	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5416793	0.18115	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5416993	0.17267	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5417193	0.16483	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5417393	0.15756	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5417593	0.1513	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5417793	0.14491	379.16	379.16	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5417993	0.13968	377.29	377.29	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5418193	0.1347	375	375	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5418393	0.12979	373	373	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5418593	0.12492	372	372	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5418793	0.1203	371	371	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5418993	0.11585	371	371	0	MONTH	PIT	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	425928	5419193	0.11172	370	370	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5416393	0.21967	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5416593	0.20811	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5416793	0.1973	380.2	380.2	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5416993	0.18764	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5417193	0.17859	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5417393	0.17024	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5417593	0.16251	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5417793	0.15536	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5417993	0.15015	376.57	376.57	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5418193	0.14458	374	374	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5418393	0.13887	373	373	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5418593	0.13349	372	372	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5418793	0.12829	372	372	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5418993	0.12353	371	371	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5419193	0.11902	370	370	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5416393	0.23158	379.29	379.29	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5416593	0.21979	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5416793	0.20919	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5416993	0.19919	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5417193	0.18975	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5417393	0.18087	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5417593	0.17305	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5417793	0.16567	377.97	377.97	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5417993	0.15934	375	375	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5418193	0.15266	374	374	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5418393	0.14638	373	373	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5418593	0.14003	374	374	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5418793	0.1343	374	374	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5418993	0.12894	373.99	373.99	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5419193	0.12413	373	373	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5416393	0.22485	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5416593	0.21632	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5416793	0.20807	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5416993	0.20056	379.12	379.12	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5417193	0.19324	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5417393	0.1859	377.22	377.22	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5417593	0.17861	377	377	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5417793	0.17172	376	376	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5417993	0.16489	376	376	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5418193	0.15832	376	376	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5418393	0.15167	377.61	377.61	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5418593	0.14553	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5418793	0.13974	377.99	377.99	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5418993	0.13468	376	376	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5419193	0.12992	373.05	373.05	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5416393	0.20003	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5416593	0.19554	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5416793	0.19038	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5416993	0.18577	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5417193	0.18071	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5417393	0.17572	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5417593	0.17068	378.4	378.4	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5417793	0.16569	378.97	378.97	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5417993	0.16111	378.02	378.02	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5418193	0.15633	378.12	378.12	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5418393	0.15133	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5418593	0.14672	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5418793	0.1423	378.92	378.92	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5418993	0.13783	375.39	375.39	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5419193	0.13313	373	373	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426928	5416393	0.16515	381	381	0	MONTH	PIT	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	426928	5416593	0.16276	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	426928	5416793	0.16027	379.17	379.17	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	426928	5416993	0.15669	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	426928	5417193	0.15381	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	426928	5417393	0.15102	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	426928	5417593	0.1483	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	426928	5417793	0.14563	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	426928	5417993	0.14342	379	379	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	426928	5418193	0.14077	379	379	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	426928	5418393	0.13784	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	426928	5418593	0.13497	381	381	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	426928	5418793	0.13266	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	426928	5418993	0.13038	375.12	375.12	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	426928	5419193	0.12683	370.48	370.48	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	427128	5416393	0.14096	381.16	381.16	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	427128	5416593	0.13802	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	427128	5416793	0.13482	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	427128	5416993	0.132	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	427128	5417193	0.12942	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	427128	5417393	0.12704	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	427128	5417593	0.12481	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	427128	5417793	0.12328	379	379	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	427128	5417993	0.1213	379	379	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	427128	5418193	0.11894	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	427128	5418393	0.11675	380.92	380.92	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	427128	5418593	0.11461	382	382	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	427128	5418793	0.11361	381	381	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	427128	5418993	0.11456	373.01	373.01	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	427128	5419193	0.11318	369	369	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424328	5416193	0.14806	383.5	383.5	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424328	5415993	0.15654	386.14	386.14	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424328	5415793	0.16364	389.77	389.77	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424328	5415593	0.16935	393.41	393.41	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424328	5415393	0.17997	393.82	393.82	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424328	5415193	0.18936	394.88	394.88	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424328	5414993	0.19598	397.14	397.14	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424328	5414793	0.20101	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424328	5408393	0.69775	350.25	350.25	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	424328	5408193	0.61879	353.95	353.95	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	424528	5416193	0.15572	382	382	0 MONTH	PIT	1ST		8/31/1996 24 hr
TMA	424528	5415993	0.16148	384.26	384.26	0 MONTH	PIT	1ST		8/31/1996 24 hr
TMA	424528	5415793	0.16669	385.08	385.08	0 MONTH	PIT	1ST		8/31/1996 24 hr
TMA	424528	5415593	0.17068	387.26	387.26	0 MONTH	PIT	1ST		8/31/1996 24 hr
TMA	424528	5415393	0.17998	388	388	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424528	5415193	0.18907	390.8	390.8	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424528	5414993	0.19582	394.07	394.07	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424528	5414793	0.20967	394.2	394.2	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424728	5416193	0.15224	377.27	377.27	0 MONTH	PIT	1ST		8/31/1996 24 hr
TMA	424728	5415993	0.1623	380.25	380.25	0 MONTH	PIT	1ST		8/31/1996 24 hr
TMA	424728	5415793	0.17223	379.46	379.46	0 MONTH	PIT	1ST		8/31/1996 24 hr
TMA	424728	5415593	0.1823	381	381	0 MONTH	PIT	1ST		8/31/1996 24 hr
TMA	424728	5415393	0.19205	382.51	382.51	0 MONTH	PIT	1ST		8/31/1996 24 hr
TMA	424728	5415193	0.20078	385.2	385.2	0 MONTH	PIT	1ST		8/31/1996 24 hr
TMA	424728	5414993	0.2091	386.34	386.34	0 MONTH	PIT	1ST		8/31/1996 24 hr
TMA	424728	5414793	0.21705	387.03	387.03	0 MONTH	PIT	1ST		8/31/1996 24 hr
TMA	424928	5416193	0.15731	375.96	375.96	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	424928	5415993	0.16116	375	375	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	424928	5415793	0.1661	376.94	376.94	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424928	5415593	0.17338	378.04	378.04	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	424928	5415393	0.18311	379	379	0 MONTH	PIT	1ST		8/31/1996 24 hr
TMA	424928	5415193	0.19739	379	379	0 MONTH	PIT	1ST		8/31/1996 24 hr
TMA	424928	5414993	0.21205	381.96	381.96	0 MONTH	PIT	1ST		8/31/1996 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	424928	5414793	0.22469	387.99	387.99	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424928	5414593	0.23783	390.16	390.16	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424928	5414393	0.2556	387.14	387.14	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	425128	5416193	0.17435	379	379	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	425128	5415993	0.18205	379.01	379.01	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	425128	5415793	0.19047	376.76	376.76	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	425128	5415593	0.19875	376	376	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	425128	5415393	0.20678	377	377	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	425128	5415193	0.21406	379	379	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	425128	5414993	0.2197	381.84	381.84	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	425128	5414793	0.22459	385.44	385.44	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425128	5414593	0.23358	386.97	386.97	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425128	5414393	0.25657	383	383	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425328	5416193	0.18257	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425328	5415993	0.191	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425328	5415793	0.20149	377	377	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425328	5415593	0.21143	377	377	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425328	5415393	0.22221	377	377	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425328	5415193	0.234	377	377	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425328	5414993	0.24585	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425328	5414793	0.25517	381.36	381.36	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425328	5414593	0.26922	382	382	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425328	5414393	0.28811	381	381	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425528	5416193	0.19028	377	377	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425528	5415993	0.20076	377	377	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425528	5415793	0.21205	377	377	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425528	5415593	0.22422	377	377	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425528	5415393	0.23637	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425528	5415193	0.25053	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425528	5414993	0.26592	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425528	5414793	0.28115	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425528	5414593	0.29933	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425528	5414393	0.31722	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5416193	0.19933	376	376	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5415993	0.21083	376	376	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5415793	0.22248	377	377	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5415593	0.23618	377	377	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5415393	0.25008	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5415193	0.26659	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5414993	0.28332	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5414793	0.30156	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5414593	0.32363	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5414393	0.34824	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425728	5414193	0.37292	381	381	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5416193	0.21407	377.1	377.1	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5415993	0.22644	377	377	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5415793	0.23992	377	377	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5415593	0.25356	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5415393	0.2697	378.1	378.1	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5415193	0.28614	379.07	379.07	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5414993	0.30544	379.38	379.38	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5414793	0.32274	381.46	381.46	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5414593	0.34537	382	382	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5414393	0.37542	381	381	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425928	5414193	0.40942	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5416193	0.23401	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5415993	0.24782	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5415793	0.26286	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5415593	0.27815	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5415393	0.29454	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5415193	0.31202	381	381	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5414993	0.33188	381.37	381.37	0	MONTH	PIT	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	426128	5414793	0.34601	384.49	384.49	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5414593	0.3706	384	384	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5414393	0.40255	382	382	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5414193	0.43747	380.01	380.01	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5416193	0.24374	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5415993	0.25582	379.58	379.58	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5415793	0.26738	381	381	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5415593	0.27625	383.94	383.94	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5415393	0.28763	385.11	385.11	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5415193	0.2964	387.15	387.15	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5414993	0.30813	388	388	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5414793	0.33381	385	385	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5414593	0.36362	381	381	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5414393	0.3864	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426328	5414193	0.4084	379.9	379.9	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5416193	0.23368	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5415993	0.24056	382	382	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5415793	0.24609	384.43	384.43	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5415593	0.24988	387.14	387.14	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5415393	0.25167	390	390	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5415193	0.26056	390	390	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5414993	0.26974	390	390	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5414793	0.29103	386.24	386.24	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5414593	0.31617	380.69	380.69	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5414393	0.33236	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426528	5414193	0.34851	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5416193	0.20336	382	382	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5415993	0.20606	384	384	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5415793	0.2081	386	386	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5415593	0.20942	388	388	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5415393	0.21004	390	390	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5415193	0.21755	388.86	388.86	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5414993	0.22045	389.95	389.95	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5414793	0.23766	385.44	385.44	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5414593	0.25789	379.81	379.81	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5414393	0.27281	378.03	378.03	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426728	5414193	0.28747	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426928	5416193	0.16659	383	383	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426928	5415993	0.16793	385	385	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426928	5415793	0.16935	387	387	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426928	5415593	0.17257	388	388	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426928	5415393	0.17827	388	388	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426928	5415193	0.1887	385.9	385.9	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	426928	5414993	0.20004	384.4	384.4	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426928	5414793	0.2139	382.59	382.59	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426928	5414593	0.23082	379.99	379.99	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426928	5414393	0.24759	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426928	5414193	0.26635	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427128	5416193	0.14328	383.98	383.98	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427128	5415993	0.14849	386	386	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	427128	5415793	0.15483	386.86	386.86	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	427128	5415593	0.16241	386	386	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	427128	5415393	0.1702	386	386	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427128	5415193	0.18161	385	385	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427128	5414993	0.19434	383.88	383.88	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427128	5414793	0.20914	382	382	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427128	5414593	0.2242	381	381	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427128	5414393	0.24043	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427128	5414193	0.26799	380	380	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	424128	5408393	0.6204	350.25	350.25	0	MONTH	PIT	1ST	1/31/1999 24 hr
TMA	424128	5408193	0.5786	354	354	0	MONTH	PIT	1ST	1/31/1999 24 hr
TMA	423928	5408393	0.55548	353.49	353.49	0	MONTH	PIT	1ST	1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	423928	5408193	0.51291	357.59	357.59	0	MONTH	PIT	1ST	1/31/1999 24 hr
TMA	423728	5408393	0.50641	355.6	355.6	0	MONTH	PIT	1ST	1/31/1999 24 hr
TMA	423728	5408193	0.46433	359.84	359.84	0	MONTH	PIT	1ST	1/31/1999 24 hr
TMA	423528	5408393	0.46033	352	352	0	MONTH	PIT	1ST	1/31/1999 24 hr
TMA	423528	5408193	0.42893	354.52	354.52	0	MONTH	PIT	1ST	1/31/1999 24 hr
TMA	423328	5408593	0.51329	349.35	349.35	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	423328	5408393	0.42003	351	351	0	MONTH	PIT	1ST	1/31/1999 24 hr
TMA	423328	5408193	0.39345	352	352	0	MONTH	PIT	1ST	1/31/1999 24 hr
TMA	423128	5408593	0.50655	352.5	352.5	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	423128	5408393	0.41635	354.07	354.07	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	423128	5408193	0.36199	356	356	0	MONTH	PIT	1ST	1/31/1999 24 hr
TMA	422928	5408593	0.47776	353	353	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	422928	5408393	0.42435	355	355	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	422928	5408193	0.33764	357	357	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	422728	5408593	0.43724	353	353	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	422728	5408393	0.41461	355	355	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	422728	5408193	0.35322	356	356	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	422528	5408593	0.39528	354	354	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	422528	5408393	0.38984	354.79	354.79	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	422528	5408193	0.35706	355.99	355.99	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	422328	5408593	0.35686	352	352	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	422328	5408393	0.35779	353	353	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	422328	5408193	0.34594	354	354	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	422128	5408593	0.32415	350	350	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	422128	5408393	0.3256	352	352	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	422128	5408193	0.32461	354	354	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	421928	5408593	0.2972	350	350	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	421928	5408393	0.29682	351.68	351.68	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	421928	5408193	0.29909	354	354	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	421728	5408593	0.27433	349	349	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	421728	5408393	0.27218	351	351	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	421728	5408193	0.27393	353	353	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	421528	5408593	0.25487	348	348	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	421528	5408393	0.25111	349	349	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	421528	5408193	0.25136	351	351	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	421328	5408593	0.23787	345.41	345.41	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	421328	5408393	0.23306	347	347	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	421328	5408193	0.23195	348.81	348.81	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	421128	5408593	0.22362	344.52	344.52	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	421128	5408393	0.2174	345.3	345.3	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	421128	5408193	0.21542	347	347	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420928	5408593	0.21131	343	343	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420928	5408393	0.20374	344	344	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420928	5408193	0.2011	345	345	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420728	5408593	0.20107	343	343	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420728	5408393	0.19178	343	343	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420728	5408193	0.18867	344	344	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420528	5409393	0.19645	353	353	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420528	5409193	0.20569	350	350	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420528	5408993	0.21334	349	349	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420528	5408793	0.21427	347	347	0	MONTH	PIT	1ST	12/31/2000 24 hr
TMA	420528	5408593	0.19262	345.03	345.03	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420528	5408393	0.18151	343	343	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420528	5408193	0.17755	343	343	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5409393	0.18362	353.52	353.52	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5409193	0.1916	350.89	350.89	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5408993	0.20026	349	349	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420328	5408793	0.20556	348	348	0	MONTH	PIT	1ST	12/31/2000 24 hr
TMA	420128	5409393	0.17213	352.9	352.9	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5409193	0.17873	350	350	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5408993	0.1878	349	349	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	420128	5408793	0.19486	348	348	0	MONTH	PIT	1ST	12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419928	5409393	0.16189	353	353	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5409193	0.16728	351	351	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5408993	0.17613	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419928	5408793	0.18301	349	349	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	419728	5409393	0.15259	351	351	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419728	5409193	0.15686	349.94	349.94	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419728	5408993	0.16505	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419728	5408793	0.17067	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419528	5410993	0.15227	356	356	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419528	5410793	0.16518	355	355	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419528	5410593	0.15797	357	357	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419528	5410393	0.13623	358	358	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419528	5410193	0.11879	356.94	356.94	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419528	5409993	0.11774	355	355	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419528	5409793	0.1287	353.29	353.29	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419528	5409593	0.1395	351.28	351.28	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419528	5409393	0.14422	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419528	5409193	0.1475	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419528	5408993	0.15477	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419528	5408793	0.16162	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419528	5408593	0.16909	346	346	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	419528	5408393	0.14993	345	345	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	419528	5408193	0.13812	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5410993	0.14743	355	355	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5410793	0.15773	353	353	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5410593	0.149	353	353	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5410393	0.12796	353.58	353.58	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5410193	0.11187	353.77	353.77	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5409993	0.11112	352	352	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5409793	0.12154	351.03	351.03	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5409593	0.13203	350.18	350.18	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5409393	0.13667	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5409193	0.1391	348.27	348.27	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5408993	0.14535	347.63	347.63	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5408793	0.15288	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419328	5408593	0.16185	346	346	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	419328	5408393	0.15018	344.73	344.73	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	419328	5408193	0.13299	342.09	342.09	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419128	5410993	0.14273	355	355	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419128	5410793	0.15066	353	353	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419128	5410593	0.14064	351	351	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419128	5410393	0.1203	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419128	5410193	0.10549	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419128	5409993	0.10504	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419128	5409793	0.115	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419128	5409593	0.12515	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419128	5409393	0.12967	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419128	5409193	0.13156	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419128	5408993	0.1367	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419128	5408793	0.14437	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419128	5408593	0.15356	346	346	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	419128	5408393	0.14889	344.6	344.6	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	419128	5408193	0.1287	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5410993	0.13808	352	352	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5410793	0.14382	351	351	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5410593	0.13289	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5410393	0.11334	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5410193	0.0997	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5409993	0.09947	348.44	348.44	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5409793	0.10893	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5409593	0.11881	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5409393	0.12331	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	418928	5409193	0.12472	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5408993	0.12879	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5408793	0.13631	345.98	345.98	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5408593	0.14446	345	345	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	418928	5408393	0.1461	344	344	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	418928	5408193	0.12505	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5410993	0.13351	349.6	349.6	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5410793	0.13727	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5410593	0.12562	348.05	348.05	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5410393	0.10694	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5410193	0.09433	347.03	347.03	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5409993	0.09516	347	347	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	418728	5409793	0.10336	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5409593	0.11293	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5409393	0.11745	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5409193	0.11853	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5408993	0.1216	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5408793	0.12861	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5408593	0.13495	344	344	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	418728	5408393	0.14201	343	343	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	418728	5408193	0.12642	341	341	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	418528	5410993	0.12912	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5410793	0.13107	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5410593	0.11888	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5410393	0.10106	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5410193	0.08942	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5409993	0.09117	346	346	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	418528	5409793	0.0982	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5409593	0.10748	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5409393	0.11203	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5409193	0.11289	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5408993	0.11509	344.08	344.08	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5408793	0.12138	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5408593	0.12754	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5408393	0.13696	343	343	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	418528	5408193	0.12691	342	342	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	418328	5410993	0.12485	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5410793	0.12521	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5410593	0.11265	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5410393	0.09562	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5410193	0.08492	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5409993	0.08748	346	346	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	418328	5409793	0.09343	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5409593	0.1024	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5409393	0.10706	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5409193	0.10775	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5408993	0.10924	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5408793	0.11471	343.82	343.82	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5408593	0.12124	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5408393	0.13105	343	343	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	418328	5408193	0.12615	342	342	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	418128	5410993	0.12062	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5410793	0.11962	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5410593	0.10684	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5410393	0.09064	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5410193	0.08079	346	346	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	418128	5409993	0.08404	346	346	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	418128	5409793	0.08903	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5409593	0.09772	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5409393	0.10244	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5409193	0.10309	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5408993	0.10394	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	418128	5408793	0.10849	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5408593	0.11518	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5408393	0.12442	342	342	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	418128	5408193	0.12432	342	342	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	417928	5410993	0.11659	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5410793	0.1143	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5410593	0.10142	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5410393	0.08606	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5410193	0.07777	346	346	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	417928	5409993	0.08082	346	346	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	417928	5409793	0.08497	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5409593	0.0934	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5409393	0.09811	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5409193	0.09879	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5408993	0.09912	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5408793	0.10282	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5408593	0.10933	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5408393	0.11745	342	342	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	417928	5408193	0.12152	342	342	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	417728	5410993	0.11261	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5410793	0.10923	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5410593	0.09635	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5410393	0.08177	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5410193	0.07495	347	347	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	417728	5409993	0.07782	347	347	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	417728	5409793	0.08117	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5409593	0.08934	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5409393	0.09411	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5409193	0.0949	345.93	345.93	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5408993	0.09479	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5408793	0.09766	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5408593	0.10374	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5408393	0.11032	343	343	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	417728	5408193	0.1179	342	342	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	417528	5410993	0.10873	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417528	5410793	0.10441	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417528	5410593	0.09165	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417528	5410393	0.07783	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417528	5410193	0.07228	347	347	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	417528	5409993	0.07498	347	347	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	417528	5409793	0.07762	347.42	347.42	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417528	5409593	0.0855	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417528	5409393	0.09034	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417528	5409193	0.09121	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417528	5408993	0.09079	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417528	5408793	0.09294	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417528	5408593	0.09849	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417528	5408393	0.10391	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417528	5408193	0.11357	342	342	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	417328	5410993	0.10495	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417328	5410793	0.09986	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417328	5410593	0.08722	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417328	5410393	0.07413	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417328	5410193	0.06978	348	348	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	417328	5409993	0.07231	347	347	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	417328	5409793	0.07424	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417328	5409593	0.08188	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417328	5409393	0.08673	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417328	5409193	0.08771	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417328	5408993	0.08713	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417328	5408793	0.08858	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417328	5408593	0.09351	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417328	5408393	0.09924	343	343	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5408193	0.10869	341.83	341.83	0	MONTH	PIT	1ST	12/31/2000 24 hr
TMA	417128	5410993	0.1013	350	350	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5410793	0.0955	349	349	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5410593	0.08309	348.66	348.66	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5410393	0.07072	350	350	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5410193	0.06744	350	350	0	MONTH	PIT	1ST	9/30/1996 24 hr
TMA	417128	5409993	0.06983	350	350	0	MONTH	PIT	1ST	9/30/1996 24 hr
TMA	417128	5409793	0.07118	348.57	348.57	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5409593	0.07851	346.6	346.6	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5409393	0.08336	346	346	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5409193	0.08449	345	345	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5408993	0.08373	344	344	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5408793	0.08453	343	343	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5408593	0.08882	343	343	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5408393	0.09461	342	342	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5408193	0.10336	341	341	0	MONTH	PIT	1ST	12/31/2000 24 hr
TMA	416928	5410993	0.09779	353	353	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416928	5410793	0.09139	350	350	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416928	5410593	0.07923	349.92	349.92	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416928	5410393	0.06751	350	350	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416928	5410193	0.06521	351	351	0	MONTH	PIT	1ST	9/30/1996 24 hr
TMA	416928	5409993	0.06747	351	351	0	MONTH	PIT	1ST	9/30/1996 24 hr
TMA	416928	5409793	0.06827	350	350	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416928	5409593	0.07541	350	350	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416928	5409393	0.08026	349	349	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416928	5409193	0.08152	347	347	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416928	5408993	0.0807	346	346	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416928	5408793	0.08098	345	345	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416928	5408593	0.08455	344	344	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416928	5408393	0.09025	344	344	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416928	5408193	0.09796	343	343	0	MONTH	PIT	1ST	12/31/2000 24 hr
TMA	416728	5410993	0.09429	351.06	351.06	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416728	5410793	0.08748	351	351	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416728	5410593	0.07558	350	350	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416728	5410393	0.06452	351	351	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416728	5410193	0.0631	352	352	0	MONTH	PIT	1ST	9/30/1996 24 hr
TMA	416728	5409993	0.06525	352	352	0	MONTH	PIT	1ST	9/30/1996 24 hr
TMA	416728	5409793	0.06553	351	351	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416728	5409593	0.0724	350	350	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416728	5409393	0.07725	349.5	349.5	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416728	5409193	0.07871	349.3	349.3	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416728	5408993	0.0779	348.99	348.99	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416728	5408793	0.07776	347.94	347.94	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416728	5408593	0.08062	346	346	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416728	5408393	0.08601	345	345	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416728	5408193	0.09227	343	343	0	MONTH	PIT	1ST	12/31/2000 24 hr
TMA	416528	5410993	0.09477	361.2	361.2	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416528	5410793	0.0838	356	356	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416528	5410593	0.07221	352.93	352.93	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416528	5410393	0.06171	351	351	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416528	5410193	0.0611	353	353	0	MONTH	PIT	1ST	9/30/1996 24 hr
TMA	416528	5409993	0.06316	354	354	0	MONTH	PIT	1ST	9/30/1996 24 hr
TMA	416528	5409793	0.06301	353	353	0	MONTH	PIT	1ST	9/30/1996 24 hr
TMA	416528	5409593	0.0696	351.77	351.77	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416528	5409393	0.07442	351	351	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416528	5409193	0.07601	350	350	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416528	5408993	0.07523	349	349	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416528	5408793	0.0747	347	347	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416528	5408593	0.07691	345	345	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416528	5408393	0.08186	343	343	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416528	5408193	0.08666	341.73	341.73	0	MONTH	PIT	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	416328	5410993	0.09828	367.86	367.86	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416328	5410793	0.08025	359	359	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416328	5410593	0.06901	355.8	355.8	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416328	5410393	0.05909	352	352	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416328	5410193	0.05921	353.47	353.47	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	416328	5409993	0.06116	355	355	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	416328	5409793	0.06103	354	354	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	416328	5409593	0.06694	353	353	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416328	5409393	0.07172	351.99	351.99	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416328	5409193	0.07344	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416328	5408993	0.07272	348.73	348.73	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416328	5408793	0.07185	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416328	5408593	0.07339	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416328	5408393	0.07793	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416328	5408193	0.08299	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416128	5410993	0.09215	364.98	364.98	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416128	5410793	0.07824	361.31	361.31	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416128	5410593	0.06599	359	359	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416128	5410393	0.05665	356	356	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416128	5410193	0.0574	353	353	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	416128	5409993	0.05926	354	354	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	416128	5409793	0.05915	354	354	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	416128	5409593	0.06442	353	353	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416128	5409393	0.06916	352	352	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416128	5409193	0.071	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416128	5408993	0.07039	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416128	5408793	0.06935	345.96	345.96	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416128	5408593	0.07034	342.33	342.33	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416128	5408393	0.07438	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416128	5408193	0.07949	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5413193	0.07989	371.76	371.76	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	418928	5413393	0.07346	369.38	369.38	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5413593	0.06983	367.41	367.41	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5413793	0.06613	372.61	372.61	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	418928	5413993	0.06925	381	381	0 MONTH	PIT	1ST		4/30/1996 24 hr
TMA	418928	5414193	0.07556	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5414393	0.08988	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5414593	0.09883	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5414793	0.09728	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5414993	0.08961	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5415193	0.08419	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5415393	0.08487	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5415593	0.08927	381.68	381.68	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5415793	0.08981	380.27	380.27	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5415993	0.08283	378.04	378.04	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5416193	0.07363	373.71	373.71	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5416393	0.06817	370.1	370.1	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5416593	0.06613	370	370	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5416793	0.06744	369	369	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5416993	0.06881	368.14	368.14	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5417193	0.06862	368.37	368.37	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5417393	0.06649	370	370	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5417593	0.06255	370	370	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418928	5417793	0.06452	370	370	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418928	5417993	0.07114	366.1	366.1	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418928	5418193	0.07614	368	368	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418928	5418393	0.07823	366.65	366.65	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418928	5418593	0.07503	361.17	361.17	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418928	5418793	0.07097	361	361	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418928	5418993	0.06779	361	361	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418928	5419193	0.06548	362.73	362.73	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418728	5413593	0.06863	370	370	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	418728	5413793	0.06745	375.05	375.05	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	418728	5413993	0.06389	375.91	375.91	0 MONTH	PIT	1ST		4/30/1996 24 hr
TMA	418728	5414193	0.06772	372.18	372.18	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5414393	0.07848	372.2	372.2	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5414593	0.08989	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5414793	0.09497	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5414993	0.09107	378.01	378.01	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5415193	0.08296	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5415393	0.07967	378.19	378.19	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5415593	0.08282	375.93	375.93	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5415793	0.08614	373	373	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5415993	0.08463	372	372	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5416193	0.078	370	370	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5416393	0.07034	369	369	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5416593	0.06525	368	368	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5416793	0.06384	367	367	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5416993	0.0645	367	367	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5417193	0.06559	367	367	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5417393	0.0655	367.6	367.6	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5417593	0.06346	368	368	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5417793	0.05996	366.88	366.88	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418728	5417993	0.06217	363.2	363.2	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418728	5418193	0.06719	362.9	362.9	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418728	5418393	0.06929	361	361	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418728	5418593	0.07055	360	360	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418728	5418793	0.07026	360	360	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418728	5418993	0.06859	361	361	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418728	5419193	0.06585	361	361	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418528	5413593	0.06727	371	371	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5413793	0.06558	371	371	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	418528	5413993	0.06106	369	369	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	418528	5414193	0.06147	370.62	370.62	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5414393	0.06724	375.56	375.56	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5414593	0.07898	377.75	377.75	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5414793	0.08926	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5414993	0.09094	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5415193	0.08442	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5415393	0.07706	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5415593	0.07538	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5415793	0.07958	378.3	378.3	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5415993	0.08287	374.67	374.67	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5416193	0.07994	370	370	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5416393	0.07351	369	369	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5416593	0.06661	367.76	367.76	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5416793	0.06261	366	366	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5416993	0.06142	365	365	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5417193	0.06176	365	365	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5417393	0.06246	365	365	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5417593	0.06214	365	365	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5417793	0.06034	364.97	364.97	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5417993	0.05725	363	363	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418528	5418193	0.0594	360	360	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418528	5418393	0.06329	360	360	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418528	5418593	0.06612	359	359	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418528	5418793	0.06755	360	360	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418528	5418993	0.06757	360	360	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418528	5419193	0.06629	360	360	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418328	5413593	0.06503	370	370	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5413793	0.06263	367.98	367.98	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5413993	0.06173	369.86	369.86	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	418328	5414193	0.05789	373.04	373.04	0 MONTH	PIT	1ST		4/30/1996 24 hr
TMA	418328	5414393	0.06115	380	380	0 MONTH	PIT	1ST		4/30/1996 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	418328	5414593	0.06788	378.35	378.35	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5414793	0.07999	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5414993	0.08717	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5415193	0.08589	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5415393	0.07836	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5415593	0.07236	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5415793	0.07245	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5415993	0.07724	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5416193	0.07935	373.16	373.16	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5416393	0.07589	370	370	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5416593	0.06939	367.89	367.89	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5416793	0.06371	365	365	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5416993	0.06029	364	364	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5417193	0.05924	363	363	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5417393	0.05921	363	363	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5417593	0.05946	362.8	362.8	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5417793	0.05877	362	362	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5417993	0.05722	361.94	361.94	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5418193	0.05406	361	361	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418328	5418393	0.05644	360	360	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418328	5418593	0.06024	359	359	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418328	5418793	0.0631	359	359	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418328	5418993	0.0647	359.74	359.74	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418328	5419193	0.0672	362.09	362.09	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418128	5413593	0.06536	366	366	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	418128	5413793	0.06108	366.1	366.1	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5413993	0.06007	369	369	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	418128	5414193	0.05685	371	371	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	418128	5414393	0.05762	373	373	0 MONTH	PIT	1ST		4/30/1996 24 hr
TMA	418128	5414593	0.05978	374.6	374.6	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5414793	0.06957	378.04	378.04	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5414993	0.0802	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5415193	0.08445	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5415393	0.08043	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5415593	0.07255	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5415793	0.06846	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5415993	0.07102	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5416193	0.07486	372.29	372.29	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5416393	0.07542	370	370	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5416593	0.0714	367.02	367.02	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5416793	0.06568	364	364	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5416993	0.06136	362	362	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5417193	0.05827	362	362	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5417393	0.05653	363	363	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5417593	0.05674	362	362	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5417793	0.05638	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5417993	0.05541	359.79	359.79	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5418193	0.05396	359.6	359.6	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5418393	0.05199	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5418593	0.05368	360	360	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418128	5418793	0.05737	359.96	359.96	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418128	5418993	0.06025	359.34	359.34	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	418128	5419193	0.06199	360	360	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	417928	5411193	0.10759	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5411393	0.09378	352.36	352.36	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5411593	0.08185	357	357	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5411793	0.07388	360.88	360.88	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5411993	0.06835	363	363	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5412193	0.06491	367.65	367.65	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	417928	5412393	0.07225	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	417928	5412593	0.07252	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	417928	5412793	0.07622	368.14	368.14	0 MONTH	PIT	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417928	5412993	0.08192	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	417928	5413193	0.08109	362	362	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	417928	5413393	0.07614	363	363	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	417928	5413593	0.06711	364.34	364.34	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	417928	5413793	0.05924	366	366	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5413993	0.0576	368.34	368.34	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5414193	0.05736	370	370	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	417928	5414393	0.05353	374	374	0 MONTH	PIT	1ST		4/30/1996 24 hr
TMA	417928	5414593	0.05732	378.51	378.51	0 MONTH	PIT	1ST		4/30/1996 24 hr
TMA	417928	5414793	0.0595	380.03	380.03	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5414993	0.0707	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5415193	0.07958	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5415393	0.08078	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5415593	0.07513	379.01	379.01	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5415793	0.06855	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5415993	0.06655	376	376	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5416193	0.06926	373	373	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5416393	0.07221	370.83	370.83	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5416593	0.07108	366.14	366.14	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5416793	0.06577	360.51	360.51	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5416993	0.06265	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5417193	0.05798	362.89	362.89	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5417393	0.05342	366.73	366.73	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5417593	0.05339	364.97	364.97	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5417793	0.0547	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5417993	0.05406	358	358	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5418193	0.0532	358	358	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5418393	0.05187	358	358	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5418593	0.05006	357	357	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417928	5418793	0.05114	358	358	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	417928	5418993	0.05471	359	359	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	417928	5419193	0.05756	360.05	360.05	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	417728	5411193	0.10506	350.67	350.67	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5411393	0.09207	355	355	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5411593	0.0802	358	358	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5411793	0.07073	364.92	368	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5411993	0.06658	370.95	370.95	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5412193	0.06178	371	371	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5412393	0.06854	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	417728	5412593	0.06976	368.99	368.99	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	417728	5412793	0.07131	368.26	368.26	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	417728	5412993	0.07729	367.08	367.08	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	417728	5413193	0.07627	361	361	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	417728	5413393	0.07605	363	363	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	417728	5413593	0.06846	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	417728	5413793	0.05934	365	365	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	417728	5413993	0.0564	367	367	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5414193	0.05592	369.12	369.12	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	417728	5414393	0.05303	373.75	373.75	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	417728	5414593	0.05527	379	379	0 MONTH	PIT	1ST		4/30/1996 24 hr
TMA	417728	5414793	0.05383	381	381	0 MONTH	PIT	1ST		4/30/1996 24 hr
TMA	417728	5414993	0.06096	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5415193	0.07182	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5415393	0.07769	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5415593	0.07631	375.41	375.41	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5415793	0.07061	374.72	374.72	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5415993	0.06569	373.61	373.61	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5416193	0.06504	371.69	371.69	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5416393	0.06743	369.13	369.13	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5416593	0.06829	364	364	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5416793	0.06519	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417728	5416993	0.0634	362	362	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417728	5417193	0.05883	366.63	366.63	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417728	5417393	0.05268	370	370	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417728	5417593	0.05247	363.08	363.08	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417728	5417793	0.05317	358	358	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417728	5417993	0.05243	357	357	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417728	5418193	0.05188	357	357	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417728	5418393	0.05112	356.12	356.12	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417728	5418593	0.04991	356	356	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417728	5418793	0.04823	357	357	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417728	5418993	0.04871	360	360	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	417728	5419193	0.05218	360	360	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	417528	5411193	0.10254	350.96	350.96	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5411393	0.09041	358.01	358.01	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5411593	0.07557	363.74	363.74	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5411793	0.06833	372	372	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5411993	0.06511	370.99	370.99	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5412193	0.06047	369.04	369.04	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5412393	0.06445	370	370	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	417528	5412593	0.06704	368.09	368.09	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	417528	5412793	0.06704	369.26	369.26	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	417528	5412993	0.07077	372	372	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	417528	5413193	0.07364	360	360	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	417528	5413393	0.07405	361.45	361.45	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	417528	5413593	0.06915	363	363	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	417528	5413793	0.06072	365	365	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	417528	5413993	0.05476	366.22	366.22	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5414193	0.05314	368	368	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5414393	0.05346	370	370	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	417528	5414593	0.04942	374.26	374.26	0	MONTH	PIT	1ST	4/30/1996 24 hr
TMA	417528	5414793	0.05381	377.96	377.96	0	MONTH	PIT	1ST	4/30/1996 24 hr
TMA	417528	5414993	0.05281	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5415193	0.06284	379.84	379.84	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5415393	0.07193	377	377	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5415593	0.07473	374	374	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5415793	0.07177	371.94	371.94	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5415993	0.06683	370	370	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5416193	0.06357	369	369	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5416393	0.06418	365.03	365.03	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5416593	0.06481	361	361	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5416793	0.06474	361.24	361.24	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5416993	0.06576	368.53	368.53	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5417193	0.06118	366.5	366.5	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5417393	0.05654	361.07	361.07	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5417593	0.05419	358	358	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5417793	0.05216	357	357	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5417993	0.05094	356	356	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5418193	0.05031	356	356	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5418393	0.04984	355	355	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5418593	0.04916	355	355	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5418793	0.04806	355	355	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5418993	0.0465	358	358	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417528	5419193	0.04646	360.85	360.85	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	417328	5411193	0.10002	350.35	350.35	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5411393	0.0888	355.98	355.98	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5411593	0.07306	365.62	365.62	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5411793	0.06616	370.42	370.42	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5411993	0.06332	367.31	367.31	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5412193	0.05945	364.03	364.03	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5412393	0.05948	368	368	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	417328	5412593	0.06326	363.72	363.72	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	417328	5412793	0.06466	367.13	367.13	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	417328	5412993	0.06701	367.96	367.96	0	MONTH	PIT	1ST	12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417328	5413193	0.07071	360	360	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	417328	5413393	0.07033	360.28	360.28	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	417328	5413593	0.0696	363.32	363.32	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	417328	5413793	0.06199	367.31	367.31	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	417328	5413993	0.0533	370	370	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5414193	0.05263	370.92	370.92	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5414393	0.0528	371	371	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	417328	5414593	0.04961	373	373	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	417328	5414793	0.05068	375.88	375.88	0	MONTH	PIT	1ST	4/30/1996 24 hr
TMA	417328	5414993	0.05059	377	377	0	MONTH	PIT	1ST	4/30/1996 24 hr
TMA	417328	5415193	0.05498	375.97	375.97	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5415393	0.06428	373	373	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5415593	0.07014	371	371	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5415793	0.07088	370	370	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5415993	0.06747	368	368	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5416193	0.06372	366.12	366.12	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5416393	0.06237	363.16	363.16	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5416593	0.06273	361	361	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5416793	0.06262	362.06	362.06	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5416993	0.06364	365.53	365.53	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5417193	0.06043	361.11	361.11	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5417393	0.05716	358	358	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5417593	0.05434	357	357	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5417793	0.05178	356	356	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5417993	0.04993	356	356	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5418193	0.04885	356	356	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5418393	0.04832	356	356	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5418593	0.04793	355.03	355.03	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5418793	0.04733	354	354	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5418993	0.04631	360	360	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417328	5419193	0.04588	363.72	363.72	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5411193	0.09761	355.22	355.22	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5411393	0.08721	360.89	360.89	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5411593	0.07217	365	365	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5411793	0.06567	362.92	362.92	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5411993	0.06202	360	360	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5412193	0.05805	362.97	362.97	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5412393	0.05535	363	363	0	MONTH	PIT	1ST	12/31/2000 24 hr
TMA	417128	5412593	0.05862	360.19	360.19	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	417128	5412793	0.06234	359.75	359.75	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	417128	5412993	0.06534	359.15	359.15	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	417128	5413193	0.06763	359.43	359.43	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	417128	5413393	0.07043	362.2	362.2	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	417128	5413593	0.07065	365.9	365.9	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	417128	5413793	0.06366	369	369	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	417128	5413993	0.05244	375.91	375.91	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	417128	5414193	0.05193	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5414393	0.05185	377.2	377.2	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	417128	5414593	0.05076	376	376	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	417128	5414793	0.04578	375	375	0	MONTH	PIT	1ST	4/30/1996 24 hr
TMA	417128	5414993	0.0494	374	374	0	MONTH	PIT	1ST	4/30/1996 24 hr
TMA	417128	5415193	0.04905	372	372	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5415393	0.05694	370	370	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5415593	0.06409	368.94	368.94	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5415793	0.06737	367	367	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5415993	0.06647	365	365	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5416193	0.0637	363	363	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5416393	0.06195	361	361	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5416593	0.06013	361.66	361.66	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5416793	0.06021	359.46	359.46	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5416993	0.05971	359.27	359.27	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	417128	5417193	0.0588	358.77	358.77	0	MONTH	PIT	1ST	1/31/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417128	5417393	0.05708	357.12	357.12	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417128	5417593	0.05463	357	357	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417128	5417793	0.05193	357	357	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417128	5417993	0.04953	357	357	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417128	5418193	0.04784	357	357	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417128	5418393	0.0469	358	358	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417128	5418593	0.04646	358	358	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417128	5418793	0.04614	354.68	354.68	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417128	5418993	0.0456	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417128	5419193	0.04467	361	361	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5411193	0.09514	355.85	355.85	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5411393	0.08569	357.64	357.64	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5411593	0.07473	358.44	358.44	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5411793	0.06618	358.25	358.25	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5411993	0.0606	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5412193	0.05687	358.63	358.63	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5412393	0.05419	356.3	356.3	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5412593	0.05621	362.28	362.28	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	416928	5412793	0.05962	363.95	363.95	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	416928	5412993	0.06183	361.2	361.2	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	416928	5413193	0.0645	361	361	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	416928	5413393	0.0685	365.02	365.02	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	416928	5413593	0.07154	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	416928	5413793	0.06579	374.04	374.04	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	416928	5413993	0.05264	381	381	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	416928	5414193	0.05007	384.64	384.64	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5414393	0.04941	382.22	382.22	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5414593	0.05103	379.55	379.55	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	416928	5414793	0.04644	376.84	376.84	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	416928	5414993	0.04636	372.86	372.86	0 MONTH	PIT	1ST		4/30/1996 24 hr
TMA	416928	5415193	0.04572	370	370	0 MONTH	PIT	1ST		4/30/1996 24 hr
TMA	416928	5415393	0.05056	368.59	368.59	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5415593	0.05763	367	367	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5415793	0.06256	365	365	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5415993	0.06383	363.11	363.11	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5416193	0.0627	361.96	361.96	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5416393	0.06059	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5416593	0.05928	359	359	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5416793	0.05836	359	359	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5416993	0.05786	358	358	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5417193	0.05741	358	358	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5417393	0.05644	357.16	357.16	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5417593	0.05467	358.41	358.41	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5417793	0.05226	358	358	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5417993	0.04967	358	358	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5418193	0.04743	359	359	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5418393	0.04589	359.94	359.94	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5418593	0.04507	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5418793	0.04471	356.81	356.81	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5418993	0.04445	354.87	354.87	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416928	5419193	0.04398	357.48	357.48	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5411193	0.09264	351	351	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5411393	0.08416	355.04	355.04	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5411593	0.07356	353	353	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5411793	0.06496	354	354	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5411993	0.05927	354.98	354.98	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5412193	0.0555	355.03	355.03	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5412393	0.05192	367.51	370	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5412593	0.05515	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	416728	5412793	0.05747	365.99	365.99	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	416728	5412993	0.05841	363.34	363.34	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	416728	5413193	0.06094	363	363	0 MONTH	PIT	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	416728	5413393	0.06481	365.94	365.94	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	416728	5413593	0.06903	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	416728	5413793	0.06723	373.37	373.37	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	416728	5413993	0.05578	380.83	380.83	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	416728	5414193	0.04756	387.57	387.57	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5414393	0.04824	388	388	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5414593	0.04957	383.26	383.26	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	416728	5414793	0.04776	378.48	378.48	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	416728	5414993	0.04237	371.99	371.99	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	416728	5415193	0.04447	369	369	0 MONTH	PIT	1ST		4/30/1996 24 hr
TMA	416728	5415393	0.04532	367.9	367.9	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5415593	0.05162	366	366	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5415793	0.05736	364	364	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5415993	0.06026	362	362	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5416193	0.05967	360.02	360.02	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5416393	0.05923	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5416593	0.05801	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5416793	0.0568	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5416993	0.05605	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5417193	0.05568	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5417393	0.05523	361	361	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5417593	0.05421	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5417793	0.05241	359	359	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5417993	0.05002	359	359	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5418193	0.04754	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5418393	0.04546	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5418593	0.04407	359	359	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5418793	0.04336	355	355	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5418993	0.04305	353	353	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416728	5419193	0.04286	353.31	353.31	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416528	5411193	0.09884	366.33	366.33	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416528	5411393	0.08436	364.28	364.28	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416528	5411593	0.07248	359.9	359.9	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416528	5411793	0.06384	354.24	354.24	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416528	5411993	0.05803	356.49	356.49	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416528	5412193	0.05421	361	361	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416528	5412393	0.05071	370	370	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416528	5412593	0.0514	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	416528	5412793	0.05572	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	416528	5412993	0.05567	365.46	365.46	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	416528	5413193	0.05739	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	416528	5413393	0.06079	366	366	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	416528	5413593	0.06563	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	416528	5413793	0.06791	375.08	375.08	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	416528	5413993	0.05818	385.64	385.64	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	416528	5414193	0.04459	390	390	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416528	5414393	0.04663	388	388	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416528	5414593	0.04606	384.38	384.38	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416528	5414793	0.0479	378.5	378.5	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	416528	5414993	0.04357	369	369	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	416528	5415193	0.04167	368	368	0 MONTH	PIT	1ST		4/30/1996 24 hr
TMA	416528	5415393	0.04182	366	366	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416528	5415593	0.04646	365	365	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416528	5415793	0.05214	364	364	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416528	5415993	0.05639	362	362	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416528	5416193	0.05718	360.31	360.31	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416528	5416393	0.05761	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416528	5416593	0.05684	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416528	5416793	0.05557	361	361	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416528	5416993	0.0545	361	361	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416528	5417193	0.05392	361	361	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416528	5417393	0.05364	360.5	360.5	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	416528	5417593	0.05317	360	360	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416528	5417793	0.05209	359	359	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416528	5417993	0.05026	360	360	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416528	5418193	0.04792	360	360	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416528	5418393	0.04555	361	361	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416528	5418593	0.04363	358.7	358.7	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416528	5418793	0.04236	355.78	355.78	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416528	5418993	0.04174	353	353	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416528	5419193	0.04151	353	353	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5411193	0.09815	368.17	368.17	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5411393	0.08253	361.26	361.26	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5411593	0.07144	358.01	358.01	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5411793	0.06281	358	358	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5411993	0.05686	361	361	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5412193	0.0529	364	364	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5412393	0.04995	367	367	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5412593	0.04752	369.11	369.11	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	416328	5412793	0.05341	368.22	368.22	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	416328	5412993	0.05373	366	366	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	416328	5413193	0.05393	366.02	366.02	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	416328	5413393	0.05663	367.39	367.39	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	416328	5413593	0.06217	369.24	369.24	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	416328	5413793	0.06671	374.95	374.95	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	416328	5413993	0.06195	381.93	381.93	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	416328	5414193	0.04891	385	385	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	416328	5414393	0.04476	384	384	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5414593	0.04516	382.63	382.63	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5414793	0.04493	372.81	372.81	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	416328	5414993	0.04388	369	369	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	416328	5415193	0.04005	367	367	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	416328	5415393	0.04046	366	366	0	MONTH	PIT	1ST	4/30/1996 24 hr
TMA	416328	5415593	0.04206	365	365	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5415793	0.04722	363	363	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5415993	0.05202	362	362	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5416193	0.05561	362	362	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5416393	0.05697	361.61	361.61	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5416593	0.05655	362	362	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5416793	0.05461	363	363	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5416993	0.05268	361.8	361.8	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5417193	0.05238	360.19	360.19	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5417393	0.05196	359	359	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5417593	0.05173	360	360	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5417793	0.05314	364.57	364.57	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5417993	0.05297	367.07	367.07	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5418193	0.04823	360.1	360.1	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5418393	0.04595	359	359	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5418593	0.0437	359.74	359.74	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5418793	0.0419	361	361	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5418993	0.04076	358.56	358.56	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416328	5419193	0.04023	356	356	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5411193	0.09201	363.71	363.71	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5411393	0.07964	360.24	360.24	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5411593	0.07044	359	359	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5411793	0.06185	359.09	359.09	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5411993	0.05486	361.11	361.11	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5412193	0.05181	366	366	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5412393	0.04912	369.8	369.8	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5412593	0.04564	370	370	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5412793	0.05065	368	368	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	416128	5412993	0.05228	368	368	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	416128	5413193	0.05082	369.43	369.43	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	416128	5413393	0.05219	370	370	0	MONTH	PIT	1ST	12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	416128	5413593	0.05796	371.19	371.19	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	416128	5413793	0.06461	377.82	377.82	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	416128	5413993	0.06361	381	381	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	416128	5414193	0.05349	380.55	380.55	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	416128	5414393	0.04374	379	379	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	416128	5414593	0.0437	376.1	376.1	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5414793	0.04244	370.01	370.01	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5414993	0.04281	368	368	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	416128	5415193	0.04092	367.74	367.74	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	416128	5415393	0.03864	367	367	0	MONTH	PIT	1ST	4/30/1996 24 hr
TMA	416128	5415593	0.03929	366	366	0	MONTH	PIT	1ST	4/30/1996 24 hr
TMA	416128	5415793	0.04228	365	365	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5415993	0.04739	365	365	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5416193	0.05233	364.42	364.42	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5416393	0.05562	364.58	364.58	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5416593	0.05572	363.06	363.06	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5416793	0.05412	361.67	361.67	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5416993	0.05231	360	360	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5417193	0.05116	359	359	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5417393	0.05042	359.14	359.14	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5417593	0.04941	367.67	367.67	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5417793	0.05155	370	370	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5417993	0.05182	366	366	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5418193	0.04818	360.39	360.39	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5418393	0.04672	361.24	361.24	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5418593	0.04378	362	362	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5418793	0.04087	362	362	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5418993	0.04028	360	360	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5419193	0.03925	358.06	358.06	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5419693	0.03865	352	352	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5420193	0.03772	352	352	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416128	5420693	0.03566	355.74	355.74	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	416128	5421193	0.04144	354.65	354.65	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	416628	5419693	0.04096	354	354	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	416628	5420193	0.03953	357.66	357.66	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	416628	5420693	0.04562	360	360	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	416628	5421193	0.04784	361	361	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	417128	5419693	0.04403	359	359	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	417128	5420193	0.05042	358	358	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	417128	5420693	0.05195	359	359	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	417128	5421193	0.04879	360	360	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	417628	5419693	0.0585	369.5	369.5	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	417628	5420193	0.05961	364.99	364.99	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	417628	5420693	0.05292	361.33	361.33	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	417628	5421193	0.04454	360	360	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	418128	5419693	0.06592	370	370	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	418128	5420193	0.05697	372	372	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	418128	5420693	0.0469	370	370	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	418128	5421193	0.03647	363.83	363.83	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	418628	5419693	0.05959	368.21	368.21	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	418628	5420193	0.04742	371	371	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	418628	5420693	0.04209	371	371	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	418628	5421193	0.04436	367.11	367.11	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	419128	5419693	0.04736	366.45	366.45	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	419128	5420193	0.04941	371	371	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	419128	5420693	0.04905	368.28	368.28	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	419128	5421193	0.04198	360.95	360.95	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	419628	5419693	0.05541	366	366	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	419628	5420193	0.05179	368	368	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	419628	5420693	0.04762	370	370	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	419628	5421193	0.04104	359.49	359.49	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	420128	5419693	0.05604	368	368	0	MONTH	PIT	1ST	12/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420128	5420193	0.04789	369	369	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	420128	5420693	0.04243	365.82	365.82	0	MONTH	PIT	1ST	8/31/1997 24 hr
TMA	420128	5421193	0.04063	362	362	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	420628	5419693	0.0498	370.62	370.62	0	MONTH	PIT	1ST	8/31/1997 24 hr
TMA	420628	5420193	0.04646	369.51	369.51	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	420628	5420693	0.04963	365	365	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	420628	5421193	0.05251	361	361	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	421128	5419693	0.05876	374	374	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	421128	5420193	0.06297	363	363	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	421128	5420693	0.06593	370	370	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	421128	5421193	0.06447	360	360	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	421628	5419693	0.08016	369.55	369.55	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	421628	5420193	0.08012	367	367	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	421628	5420693	0.07666	371	371	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	421628	5421193	0.06733	361	361	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422128	5419693	0.08768	368.55	368.55	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422128	5420193	0.07774	363	363	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422128	5420693	0.06982	361.38	361.38	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422128	5421193	0.06382	357.99	357.99	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422628	5419693	0.08463	367.99	367.99	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	422628	5420193	0.07809	370	370	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	422628	5420693	0.06989	370.78	370.78	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422628	5421193	0.06438	369.35	369.35	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423128	5419693	0.08034	372.11	372.11	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423128	5420193	0.07112	374	374	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423128	5420693	0.06195	376.83	376.83	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	423128	5421193	0.05659	379	379	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	423628	5419693	0.07423	370	370	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	423628	5420193	0.07103	371.99	371.99	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	423628	5420693	0.06792	380	380	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	423628	5421193	0.06284	378	378	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424128	5419693	0.07508	376.22	378	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424128	5420193	0.06736	379.73	379.73	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	424128	5420693	0.05957	366	366	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	424128	5421193	0.05838	376	376	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	424628	5419693	0.08688	375.78	375.78	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424628	5420193	0.08229	380.21	380.21	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424628	5420693	0.0775	380	380	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424628	5421193	0.07103	370.14	370.14	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	425128	5419693	0.09383	376	376	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425128	5420193	0.08648	378.67	378.67	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425128	5420693	0.07968	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425128	5421193	0.07385	370	370	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425628	5419693	0.09286	373.64	373.64	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	425628	5420193	0.08535	372	372	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	425628	5420693	0.07968	378	378	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	425628	5421193	0.07402	379.09	379.09	0	MONTH	PIT	1ST	10/31/2000 24 hr
TMA	426128	5419693	0.1087	370.46	370.46	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5420193	0.0998	369.35	369.35	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426128	5420693	0.09519	378	378	0	MONTH	PIT	1ST	3/31/1999 24 hr
TMA	426128	5421193	0.08882	379	379	0	MONTH	PIT	1ST	3/31/1999 24 hr
TMA	426628	5419693	0.12043	368.07	368.07	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426628	5420193	0.11021	367.52	367.52	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426628	5420693	0.10108	369	369	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426628	5421193	0.09258	371.25	371.25	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427128	5419693	0.10861	373.21	373.21	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427128	5420193	0.1041	370.37	370.37	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427128	5420693	0.10021	374.18	381	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427128	5421193	0.08905	360	381	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427628	5419693	0.07933	370.22	370.22	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427628	5420193	0.07288	383.07	383.07	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427628	5420693	0.07463	366.33	366.33	0	MONTH	PIT	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	427628	5421193	0.07384	358	358	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	428128	5419693	0.06881	363.07	363.07	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	428128	5420193	0.06331	370.67	370.67	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	428128	5420693	0.05977	382.97	382.97	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	428128	5421193	0.05819	369.95	369.95	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	428628	5419693	0.07142	376.81	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	428628	5420193	0.06431	368.14	368.14	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	428628	5420693	0.05795	367.41	367.41	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	428628	5421193	0.05122	379.67	379.67	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	429128	5419693	0.07709	378	378	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	429128	5420193	0.06666	372.08	372.08	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	429128	5420693	0.06235	361	372	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	429128	5421193	0.0576	360.13	371	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427628	5419193	0.08325	367.91	367.91	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427628	5418693	0.08597	374.68	374.68	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427628	5418193	0.08989	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427628	5417693	0.09758	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427628	5417193	0.10828	379.31	379.31	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427628	5416693	0.12304	381	381	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427628	5416193	0.14175	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427628	5415693	0.16703	380	380	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	427628	5415193	0.21582	381	381	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	427628	5414693	0.2671	384.81	384.81	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	427628	5414193	0.31938	387	387	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	427628	5407693	0.58023	363	363	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	427628	5407193	0.40515	356.83	356.83	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	427628	5406693	0.28107	360.9	360.9	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	427628	5406193	0.23487	372.99	372.99	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	428128	5419193	0.07257	374	374	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	428128	5418693	0.08088	375	375	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	428128	5418193	0.09083	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	428128	5417693	0.10258	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	428128	5417193	0.11594	378	378	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	428128	5416693	0.14291	376	376	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	428128	5416193	0.17543	376	376	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	428128	5415693	0.21328	378	378	0	MONTH	PIT	1ST	12/31/2000 24 hr
TMA	428128	5415193	0.24156	380	380	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	428128	5414693	0.27924	380	380	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	428128	5414193	0.24544	400.68	400.68	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	428128	5407193	0.41067	361.11	361.11	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	428128	5406693	0.33425	360.48	360.48	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	428128	5406193	0.21949	367.95	367.95	0	MONTH	PIT	1ST	12/31/2000 24 hr
TMA	428628	5419193	0.07862	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	428628	5418693	0.08563	377	377	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	428628	5418193	0.1008	379	379	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	428628	5417693	0.11982	378.24	378.24	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	428628	5417193	0.14549	380	380	0	MONTH	PIT	1ST	12/31/2000 24 hr
TMA	428628	5416693	0.17053	376	376	0	MONTH	PIT	1ST	12/31/2000 24 hr
TMA	428628	5416193	0.18408	374	374	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	428628	5415693	0.20667	376	376	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	428628	5415193	0.22231	385.89	408	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	428628	5414693	0.22046	397.09	397.09	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	428628	5414193	0.23281	400.52	410	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	428628	5407193	0.30441	353	353	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	428628	5406693	0.29761	362	362	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	428628	5406193	0.28381	362	362	0	MONTH	PIT	1ST	12/31/1997 24 hr
TMA	429128	5419193	0.08795	377.26	377.26	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	429128	5418693	0.10204	379	379	0	MONTH	PIT	1ST	12/31/2000 24 hr
TMA	429128	5418193	0.12649	379.95	379.95	0	MONTH	PIT	1ST	12/31/2000 24 hr
TMA	429128	5417693	0.13608	379	379	0	MONTH	PIT	1ST	12/31/2000 24 hr
TMA	429128	5417193	0.14235	375	375	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	429128	5416693	0.15886	373	373	0	MONTH	PIT	1ST	2/29/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	429128	5416193	0.1781	373	373	0 MONTH	PIT	1ST		2/29/2000 24 hr
TMA	429128	5415693	0.19489	379.36	400	0 MONTH	PIT	1ST		2/29/2000 24 hr
TMA	429128	5413193	0.19433	390	390	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	429128	5412693	0.17165	398.59	398.59	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	429128	5408693	0.28706	389.01	389.01	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	429128	5407193	0.22962	355	355	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	429128	5406693	0.23181	358	358	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	429128	5406193	0.22409	360	360	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	427128	5407693	0.5297	350	350	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	427128	5407193	0.3833	360.73	360.73	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	427128	5406693	0.30393	364.08	364.08	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	427128	5406193	0.22897	369.47	383	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	426628	5407693	0.51545	360.15	360.15	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	426628	5407193	0.34789	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	426628	5406693	0.22941	379.68	379.68	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	426628	5406193	0.19074	370.4	370.4	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	426128	5407693	0.42396	380.31	380.31	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	426128	5407193	0.35292	370.02	370.02	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	426128	5406693	0.27068	378	378	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	426128	5406193	0.20319	390	390	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	425628	5407693	0.74323	361	361	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	425628	5407193	0.53913	366.13	366.13	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	425628	5406693	0.3868	378.76	378.76	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	425628	5406193	0.29489	382	382	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	425128	5406693	0.45929	373	373	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	425128	5406193	0.37427	377.62	377.62	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	424628	5406693	0.42183	367.47	367.47	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	424628	5406193	0.34051	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	424128	5407693	0.4588	360.97	360.97	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	424128	5407193	0.35052	366.8	366.8	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	424128	5406693	0.28655	365.76	365.76	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	424128	5406193	0.27463	378.74	378.74	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	423628	5407693	0.37871	359.97	359.97	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	423628	5407193	0.34678	367.85	367.85	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	423628	5406693	0.27893	362.95	362.95	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	423628	5406193	0.20749	363.21	363.21	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	423128	5406693	0.26353	359.65	359.65	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	423128	5406193	0.2179	361	361	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	422628	5407693	0.26145	359.48	359.48	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	422628	5407193	0.22954	360.02	360.02	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	422128	5407693	0.23026	359	359	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	422128	5407193	0.20141	358.4	358.4	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	422128	5406193	0.1496	360	360	0 MONTH	PIT	1ST		4/30/1996 24 hr
TMA	421628	5407693	0.24913	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	421628	5407193	0.17307	360	360	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	420128	5406693	0.1462	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419628	5406693	0.14037	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419128	5407693	0.12031	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419128	5407193	0.11746	345.2	345.2	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419128	5406693	0.12195	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	419128	5406193	0.11954	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418628	5407693	0.10702	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418628	5407193	0.10502	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418628	5406693	0.1047	342.29	342.29	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418628	5406193	0.11056	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5407693	0.09628	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5407193	0.0952	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5406693	0.09245	342.64	342.64	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418128	5406193	0.09627	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417628	5407693	0.08872	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417628	5407193	0.08628	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417628	5406693	0.08379	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417628	5406193	0.08415	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417128	5407693	0.08631	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	417128	5407193	0.07792	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417128	5406693	0.07726	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417128	5406193	0.07539	345	345	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	416628	5407693	0.08918	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	416628	5407193	0.0707	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416628	5406693	0.07148	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416628	5406193	0.06865	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416128	5407693	0.08839	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	416128	5407193	0.06535	341.05	341.05	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416128	5406193	0.06392	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415628	5406193	0.06001	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415128	5406193	0.05612	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414628	5406693	0.05043	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414628	5406193	0.05194	341.26	341.26	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414128	5406693	0.04771	340	340	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414128	5406193	0.04766	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415628	5408193	0.07103	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415628	5408693	0.06353	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415628	5409193	0.0654	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415628	5409693	0.05586	353.49	353.49	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415628	5410193	0.05329	354.22	354.22	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	415628	5410693	0.06346	362.66	362.66	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415628	5411193	0.0885	366	366	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415628	5411693	0.05973	368.95	368.95	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415628	5412193	0.04873	370	370	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415628	5412693	0.04223	370.01	370.01	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415628	5413193	0.04808	372.82	372.82	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	415628	5413693	0.04888	380	380	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	415628	5414193	0.05887	378	378	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	415628	5414693	0.03974	373.77	373.77	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415628	5415193	0.0403	370	370	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	415628	5415693	0.03599	366	366	0 MONTH	PIT	1ST		4/30/1996 24 hr
TMA	415628	5416193	0.04136	363	363	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415628	5416693	0.04879	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415628	5417193	0.04899	357	357	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415628	5417693	0.04536	362.86	362.86	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415628	5418193	0.04699	364.86	364.86	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415628	5418693	0.0438	360.38	360.38	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415628	5419193	0.03889	359	359	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415628	5419693	0.03585	353.8	353.8	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415628	5420193	0.03557	353.31	353.31	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415628	5420693	0.03488	354	354	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415628	5421193	0.03243	354	354	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415128	5408193	0.06347	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415128	5408693	0.05862	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415128	5409193	0.06042	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415128	5409693	0.05108	354.16	354.16	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415128	5410193	0.04962	358	358	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	415128	5410693	0.05685	362	362	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415128	5411193	0.08333	367	367	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415128	5411693	0.05931	370	370	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415128	5412193	0.04532	367	367	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415128	5412693	0.04087	366	366	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415128	5413193	0.04527	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	415128	5413693	0.04207	373	373	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	415128	5414193	0.05565	375	375	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	415128	5414693	0.04337	371	371	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	415128	5415193	0.03676	370	370	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415128	5415693	0.03475	363	363	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	415128	5416193	0.03492	356.02	356.02	0 MONTH	PIT	1ST		1/31/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	415128	5416693	0.04168	354	354	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415128	5417193	0.04601	356	356	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415128	5417693	0.04447	359	359	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415128	5418193	0.04259	357.1	357.1	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415128	5418693	0.04242	356	356	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415128	5419193	0.03992	356	356	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415128	5419693	0.03536	355	355	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415128	5420193	0.03291	355	355	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415128	5420693	0.03287	361	361	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415128	5421193	0.03237	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414628	5408193	0.05692	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414628	5408693	0.05453	346.66	346.66	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414628	5409193	0.05597	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414628	5409693	0.04724	357	357	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	414628	5410193	0.05084	366	366	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	414628	5410693	0.05231	359	359	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414628	5411193	0.06877	359	359	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414628	5411693	0.05999	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414628	5412193	0.04342	363	363	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414628	5412693	0.03944	367	367	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414628	5413193	0.04153	371	371	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	414628	5413693	0.03888	371	371	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	414628	5414193	0.04729	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	414628	5414693	0.04705	369.61	369.61	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	414628	5415193	0.03394	366.83	366.83	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414628	5415693	0.03159	356.12	356.12	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414628	5416193	0.03059	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414628	5416693	0.03455	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414628	5417193	0.04084	352	352	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414628	5417693	0.04273	353	353	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414628	5418193	0.04046	354	354	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414628	5418693	0.03935	355	355	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414628	5419193	0.03923	356	356	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414628	5419693	0.03647	358	358	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414628	5420193	0.03229	358	358	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414628	5420693	0.03034	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414628	5421193	0.03049	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414128	5408193	0.05145	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414128	5408693	0.05105	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414128	5409193	0.05195	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414128	5409693	0.04427	361	361	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	414128	5410193	0.04346	359	359	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	414128	5410693	0.04748	357	357	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414128	5411193	0.07315	370.5	370.5	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414128	5411693	0.05958	364	364	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414128	5412193	0.04193	362	362	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414128	5412693	0.03802	367	367	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	414128	5413193	0.03466	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	414128	5413693	0.03789	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	414128	5414193	0.04013	367	367	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	414128	5414693	0.0446	363	363	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	414128	5415193	0.03619	358.06	358.06	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	414128	5415693	0.03024	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414128	5416193	0.0291	350	350	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	414128	5416693	0.02929	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414128	5417193	0.03454	351	351	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414128	5417693	0.03938	353.76	353.76	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414128	5418193	0.03932	355	355	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414128	5418693	0.03704	357	357	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414128	5419193	0.03661	358	358	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414128	5419693	0.03635	359	359	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414128	5420193	0.03339	359	359	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	414128	5420693	0.02962	360	360	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	414128	5421193	0.02809	360	360	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	414128	5422027	0.02839	360	360	0	MONTH	PIT	1ST	1/31/1998 24 hr
TMA	414128	5422860	0.02603	360	360	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	414128	5423693	0.03228	360	360	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	415100	5422027	0.03237	361	361	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	415100	5422860	0.03787	360	360	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	415100	5423693	0.03593	357.11	357.11	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	416072	5422027	0.04357	349	349	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	416072	5422860	0.03827	350	350	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	416072	5423693	0.02967	351.91	351.91	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	417045	5422027	0.03936	349	349	0	MONTH	PIT	1ST	1/31/2000 24 hr
TMA	417045	5422860	0.02956	354.82	354.82	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	417045	5423693	0.03207	364.19	364.19	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	418017	5422027	0.03651	343.69	351	0	MONTH	PIT	1ST	12/31/1996 24 hr
TMA	418017	5422860	0.03529	363.82	363.82	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	418017	5423693	0.03022	361.57	361.57	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	418989	5422027	0.03696	361	361	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	418989	5422860	0.0318	344.52	344.52	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	418989	5423693	0.03006	354.77	354.77	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	419961	5422027	0.03998	349	349	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	419961	5422860	0.04385	343.48	343.48	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	419961	5423693	0.04537	360	360	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	420934	5422027	0.06261	366.69	366.69	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	420934	5422860	0.05388	351	351	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	420934	5423693	0.04697	355.19	355.19	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	421906	5422027	0.05626	355.05	355.05	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	421906	5422860	0.04972	351	351	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	421906	5423693	0.04442	360	360	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422878	5422027	0.04945	373.63	373.63	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422878	5422860	0.04499	357	357	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	422878	5423693	0.04086	360.28	360.28	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	423850	5422027	0.05123	379.96	379.96	0	MONTH	PIT	1ST	8/31/1996 24 hr
TMA	423850	5422860	0.04523	355.8	355.8	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	423850	5423693	0.04399	368.01	368.01	0	MONTH	PIT	1ST	12/31/1999 24 hr
TMA	424822	5422027	0.0655	364.2	364.2	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	424822	5422860	0.05892	361.94	361.94	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	424822	5423693	0.05567	374	374	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425795	5422027	0.06784	367	367	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425795	5422860	0.06073	366	366	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	425795	5423693	0.05467	366.05	366.05	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426767	5422027	0.08384	368.71	368.71	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426767	5422860	0.07366	370	370	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	426767	5423693	0.06567	367	367	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427739	5422027	0.06101	381.56	381.56	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427739	5422860	0.06221	365	365	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	427739	5423693	0.05965	366	366	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	428711	5422027	0.04888	360.65	360.65	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	428711	5422860	0.04391	369.42	370	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	428711	5423693	0.04191	380.79	380.79	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	429684	5422027	0.05193	351	351	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	429684	5422860	0.04679	351.04	351.04	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	429684	5423693	0.04087	364.07	364.07	0	MONTH	PIT	1ST	2/28/1998 24 hr
TMA	430656	5422027	0.06187	346	346	0	MONTH	PIT	1ST	12/31/2000 24 hr
TMA	430656	5422860	0.05289	352	352	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	430656	5423693	0.0445	351.48	351.48	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	431628	5422027	0.05997	351.82	351.82	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	431628	5422860	0.0546	349.61	349.61	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	431628	5423693	0.05117	339	339	0	MONTH	PIT	1ST	12/31/2000 24 hr
TMA	429961	5421193	0.06545	355.45	355.45	0	MONTH	PIT	1ST	2/29/2000 24 hr
TMA	429961	5420221	0.08377	362	362	0	MONTH	PIT	1ST	12/31/2000 24 hr
TMA	429961	5419249	0.09453	374.41	374.41	0	MONTH	PIT	1ST	2/29/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	429961	5418277	0.11147	371	371	0 MONTH	PIT	1ST		2/29/2000 24 hr
TMA	429961	5417304	0.1332	371	371	0 MONTH	PIT	1ST		2/29/2000 24 hr
TMA	429961	5416332	0.15832	378	378	0 MONTH	PIT	1ST		1/31/1996 24 hr
TMA	429961	5413415	0.14046	390	390	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	429961	5407582	0.2047	359	359	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	429961	5406610	0.15884	361.02	361.02	0 MONTH	PIT	1ST		4/30/1996 24 hr
TMA	429961	5405638	0.14477	367	367	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	429961	5404665	0.17161	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	429961	5403693	0.10992	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	430795	5421193	0.06921	358	358	0 MONTH	PIT	1ST		2/29/2000 24 hr
TMA	430795	5420221	0.0787	362	362	0 MONTH	PIT	1ST		2/29/2000 24 hr
TMA	430795	5419249	0.09196	370	370	0 MONTH	PIT	1ST		2/29/2000 24 hr
TMA	430795	5418277	0.10597	370	370	0 MONTH	PIT	1ST		2/29/2000 24 hr
TMA	430795	5417304	0.12079	385.02	385.02	0 MONTH	PIT	1ST		2/28/1998 24 hr
TMA	430795	5416332	0.14595	389.42	390	0 MONTH	PIT	1ST		2/29/2000 24 hr
TMA	430795	5413415	0.14093	378	378	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	430795	5409527	0.22592	381	381	0 MONTH	PIT	1ST		12/31/1998 24 hr
TMA	430795	5408554	0.24372	366.09	366.09	0 MONTH	PIT	1ST		1/31/1996 24 hr
TMA	430795	5406610	0.14196	372.63	372.63	0 MONTH	PIT	1ST		10/31/1999 24 hr
TMA	430795	5405638	0.1198	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	430795	5404665	0.1022	365	365	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	430795	5403693	0.12381	362	362	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	431628	5421193	0.06763	369.26	369.26	0 MONTH	PIT	1ST		2/29/2000 24 hr
TMA	431628	5420221	0.07592	370	370	0 MONTH	PIT	1ST		2/29/2000 24 hr
TMA	431628	5419249	0.08691	365.51	365.51	0 MONTH	PIT	1ST		2/29/2000 24 hr
TMA	431628	5418277	0.09479	370.11	392	0 MONTH	PIT	1ST		2/29/2000 24 hr
TMA	431628	5417304	0.11569	373	391	0 MONTH	PIT	1ST		2/29/2000 24 hr
TMA	431628	5416332	0.09753	382.43	382.43	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	431628	5415360	0.08028	378.88	378.88	0 MONTH	PIT	1ST		7/31/1998 24 hr
TMA	431628	5414388	0.09635	379	379	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	431628	5413415	0.12718	376	376	0 MONTH	PIT	1ST		12/31/1998 24 hr
TMA	431628	5412443	0.16346	380	380	0 MONTH	PIT	1ST		12/31/1998 24 hr
TMA	431628	5411471	0.1965	382	382	0 MONTH	PIT	1ST		12/31/1998 24 hr
TMA	431628	5409527	0.1653	381	381	0 MONTH	PIT	1ST		12/31/1998 24 hr
TMA	431628	5408554	0.19414	361	361	0 MONTH	PIT	1ST		1/31/1996 24 hr
TMA	431628	5407582	0.12838	368.07	368.07	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	431628	5406610	0.12158	378	378	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	431628	5405638	0.10439	368.84	368.84	0 MONTH	PIT	1ST		4/30/1996 24 hr
TMA	431628	5404665	0.10532	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	431628	5403693	0.07325	379.57	379.57	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	429128	5405360	0.20962	363	363	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	429128	5404527	0.13542	368	368	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	429128	5403693	0.08934	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	428156	5405360	0.16075	362	362	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	428156	5404527	0.14612	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	428156	5403693	0.10568	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	427184	5405360	0.15632	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	427184	5404527	0.11956	367.45	367.45	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	427184	5403693	0.08792	366.53	366.53	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	426211	5405360	0.1751	363.02	363.02	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	426211	5404527	0.13491	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	426211	5403693	0.10903	367.92	367.92	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	425239	5405360	0.2839	364	364	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	425239	5404527	0.21595	369.22	369.22	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	425239	5403693	0.16556	364.64	364.64	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	424267	5405360	0.25068	361	361	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	424267	5404527	0.19158	361.96	361.96	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	424267	5403693	0.15238	364.64	364.64	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	423295	5405360	0.1509	360	360	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	423295	5404527	0.1451	357	357	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	423295	5403693	0.14721	363	363	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	422322	5405360	0.16653	355	355	0 MONTH	PIT	1ST		1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422322	5404527	0.12536	354	354	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	422322	5403693	0.08591	359	359	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	421350	5404527	0.12574	356.96	356.96	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	421350	5403693	0.09799	359	359	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	420378	5405360	0.10327	360	360	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	420378	5404527	0.08332	349.55	349.55	0 MONTH	PIT	1ST		4/30/1996 24 hr
TMA	420378	5403693	0.0844	360	360	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	419406	5405360	0.07945	352	352	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	419406	5404527	0.0799	352	352	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	419406	5403693	0.06421	357	357	0 MONTH	PIT	1ST		4/30/1996 24 hr
TMA	418434	5405360	0.07825	343.7	343.7	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	418434	5404527	0.06215	351	351	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	418434	5403693	0.06397	344.26	344.26	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	417461	5405360	0.08744	349.41	349.41	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	417461	5404527	0.06081	358	358	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	417461	5403693	0.05061	350	350	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	416489	5405360	0.06972	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416489	5404527	0.06985	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	416489	5403693	0.04951	348	348	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	415517	5405360	0.05877	349.67	349.67	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	415517	5404527	0.0622	352.74	352.74	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	415517	5403693	0.05328	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414545	5405360	0.05036	346	346	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	414545	5404527	0.04963	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	414545	5403693	0.05523	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	413572	5405360	0.04422	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	413572	5404527	0.04639	342.07	342.07	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	413572	5403693	0.04519	347.01	347.01	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	412600	5405360	0.03993	339.29	339.29	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	412600	5404527	0.0398	337	337	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	412600	5403693	0.03738	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	411628	5405360	0.0347	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	411628	5404527	0.03437	339.78	339.78	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	411628	5403693	0.03812	338	338	0 MONTH	PIT	1ST		1/31/1999 24 hr
TMA	413295	5406193	0.04147	348.65	348.65	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	413295	5407165	0.06275	350	350	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	413295	5408138	0.04478	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	413295	5409110	0.04676	358.76	358.76	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	413295	5410082	0.03995	358	358	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	413295	5411054	0.05259	355	355	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	413295	5412027	0.04578	356	356	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	413295	5412999	0.03238	359	359	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	413295	5413971	0.03382	365.12	365.12	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	413295	5414943	0.03824	353.61	353.61	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	413295	5415915	0.02757	351	351	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	413295	5416888	0.02507	353	353	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	413295	5417860	0.03247	355	355	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	413295	5418832	0.03489	357	357	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	413295	5419804	0.03259	358.67	358.67	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	413295	5420777	0.03074	359	359	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	413295	5421749	0.02515	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	413295	5422721	0.02546	361	361	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	413295	5423693	0.02335	359.14	359.14	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	412461	5406193	0.03813	345	345	0 MONTH	PIT	1ST		1/31/2000 24 hr
TMA	412461	5407165	0.05544	348	348	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	412461	5408138	0.03942	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	412461	5409110	0.04183	355.04	355.04	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	412461	5410082	0.0363	355.14	355.14	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	412461	5411054	0.04572	354	354	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	412461	5412027	0.04426	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	412461	5412999	0.03018	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	412461	5413971	0.02942	360	360	0 MONTH	PIT	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	412461	5414943	0.03393	351	351	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	412461	5415915	0.02908	350	350	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	412461	5416888	0.02395	354	354	0 MONTH	PIT	1ST		12/31/1999 24 hr
TMA	412461	5417860	0.02454	354	354	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	412461	5418832	0.03207	356	356	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	412461	5419804	0.0298	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	412461	5420777	0.02957	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	412461	5421749	0.02606	355	355	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	412461	5422721	0.02224	353	353	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	412461	5423693	0.02296	361	361	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	411628	5406193	0.0399	345	345	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	411628	5407165	0.04645	347	347	0 MONTH	PIT	1ST		12/31/2000 24 hr
TMA	411628	5408138	0.03552	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	411628	5409110	0.03757	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	411628	5410082	0.03313	350	350	0 MONTH	PIT	1ST		9/30/1996 24 hr
TMA	411628	5411054	0.0399	353.58	353.58	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	411628	5412027	0.04275	356	356	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	411628	5412999	0.02816	353.13	353.13	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	411628	5413971	0.02508	353.37	353.37	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	411628	5414943	0.02916	349.88	349.88	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	411628	5415915	0.02986	359.68	359.68	0 MONTH	PIT	1ST		12/31/1997 24 hr
TMA	411628	5416888	0.02218	360.86	360.86	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	411628	5417860	0.02019	360	360	0 MONTH	PIT	1ST		4/30/1996 24 hr
TMA	411628	5418832	0.02596	357	357	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	411628	5419804	0.02905	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	411628	5420777	0.02623	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	411628	5421749	0.02669	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	411628	5422721	0.0217	361.2	361.2	0 MONTH	PIT	1ST		1/31/1998 24 hr
TMA	411628	5423693	0.02006	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	424480	5408573	0.8274	348	348	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424480	5408523	0.80052	348.55	348.55	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424480	5408473	0.77252	349	349	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424480	5408423	0.7443	349.87	349.87	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424480	5408373	0.71433	350	350	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424480	5408323	0.68452	350.68	350.68	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424480	5408273	0.67542	351.34	351.34	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424430	5408573	0.80772	348	348	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424430	5408523	0.78506	348.58	348.58	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424430	5408473	0.76125	349	349	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424430	5408423	0.73732	350	350	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424430	5408373	0.71118	350.05	350.05	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424430	5408323	0.68528	351	351	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424430	5408273	0.65853	352	352	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424380	5408573	0.78479	348	348	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424380	5408523	0.76556	348.61	348.61	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424380	5408473	0.74543	349	349	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424380	5408423	0.72534	350	350	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424380	5408373	0.70419	351	351	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424380	5408323	0.6812	351.24	351.24	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424380	5408273	0.6581	352.4	352.4	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	426976	5407714	0.53141	350	350	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426976	5407615	0.49599	350.8	350.8	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426976	5407517	0.46623	352.28	352.28	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426976	5407418	0.44029	356.47	356.47	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426976	5407319	0.4162	360.1	360.1	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426976	5407221	0.39666	365.35	365.35	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426976	5407122	0.3735	369.63	369.63	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426976	5407023	0.35236	371	371	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427072	5407714	0.53476	350	350	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427072	5407615	0.49529	350	350	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427072	5407517	0.46259	350	350	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427072	5407418	0.43576	352.13	362	0 MONTH	PIT	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	427072	5407319	0.41313	362.04	362.04	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427072	5407221	0.39344	364.17	364.17	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427072	5407122	0.37502	366.09	366.09	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427072	5407023	0.35695	368	368	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427168	5407714	0.54434	351	351	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427168	5407615	0.49984	350	350	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427168	5407517	0.46305	350	350	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427168	5407418	0.43237	350	361	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427168	5407319	0.4083	355.95	361	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427168	5407221	0.38674	358.24	358.24	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427168	5407122	0.36888	361.42	361.42	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427168	5407023	0.35373	363.55	363.55	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427265	5407714	0.56003	354.98	354.98	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427265	5407615	0.51199	352.85	352.85	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427265	5407517	0.46997	351	351	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427265	5407418	0.43437	350	350	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427265	5407319	0.40617	352.94	352.94	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427265	5407221	0.3825	357.79	357.79	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427265	5407122	0.36233	360	360	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427265	5407023	0.34536	360.72	360.72	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427361	5407714	0.57572	358.39	358.39	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427361	5407615	0.52824	356.25	356.25	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427361	5407517	0.48351	352.64	352.64	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427361	5407418	0.44316	350	350	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427361	5407319	0.4101	351.93	351.93	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427361	5407221	0.38237	354.41	354.41	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427361	5407122	0.35921	357.1	357.1	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427361	5407023	0.3401	360	360	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427457	5407714	0.586	361	361	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427457	5407615	0.54328	358.98	358.98	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427457	5407517	0.5004	355.42	355.42	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427457	5407418	0.45856	352.23	352.23	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427457	5407319	0.4209	351	351	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427457	5407221	0.38858	352	352	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427457	5407122	0.36124	353.97	353.97	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427457	5407023	0.33861	358.55	358.55	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427553	5407714	0.59311	362	362	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427553	5407615	0.55174	360	360	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427553	5407517	0.51439	358.25	358.25	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427553	5407418	0.47541	358.56	358.56	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427553	5407319	0.43749	355.17	355.17	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427553	5407221	0.40163	352.25	352.25	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427553	5407122	0.36969	351	351	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427553	5407023	0.34317	353.88	353.88	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427649	5407714	0.58167	364.04	364.04	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427649	5407615	0.55663	362.25	362.25	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427649	5407517	0.52949	364.29	364.29	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427649	5407418	0.4947	364.9	364.9	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427649	5407319	0.45532	361.58	366	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427649	5407221	0.41812	359.57	359.57	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427649	5407122	0.38438	352.5	361	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427649	5407023	0.35406	352.5	352.5	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427745	5407517	0.52486	369.72	369.72	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427745	5407418	0.50096	371	371	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427745	5407319	0.47226	369.08	369.08	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427745	5407221	0.43738	363.91	363.91	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427745	5407122	0.4007	356.34	362	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427745	5407023	0.36917	352.45	352.45	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427842	5407517	0.50237	371.09	371.09	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427842	5407418	0.49146	372	372	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427842	5407319	0.47578	370.39	370.39	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	427842	5407221	0.45143	367.13	367.13	0	MONTH	PIT	1ST	12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	427842	5407122	0.4132	359.72	359.72	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427842	5407023	0.38417	352	352	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427938	5407517	0.46861	371.85	371.85	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427938	5407418	0.46913	371	371	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427938	5407319	0.46453	369.44	369.44	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427938	5407221	0.44948	364.3	364.3	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427938	5407122	0.41873	358.83	358.83	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427938	5407023	0.39501	352.66	352.66	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428034	5407517	0.43522	370.57	370.57	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428034	5407418	0.43652	371	371	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428034	5407319	0.44035	368.49	368.49	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428034	5407221	0.43552	363.72	363.72	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428034	5407122	0.41499	358.93	358.93	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428034	5407023	0.3983	353.71	353.71	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428130	5407517	0.40482	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428130	5407418	0.40447	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428130	5407319	0.40997	367.55	367.55	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428130	5407221	0.41204	362.59	362.59	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428130	5407122	0.40251	357.97	357.97	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428130	5407023	0.39248	352.97	352.97	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426880	5407696	0.52655	353.15	353.15	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426880	5407600	0.49445	354.09	354.09	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426880	5407504	0.46591	355.99	355.99	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426880	5407408	0.43936	358.33	358.33	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426880	5407312	0.4174	362.3	362.3	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426880	5407216	0.39331	367.62	367.62	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426880	5407119	0.36808	370.93	370.93	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426880	5407023	0.3444	372.97	372.97	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426781	5407696	0.52782	356	356	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426781	5407600	0.49485	357.04	357.04	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426781	5407504	0.4644	358.56	358.56	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426781	5407408	0.43565	360.61	360.61	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426781	5407312	0.41318	364.81	364.81	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426781	5407216	0.38526	369.68	369.68	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426781	5407119	0.35838	372	372	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426781	5407023	0.33276	374	374	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426683	5407696	0.52334	359.06	359.06	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426683	5407600	0.48798	359.98	359.98	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426683	5407504	0.45842	361.25	361.25	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426683	5407408	0.42864	363.89	363.89	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426683	5407312	0.39843	367.43	367.43	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426683	5407216	0.36844	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426683	5407119	0.34006	371.94	371.94	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426683	5407023	0.31321	374.04	374.04	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426584	5407696	0.51216	361.53	361.53	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426584	5407600	0.47424	362.53	362.53	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426584	5407504	0.43847	362.88	362.88	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426584	5407408	0.40484	364.48	364.48	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426584	5407312	0.37203	367.47	367.47	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426584	5407216	0.34118	369.98	369.98	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426584	5407119	0.31333	371.96	371.96	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426584	5407023	0.28792	374.1	374.1	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426485	5407696	0.48081	365.1	365.1	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426485	5407600	0.43843	366.91	366.91	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426485	5407504	0.40301	366.8	366.8	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426485	5407408	0.37436	364.84	364.84	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426485	5407312	0.3469	364.7	364.7	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426485	5407216	0.31655	368.85	368.85	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426485	5407119	0.29004	372.01	372.01	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426485	5407023	0.27223	375.06	375.06	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426387	5407696	0.43617	368.41	368.41	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426387	5407600	0.39698	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	426387	5407504	0.36448	371	371	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426387	5407408	0.35059	368.39	368.39	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426387	5407312	0.33792	366.06	366.06	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426387	5407216	0.31993	370.9	370.9	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426387	5407119	0.30366	373	373	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426387	5407023	0.2873	375.21	375.21	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426288	5407696	0.42758	370.89	370.89	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426288	5407600	0.39998	373.78	373.78	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426288	5407504	0.3844	372.5	372.5	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426288	5407408	0.37318	368.33	368.33	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426288	5407312	0.35633	367.43	367.43	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426288	5407216	0.33463	370.96	370.96	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426288	5407119	0.31538	373	373	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426288	5407023	0.29863	374.27	374.27	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426189	5407696	0.43275	376.58	376.58	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426189	5407600	0.40949	376.59	376.59	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426189	5407504	0.40101	372.44	372.44	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426189	5407408	0.38735	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426189	5407312	0.36937	368	368	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426189	5407216	0.34801	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426189	5407119	0.32816	372	372	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426189	5407023	0.31127	373.32	373.32	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426091	5407696	0.42816	381	381	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426091	5407600	0.42622	376.7	376.7	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426091	5407504	0.42379	370.39	370.39	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426091	5407408	0.40452	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426091	5407312	0.38329	369.4	369.4	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426091	5407216	0.36361	370.02	370.02	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426091	5407119	0.34457	371.24	371.24	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426091	5407023	0.32629	373	373	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425992	5407696	0.48882	376.16	376.16	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425992	5407600	0.46844	374.34	374.34	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425992	5407504	0.45456	370.33	370.33	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425992	5407408	0.43257	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425992	5407312	0.40926	369.11	369.11	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425992	5407216	0.38639	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425992	5407119	0.36493	371.08	371.08	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425992	5407023	0.34429	372.64	372.64	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425893	5407696	0.56593	371.62	371.62	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425893	5407600	0.53026	371.42	371.42	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425893	5407504	0.50344	369.27	369.27	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425893	5407408	0.47596	368	368	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425893	5407312	0.44817	368	368	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425893	5407216	0.42062	369.05	369.05	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425893	5407119	0.3947	370.35	370.35	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425893	5407023	0.36912	372.49	372.49	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425794	5407696	0.6452	368	368	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425794	5407600	0.59944	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425794	5407504	0.56293	368	368	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425794	5407408	0.53116	366.01	366.01	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425794	5407312	0.49876	366.02	366.02	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425794	5407216	0.4654	368.24	368.24	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425794	5407119	0.43521	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425794	5407023	0.40695	372	372	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425696	5407696	0.71356	364.24	364.24	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425696	5407600	0.66634	364.51	364.51	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425696	5407504	0.62436	363.59	363.59	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425696	5407408	0.58578	362.68	362.68	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425696	5407312	0.54971	364.12	364.12	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425696	5407216	0.51561	366.3	366.3	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425696	5407119	0.48277	368.96	368.96	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425696	5407023	0.4534	370.61	370.61	0 MONTH	PIT	1ST		12/31/2000 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	425597	5407696	0.75901	358.97	358.97	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425597	5407600	0.71014	359.06	359.06	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425597	5407504	0.66568	360	360	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425597	5407408	0.62904	361.05	361.05	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425597	5407312	0.59353	363	363	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425597	5407216	0.55991	365.14	365.14	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425597	5407119	0.52774	367.25	367.25	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425597	5407023	0.49784	368.85	368.85	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425498	5407696	0.79493	360	360	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425498	5407600	0.74452	360.32	360.32	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425498	5407504	0.69889	361	361	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425498	5407408	0.66457	362.32	362.32	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425498	5407312	0.62823	364.04	364.04	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425498	5407216	0.5942	365.06	365.06	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425498	5407119	0.56254	366	366	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425498	5407023	0.53326	367	367	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425400	5407696	0.81583	361	361	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425400	5407600	0.77196	361.98	361.98	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425400	5407504	0.72699	363.01	363.01	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425400	5407408	0.68607	365.12	365.12	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425400	5407312	0.648	367.19	367.19	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425400	5407216	0.61296	368.74	368.74	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425400	5407119	0.58091	369.79	369.79	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425400	5407023	0.55303	369.34	369.34	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425301	5407696	0.82361	361.78	361.78	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425301	5407600	0.77459	363	363	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425301	5407504	0.72957	365.07	365.07	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425301	5407408	0.68748	367.23	367.23	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425301	5407312	0.64915	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425301	5407216	0.61501	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425301	5407119	0.58504	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425301	5407023	0.55765	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424413	5408177	0.62693	354	354	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424413	5408081	0.60853	356	356	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424413	5407985	0.58402	358	358	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424413	5407889	0.55652	359.98	359.98	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424413	5407792	0.51772	366.77	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424413	5407696	0.47014	373.85	373.85	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424413	5407600	0.43603	376.64	376.64	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424413	5407504	0.42073	375.3	375.3	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424413	5407408	0.41251	372.2	372.2	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424413	5407312	0.40389	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424413	5407216	0.39578	368.94	368.94	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424413	5407119	0.39142	367	367	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424413	5407023	0.38818	365.15	365.15	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424314	5408177	0.6111	354	354	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424314	5408081	0.56911	355.75	355.75	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424314	5407985	0.55574	357	357	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424314	5407889	0.5363	358.04	358.04	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424314	5407792	0.51271	360.23	373	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424314	5407696	0.47978	367.81	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424314	5407600	0.44123	372.59	372.59	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424314	5407504	0.41716	372.1	372.1	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424314	5407408	0.39937	370.07	370.07	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424314	5407312	0.38559	367.47	367.47	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424314	5407216	0.37319	365.95	365.95	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424314	5407119	0.3639	364.62	364.62	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424314	5407023	0.35656	364	364	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424216	5408177	0.59811	354	354	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424216	5408081	0.56695	355	355	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424216	5407985	0.53169	356.95	356.95	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424216	5407889	0.50921	358	358	0 MONTH	PIT	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	424216	5407792	0.49434	359	359	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424216	5407696	0.47775	362.68	362.68	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424216	5407600	0.45079	367.29	367.29	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424216	5407504	0.42407	367.82	367.82	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424216	5407408	0.40149	365.91	365.91	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424216	5407312	0.38296	363	363	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424216	5407216	0.36371	363	363	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424216	5407119	0.34532	364.27	364.27	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424216	5407023	0.33078	365.35	365.35	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424117	5408177	0.57167	354	354	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424117	5408081	0.55104	355.87	355.87	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424117	5407985	0.52672	357	357	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424117	5407889	0.49806	358	358	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424117	5407792	0.4676	359.32	359.32	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424117	5407696	0.45686	360.57	360.57	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424117	5407600	0.44166	361	361	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424117	5407504	0.42538	361.37	361.37	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424117	5407408	0.40383	362	362	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424117	5407312	0.38091	363.53	368	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424117	5407216	0.35502	367.37	367.37	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424117	5407119	0.333	368.29	368.29	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424117	5407023	0.31523	368.2	368.2	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424018	5408177	0.53936	355.51	355.51	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424018	5408081	0.52395	356.55	356.55	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424018	5407985	0.50798	357.54	357.54	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424018	5407889	0.48953	358.21	358.21	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424018	5407792	0.46687	359	359	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424018	5407696	0.43979	360	360	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424018	5407600	0.42893	362.67	362.67	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424018	5407504	0.41793	365.89	365.89	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424018	5407408	0.39943	368.97	368.97	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424018	5407312	0.37733	370.91	370.91	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424018	5407216	0.35566	371	371	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424018	5407119	0.3337	371	371	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424018	5407023	0.31402	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423919	5408177	0.50754	358	358	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423919	5408081	0.49287	358	358	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423919	5407985	0.48083	358	358	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423919	5407889	0.46924	358	358	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423919	5407792	0.45544	359	359	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423919	5407696	0.4378	360.88	360.88	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423919	5407600	0.42552	364.73	364.73	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423919	5407504	0.39849	368.87	368.87	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423919	5407408	0.38832	371.04	371.04	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423919	5407312	0.3742	372	372	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423919	5407216	0.35783	372	372	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423919	5407119	0.33912	372	372	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423919	5407023	0.32032	371	371	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423821	5408177	0.48087	360	360	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423821	5408081	0.46459	359	359	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423821	5407985	0.45221	358	358	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423821	5407889	0.44274	357.67	357.67	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423821	5407792	0.43394	359.5	359.5	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423821	5407696	0.42818	361.94	361.94	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423821	5407600	0.42042	365.79	365.79	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423821	5407504	0.40501	369	369	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423821	5407408	0.38139	371.1	371.1	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423821	5407312	0.36231	372	372	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423821	5407216	0.35335	371.72	371.72	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423821	5407119	0.34112	371	371	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423821	5407023	0.32564	371	371	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423722	5408177	0.46009	359.06	359.06	0 MONTH	PIT	1ST		1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	423722	5408081	0.44212	358	358	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423722	5407985	0.42743	356.35	356.35	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423722	5407889	0.41641	357	357	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423722	5407792	0.40848	358.55	358.55	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423722	5407696	0.4022	360	360	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423722	5407600	0.39994	363.84	363.84	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423722	5407504	0.39542	368	368	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423722	5407408	0.38441	370.1	370.1	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423722	5407312	0.36633	370.74	370.74	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423722	5407216	0.34215	370	370	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423722	5407119	0.33402	369.91	369.91	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423722	5407023	0.32427	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423623	5408177	0.44258	357	357	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423623	5408081	0.42456	356	356	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423623	5407985	0.40802	356	356	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423623	5407889	0.39435	356.87	356.87	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423623	5407792	0.38435	358	358	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423623	5407696	0.37775	360.04	360.04	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423623	5407600	0.37246	363.9	363.9	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423623	5407504	0.3725	367.05	367.05	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423623	5407408	0.37133	369	369	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423623	5407312	0.36497	369	369	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423623	5407216	0.35121	368	368	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423623	5407119	0.33067	367	367	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423623	5407023	0.3148	366.54	366.54	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423525	5408177	0.4258	355	355	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423525	5408081	0.40956	355	355	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423525	5407985	0.39308	355	355	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423525	5407889	0.37776	356	356	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423525	5407792	0.36495	357.67	357.67	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423426	5408177	0.40862	353	353	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423426	5408081	0.39505	354	354	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423426	5407985	0.38034	354	354	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423426	5407889	0.36525	355.56	355.56	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423426	5407792	0.3507	358.78	372	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423327	5408177	0.39142	352	352	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423327	5408081	0.37998	352.5	352.5	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423327	5407985	0.36781	353	353	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423327	5407889	0.35458	355	378	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423327	5407792	0.3401	360.58	380	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423229	5408177	0.37545	354.3	354.3	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423229	5408081	0.36516	355	355	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423229	5407985	0.35507	355.59	355.59	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423229	5407889	0.34393	357.72	381	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423229	5407792	0.33239	367.49	380	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423130	5408177	0.36045	356	356	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423130	5408081	0.35026	357	357	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423130	5407985	0.34131	357.83	357.83	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423130	5407889	0.33215	360.74	380	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424284	5408273	0.64394	352.46	352.46	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424284	5408372	0.67627	351	351	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424284	5408471	0.70568	349	349	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424284	5408569	0.73566	347.79	347.79	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424188	5408273	0.61576	352	352	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424188	5408372	0.63897	350.26	350.26	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424188	5408471	0.66354	349	349	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424188	5408569	0.68989	347.04	347.04	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424092	5408273	0.58192	353	353	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424092	5408372	0.60197	351.02	351.02	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424092	5408471	0.62606	350	350	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	424092	5408569	0.65246	347.79	347.79	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423995	5408273	0.5489	354.72	354.72	0 MONTH	PIT	1ST		1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	423995	5408372	0.5697	352.59	352.59	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423995	5408471	0.59385	350.49	350.49	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423995	5408569	0.61943	347.85	347.85	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423899	5408273	0.52029	357.85	357.85	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423899	5408372	0.54285	355.06	355.06	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423899	5408471	0.56625	351.16	351.16	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423899	5408569	0.59026	348.73	348.73	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423803	5408273	0.49663	360	360	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423803	5408372	0.51912	357.44	357.44	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423803	5408471	0.54107	352.21	352.21	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423803	5408569	0.56281	349.96	349.96	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423707	5408273	0.47674	358.98	358.98	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423707	5408372	0.49717	356.34	356.34	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423707	5408471	0.51646	352.27	352.27	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423707	5408569	0.53583	350.01	350.01	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423611	5408273	0.45808	355.94	355.94	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423611	5408372	0.47532	353.6	353.6	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423611	5408471	0.49239	351.33	351.33	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423611	5408569	0.51061	350	350	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423515	5408273	0.43894	353.29	353.29	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423515	5408372	0.45398	352	352	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423515	5408471	0.47006	351	351	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423515	5408569	0.48952	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	423418	5408273	0.42012	352	352	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423418	5408372	0.4339	351	351	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423418	5408471	0.44939	350.37	350.37	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423418	5408569	0.49565	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	423322	5408273	0.40214	351	351	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423322	5408372	0.41582	351	351	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423322	5408471	0.44317	351	351	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	423322	5408569	0.50028	350.13	350.13	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	423226	5408273	0.38663	354	354	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423226	5408372	0.4	353	353	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423226	5408471	0.45039	352	352	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	423226	5408569	0.50164	351.25	351.25	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	423130	5408273	0.37209	355.12	355.12	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	423130	5408372	0.40524	354.82	354.82	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	423130	5408471	0.45522	353.62	353.62	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	423130	5408569	0.49816	353	353	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	423530	5415023	0.17807	394	394	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	423730	5415023	0.20332	395.63	395.63	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	423930	5415023	0.20958	396.34	396.34	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	424130	5414623	0.22114	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	424130	5414823	0.21759	397.55	397.55	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	424130	5415023	0.2013	398	398	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	424330	5414623	0.21592	399.72	399.72	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	424330	5414823	0.19864	400	400	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	424330	5415023	0.1943	397	397	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	424530	5414623	0.22358	393.92	393.92	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	424530	5414823	0.2077	394.09	394.09	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	424530	5415023	0.19559	393.27	393.27	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	424730	5414623	0.22897	388	388	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	424730	5414823	0.21605	387	387	0 MONTH	PIT	1ST		8/31/1996 24 hr
MINE	424730	5415023	0.20805	386.18	386.18	0 MONTH	PIT	1ST		8/31/1996 24 hr
MINE	424930	5414223	0.26979	386	386	0 MONTH	PIT	1ST		8/31/1996 24 hr
MINE	424930	5414423	0.25217	388.43	388.43	0 MONTH	PIT	1ST		8/31/1996 24 hr
MINE	424930	5414623	0.23549	390.27	390.27	0 MONTH	PIT	1ST		8/31/1996 24 hr
MINE	424930	5414823	0.22277	387.3	387.3	0 MONTH	PIT	1ST		8/31/1996 24 hr
MINE	424930	5415023	0.20978	381	381	0 MONTH	PIT	1ST		8/31/1996 24 hr
MINE	425130	5414223	0.25317	392.46	395	0 MONTH	PIT	1ST		8/31/1996 24 hr
MINE	425130	5414423	0.25448	383	383	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	425130	5414623	0.23191	387	387	0 MONTH	PIT	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	425130	5414823	0.22418	384.85	384.85	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425130	5415023	0.21968	381	381	0	MONTH	PIT	1ST	12/31/1999 24 hr
MINE	425330	5414223	0.29448	384.97	384.97	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425330	5414423	0.28567	381	381	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425330	5414623	0.26676	382.16	382.16	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425330	5414823	0.2538	381	381	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425330	5415023	0.24403	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425530	5414223	0.33076	382	382	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425530	5414423	0.31445	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425530	5414623	0.29677	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425530	5414823	0.2788	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425530	5415023	0.26372	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425730	5414223	0.36892	381	381	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425730	5414423	0.34462	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425730	5414623	0.32038	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425730	5414823	0.29862	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425730	5415023	0.28065	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425930	5414223	0.40494	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425930	5414423	0.37152	381	381	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425930	5414623	0.34196	382	382	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425930	5414823	0.32079	381	381	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425930	5415023	0.30335	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426130	5414223	0.43122	380.57	380.57	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426130	5414423	0.39857	382	382	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426130	5414623	0.36711	384	384	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426130	5414823	0.34462	383.86	383.86	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426130	5415023	0.32867	381.47	381.47	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426330	5414223	0.40425	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426330	5414423	0.38286	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426330	5414623	0.35803	381.87	381.87	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426330	5414823	0.32939	385.51	385.51	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426330	5415023	0.30718	387.56	387.56	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426530	5414223	0.34555	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426530	5414423	0.3297	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426530	5414623	0.3131	381	381	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426530	5414823	0.28695	386.94	386.94	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426530	5415023	0.26793	390	390	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426730	5414223	0.28469	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426730	5414423	0.2694	378.61	378.61	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426730	5414623	0.25554	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426730	5414823	0.23313	386.74	386.74	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426730	5415023	0.22102	389.16	389.16	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426930	5414223	0.26282	378.5	378.5	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426930	5414423	0.24504	379	379	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426930	5414623	0.22855	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426930	5414823	0.21137	383	383	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426930	5415023	0.19779	385	385	0	MONTH	PIT	1ST	10/31/2000 24 hr
MINE	427130	5414223	0.26286	380	380	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	427130	5414423	0.23808	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	427130	5414623	0.22202	381	381	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	427130	5414823	0.20714	382	382	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	427130	5415023	0.19239	384	384	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	427330	5414223	0.30937	380	380	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	427330	5414423	0.27351	381	381	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	427330	5414623	0.24095	381.79	381.79	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	427330	5414823	0.21242	382.06	382.06	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	427330	5415023	0.19257	383	383	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	427530	5414223	0.32465	383	383	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	427530	5414423	0.29706	383	383	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	427530	5414623	0.27046	383	383	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	427530	5414823	0.24607	382	382	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	427530	5415023	0.22204	381.28	381.28	0	MONTH	PIT	1ST	2/29/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	427730	5414223	0.30995	388.65	388.65	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	427730	5414423	0.29686	386.28	386.28	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	427730	5414623	0.2767	386	386	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	427730	5414823	0.25875	385	385	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	427730	5415023	0.2415	383.26	383.26	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	427930	5414223	0.27723	394.48	400	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	427930	5414423	0.30054	384	384	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	427930	5414623	0.29084	380	380	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	427930	5414823	0.27236	380	380	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	427930	5415023	0.25363	381	381	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	428130	5414223	0.24983	399.38	399.38	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	428130	5414423	0.27914	388.75	388.75	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	428130	5414623	0.28292	381.08	381.08	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	428130	5414823	0.27042	379	379	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	428130	5415023	0.2543	379.67	379.67	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	428330	5414223	0.27377	392.58	411	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	428330	5414423	0.2633	392	392	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	428330	5414623	0.27535	382	382	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	428330	5414823	0.25841	382.78	382.78	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	428330	5415023	0.24887	380	380	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	428530	5414223	0.22158	403.11	403.11	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	428530	5414423	0.25883	390.52	390.52	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	428530	5414623	0.24971	389.99	389.99	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	428530	5414823	0.23499	391	391	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	428530	5415023	0.22305	391	391	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	428730	5414223	0.22934	401.33	401.33	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	428730	5414423	0.22805	397.11	410	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	428730	5414623	0.21208	399.21	399.21	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	428730	5414823	0.21204	396.87	396.87	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	428730	5415023	0.19587	399.35	399.35	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	428930	5412623	0.19315	396	396	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	428930	5412823	0.19313	395.38	395.38	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	428930	5413023	0.20916	392	392	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	428930	5413223	0.22533	390.08	390.08	0	MONTH	PIT	1ST	1/31/1996 24 hr
MINE	429130	5412623	0.17566	399	399	0	MONTH	PIT	1ST	12/31/1999 24 hr
MINE	429130	5412823	0.17733	396.27	396.27	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	429130	5413023	0.18478	391.83	391.83	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	429130	5413223	0.19585	390	390	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	429330	5412623	0.17076	400	400	0	MONTH	PIT	1ST	12/31/1999 24 hr
MINE	429330	5412823	0.15866	399.16	399.16	0	MONTH	PIT	1ST	12/31/1999 24 hr
MINE	429330	5413023	0.16562	395.32	395.32	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	429330	5413223	0.17202	389.89	389.89	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	429530	5412623	0.17453	398	398	0	MONTH	PIT	1ST	12/31/1999 24 hr
MINE	429530	5412823	0.16078	398	398	0	MONTH	PIT	1ST	12/31/1999 24 hr
MINE	429530	5413023	0.1452	400	400	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	429530	5413223	0.15415	394.35	400	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	429730	5412623	0.18491	394.58	394.58	0	MONTH	PIT	1ST	12/31/1998 24 hr
MINE	429730	5412823	0.17435	392	392	0	MONTH	PIT	1ST	12/31/1999 24 hr
MINE	429730	5413023	0.16252	390	390	0	MONTH	PIT	1ST	12/31/1999 24 hr
MINE	429730	5413223	0.15305	389	389	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	429730	5413423	0.14725	391	391	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	429730	5413623	0.15397	382	382	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	429730	5413823	0.16462	385.87	385.87	0	MONTH	PIT	1ST	1/31/1996 24 hr
MINE	429730	5414023	0.17703	384.83	384.83	0	MONTH	PIT	1ST	1/31/1996 24 hr
MINE	429930	5412623	0.19451	392	392	0	MONTH	PIT	1ST	12/31/1998 24 hr
MINE	429930	5412823	0.17221	391	391	0	MONTH	PIT	1ST	12/31/1999 24 hr
MINE	429930	5413023	0.16502	388.2	388.2	0	MONTH	PIT	1ST	12/31/1999 24 hr
MINE	429930	5413223	0.15099	387.12	387.12	0	MONTH	PIT	1ST	12/31/1999 24 hr
MINE	429930	5413423	0.14225	390	390	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	429930	5413623	0.14441	381.89	391	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	429930	5413823	0.14119	381.85	381.85	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	429930	5414023	0.15358	387	387	0	MONTH	PIT	1ST	1/31/1996 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	430130	5412623	0.19238	390	390	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	430130	5412823	0.17578	388	388	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	430130	5413023	0.16554	386	386	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	430130	5413223	0.15491	384.11	384.11	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	430130	5413423	0.14125	382.36	385	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	430130	5413623	0.13937	380	380	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	430130	5413823	0.13299	381.62	381.62	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	430130	5414023	0.12869	383	383	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	430330	5412623	0.18388	389	389	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	430330	5412823	0.17825	386	386	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	430330	5413023	0.16326	383	383	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	430330	5413223	0.1571	380	380	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	430330	5413423	0.14408	380	380	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	430330	5413623	0.13092	378	378	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	430330	5413823	0.12696	386.26	390	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	430330	5414023	0.11929	390.05	390.05	0 MONTH	PIT	1ST		7/31/1998 24 hr
MINE	430530	5413423	0.1439	379	379	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	430530	5413623	0.13219	378	378	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	430530	5413823	0.12128	378.34	378.34	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	430530	5414023	0.11741	388.07	388.07	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	430730	5413423	0.14154	378.5	378.5	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	430730	5413623	0.1321	378	378	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	430730	5413823	0.12022	379	379	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	430730	5414023	0.11465	380	380	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	430930	5413423	0.13747	378	378	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	430930	5413623	0.13027	378	378	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	430930	5413823	0.12057	379.29	379.29	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	430930	5414023	0.1101	379	379	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	431130	5413423	0.13399	377	377	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	431130	5413623	0.1274	378	378	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	431130	5413823	0.12037	377.01	377.01	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	431130	5414023	0.11143	378	378	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	428330	5407423	0.36145	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428330	5407223	0.36093	359.51	359.51	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428330	5407023	0.35854	354.12	354.12	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428330	5406823	0.35099	358	358	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428330	5406623	0.33802	362	362	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428330	5406423	0.30478	364.03	364.03	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428330	5406223	0.26007	365.42	365.42	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428330	5406023	0.21894	363.67	363.67	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428330	5405823	0.18877	362	362	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428330	5405623	0.17202	360.27	360.27	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428330	5405423	0.1579	362	362	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	428330	5405223	0.14439	364.84	364.84	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428330	5405023	0.14071	367.47	367.47	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428330	5404823	0.13978	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428330	5404623	0.13945	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428330	5404423	0.13771	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428330	5404223	0.134	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428330	5404023	0.12829	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428530	5407423	0.32835	363.26	363.26	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428530	5407223	0.32104	355.62	355.62	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428530	5407023	0.31623	360.01	360.01	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428530	5406823	0.31589	361	361	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428530	5406623	0.31868	362	362	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428530	5406423	0.31244	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428530	5406223	0.28565	363	363	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428530	5406023	0.24928	361.72	361.72	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428530	5405823	0.21425	360	360	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428530	5405623	0.18518	361	361	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428530	5405423	0.16955	363	363	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	428530	5405223	0.16141	365	365	0 MONTH	PIT	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	428530	5405023	0.14327	367.36	367.36	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	428530	5404823	0.12385	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428530	5404623	0.12262	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428530	5404423	0.12309	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428530	5404223	0.12344	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428530	5404023	0.12271	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428730	5407423	0.29161	363.37	363.37	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428730	5407223	0.29052	353	353	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428730	5407023	0.28452	355.9	355.9	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428730	5406823	0.27935	361	361	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428730	5406623	0.27832	362	362	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428730	5406423	0.28464	362	362	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428730	5406223	0.28225	362	362	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428730	5406023	0.25943	360	360	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428730	5405823	0.2346	360	360	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428730	5405623	0.2064	361.18	361.18	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428730	5405423	0.17575	363	363	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428730	5405223	0.15806	365	365	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	428730	5405023	0.15766	367	367	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	428730	5404823	0.14629	368	368	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	428730	5404623	0.12731	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	428730	5404423	0.10866	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428730	5404223	0.10847	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428730	5404023	0.10929	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428930	5407423	0.25041	361.48	361.48	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428930	5407223	0.26011	354	354	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428930	5407023	0.26086	356	356	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428930	5406823	0.25421	360	360	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428930	5406623	0.24879	360	360	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428930	5406423	0.24935	360	360	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428930	5406223	0.2525	359.97	359.97	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428930	5406023	0.25127	359.25	359.25	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428930	5405823	0.24107	360	360	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428930	5405623	0.22583	361.1	361.1	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428930	5405423	0.20019	363	363	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428930	5405223	0.17157	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428930	5405023	0.14556	365.92	365.92	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428930	5404823	0.14662	366.94	366.94	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	428930	5404623	0.1432	368	368	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	428930	5404423	0.13102	368.43	368.43	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	428930	5404223	0.11325	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	428930	5404023	0.09689	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429130	5408823	0.3118	389	389	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	429130	5408623	0.28465	389	389	0 MONTH	PIT	1ST		7/31/1998 24 hr
MINE	429130	5407423	0.2303	359.59	359.59	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	429130	5407223	0.22804	355	355	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429130	5407023	0.23561	356.68	356.68	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429130	5406823	0.23574	358	358	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429130	5406623	0.22897	358	358	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429130	5406423	0.22315	359	359	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429130	5406223	0.22332	360	360	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429130	5406023	0.22732	360	360	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429130	5405823	0.22895	361	361	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429130	5405623	0.22344	361	361	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429130	5405423	0.21635	363	363	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429130	5405223	0.19411	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429130	5405023	0.16809	365	365	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429130	5404823	0.14339	366	366	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429130	5404623	0.13253	367	367	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	429130	5404423	0.13536	368	368	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	429130	5404223	0.13101	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	429130	5404023	0.11835	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	429330	5408823	0.32743	384.78	384.78	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	429330	5408623	0.27161	385.38	385.38	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	429330	5407423	0.2169	357.52	357.52	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	429330	5407223	0.20786	355	355	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	429330	5407023	0.2075	356	356	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429330	5406823	0.21473	357	357	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429330	5406623	0.21441	358	358	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429330	5406423	0.20753	359.08	359.08	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429330	5406223	0.20144	359.33	359.33	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429330	5406023	0.20108	360	360	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429330	5405823	0.20523	361	361	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429330	5405623	0.21245	362	362	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429330	5405423	0.21262	362	362	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429330	5405223	0.20587	364.29	364.29	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429330	5405023	0.18864	366.92	366.92	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429330	5404823	0.16471	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429330	5404623	0.14105	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429330	5404423	0.12067	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429330	5404223	0.12552	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	429330	5404023	0.1257	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	429530	5408423	0.2496	379.99	379.99	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	429530	5408223	0.25246	377	377	0 MONTH	PIT	1ST		2/28/1997 24 hr
MINE	429530	5408023	0.25435	372.71	372.71	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	429530	5407823	0.24721	365.16	365.16	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	429530	5407623	0.22688	359	359	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	429530	5407423	0.20445	356.81	356.81	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	429530	5407223	0.19808	355.91	355.91	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	429530	5407023	0.18841	357	357	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	429530	5406823	0.18999	357	357	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429530	5406623	0.19674	359	359	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429530	5406423	0.20243	368.52	368.52	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429530	5406223	0.18919	360	360	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429530	5406023	0.1829	360	360	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429530	5405823	0.18195	361	361	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429530	5405623	0.1848	362	362	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429530	5405423	0.19376	363	363	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429530	5405223	0.19957	365	365	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429530	5405023	0.19635	367.24	367.24	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429530	5404823	0.18248	369.21	369.21	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429530	5404623	0.16144	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429530	5404423	0.1391	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429530	5404223	0.11935	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429530	5404023	0.11186	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	429730	5408423	0.23802	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	429730	5408223	0.24014	374	374	0 MONTH	PIT	1ST		2/28/1997 24 hr
MINE	429730	5408023	0.23082	369.84	369.84	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	429730	5407823	0.23066	361.19	361.19	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	429730	5407623	0.21886	358	358	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	429730	5407423	0.20226	356.37	356.37	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	429730	5407223	0.18292	356	356	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	429730	5407023	0.18146	357	357	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	429730	5406823	0.17147	358	358	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	429730	5406623	0.17491	359	359	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429730	5406423	0.18873	367.04	367.04	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429730	5406223	0.18578	366.11	366.11	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429730	5406023	0.17193	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429730	5405823	0.16056	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429730	5405623	0.15877	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429730	5405423	0.16567	365	365	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429730	5405223	0.17705	367	367	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429730	5405023	0.18549	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429730	5404823	0.1858	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	429730	5404623	0.17534	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429730	5404423	0.15774	369.39	369.39	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429730	5404223	0.13775	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429730	5404023	0.11889	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429930	5408423	0.22284	373.35	373.35	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	429930	5408223	0.21703	369.56	369.56	0 MONTH	PIT	1ST		2/28/1997 24 hr
MINE	429930	5408023	0.21341	363.02	363.02	0 MONTH	PIT	1ST		2/28/1997 24 hr
MINE	429930	5407823	0.21116	359.29	359.29	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	429930	5407623	0.20815	358	358	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	429930	5407423	0.19701	358.49	358.49	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	429930	5407223	0.18104	356.39	356.39	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	429930	5407023	0.16939	358	358	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	429930	5406823	0.16669	359	359	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	429930	5406623	0.15663	360.58	360.58	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	429930	5406423	0.16287	363.04	363.04	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429930	5406223	0.17465	365.79	365.79	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429930	5406023	0.17286	367.78	367.78	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429930	5405823	0.15748	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429930	5405623	0.14496	366.29	366.29	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429930	5405423	0.14236	366	366	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429930	5405223	0.14835	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429930	5405023	0.16053	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429930	5404823	0.17084	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429930	5404623	0.17369	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429930	5404423	0.16673	368.53	368.53	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429930	5404223	0.15304	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429930	5404023	0.13582	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430130	5408423	0.21949	371.22	371.22	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	430130	5408223	0.20553	366.78	366.78	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	430130	5408023	0.19386	361	361	0 MONTH	PIT	1ST		2/28/1997 24 hr
MINE	430130	5407823	0.19328	359	359	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	430130	5407623	0.19541	360.53	360.53	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	430130	5407423	0.18944	360	360	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	430130	5407223	0.1778	357	357	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	430130	5407023	0.16272	358	358	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	430130	5406823	0.15724	359	359	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	430130	5406623	0.15919	363.41	363.41	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	430130	5406423	0.15007	369.41	369.41	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	430130	5406223	0.15262	368.17	368.17	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430130	5406023	0.1653	369.69	369.69	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430130	5405823	0.16166	370.01	370.01	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430130	5405623	0.14591	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430130	5405423	0.1329	367	367	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430130	5405223	0.12823	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430130	5405023	0.13402	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430130	5404823	0.1457	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430130	5404623	0.15617	368.37	368.37	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430130	5404423	0.16029	367	367	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430130	5404223	0.15741	367.03	367.03	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430130	5404023	0.14842	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430330	5407423	0.18015	360.24	360.24	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	430330	5407223	0.17253	357	357	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	430330	5407023	0.16087	359.95	359.95	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	430330	5406823	0.15337	362.08	362.08	0 MONTH	PIT	1ST		10/31/1999 24 hr
MINE	430330	5406623	0.15418	368.6	381	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	430330	5406423	0.14882	380	380	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	430330	5406223	0.13762	374.6	374.6	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	430330	5406023	0.14305	374.95	374.95	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430330	5405823	0.15564	371.15	371.15	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430330	5405623	0.15076	369.53	369.53	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430330	5405423	0.13572	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430330	5405223	0.12217	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	430330	5405023	0.11811	367.42	367.42	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430330	5404823	0.12316	367	367	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430330	5404623	0.13311	366.1	366.1	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430330	5404423	0.14264	366	366	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430330	5404223	0.14892	367	367	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430330	5404023	0.14987	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430530	5410023	0.27283	381	381	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	430530	5409823	0.22872	381	381	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	430530	5409623	0.23218	380	380	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	430530	5409423	0.25447	380	380	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	430530	5409223	0.22487	381	381	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	430530	5409023	0.23562	381	381	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	430530	5408823	0.27126	379.88	379.88	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	430530	5408623	0.26329	377.39	377.39	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	430530	5407423	0.16949	360.46	360.46	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	430530	5407223	0.16566	360.86	360.86	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	430530	5407023	0.15722	360	360	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	430530	5406823	0.15323	367.66	367.66	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	430530	5406623	0.15009	374	374	0 MONTH	PIT	1ST		10/31/1999 24 hr
MINE	430530	5406423	0.14472	379	379	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	430530	5406223	0.13768	378.54	378.54	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	430530	5406023	0.12679	374	374	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	430530	5405823	0.13543	371	371	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430530	5405623	0.14522	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430530	5405423	0.1405	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430530	5405223	0.12684	367	367	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430530	5405023	0.11419	367	367	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430530	5404823	0.11006	366	366	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430530	5404623	0.11399	365	365	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430530	5404423	0.12193	365	365	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430530	5404223	0.13079	365	365	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430530	5404023	0.13743	365.54	365.54	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430730	5410023	0.25765	381	381	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	430730	5409823	0.21935	380	380	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	430730	5409623	0.21319	380	380	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	430730	5409423	0.23961	380.15	380.15	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	430730	5409223	0.21961	377.17	377.17	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	430730	5409023	0.2152	376.24	376.24	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	430730	5408823	0.25403	374.94	374.94	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	430730	5408623	0.25368	368.41	368.41	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	430730	5407423	0.15997	362	362	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	430730	5407223	0.16116	364.94	364.94	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	430730	5407023	0.15382	365.1	365.1	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	430730	5406823	0.1466	367.59	367.59	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	430730	5406623	0.14452	372.09	372.09	0 MONTH	PIT	1ST		10/31/1999 24 hr
MINE	430730	5406423	0.13874	376.42	376.42	0 MONTH	PIT	1ST		10/31/1999 24 hr
MINE	430730	5406223	0.13534	374.16	374.16	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	430730	5406023	0.12781	370.1	370.1	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	430730	5405823	0.11723	369	369	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	430730	5405623	0.12795	369.06	369.06	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430730	5405423	0.1374	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430730	5405223	0.13232	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430730	5405023	0.11874	367	367	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430730	5404823	0.10715	366	366	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430730	5404623	0.10318	364.57	364.57	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430730	5404423	0.10561	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430730	5404223	0.11253	363	363	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430730	5404023	0.12007	363	363	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430930	5410023	0.24378	381	381	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	430930	5409823	0.20937	380	380	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	430930	5409623	0.19717	378	378	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	430930	5409423	0.22657	377.07	377.07	0 MONTH	PIT	1ST		12/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	430930	5409223	0.21223	375.17	375.17	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	430930	5409023	0.19656	371.64	371.64	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	430930	5408823	0.23228	369.01	369.01	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	430930	5408623	0.24124	369.88	369.88	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	430930	5407423	0.14728	362.07	362.07	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	430930	5407223	0.15244	365.99	365.99	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	430930	5407023	0.14957	369	369	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	430930	5406823	0.14124	371	371	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430930	5406623	0.13741	373	373	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	430930	5406423	0.13568	374	374	0 MONTH	PIT	1ST		10/31/1999 24 hr
MINE	430930	5406223	0.12764	372	372	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	430930	5406023	0.12576	370	370	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	430930	5405823	0.11852	370	370	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	430930	5405623	0.10875	370	370	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	430930	5405423	0.1215	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430930	5405223	0.12919	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430930	5405023	0.12358	367	367	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430930	5404823	0.11164	365.31	365.31	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430930	5404623	0.10114	364.67	364.67	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430930	5404423	0.09647	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430930	5404223	0.0984	363	363	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430930	5404023	0.10371	363	363	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	431130	5410023	0.23106	381	381	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	431130	5409823	0.19912	381	381	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	431130	5409623	0.1802	380	380	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	431130	5409423	0.2119	380	380	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	431130	5409223	0.20392	375.38	375.38	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	431130	5409023	0.17815	370.75	370.75	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	431130	5408823	0.21195	371	371	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	431130	5408623	0.22795	370.5	370.5	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	431130	5408423	0.21897	367.74	367.74	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	431130	5408223	0.18332	361	361	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	431130	5408023	0.1569	359	359	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	431130	5407823	0.14451	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	431130	5407623	0.13981	361	361	0 MONTH	PIT	1ST		2/28/1997 24 hr
MINE	431130	5407423	0.14391	362.31	362.31	0 MONTH	PIT	1ST		2/28/1997 24 hr
MINE	431130	5407223	0.14178	366	366	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	431130	5407023	0.14375	369.7	369.7	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	431130	5406823	0.1372	371.55	371.55	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	431130	5406623	0.12978	373.87	373.87	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	431130	5406423	0.12843	374	374	0 MONTH	PIT	1ST		10/31/1999 24 hr
MINE	431130	5406223	0.12638	373	373	0 MONTH	PIT	1ST		10/31/1999 24 hr
MINE	431130	5406023	0.12086	373	373	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	431130	5405823	0.11759	371	371	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	431130	5405623	0.11017	370	370	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	431130	5405423	0.10116	370	370	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	431130	5405223	0.11527	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	431130	5405023	0.12089	367	367	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	431130	5404823	0.11566	365.41	365.41	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	431130	5404623	0.10509	364.78	364.78	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	431130	5404423	0.09535	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	431130	5404223	0.08958	364.5	364.5	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	431130	5404023	0.08977	365	365	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428130	5406823	0.36155	355.87	355.87	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428130	5406623	0.32175	362	362	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428130	5406423	0.26978	366	366	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428130	5406223	0.22329	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428130	5406023	0.20872	366	366	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	428130	5405823	0.18247	363	363	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	428130	5405623	0.17003	362	362	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428130	5405423	0.16512	361	361	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428130	5405223	0.16046	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	428130	5405023	0.15827	366.58	366.58	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428130	5404823	0.15526	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428130	5404623	0.14982	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428130	5404423	0.14191	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428130	5404223	0.13227	369.94	369.94	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428130	5404023	0.12156	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427930	5406823	0.34104	360.98	360.98	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427930	5406623	0.28369	364.37	364.37	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427930	5406423	0.24114	368.25	368.25	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	427930	5406223	0.21747	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	427930	5406023	0.19588	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427930	5405823	0.19055	365	365	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427930	5405623	0.18566	363	363	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427930	5405423	0.17703	361	361	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427930	5405223	0.17266	362	362	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427930	5405023	0.16565	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427930	5404823	0.15631	366	366	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427930	5404623	0.14484	367.96	367.96	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427930	5404423	0.13208	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427930	5404223	0.11962	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427930	5404023	0.10819	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427730	5406823	0.30768	361.08	361.08	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427730	5406623	0.25755	367.72	367.72	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427730	5406423	0.23207	372	372	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427730	5406223	0.22252	372	372	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427730	5406023	0.21783	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427730	5405823	0.21077	366.74	366.74	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427730	5405623	0.19979	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427730	5405423	0.18555	361.35	361.35	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427730	5405223	0.17401	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427730	5405023	0.15922	363	363	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427730	5404823	0.1452	363	363	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427730	5404623	0.13183	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427730	5404423	0.11956	365	365	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427730	5404223	0.10951	365.12	365.12	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427730	5404023	0.10097	366	366	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427530	5406823	0.30201	359.92	359.92	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427530	5406623	0.27327	364.84	364.84	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427530	5406423	0.25707	373.47	373.47	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427530	5406223	0.24511	375.94	375.94	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427530	5406023	0.23343	371.26	371.26	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427530	5405823	0.21627	368.62	368.62	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427530	5405623	0.19639	362.99	362.99	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427530	5405423	0.17864	365.65	365.65	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427530	5405223	0.15991	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427530	5405023	0.14453	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427530	5404823	0.13262	366	366	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427530	5404623	0.12339	364.04	364.04	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427530	5404423	0.11505	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427530	5404223	0.10839	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427530	5404023	0.10284	365	365	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427330	5406823	0.31256	361	361	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427330	5406623	0.29355	364.96	364.96	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427330	5406423	0.26801	376.75	378	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427330	5406223	0.23977	380.38	380.38	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427330	5406023	0.22183	374.15	374.15	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427330	5405823	0.2012	369.44	369.44	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427330	5405623	0.18422	362	362	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427330	5405423	0.1644	367	367	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427330	5405223	0.14846	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427330	5405023	0.1376	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427330	5404823	0.12966	368.53	368.53	0 MONTH	PIT	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	427330	5404623	0.12287	367	367	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427330	5404423	0.11656	365.96	365.96	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427330	5404223	0.11005	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427330	5404023	0.10428	364.2	364.2	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427130	5406823	0.32449	366	366	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427130	5406623	0.29303	362.99	362.99	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427130	5406423	0.26186	368.17	383	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427130	5406223	0.23217	370.56	383	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427130	5406023	0.20907	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427130	5405823	0.18999	367	367	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427130	5405623	0.17468	362.76	362.76	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427130	5405423	0.16006	366	366	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427130	5405223	0.14851	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427130	5405023	0.13909	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427130	5404823	0.13041	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427130	5404623	0.12181	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427130	5404423	0.11315	367	367	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427130	5404223	0.1045	366	366	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427130	5404023	0.09602	365	365	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426930	5406823	0.30963	372	372	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426930	5406623	0.27603	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426930	5406423	0.24686	366.8	366.8	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426930	5406223	0.22139	364.35	364.35	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426930	5406023	0.19963	362.45	362.45	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426930	5405823	0.1811	362.28	362.28	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426930	5405623	0.16562	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426930	5405423	0.15226	366.06	366.06	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426930	5405223	0.14006	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426930	5405023	0.12836	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426930	5404823	0.117	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426930	5404623	0.10633	369	369	0 MONTH	PIT	1ST		3/31/1997 24 hr
MINE	426930	5404423	0.10361	368	368	0 MONTH	PIT	1ST		3/31/1997 24 hr
MINE	426930	5404223	0.10005	367	367	0 MONTH	PIT	1ST		3/31/1997 24 hr
MINE	426930	5404023	0.09586	366	366	0 MONTH	PIT	1ST		3/31/1997 24 hr
MINE	426730	5406823	0.27394	378.14	378.14	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426730	5406623	0.24411	376	376	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426730	5406423	0.22117	372.07	372.07	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426730	5406223	0.19974	369.83	369.83	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426730	5406023	0.1805	368.43	368.43	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426730	5405823	0.16316	367	367	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	426730	5405623	0.15247	366	366	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426730	5405423	0.14322	366.11	366.11	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426730	5405223	0.13459	368	368	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426730	5405023	0.1271	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426730	5404823	0.12067	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426730	5404623	0.1155	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426730	5404423	0.11114	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426730	5404223	0.10749	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426730	5404023	0.10417	367.9	367.9	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426530	5406823	0.23773	379.77	379.77	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426530	5406623	0.22369	379	379	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426530	5406423	0.21282	375	375	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426530	5406223	0.19811	374	374	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426530	5406023	0.18669	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426530	5405823	0.17597	367.06	367.06	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426530	5405623	0.16661	364.43	364.43	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426530	5405423	0.15813	363.02	367	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426530	5405223	0.14949	366	366	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426530	5405023	0.14221	368	368	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426530	5404823	0.13601	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426530	5404623	0.13035	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426530	5404423	0.12525	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	426530	5404223	0.12038	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426530	5404023	0.11585	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426330	5406823	0.26044	378.56	378.56	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426330	5406623	0.23664	380	380	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426330	5406423	0.22141	379.16	379.16	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426330	5406223	0.20467	381	381	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426330	5406023	0.19809	376.97	376.97	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426330	5405823	0.19253	368.97	368.97	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426330	5405623	0.18311	365.1	365.1	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426330	5405423	0.17337	363.9	363.9	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426330	5405223	0.16312	367	367	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426330	5405023	0.15378	369.59	369.59	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426330	5404823	0.14567	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426330	5404623	0.13823	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426330	5404423	0.13129	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426330	5404223	0.12482	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426330	5404023	0.11879	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426130	5406823	0.28861	376	376	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426130	5406623	0.26145	379	379	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426130	5406423	0.23281	384.35	384.35	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426130	5406223	0.20567	389.82	389.82	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426130	5406023	0.19492	388.21	388.21	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426130	5405823	0.1972	375.83	375.83	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426130	5405623	0.18867	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426130	5405423	0.1806	362.56	362.56	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426130	5405223	0.16768	365.07	365.07	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426130	5405023	0.15521	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426130	5404823	0.1455	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426130	5404623	0.13773	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426130	5404423	0.12981	369.61	369.61	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426130	5404223	0.12268	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426130	5404023	0.1163	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425930	5406823	0.31529	376.11	376.11	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425930	5406623	0.27574	380.74	380.74	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425930	5406423	0.23381	388.32	388.32	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425930	5406223	0.21153	390	390	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425930	5406023	0.19697	389.54	389.54	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425930	5405823	0.20039	378.08	378.08	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425930	5405623	0.19254	371	371	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425930	5405423	0.18231	366.45	366.45	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425930	5405223	0.17339	362	362	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425930	5405023	0.15816	367.04	367.04	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425930	5404823	0.14656	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425930	5404623	0.13808	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425930	5404423	0.12953	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425930	5404223	0.12182	371	371	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425930	5404023	0.11512	371	371	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425730	5406823	0.38135	375.55	375.55	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425730	5406623	0.32991	381	381	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425730	5406423	0.28833	384.88	384.88	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425730	5406223	0.26191	384.99	384.99	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425730	5406023	0.24628	381.24	381.24	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425730	5405823	0.23165	376.6	376.6	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425730	5405623	0.21693	371.97	371.97	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425730	5405423	0.20284	367.58	367.58	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425730	5405223	0.19104	362.13	362.13	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425730	5405023	0.17605	364	364	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425730	5404823	0.16215	367	367	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425730	5404623	0.1513	367	367	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425730	5404423	0.14015	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425730	5404223	0.13101	371	371	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425730	5404023	0.12357	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	425530	5406823	0.46707	370.69	370.69	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425530	5406623	0.40616	378.99	378.99	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425530	5406423	0.36083	382	382	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425530	5406223	0.33173	380.76	380.76	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425530	5406023	0.30766	378.05	378.05	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425530	5405823	0.28563	374.49	374.49	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425530	5405623	0.26484	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425530	5405423	0.24476	366.22	366.22	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425530	5405223	0.22631	362.59	362.59	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425530	5405023	0.20944	363	363	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425530	5404823	0.1939	365	365	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425530	5404623	0.17926	368.32	368.32	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425530	5404423	0.16593	371	371	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425530	5404223	0.15481	371	371	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425530	5404023	0.14513	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425330	5406823	0.50651	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425330	5406623	0.45265	377.09	377.09	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425330	5406423	0.40672	381	381	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425330	5406223	0.37563	380.64	380.64	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425330	5406023	0.355	375.01	375.01	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425330	5405823	0.33031	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425330	5405623	0.30524	367.24	367.24	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425330	5405423	0.28197	365	365	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425330	5405223	0.26013	362.47	362.47	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425330	5405023	0.24238	363.14	363.14	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425330	5404823	0.22684	366	366	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425330	5404623	0.2118	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425330	5404423	0.19772	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425330	5404223	0.18478	371	371	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425330	5404023	0.17316	369.76	369.76	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425130	5406823	0.48938	370.57	370.57	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425130	5406623	0.44428	374.5	374.5	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425130	5406423	0.40635	377.46	377.46	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425130	5406223	0.37818	377.73	377.73	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425130	5406023	0.35711	374.9	374.9	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425130	5405823	0.33642	371	371	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425130	5405623	0.31508	368.47	368.47	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425130	5405423	0.2938	365	365	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425130	5405223	0.27298	362.21	362.21	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425130	5405023	0.25639	362.28	362.28	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425130	5404823	0.24331	364.87	364.87	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425130	5404623	0.23007	367	367	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425130	5404423	0.21728	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425130	5404223	0.20497	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425130	5404023	0.19305	368.19	368.19	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424930	5406823	0.46193	370.72	370.72	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424930	5406623	0.421	371.3	371.3	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424930	5406423	0.38607	372.48	372.48	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424930	5406223	0.35852	372	372	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424930	5406023	0.33465	371.65	371.65	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424930	5405823	0.31479	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424930	5405623	0.29703	368	368	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424930	5405423	0.28049	364.87	364.87	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424930	5405223	0.26125	361	361	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424930	5405023	0.24975	362	362	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424930	5404823	0.23744	363	363	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424930	5404623	0.22619	364.04	364.04	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424930	5404423	0.21657	367	367	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424930	5404223	0.20704	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424930	5404023	0.19698	368.43	368.43	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424730	5406823	0.4544	367.06	367.06	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424730	5406623	0.4152	368	368	0 MONTH	PIT	1ST		12/31/2000 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON)
MINE	424730	5406423	0.37816	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424730	5406223	0.34561	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424730	5406023	0.31903	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424730	5405823	0.29567	371	371	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424730	5405623	0.27787	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424730	5405423	0.26414	362.83	362.83	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424730	5405223	0.24907	361.94	361.94	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424730	5405023	0.23467	365.18	365.18	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424730	5404823	0.22306	364.16	364.16	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424730	5404623	0.21232	362	362	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424730	5404423	0.20268	363	363	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424730	5404223	0.19427	365.05	365.05	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424730	5404023	0.18574	363.31	363.31	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424530	5406823	0.41782	366	366	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424530	5406623	0.39829	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424530	5406423	0.37338	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424530	5406223	0.34522	370.58	370.58	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424530	5406023	0.31862	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424530	5405823	0.29254	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424530	5405623	0.27129	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424530	5405423	0.25728	362	362	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424530	5405223	0.23923	363.99	363.99	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424530	5405023	0.2214	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424530	5404823	0.21003	368	368	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424530	5404623	0.20072	364	364	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424530	5404423	0.1924	361	361	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424530	5404223	0.18293	361	361	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424530	5404023	0.17416	362.65	362.65	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424330	5406823	0.35037	366	366	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424330	5406623	0.34486	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424330	5406423	0.3377	373.3	373.3	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424330	5406223	0.32704	375.04	375.04	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424330	5406023	0.31414	370.43	370.43	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424330	5405823	0.29524	367	367	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424330	5405623	0.27523	364.98	364.98	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424330	5405423	0.25671	362	362	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424330	5405223	0.2397	361.43	361.43	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424330	5405023	0.2193	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424330	5404823	0.20767	365.68	365.68	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424330	5404623	0.1962	364	364	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424330	5404423	0.18833	361	361	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424330	5404223	0.17825	361	361	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424330	5404023	0.16661	364.03	364.03	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424130	5406823	0.29488	366	366	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424130	5406623	0.281	368.78	368.78	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424130	5406423	0.28036	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424130	5406223	0.27295	379.95	379.95	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424130	5406023	0.28125	373.17	373.17	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424130	5405823	0.27768	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424130	5405623	0.26688	365.04	365.04	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424130	5405423	0.24955	361	361	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424130	5405223	0.23686	360	360	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424130	5405023	0.22374	360.37	360.37	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424130	5404823	0.21095	360	360	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424130	5404623	0.19877	361	361	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424130	5404423	0.18755	360	360	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424130	5404223	0.17716	361	361	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424130	5404023	0.1677	361	361	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423930	5406823	0.28314	367	367	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423930	5406623	0.25525	365	365	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423930	5406423	0.23376	368	368	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423930	5406223	0.22779	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	423930	5406023	0.23157	367.58	367.58	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423930	5405823	0.23558	369	369	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423930	5405623	0.23764	364.92	364.92	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423930	5405423	0.23003	360	360	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423930	5405223	0.22397	359	359	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423930	5405023	0.21593	359	359	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423930	5404823	0.20658	359	359	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423930	5404623	0.19661	359	359	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423930	5404423	0.18651	360	360	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423930	5404223	0.17672	361	361	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423930	5404023	0.16753	360.25	360.25	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423730	5406823	0.29652	366.62	366.62	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423730	5406623	0.2633	363.02	363.02	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423730	5406423	0.22992	366	366	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423730	5406223	0.20735	365.16	365.16	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423730	5406023	0.19822	363	363	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423730	5405823	0.19388	363.58	363.58	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423730	5405623	0.19456	366	366	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423730	5405423	0.19972	362.01	362.01	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423730	5405223	0.19953	359.54	359.54	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423730	5405023	0.19785	358	358	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423730	5404823	0.19414	358	358	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423730	5404623	0.18859	359	359	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423730	5404423	0.18174	359	359	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423730	5404223	0.17409	359.01	359.01	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423730	5404023	0.16615	359	359	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423530	5406823	0.28859	362	362	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423530	5406623	0.26639	361	361	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423530	5406423	0.24495	363	363	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423530	5406223	0.2174	362	362	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423530	5406023	0.19797	360	360	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423530	5405823	0.18258	360	360	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423530	5405623	0.1659	363	363	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423530	5405423	0.16532	362	362	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423530	5405223	0.16989	360	360	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423530	5405023	0.17119	358.61	358.61	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423530	5404823	0.17219	358	358	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423530	5404623	0.17189	358	358	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423530	5404423	0.16985	358	358	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423530	5404223	0.16616	358	358	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423530	5404023	0.16112	359	359	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423330	5406823	0.28266	360	360	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	423330	5406623	0.25372	360	360	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423330	5406423	0.24201	360	360	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423330	5406223	0.22464	360	360	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423330	5406023	0.20422	359	359	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423330	5405823	0.18388	361	361	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423330	5405623	0.16218	362	362	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423330	5405423	0.15482	360	360	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423330	5405223	0.14817	359	359	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423330	5405023	0.14593	358	358	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423330	5404823	0.14657	357	357	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423330	5404623	0.1484	357	357	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423330	5404423	0.15006	358	358	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423330	5404223	0.15067	358	358	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423330	5404023	0.1498	359	359	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423130	5406823	0.26759	360	360	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	423130	5406623	0.25905	360	360	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	423130	5406423	0.23653	360.01	360.01	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	423130	5406223	0.21951	361	361	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423130	5406023	0.20741	360	360	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	423130	5405823	0.19131	359	359	0	MONTH	PIT	1ST	12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	423130	5405623	0.1734	359	359	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423130	5405423	0.15636	359	359	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423130	5405223	0.14248	358.92	358.92	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423130	5405023	0.13302	358	358	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423130	5404823	0.12803	357	357	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423130	5404623	0.12669	356.6	356.6	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423130	5404423	0.12775	357	357	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423130	5404223	0.12986	357	357	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423130	5404023	0.1319	358	358	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422930	5406823	0.23497	358.91	358.91	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	422930	5406623	0.23963	359	359	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	422930	5406423	0.23709	359	359	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	422930	5406223	0.222	359.95	359.95	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	422930	5406023	0.19908	357	357	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422930	5405823	0.19111	356.99	356.99	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422930	5405623	0.17915	356.48	356.48	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422930	5405423	0.16437	357	357	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422930	5405223	0.14873	357.84	357.84	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422930	5405023	0.13441	357	357	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422930	5404823	0.12309	357	357	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422930	5404623	0.11557	356	356	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422930	5404423	0.1118	356	356	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422930	5404223	0.11108	356	356	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422930	5404023	0.11237	357	357	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422730	5406023	0.20774	359	359	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	422730	5405823	0.18822	360	360	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	422730	5405623	0.17558	358	358	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422730	5405423	0.16723	356	356	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422730	5405223	0.15574	357	357	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422730	5405023	0.14232	358	358	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422730	5404823	0.12873	357	357	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422730	5404623	0.11668	356	356	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422730	5404423	0.10739	355	355	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422730	5404223	0.10139	355.15	355.15	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422730	5404023	0.09853	356.86	356.86	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422530	5406023	0.19755	360	360	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	422530	5405823	0.19357	360	360	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	422530	5405623	0.17971	359	359	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	422530	5405423	0.16107	355.46	355.46	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422530	5405223	0.15554	358	358	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422530	5405023	0.14706	359	359	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422530	5404823	0.13621	357	357	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422530	5404623	0.12412	355	355	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422530	5404423	0.11234	355	355	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422530	5404223	0.1022	356	356	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422530	5404023	0.09455	357	357	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422330	5406423	0.16608	358	358	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	422330	5406223	0.16733	359	359	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	422330	5406023	0.17423	359	359	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	422330	5405823	0.18033	359	359	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	422330	5405623	0.18011	358	358	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	422330	5405423	0.17105	356	356	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	422330	5405223	0.154	355.29	355.29	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	422330	5405023	0.14423	360	360	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422330	5404823	0.13834	357.44	357.44	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422330	5404623	0.12993	354	354	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422330	5404423	0.11978	355	355	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422330	5404223	0.10899	356	356	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422330	5404023	0.0988	357	357	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422130	5406423	0.15761	359.61	359.61	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	422130	5406223	0.15015	360	360	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	422130	5406023	0.15093	359.9	359.9	0 MONTH	PIT	1ST		1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	422130	5405823	0.15751	360	360	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	422130	5405623	0.16469	358	358	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	422130	5405423	0.16723	356	356	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	422130	5405223	0.16164	354	354	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	422130	5405023	0.14883	355	355	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	422130	5404823	0.13355	355.29	355.29	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422130	5404623	0.12959	353.68	353.68	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422130	5404423	0.12344	354	354	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422130	5404223	0.1153	355	355	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422130	5404023	0.10592	356	356	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	421930	5405223	0.15465	354	354	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	421930	5405023	0.15229	353	353	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	421930	5404823	0.14298	353.17	353.17	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	421930	5404623	0.12813	353	353	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	421930	5404423	0.12106	353.07	353.07	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	421930	5404223	0.11679	354.71	354.71	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	421930	5404023	0.11054	356	356	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	421730	5404823	0.14304	352	352	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	421730	5404623	0.13684	352	352	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	421730	5404423	0.12524	354	354	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	421730	5404223	0.11292	355.94	355.94	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	421730	5404023	0.11008	356	356	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	421530	5404823	0.13201	351	351	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	421530	5404623	0.13411	352	352	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	421530	5404423	0.13094	356.94	356.94	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	421530	5404223	0.12176	358.73	358.73	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	421530	5404023	0.10877	358	358	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	421330	5404823	0.11575	351	351	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	421330	5404623	0.12226	353.8	353.8	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	421330	5404423	0.12548	360	360	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	421330	5404223	0.1242	360	360	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	421330	5404023	0.11774	360	360	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	421130	5404823	0.1002	350	350	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	421130	5404623	0.10661	353	353	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	421130	5404423	0.11314	357	357	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	421130	5404223	0.11728	359.03	359.03	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	421130	5404023	0.11766	360	360	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	420930	5405223	0.09712	351	351	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	420930	5405023	0.09805	350	350	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	420930	5404823	0.09658	350	350	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	420930	5404623	0.09306	351.04	351.04	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	420930	5404423	0.09836	353.96	353.96	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	420930	5404223	0.1048	356	356	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	420930	5404023	0.10954	358	358	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	420730	5405223	0.09685	354	354	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	420730	5405023	0.09134	352	352	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	420730	5404823	0.0923	350	350	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	420730	5404623	0.0911	350	350	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	420730	5404423	0.08807	352.66	352.66	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	420730	5404223	0.09097	356	356	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	420730	5404023	0.09686	360	360	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	420530	5405623	0.1103	356	356	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	420530	5405423	0.10618	359	359	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	420530	5405223	0.09896	356.61	356.61	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	420530	5405023	0.09035	352	352	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	420530	5404823	0.08602	350	350	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	420530	5404623	0.08705	349	349	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	420530	5404423	0.08613	350	350	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	420530	5404223	0.08353	355	355	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	420530	5404023	0.08412	360	360	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	420330	5405623	0.10463	355.24	355.24	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	420330	5405423	0.10363	359.97	359.97	0 MONTH	PIT	1ST		1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	420330	5405223	0.0995	358	358	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	420330	5405023	0.09256	353.11	353.11	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	420330	5404823	0.08449	350	350	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	420330	5404623	0.08122	349	349	0	MONTH	PIT	1ST	4/30/1996 24 hr
MINE	420330	5404423	0.08235	350.05	350.05	0	MONTH	PIT	1ST	4/30/1996 24 hr
MINE	420330	5404223	0.08172	354.68	354.68	0	MONTH	PIT	1ST	4/30/1996 24 hr
MINE	420330	5404023	0.07925	360	360	0	MONTH	PIT	1ST	4/30/1996 24 hr
MINE	420130	5406823	0.15517	346	346	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	420130	5406623	0.13951	347	347	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	420130	5406423	0.11617	349	349	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	420130	5406223	0.10833	350	350	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	420130	5405623	0.09801	357.36	357.36	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	420130	5405423	0.09879	358	358	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	420130	5405223	0.09759	355.32	355.32	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	420130	5405023	0.09338	352	352	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	420130	5404823	0.0867	349.1	349.1	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	420130	5404623	0.07921	349	349	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	420130	5404423	0.07689	349	349	0	MONTH	PIT	1ST	4/30/1996 24 hr
MINE	420130	5404223	0.07808	351.8	351.8	0	MONTH	PIT	1ST	4/30/1996 24 hr
MINE	420130	5404023	0.07756	355	355	0	MONTH	PIT	1ST	4/30/1996 24 hr
MINE	422930	5407823	0.30366	364.52	367	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	422930	5408023	0.31793	358	358	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	422930	5408223	0.3508	356.42	356.42	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	422930	5408423	0.43543	354.99	354.99	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	422730	5407023	0.21649	359	359	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	422730	5407223	0.23526	363	363	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	422730	5407423	0.26016	366.78	366.78	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	422730	5407623	0.2684	360.44	360.44	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	422730	5407823	0.27958	358.92	358.92	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	422730	5408023	0.29677	357	357	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	422730	5408223	0.36442	356	356	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	422730	5408423	0.42053	354	354	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	422530	5407023	0.21083	358	358	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	422530	5407223	0.22873	359.17	359.17	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	422530	5407423	0.24315	363.71	363.71	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	422530	5407623	0.24852	360	360	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	422530	5407823	0.26145	358	358	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	422530	5408023	0.30354	357	357	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	422530	5408223	0.36436	355.64	355.64	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	422530	5408423	0.39222	354.8	354.8	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	422330	5407023	0.20637	357.42	357.42	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	422330	5407223	0.21712	359	359	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	422330	5407423	0.2231	361	361	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	422330	5407623	0.2323	359	359	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	422330	5407823	0.2525	358	358	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	422330	5408023	0.31307	356	356	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	422330	5408223	0.34956	354	354	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	422330	5408423	0.35829	352.76	352.76	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	422330	5414423	0.21215	380.97	380.97	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	422330	5414623	0.19676	382	382	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	422330	5414823	0.17054	383	383	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	422330	5415023	0.1398	387	387	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	422130	5407023	0.19733	357	357	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	422130	5407223	0.20215	358.98	358.98	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	422130	5407423	0.2082	360	360	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	422130	5407623	0.22067	359	359	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	422130	5407823	0.26695	358	358	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	422130	5408023	0.30984	356	356	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	422130	5408223	0.32581	354	354	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	422130	5408423	0.3256	352	352	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	422130	5414423	0.18485	388.19	388.19	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	422130	5414623	0.19793	380	380	0	MONTH	PIT	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	422130	5414823	0.18802	380	380	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	422130	5415023	0.16355	385.88	385.88	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	421930	5407023	0.1845	356.18	356.18	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	421930	5407223	0.18832	358.81	358.81	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	421930	5407423	0.19772	360	360	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	421930	5407623	0.22637	360	360	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421930	5407823	0.2722	358	358	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421930	5408023	0.29573	356	356	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421930	5408223	0.29907	353.02	353.02	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421930	5408423	0.29679	351	351	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421930	5414423	0.15352	385.74	385.74	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	421930	5414623	0.17699	379	379	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	421930	5414823	0.184	380	380	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	421930	5415023	0.17699	382.79	382.79	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	421730	5407023	0.17171	357.06	357.06	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	421730	5407223	0.17831	360	360	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	421730	5407423	0.19186	360	360	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	421730	5407623	0.23702	360	360	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421730	5407823	0.26685	357.39	357.39	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421730	5408023	0.27559	354.66	354.66	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421730	5408223	0.27379	353	353	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421730	5408423	0.27249	351	351	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421730	5414423	0.14888	382.01	382.01	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421730	5414623	0.14459	379.16	379.16	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	421730	5414823	0.16215	378.8	378.8	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	421730	5415023	0.17058	381	381	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	421530	5407023	0.16206	357	357	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	421530	5407223	0.17291	359.79	359.79	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	421530	5407423	0.20489	360	360	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421530	5407623	0.23882	360	360	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421530	5407823	0.25363	356.51	356.51	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421530	5408023	0.25396	352.98	352.98	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421530	5408223	0.25131	350.7	350.7	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421530	5408423	0.25161	349	349	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421530	5414423	0.13949	388.41	388.41	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421530	5414623	0.13968	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421530	5414823	0.13258	377.68	377.68	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	421530	5415023	0.14812	380	380	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	421330	5407023	0.156	354.93	354.93	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	421330	5407223	0.17624	356	356	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421330	5407423	0.212	356	356	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421330	5407623	0.2323	355.08	355.08	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421330	5407823	0.2364	353	353	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421330	5408023	0.23353	350	350	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421330	5408223	0.23205	348.2	348.2	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421330	5408423	0.23367	347	347	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421330	5408623	0.23932	345	345	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421330	5414423	0.13261	382.81	382.81	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421330	5414623	0.13508	379.05	379.05	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421330	5414823	0.13129	377	377	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421330	5415023	0.12149	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421130	5407823	0.21834	349	349	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421130	5408023	0.21579	348.68	348.68	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421130	5408223	0.21578	347	347	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421130	5408423	0.21806	345	345	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421130	5408623	0.22531	344	344	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421130	5414423	0.12992	377	377	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421130	5414623	0.12701	376	376	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421130	5414823	0.12605	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	421130	5415023	0.12284	379	379	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	420930	5407823	0.20191	347.66	347.66	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	420930	5408023	0.2005	346.67	346.67	0	MONTH	PIT	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	420930	5408223	0.20154	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420930	5408423	0.20456	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420930	5408623	0.21334	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420930	5414423	0.13212	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420930	5414623	0.12022	376.68	376.68	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420930	5414823	0.11562	381.83	381.83	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420930	5415023	0.11741	383	383	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420730	5407823	0.18748	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420730	5408023	0.18743	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420730	5408223	0.18912	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420730	5408423	0.19276	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420730	5408623	0.20329	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420730	5413623	0.15303	378.28	378.28	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420730	5413823	0.14291	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420730	5414023	0.14175	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420730	5414223	0.14368	377.28	377.28	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420730	5414423	0.13574	375.08	375.08	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420730	5414623	0.11928	379.56	379.56	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420730	5414823	0.1065	384	384	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420730	5415023	0.10712	383.98	383.98	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420530	5408023	0.17615	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420530	5408223	0.178	342.9	342.9	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420530	5408423	0.1827	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420530	5408623	0.195	345.49	345.49	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420530	5408823	0.21625	348	348	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	420530	5409023	0.21296	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420530	5409223	0.20427	350.3	350.3	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420530	5409423	0.19552	353.94	353.94	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420530	5413623	0.14736	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420530	5413823	0.14004	380.11	380.11	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420530	5414023	0.13323	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420530	5414223	0.1337	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420530	5414423	0.13507	375.64	375.64	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420530	5414623	0.12442	380.11	380.11	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420530	5414823	0.10864	382	382	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420530	5415023	0.10151	380.3	380.3	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420330	5408823	0.20557	348	348	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	420330	5409023	0.19948	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420330	5409223	0.19027	351	351	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420330	5409423	0.18285	354	354	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420330	5413623	0.13616	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420330	5413823	0.13822	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420330	5414023	0.12892	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420330	5414223	0.12423	379.52	379.52	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420330	5414423	0.12853	373.32	373.32	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420330	5414623	0.12648	378.31	378.31	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420330	5414823	0.11549	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420330	5415023	0.10178	379.88	379.88	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420130	5407023	0.16062	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420130	5408823	0.19335	348	348	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	420130	5409023	0.18676	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420130	5409223	0.17756	350.06	350.06	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420130	5409423	0.17151	353	353	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420130	5413623	0.1194	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420130	5413823	0.13174	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420130	5414023	0.12842	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420130	5414223	0.11961	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420130	5414423	0.11959	374.12	374.12	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420130	5414623	0.1216	373	373	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420130	5414823	0.11901	374.98	374.98	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420130	5415023	0.10866	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	420130	5415523	0.08959	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	420130	5416023	0.09243	382	382	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	420130	5416523	0.08999	379.22	379.22	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	420130	5417023	0.10729	381.82	381.82	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	420630	5415523	0.10581	380	380	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	420630	5416023	0.10636	385	385	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	420630	5416523	0.11158	401.03	401.03	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	420630	5417023	0.09249	398.57	398.57	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	421130	5415523	0.12617	390	390	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	421130	5416023	0.12993	394.24	394.24	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	421130	5416523	0.09633	398	398	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	421130	5417023	0.08039	396.4	396.4	0	MONTH	PIT	1ST	12/31/1996 24 hr
MINE	421630	5415523	0.15129	383	383	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	421630	5416023	0.10292	389.02	389.02	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	421630	5416523	0.09741	400	400	0	MONTH	PIT	1ST	12/31/1996 24 hr
MINE	421630	5417023	0.09236	396.05	396.05	0	MONTH	PIT	1ST	12/31/1999 24 hr
MINE	422130	5415523	0.12102	387.26	387.26	0	MONTH	PIT	1ST	12/31/1996 24 hr
MINE	422130	5416023	0.11604	390	390	0	MONTH	PIT	1ST	12/31/1996 24 hr
MINE	422130	5416523	0.09774	395.11	395.11	0	MONTH	PIT	1ST	12/31/1999 24 hr
MINE	422130	5417023	0.08023	399.02	399.02	0	MONTH	PIT	1ST	8/31/1997 24 hr
MINE	422630	5415523	0.12706	396.51	396.51	0	MONTH	PIT	1ST	12/31/1999 24 hr
MINE	422630	5416023	0.10448	393.38	393.38	0	MONTH	PIT	1ST	12/31/1999 24 hr
MINE	422630	5416523	0.08649	410	410	0	MONTH	PIT	1ST	12/31/1999 24 hr
MINE	422630	5417023	0.09597	406.54	406.54	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	423130	5415523	0.12537	397.95	397.95	0	MONTH	PIT	1ST	12/31/1999 24 hr
MINE	423130	5416023	0.13738	399	399	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	423130	5416523	0.13947	400	400	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	423130	5417023	0.11192	410	410	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	423630	5415523	0.17559	399.47	399.47	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	423630	5416023	0.16677	393.25	393.25	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	423630	5416523	0.14527	393	393	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	423630	5417023	0.136	387	387	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	424130	5415523	0.16652	401	401	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	424130	5416023	0.15986	390.35	390.35	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	424130	5416523	0.14403	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	424130	5417023	0.12369	375.19	375.19	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	424630	5415523	0.18226	384.17	384.17	0	MONTH	PIT	1ST	8/31/1996 24 hr
MINE	424630	5416023	0.16333	382.4	382.4	0	MONTH	PIT	1ST	8/31/1996 24 hr
MINE	424630	5416523	0.14155	374	374	0	MONTH	PIT	1ST	8/31/1996 24 hr
MINE	424630	5417023	0.12272	376.51	376.51	0	MONTH	PIT	1ST	8/31/1996 24 hr
MINE	425130	5415523	0.20163	377	377	0	MONTH	PIT	1ST	12/31/1999 24 hr
MINE	425130	5416023	0.18093	379.13	379.13	0	MONTH	PIT	1ST	12/31/1999 24 hr
MINE	425130	5416523	0.16224	378	378	0	MONTH	PIT	1ST	12/31/1999 24 hr
MINE	425130	5417023	0.14587	375	375	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425630	5415523	0.23491	377	377	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425630	5416023	0.20303	377	377	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425630	5416523	0.17739	376.72	376.72	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	425630	5417023	0.15572	378.99	378.99	0	MONTH	PIT	1ST	10/31/2000 24 hr
MINE	426130	5415523	0.28315	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426130	5416023	0.24587	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426130	5416523	0.21223	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426130	5417023	0.18638	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426630	5415523	0.23041	389	389	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426630	5416023	0.22537	382	382	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426630	5416523	0.21	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	426630	5417023	0.19449	378	378	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	427130	5415523	0.16499	386	386	0	MONTH	PIT	1ST	10/31/2000 24 hr
MINE	427130	5416023	0.14768	385.29	385.29	0	MONTH	PIT	1ST	10/31/2000 24 hr
MINE	427130	5416523	0.13908	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	427130	5417023	0.1314	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	427630	5415523	0.18287	380	380	0	MONTH	PIT	1ST	2/29/2000 24 hr
MINE	427630	5416023	0.14824	380	380	0	MONTH	PIT	1ST	2/28/1998 24 hr
MINE	427630	5416523	0.12906	381	381	0	MONTH	PIT	1ST	2/28/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	427630	5417023	0.11285	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	428130	5415523	0.22311	380	380	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	428130	5416023	0.18689	377	377	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	428130	5416523	0.15353	376	376	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	428130	5417023	0.12459	377	377	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	428630	5415523	0.21584	376	376	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	428630	5416023	0.1911	375	375	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	428630	5416523	0.17418	375	375	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	428630	5417023	0.15637	379	379	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	429130	5416023	0.18503	373	373	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	429130	5416523	0.16514	373	373	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	429130	5417023	0.14754	374	374	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	429630	5416023	0.17112	377.96	377.96	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	429630	5416523	0.15879	372	372	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	429630	5417023	0.14425	372	372	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	430130	5416023	0.15123	388.36	400	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	430130	5416523	0.15	378	411	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	430130	5417023	0.13705	373.81	373.81	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	430630	5416023	0.15077	375	375	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	430630	5416523	0.13809	385.95	411	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	430630	5417023	0.12283	391.87	391.87	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	431130	5416023	0.10212	378	378	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	431130	5416523	0.12434	392	392	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	431130	5417023	0.12669	387.63	402	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	431630	5415523	0.08495	379.96	379.96	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	431630	5416023	0.10079	389.07	389.07	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	431630	5416523	0.08889	376.44	376.44	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	431630	5417023	0.10201	392.08	392.08	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	432130	5415523	0.07348	381	381	0 MONTH	PIT	1ST		7/31/1998 24 hr
MINE	432130	5416023	0.07669	380	380	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	432130	5416523	0.08939	393.08	393.08	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	432130	5417023	0.07862	373	400	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	432630	5415523	0.06313	407.92	409	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	432630	5416023	0.06616	389.44	421	0 MONTH	PIT	1ST		7/31/1998 24 hr
MINE	432630	5416523	0.07011	377	377	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	432630	5417023	0.08299	381.97	381.97	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	433130	5415523	0.05529	408.19	408.19	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	433130	5416023	0.05197	420.05	431	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	433130	5416523	0.05931	388.33	440	0 MONTH	PIT	1ST		7/31/1998 24 hr
MINE	433130	5417023	0.06406	373	373	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	431630	5415023	0.08607	376	376	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	431630	5414523	0.09112	379	379	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	431630	5414023	0.10785	378.4	378.4	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	431630	5413523	0.12485	378	378	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	431630	5413023	0.1566	375	375	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	431630	5412023	0.17035	382	382	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	431630	5411523	0.19466	382	382	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	431630	5411023	0.17137	380	380	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	431630	5410023	0.20117	383.9	383.9	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	431630	5409523	0.16581	381	381	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	431630	5409023	0.16423	366.01	366.01	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	431630	5408523	0.19531	361	361	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	431630	5408023	0.15736	363	363	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	431630	5407523	0.12761	369	369	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	431630	5407023	0.12668	378.31	378.31	0 MONTH	PIT	1ST		8/31/1998 24 hr
MINE	431630	5406523	0.12011	377	377	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	431630	5406023	0.11193	372.49	372.49	0 MONTH	PIT	1ST		10/31/1999 24 hr
MINE	431630	5405523	0.10315	367	367	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	431630	5405023	0.08917	369	369	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	431630	5404523	0.10797	370.02	370.02	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	431630	5404023	0.0855	367	367	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	431630	5403523	0.07364	369.7	382	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	431630	5403023	0.08763	365	365	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	431630	5402523	0.09523	360	360	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	431630	5402023	0.09078	358.21	358.21	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	432130	5415023	0.07643	380	380	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	432130	5414523	0.08933	381	381	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	432130	5414023	0.10448	376.05	376.05	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	432130	5413523	0.11884	376.44	376.44	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	432130	5413023	0.12029	378	378	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	432130	5412523	0.15448	374	374	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	432130	5412023	0.1497	376.57	376.57	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	432130	5411523	0.17439	375.96	375.96	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	432130	5411023	0.1461	373.18	373.18	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	432130	5410523	0.16824	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	432130	5410023	0.18116	370.42	370.42	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	432130	5409523	0.14017	371.86	371.86	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	432130	5409023	0.15159	371	371	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	432130	5408523	0.16586	362	362	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	432130	5408023	0.16112	370	370	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	432130	5407523	0.11209	372	372	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	432130	5407023	0.11811	376	376	0 MONTH	PIT	1ST		2/28/1997 24 hr
MINE	432130	5406523	0.1099	373	373	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	432130	5406023	0.10039	369.31	369.31	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	432130	5405523	0.09646	369	369	0 MONTH	PIT	1ST		10/31/1999 24 hr
MINE	432130	5405023	0.09003	375.42	375.42	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	432130	5404523	0.07633	376.61	376.61	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	432130	5404023	0.09819	375	377	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	432130	5403523	0.07506	366.89	366.89	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	432130	5403023	0.06418	368	368	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	432130	5402523	0.07478	359.64	359.64	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	432130	5402023	0.08638	373.53	373.53	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	432630	5415023	0.06684	401.58	401.58	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	432630	5414523	0.08485	388.61	398	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	432630	5414023	0.09714	378.54	378.54	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	432630	5413523	0.12667	379.82	379.82	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	432630	5413023	0.1102	380	380	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	432630	5412523	0.13948	378	378	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	432630	5412023	0.13654	380	380	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	432630	5411523	0.15109	378.87	378.87	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	432630	5411023	0.12222	379	379	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	432630	5410523	0.15635	375	375	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	432630	5410023	0.16231	372	372	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	432630	5409523	0.11867	374.92	374.92	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	432630	5409023	0.13957	368.66	368.66	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	432630	5408523	0.13579	369.05	369.05	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	432630	5408023	0.15558	370	370	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	432630	5407523	0.10565	370	370	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	432630	5407023	0.09952	372	372	0 MONTH	PIT	1ST		2/28/1997 24 hr
MINE	432630	5406523	0.10182	377.4	377.4	0 MONTH	PIT	1ST		8/31/1998 24 hr
MINE	432630	5406023	0.09486	378	378	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	432630	5405523	0.08748	374.78	374.78	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	432630	5405023	0.08522	379.88	379.88	0 MONTH	PIT	1ST		10/31/1999 24 hr
MINE	432630	5404523	0.07532	390	390	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	432630	5404023	0.06804	376.66	376.66	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	432630	5403523	0.08462	368.08	368.08	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	432630	5403023	0.06696	365.22	365.22	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	432630	5402523	0.05782	362.08	362.08	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	432630	5402023	0.06144	372	372	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	433130	5415023	0.06177	404.73	404.73	0 MONTH	PIT	1ST		7/31/1999 24 hr
MINE	433130	5414523	0.0859	381.51	381.51	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	433130	5414023	0.09981	374.67	374.67	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	433130	5413523	0.09734	376.92	376.92	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	433130	5413023	0.11645	380	380	0 MONTH	PIT	1ST		12/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	433130	5412523	0.11784	376.78	391	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	433130	5412023	0.13099	381.37	381.37	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	433130	5411523	0.13038	380	380	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	433130	5411023	0.10462	381.98	381.98	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	433130	5410523	0.14473	379	379	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	433130	5410023	0.14683	376.36	376.36	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	433130	5409523	0.10695	373.38	373.38	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	433130	5409023	0.12739	367	367	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	433130	5408523	0.11073	366	366	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	433130	5408023	0.14356	368	368	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	433130	5407523	0.11209	370	370	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	433130	5407023	0.08845	374.55	374.55	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	433130	5406523	0.09448	380	380	0 MONTH	PIT	1ST		2/28/1997 24 hr
MINE	433130	5406023	0.08656	379	379	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	433130	5405523	0.08468	381.05	381.05	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	433130	5405023	0.07838	389	389	0 MONTH	PIT	1ST		10/31/1999 24 hr
MINE	433130	5404523	0.07448	387.03	387.03	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	433130	5404023	0.06926	380.92	380.92	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	433130	5403523	0.064	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	433130	5403023	0.07728	369.97	369.97	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	433130	5402523	0.05904	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	433130	5402023	0.05288	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	431130	5403523	0.10602	367	367	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	431130	5403023	0.1094	360.84	360.84	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	431130	5402523	0.10255	365.9	365.9	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	431130	5402023	0.07907	360	360	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430630	5403523	0.12465	361	361	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430630	5403023	0.10682	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430630	5402523	0.0793	364.18	364.18	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430630	5402023	0.07173	360	360	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	430130	5403523	0.10967	367	367	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430130	5403023	0.09087	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	430130	5402523	0.0901	365.58	365.58	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	430130	5402023	0.06802	360	360	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	429630	5403523	0.11264	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	429630	5403023	0.09157	368.94	368.94	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	429630	5402523	0.0686	366	366	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429630	5402023	0.07017	362	362	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429130	5403523	0.0868	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429130	5403023	0.089	367	367	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429130	5402523	0.0873	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429130	5402023	0.08096	364	364	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428630	5403523	0.11223	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428630	5403023	0.09963	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428630	5402523	0.08243	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428630	5402023	0.06621	366.82	366.82	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428130	5403523	0.09553	369	369	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428130	5403023	0.07541	370.46	370.46	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428130	5402523	0.06458	371	371	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428130	5402023	0.06103	370	370	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427630	5403523	0.09067	368	368	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427630	5403023	0.08488	371	371	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427630	5402523	0.07886	375	375	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427630	5402023	0.06923	375.58	375.58	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427130	5403523	0.08375	368	368	0 MONTH	PIT	1ST		3/31/1997 24 hr
MINE	427130	5403023	0.08084	372	372	0 MONTH	PIT	1ST		3/31/1997 24 hr
MINE	427130	5402523	0.07431	375	375	0 MONTH	PIT	1ST		3/31/1997 24 hr
MINE	427130	5402023	0.06608	378	378	0 MONTH	PIT	1ST		3/31/1997 24 hr
MINE	426630	5403523	0.10195	366	366	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426630	5403023	0.0921	377.23	377.23	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426630	5402523	0.08353	379	379	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426630	5402023	0.07702	376	376	0 MONTH	PIT	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	426130	5403523	0.1035	366.78	366.78	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426130	5403023	0.08911	389.9	389.9	0 MONTH	PIT	1ST		2/28/1997 24 hr
MINE	426130	5402523	0.08482	378.72	378.72	0 MONTH	PIT	1ST		2/28/1997 24 hr
MINE	426130	5402023	0.07774	377	377	0 MONTH	PIT	1ST		2/28/1997 24 hr
MINE	425630	5403523	0.11468	368.19	368.19	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425630	5403023	0.09876	371	371	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425630	5402523	0.08478	378	378	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425630	5402023	0.07585	376	376	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425130	5403523	0.16739	368.04	368.04	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425130	5403023	0.14591	375	375	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425130	5402523	0.12727	377	377	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425130	5402023	0.10964	384.6	384.6	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424630	5403523	0.1635	369.33	369.33	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424630	5403023	0.1484	379.99	379.99	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424630	5402523	0.1365	380	380	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424630	5402023	0.12576	379	379	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424130	5403523	0.14408	365.91	365.91	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424130	5403023	0.12703	371	371	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424130	5402523	0.11318	381	381	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424130	5402023	0.1064	378.03	378.03	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423630	5403523	0.14643	363.92	363.92	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423630	5403023	0.12698	375	375	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423630	5402523	0.11232	379	379	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423630	5402023	0.10035	377	377	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423130	5403523	0.13895	369	369	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423130	5403023	0.12988	376	376	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423130	5402523	0.11345	380	380	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423130	5402023	0.10229	375	375	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422630	5403523	0.08519	371	371	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422630	5403023	0.09901	377	377	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422630	5402523	0.10814	373.78	373.78	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422630	5402023	0.10511	374	374	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422130	5403523	0.08362	361	361	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422130	5403023	0.06243	371	371	0 MONTH	PIT	1ST		4/30/1998 24 hr
MINE	422130	5402523	0.06491	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422130	5402023	0.07611	371	371	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	421630	5403523	0.09738	358.11	358.11	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	421630	5403023	0.07963	366.93	366.93	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	421630	5402523	0.06376	361	361	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	421630	5402023	0.05009	367.71	367.71	0 MONTH	PIT	1ST		4/30/1998 24 hr
MINE	421130	5403523	0.09938	360	360	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	421130	5403023	0.08718	359	359	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	421130	5402523	0.07591	359	359	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	421130	5402023	0.06084	363.14	363.14	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	420630	5403523	0.10176	359	359	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	420630	5403023	0.09475	357	357	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	420630	5402523	0.07644	357.89	357.89	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	420630	5402023	0.07075	361	361	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	420130	5403523	0.07532	354.46	354.46	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	420130	5403023	0.08735	354	354	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	420130	5402523	0.0877	358	358	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	420130	5402023	0.07145	360	360	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	419630	5403523	0.06853	353	353	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	419630	5403023	0.06348	354	354	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	419630	5402523	0.07476	354.37	354.37	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	419630	5402023	0.07962	356	356	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	419130	5403523	0.05917	360	360	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	419130	5403023	0.06118	358	358	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	419130	5402523	0.05687	358	358	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	419130	5402023	0.0641	357	357	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	418630	5403523	0.06137	348.98	348.98	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	418630	5403023	0.05309	356.06	356.06	0 MONTH	PIT	1ST		4/30/1996 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	418630	5402523	0.06254	370.29	380	0 MONTH	PIT	1ST		2/28/1997 24 hr
MINE	418630	5402023	0.05165	359	359	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	418130	5403523	0.06068	347	347	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	418130	5403023	0.05434	360	360	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	418130	5402523	0.0479	358.42	358.42	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	418130	5402023	0.04983	352	352	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	419630	5404023	0.06664	352	352	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	419630	5404523	0.08038	350	350	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	419630	5405023	0.08615	349	349	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	419630	5405523	0.08453	354	354	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	419630	5406523	0.13624	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419630	5407023	0.13763	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419630	5408023	0.1377	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419630	5408523	0.16725	346.05	346.05	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	419630	5409023	0.15855	348.11	348.11	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419630	5409523	0.14587	351.75	351.75	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419630	5410023	0.12043	356.29	356.29	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419630	5410523	0.15593	359	359	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419630	5411023	0.15154	357	357	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419630	5413523	0.07853	378.38	378.38	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419630	5414023	0.11062	370	370	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419630	5414523	0.10677	376.31	376.31	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419630	5415023	0.10598	378	378	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419630	5415523	0.08727	385.5	385.5	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419630	5416023	0.0732	390.01	390.01	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419630	5416523	0.08178	384.1	384.1	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419630	5417023	0.07609	376.55	376.55	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	419130	5404023	0.06999	357.06	357.06	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	419130	5404523	0.07622	353	353	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	419130	5405023	0.07369	347	347	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	419130	5405523	0.08362	352	352	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	419130	5406023	0.10991	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419130	5406523	0.12407	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419130	5407023	0.11795	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419130	5407523	0.11953	343.96	343.96	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419130	5408023	0.12283	341.37	341.37	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419130	5408523	0.15513	345.22	345.22	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	419130	5409023	0.13571	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419130	5409523	0.12748	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419130	5410023	0.10429	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419130	5410523	0.13399	351	351	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419130	5411023	0.14036	355	355	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419130	5413523	0.07426	371.92	371.92	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	419130	5414023	0.0775	375.47	375.47	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419130	5414523	0.10404	379	379	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419130	5415023	0.08768	381	381	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419130	5415523	0.0947	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419130	5416023	0.07364	384.29	384.29	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419130	5416523	0.06826	378.15	378.15	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	419130	5417023	0.07187	370	370	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418630	5404023	0.0678	348.76	351	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	418630	5404523	0.06567	345	345	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	418630	5405023	0.06992	343.8	343.8	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	418630	5405523	0.08485	351	351	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418630	5406023	0.10985	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418630	5406523	0.10668	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418630	5407023	0.10402	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418630	5407523	0.10693	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418630	5408023	0.11261	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418630	5408523	0.13615	344	344	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	418630	5409023	0.11768	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418630	5409523	0.11242	346	346	0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	418630	5410023	0.09289	347	347	0 MONTH	PIT	1ST		9/30/1996 24 hr
MINE	418630	5410523	0.11593	347.81	347.81	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418630	5411023	0.12967	349	349	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418630	5413523	0.06891	370	370	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418630	5414023	0.06149	371.3	371.3	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418630	5414523	0.08008	372.94	372.94	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418630	5415023	0.09028	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418630	5415523	0.07739	379.86	379.86	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418630	5416023	0.08376	372.14	372.14	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418630	5416523	0.06755	368	368	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418630	5417023	0.06282	366	366	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418130	5404023	0.05948	353.54	353.54	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	418130	5404523	0.05846	358.24	358.24	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	418130	5405023	0.06999	354	354	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	418130	5405523	0.09394	347.1	347.1	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418130	5406023	0.09849	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418130	5406523	0.093	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418130	5407023	0.09404	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418130	5407523	0.0956	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418130	5408023	0.11071	341	341	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	418130	5408523	0.11695	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418130	5409023	0.10366	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418130	5409523	0.09999	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418130	5410023	0.08382	346	346	0 MONTH	PIT	1ST		9/30/1996 24 hr
MINE	418130	5410523	0.10107	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418130	5411023	0.11969	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418130	5413523	0.06891	366.22	366.22	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	418130	5414023	0.06016	369.28	369.28	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	418130	5414523	0.05742	373.9	373.9	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418130	5415023	0.08147	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418130	5415523	0.07542	380	380	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418130	5416023	0.07168	375.62	375.62	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418130	5416523	0.07319	368.04	368.04	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418130	5417023	0.06079	362	362	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418130	5417857	0.05613	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	418130	5418690	0.05563	358.51	358.51	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	418130	5419523	0.06631	366.26	366.26	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	419102	5417857	0.07596	368.86	368.86	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	419102	5418690	0.07422	362.1	362.1	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	419102	5419523	0.05281	364	364	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	420074	5417857	0.07924	389.4	389.4	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	420074	5418690	0.06249	377	377	0 MONTH	PIT	1ST		12/31/1996 24 hr
MINE	420074	5419523	0.05803	369	369	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	421047	5417857	0.07803	396.65	396.65	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	421047	5418690	0.05882	384.78	384.78	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	421047	5419523	0.05361	373	373	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	422019	5417857	0.08087	383.01	383.01	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	422019	5418690	0.09245	380	380	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	422019	5419523	0.0918	370.69	370.69	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	422991	5417857	0.11493	382.48	382.48	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	422991	5418690	0.1033	379.67	379.67	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	422991	5419523	0.08421	371.96	371.96	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	423963	5417857	0.10211	371	371	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	423963	5418690	0.09005	369	369	0 MONTH	PIT	1ST		8/31/1996 24 hr
MINE	423963	5419523	0.07838	368	368	0 MONTH	PIT	1ST		8/31/1996 24 hr
MINE	424936	5417857	0.12285	377.15	377.15	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	424936	5418690	0.10615	379	379	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	424936	5419523	0.09336	377.38	377.38	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	425908	5417857	0.14166	379.54	379.54	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	425908	5418690	0.12163	372	372	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	425908	5419523	0.10433	373	373	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	426880	5417857	0.15069	379	379	0 MONTH	PIT	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	426880	5418690	0.13753	381	381	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	426880	5419523	0.12371	370.81	370.81	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	427852	5417857	0.09418	378	378	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	427852	5418690	0.08041	374.7	374.7	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	427852	5419523	0.07458	364	364	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	428824	5417857	0.12156	379	379	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	428824	5418690	0.09279	379	379	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	428824	5419523	0.07468	375.16	375.16	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	429797	5417857	0.12153	371	371	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	429797	5418690	0.10408	373	373	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	429797	5419523	0.1005	371	371	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	430769	5417857	0.11316	368	368	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	430769	5418690	0.09956	370	370	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	430769	5419523	0.08825	370	370	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	431741	5417857	0.10277	396.6	401	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	431741	5418690	0.09466	377.21	390	0 MONTH	PIT	1ST		2/28/1998 24 hr
MINE	431741	5419523	0.08329	366	366	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	432713	5417857	0.0678	373	373	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	432713	5418690	0.09222	376.07	376.07	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	432713	5419523	0.06484	400	400	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	433686	5417857	0.06812	374	374	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	433686	5418690	0.05639	390.86	400	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	433686	5419523	0.06726	392.42	392.42	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	434658	5417857	0.04342	406	423	0 MONTH	PIT	1ST		7/31/1998 24 hr
MINE	434658	5418690	0.05753	386.63	390	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	434658	5419523	0.05398	388.54	416	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	435630	5417857	0.04049	382	404	0 MONTH	PIT	1ST		1/31/1999 24 hr
MINE	435630	5418690	0.03827	391.41	391.41	0 MONTH	PIT	1ST		7/31/1998 24 hr
MINE	435630	5419523	0.04512	383.74	401	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	433963	5417023	0.04861	408.27	408.27	0 MONTH	PIT	1ST		7/31/1998 24 hr
MINE	433963	5416051	0.04231	418.31	418.31	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	433963	5415079	0.07266	383.67	383.67	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	433963	5414107	0.09538	377	377	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	433963	5413134	0.10599	389.48	391	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	433963	5412162	0.1143	383.25	383.25	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	433963	5411190	0.08638	387	387	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	433963	5410218	0.11624	381	381	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	433963	5409245	0.10214	372	372	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	433963	5408273	0.09438	385.84	385.84	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	433963	5407301	0.09794	390.12	390.12	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	433963	5406329	0.07775	385	385	0 MONTH	PIT	1ST		2/28/1997 24 hr
MINE	433963	5405357	0.0727	389	389	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	433963	5404384	0.06705	377	377	0 MONTH	PIT	1ST		10/31/1999 24 hr
MINE	433963	5403412	0.05818	372	372	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	433963	5402440	0.06726	380	380	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	433963	5401468	0.04418	366	366	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	433963	5400495	0.04524	364.03	364.03	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	433963	5399523	0.05593	357	357	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	434797	5417023	0.04388	384.4	433	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	434797	5416051	0.05306	379.08	379.08	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	434797	5415079	0.06216	374.72	374.72	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	434797	5414107	0.0609	387	387	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	434797	5413134	0.07473	400.14	400.14	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	434797	5412162	0.09787	391	391	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	434797	5411190	0.07092	386	386	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	434797	5410218	0.09888	381	381	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	434797	5409245	0.08152	379.42	379.42	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	434797	5408273	0.08334	386.99	386.99	0 MONTH	PIT	1ST		9/30/2000 24 hr
MINE	434797	5407301	0.09996	390	390	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	434797	5406329	0.06206	401	401	0 MONTH	PIT	1ST		11/30/1996 24 hr
MINE	434797	5405357	0.0685	399	399	0 MONTH	PIT	1ST		8/31/1998 24 hr
MINE	434797	5404384	0.06002	378	378	0 MONTH	PIT	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	434797	5403412	0.05498	373	373	0 MONTH	PIT	1ST		10/31/1999 24 hr
MINE	434797	5402440	0.04838	369	369	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	434797	5401468	0.05785	370.44	370.44	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	434797	5400495	0.03906	361	361	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	434797	5399523	0.03919	359	359	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	435630	5417023	0.04242	385.87	385.87	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	435630	5416051	0.05451	384.39	386	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	435630	5415079	0.07473	403.66	403.66	0 MONTH	PIT	1ST		2/29/2000 24 hr
MINE	435630	5414107	0.06665	396	396	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	435630	5413134	0.07727	385	385	0 MONTH	PIT	1ST		2/29/1996 24 hr
MINE	435630	5412162	0.08133	386.78	386.78	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	435630	5411190	0.06146	385	385	0 MONTH	PIT	1ST		12/31/1998 24 hr
MINE	435630	5410218	0.08426	390	390	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	435630	5409245	0.06471	382.49	382.49	0 MONTH	PIT	1ST		12/31/1999 24 hr
MINE	435630	5408273	0.07127	381	381	0 MONTH	PIT	1ST		9/30/2000 24 hr
MINE	435630	5407301	0.09241	386.5	386.5	0 MONTH	PIT	1ST		1/31/1996 24 hr
MINE	435630	5406329	0.05695	391.74	391.74	0 MONTH	PIT	1ST		7/31/1998 24 hr
MINE	435630	5405357	0.05956	389.76	389.76	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	435630	5404384	0.05485	377.77	377.77	0 MONTH	PIT	1ST		1/31/2000 24 hr
MINE	435630	5403412	0.0494	375.14	375.14	0 MONTH	PIT	1ST		10/31/1999 24 hr
MINE	435630	5402440	0.04604	368	368	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	435630	5401468	0.03836	364	364	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	435630	5400495	0.04333	360	360	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	435630	5399523	0.03265	358	358	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	433130	5401190	0.05972	364.77	364.77	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	433130	5400357	0.0667	360	360	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	433130	5399523	0.05673	360	360	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	432158	5401190	0.0836	373	373	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	432158	5400357	0.05619	358	358	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	432158	5399523	0.0478	357.13	357.13	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	431186	5401190	0.06598	365.75	365.75	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	431186	5400357	0.05576	355.6	355.6	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	431186	5399523	0.0392	357.06	357.06	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430213	5401190	0.05513	353	353	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430213	5400357	0.05474	360	360	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	430213	5399523	0.0509	355	355	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429241	5401190	0.06433	360	360	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429241	5400357	0.05003	358.56	358.56	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	429241	5399523	0.0398	359	359	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428269	5401190	0.05482	370	370	0 MONTH	PIT	1ST		8/31/1999 24 hr
MINE	428269	5400357	0.05174	365	365	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	428269	5399523	0.04167	361	361	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	427297	5401190	0.05796	375.45	375.45	0 MONTH	PIT	1ST		3/31/1997 24 hr
MINE	427297	5400357	0.04886	363.85	363.85	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	427297	5399523	0.04484	361	361	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426324	5401190	0.06542	371.9	371.9	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426324	5400357	0.05694	368	368	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	426324	5399523	0.0496	366.05	366.05	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425352	5401190	0.07572	376	376	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425352	5400357	0.06377	371	371	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	425352	5399523	0.0541	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424380	5401190	0.10449	376.85	376.85	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424380	5400357	0.09342	375.72	375.72	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	424380	5399523	0.08329	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423408	5401190	0.08528	379	379	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423408	5400357	0.07185	378	378	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	423408	5399523	0.06503	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422436	5401190	0.08983	370	370	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422436	5400357	0.075	370.69	370.69	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	422436	5399523	0.06675	366	366	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	421463	5401190	0.0474	369.71	369.71	0 MONTH	PIT	1ST		12/31/2000 24 hr
MINE	421463	5400357	0.06094	367.08	367.08	0 MONTH	PIT	1ST		12/31/2000 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	421463	5399523	0.06396	361.8	361.8	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	420491	5401190	0.05583	363.64	363.64	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	420491	5400357	0.03979	360	360	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	420491	5399523	0.03546	357	357	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	419519	5401190	0.063	358	358	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	419519	5400357	0.05518	364.89	364.89	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	419519	5399523	0.04134	357	357	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	418547	5401190	0.0601	363.19	363.19	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	418547	5400357	0.06511	365	365	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	418547	5399523	0.04453	357	357	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	417574	5401190	0.04424	351	351	0	MONTH	PIT	1ST	4/30/1996 24 hr
MINE	417574	5400357	0.04275	357.18	357.18	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	417574	5399523	0.05254	354	354	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	416602	5401190	0.03498	348	348	0	MONTH	PIT	1ST	4/30/1996 24 hr
MINE	416602	5400357	0.03813	358.92	358.92	0	MONTH	PIT	1ST	4/30/1996 24 hr
MINE	416602	5399523	0.03405	350	350	0	MONTH	PIT	1ST	4/30/1996 24 hr
MINE	415630	5401190	0.03828	347	347	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	415630	5400357	0.03101	349	349	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	415630	5399523	0.0329	349	349	0	MONTH	PIT	1ST	4/30/1996 24 hr
MINE	417297	5402023	0.04233	357.46	357.46	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	417297	5402995	0.05173	346	346	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	417297	5403968	0.0509	349	349	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	417297	5404940	0.07761	355	355	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	417297	5405912	0.07968	347	347	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	417297	5406884	0.08057	343	343	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	417297	5407857	0.09913	340	340	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	417297	5408829	0.08743	345	345	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	417297	5409801	0.07343	346	346	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	417297	5410773	0.09814	349	349	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	417297	5411745	0.06647	370	370	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	417297	5412718	0.06422	363.07	363.07	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	417297	5413690	0.06695	366	366	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	417297	5414662	0.04762	374	374	0	MONTH	PIT	1ST	12/31/1999 24 hr
MINE	417297	5415634	0.06983	370	370	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	417297	5416607	0.06237	360.98	360.98	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	417297	5417579	0.05459	357	357	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	417297	5418551	0.04779	356	356	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	417297	5419523	0.04513	362.05	362.05	0	MONTH	PIT	1ST	1/31/2000 24 hr
MINE	416463	5402023	0.04429	346	346	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	416463	5402995	0.04146	346	346	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	416463	5403968	0.05118	348.5	348.5	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	416463	5404940	0.07342	357.45	357.45	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	416463	5405912	0.06818	346	346	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	416463	5406884	0.06933	343.24	343.24	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	416463	5407857	0.09514	340	340	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	416463	5408829	0.07374	346.93	346.93	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	416463	5409801	0.06239	353.2	353.2	0	MONTH	PIT	1ST	9/30/1996 24 hr
MINE	416463	5410773	0.08159	357	357	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	416463	5411745	0.06533	356	356	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	416463	5412718	0.05417	369	369	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	416463	5413690	0.0663	369.57	369.57	0	MONTH	PIT	1ST	12/31/1997 24 hr
MINE	416463	5414662	0.04642	383.43	383.43	0	MONTH	PIT	1ST	12/31/1999 24 hr
MINE	416463	5415634	0.04608	364.53	364.53	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	416463	5416607	0.05637	361	361	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	416463	5417579	0.05278	360	360	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	416463	5418551	0.04399	359.12	359.12	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	416463	5419523	0.04081	353	353	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	415630	5402023	0.03737	343.62	343.62	0	MONTH	PIT	1ST	1/31/1999 24 hr
MINE	415630	5402995	0.04203	346	346	0	MONTH	PIT	1ST	12/31/2000 24 hr
MINE	415630	5403968	0.0602	349	349	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	415630	5404940	0.05996	360	360	0	MONTH	PIT	1ST	1/31/1998 24 hr
MINE	415630	5405912	0.05832	347	347	0	MONTH	PIT	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	415630	5408829	0.06406	348	348	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	415630	5409801	0.05491	354	354	0 MONTH	PIT	1ST		9/30/1996 24 hr
MINE	415630	5410773	0.06897	363	363	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	415630	5411745	0.05674	369	369	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	415630	5412718	0.04181	371	371	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	415630	5413690	0.04878	380	380	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	415630	5414662	0.03996	374	374	0 MONTH	PIT	1ST		12/31/1997 24 hr
MINE	415630	5415634	0.03554	367	367	0 MONTH	PIT	1ST		4/30/1996 24 hr
MINE	415630	5416607	0.04804	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	415630	5417579	0.04689	360	360	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	415630	5418551	0.04482	360.67	360.67	0 MONTH	PIT	1ST		1/31/1998 24 hr
MINE	415630	5419523	0.03649	357	357	0 MONTH	PIT	1ST		1/31/1998 24 hr
	415463	5406675	0.05809	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
	415451	5406279	0.05893	345	345	0 MONTH	PIT	1ST		1/31/1998 24 hr
	414628	5406278	0.05162	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
	414648	5407097	0.06246	340	340	0 MONTH	PIT	1ST		12/31/2000 24 hr
	413820	5407101	0.06407	344.14	344.14	0 MONTH	PIT	1ST		12/31/2000 24 hr
	413844	5407916	0.0532	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
	414669	5407897	0.06361	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
	414668	5407921	0.06311	343	343	0 MONTH	PIT	1ST		1/31/1998 24 hr
	415890	5407908	0.08566	341	341	0 MONTH	PIT	1ST		12/31/2000 24 hr
	415869	5407086	0.06213	341	341	0 MONTH	PIT	1ST		1/31/1998 24 hr
	416287	5407081	0.06644	342	342	0 MONTH	PIT	1ST		1/31/1998 24 hr
	416272	5406666	0.0674	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
	421918	5404856	0.14522	353.05	353.05	0 MONTH	PIT	1ST		1/31/1999 24 hr
	421094	5404865	0.09928	350	350	0 MONTH	PIT	1ST		4/30/1996 24 hr
	421106	5405379	0.10294	350	350	0 MONTH	PIT	1ST		4/30/1996 24 hr
	420730	5405382	0.10421	355	355	0 MONTH	PIT	1ST		1/31/1999 24 hr
	420730	5405796	0.11725	353	353	0 MONTH	PIT	1ST		1/31/1999 24 hr
	419463	5405818	0.09263	353	353	0 MONTH	PIT	1ST		12/31/2000 24 hr
	419463	5406226	0.11882	350	350	0 MONTH	PIT	1ST		1/31/1998 24 hr
	420291	5406220	0.10723	350	350	0 MONTH	PIT	1ST		12/31/2000 24 hr
	420304	5407038	0.16755	347.43	347.43	0 MONTH	PIT	1ST		1/31/1998 24 hr
	419611	5407048	0.13639	347	347	0 MONTH	PIT	1ST		1/31/1998 24 hr
	419649	5408646	0.17422	347	347	0 MONTH	PIT	1ST		12/31/2000 24 hr
	420388	5408637	0.19067	346.92	346.92	0 MONTH	PIT	1ST		1/31/1998 24 hr
	420340	5407829	0.1652	344	344	0 MONTH	PIT	1ST		1/31/1998 24 hr
	421196	5407811	0.2244	350.16	350.16	0 MONTH	PIT	1ST		1/31/1998 24 hr
	421156	5407025	0.15466	352	352	0 MONTH	PIT	1ST		12/31/2000 24 hr
	422795	5406994	0.21867	359	359	0 MONTH	PIT	1ST		1/31/1999 24 hr
	422806	5407802	0.28652	359	359	0 MONTH	PIT	1ST		1/31/1999 24 hr
	423617	5407779	0.38194	358.09	358.09	0 MONTH	PIT	1ST		1/31/1999 24 hr
	423599	5406990	0.30934	365.72	365.72	0 MONTH	PIT	1ST		12/31/2000 24 hr
	422786	5406989	0.21772	359	359	0 MONTH	PIT	1ST		1/31/1999 24 hr
	422771	5406177	0.21788	358	358	0 MONTH	PIT	1ST		1/31/1999 24 hr
	422357	5406187	0.17161	359	359	0 MONTH	PIT	1ST		1/31/1999 24 hr
	422363	5406591	0.17345	357	357	0 MONTH	PIT	1ST		1/31/1999 24 hr
	421964	5406591	0.16891	356	356	0 MONTH	PIT	1ST		1/31/1999 24 hr
	420767	5413450	0.15875	375	375	0 MONTH	PIT	1ST		1/31/1998 24 hr
	420780	5414261	0.14378	377	377	0 MONTH	PIT	1ST		1/31/1998 24 hr
	421449	5414252	0.14142	379.78	379.78	0 MONTH	PIT	1ST		1/31/1998 24 hr
	422377	5414238	0.21839	379	379	0 MONTH	PIT	1ST		1/31/2000 24 hr
	422370	5415036	0.13318	387.39	387.39	0 MONTH	PIT	1ST		1/31/2000 24 hr
	424000	5415015	0.20708	397.45	397.45	0 MONTH	PIT	1ST		2/28/1998 24 hr
	423997	5414610	0.21677	400.01	400.01	0 MONTH	PIT	1ST		2/28/1998 24 hr
	424792	5414601	0.23201	388	388	0 MONTH	PIT	1ST		8/31/1996 24 hr
	424798	5414204	0.26471	389	389	0 MONTH	PIT	1ST		2/28/1998 24 hr
	428817	5414150	0.22807	404	404	0 MONTH	PIT	1ST		2/29/2000 24 hr
	428848	5415656	0.2051	376	421	0 MONTH	PIT	1ST		2/29/2000 24 hr
	429649	5415650	0.16088	394.89	394.89	0 MONTH	PIT	1ST		1/31/1996 24 hr
	429650	5415747	0.17131	388.58	388.58	0 MONTH	PIT	1ST		1/31/1996 24 hr
	431259	5415735	0.11362	378.13	378.13	0 MONTH	PIT	1ST		1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
431239	5414122	0.10761	376.02	376.02		0 MONTH	PIT	1ST		12/31/1999 24 hr
429628	5414138	0.17654	385.78	385.78		0 MONTH	PIT	1ST		1/31/1999 24 hr
429614	5413326	0.15537	389.97	389.97		0 MONTH	PIT	1ST		1/31/1999 24 hr
428809	5413327	0.22521	390	390		0 MONTH	PIT	1ST		1/31/1996 24 hr
428808	5412548	0.21101	393.59	393.59		0 MONTH	PIT	1ST		1/31/1999 24 hr
430407	5412512	0.19768	389	389		0 MONTH	PIT	1ST		2/29/2000 24 hr
430422	5413312	0.15094	379.63	379.63		0 MONTH	PIT	1ST		12/31/1999 24 hr
431230	5413308	0.1394	376	376		0 MONTH	PIT	1ST		12/31/1998 24 hr
431224	5412901	0.1697	379	379		0 MONTH	PIT	1ST		2/29/2000 24 hr
432035	5412899	0.12028	375.4	375.4		0 MONTH	PIT	1ST		12/31/1998 24 hr
432035	5412495	0.15756	374	374		0 MONTH	PIT	1ST		12/31/1998 24 hr
431223	5412502	0.15258	381	381		0 MONTH	PIT	1ST		12/31/1998 24 hr
431202	5410899	0.18749	382	382		0 MONTH	PIT	1ST		12/31/1998 24 hr
432010	5410893	0.14529	373.96	373.96		0 MONTH	PIT	1ST		12/31/1998 24 hr
431997	5410087	0.18549	378.53	378.53		0 MONTH	PIT	1ST		12/31/2000 24 hr
430381	5410114	0.27944	381	381		0 MONTH	PIT	1ST		12/31/2000 24 hr
430361	5408478	0.23379	377.79	377.79		0 MONTH	PIT	1ST		1/31/1996 24 hr
431008	5408470	0.22813	368.82	368.82		0 MONTH	PIT	1ST		1/31/1996 24 hr
431004	5407564	0.14613	359	359		0 MONTH	PIT	1ST		2/28/1997 24 hr
430203	5407573	0.19009	361	361		0 MONTH	PIT	1ST		1/31/2000 24 hr
430222	5408485	0.23306	378.03	378.03		0 MONTH	PIT	1ST		1/31/1996 24 hr
429414	5408504	0.26161	382.51	382.51		0 MONTH	PIT	1ST		1/31/1998 24 hr
429425	5408830	0.33502	383	383		0 MONTH	PIT	1ST		1/31/1996 24 hr
429102	5408830	0.31457	389	389		0 MONTH	PIT	1ST		1/31/1996 24 hr
429093	5408498	0.285	387	387		0 MONTH	PIT	1ST		2/28/1997 24 hr
429431	5408490	0.25993	382	382		0 MONTH	PIT	1ST		1/31/1998 24 hr
429422	5407591	0.22596	359	359		0 MONTH	PIT	1ST		1/31/2000 24 hr
428564	5407591	0.31926	368.54	368.54		0 MONTH	PIT	1ST		12/31/1997 24 hr
427718	5407601	0.54633	366.38	366.38		0 MONTH	PIT	1ST		12/31/1997 24 hr
427720	5407741	0.56419	366.75	366.75		0 MONTH	PIT	1ST		12/31/1997 24 hr
427700	5407741	0.57181	366	366		0 MONTH	PIT	1ST		12/31/1997 24 hr
426917	5407750	0.54644	351.89	351.89		0 MONTH	PIT	1ST		12/31/1997 24 hr
426068	5407740	0.45525	379.31	379.31		0 MONTH	PIT	1ST		12/31/2000 24 hr
425276	5407752	0.84568	361	361		0 MONTH	PIT	1ST		12/31/2000 24 hr
425245	5406949	0.53478	370	370		0 MONTH	PIT	1ST		12/31/2000 24 hr
424422	5406973	0.38921	365	365		0 MONTH	PIT	1ST		12/31/2000 24 hr
424461	5407786	0.51763	368.75	378		0 MONTH	PIT	1ST		12/31/2000 24 hr
424499	5408579	0.83723	348	348		0 MONTH	PIT	1ST		1/31/1999 24 hr
420692	5408632	0.20233	343.53	343.53		0 MONTH	PIT	1ST		1/31/1998 24 hr
420705	5409438	0.20718	353	353		0 MONTH	PIT	1ST		1/31/1998 24 hr
419681	5409454	0.14954	351.75	351.75		0 MONTH	PIT	1ST		1/31/1998 24 hr
419677	5411057	0.14878	357.98	357.98		0 MONTH	PIT	1ST		1/31/1998 24 hr
418061	5411078	0.11609	349	349		0 MONTH	PIT	1ST		1/31/1998 24 hr
418099	5413503	0.07025	366	366		0 MONTH	PIT	1ST		12/31/1997 24 hr
418914	5413492	0.07176	369.53	369.53		0 MONTH	PIT	1ST		1/31/1998 24 hr
418914	5413081	0.0886	372.14	372.14		0 MONTH	PIT	1ST		12/31/1997 24 hr
419710	5413071	0.08824	380	380		0 MONTH	PIT	1ST		1/31/1998 24 hr
419711	5413468	0.08042	378	378		0 MONTH	PIT	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	415889	5407356	0.01864	340	340	0 ANNUAL	PIT	5	
PINEGEN	415889	5407406	0.01876	340	340	0 ANNUAL	PIT	5	
PINEGEN	415889	5407456	0.01888	340	340	0 ANNUAL	PIT	5	
PINEGEN	415889	5407506	0.019	340	340	0 ANNUAL	PIT	5	
PINEGEN	415889	5407556	0.01911	340	340	0 ANNUAL	PIT	5	
PINEGEN	415889	5407606	0.01921	340	340	0 ANNUAL	PIT	5	
PINEGEN	415939	5407356	0.01876	340	340	0 ANNUAL	PIT	5	
PINEGEN	415939	5407406	0.01888	340	340	0 ANNUAL	PIT	5	
PINEGEN	415939	5407456	0.019	340	340	0 ANNUAL	PIT	5	
PINEGEN	415939	5407506	0.01912	340	340	0 ANNUAL	PIT	5	
PINEGEN	415939	5407556	0.01923	340	340	0 ANNUAL	PIT	5	
PINEGEN	415939	5407606	0.01934	340	340	0 ANNUAL	PIT	5	
PINEGEN	415989	5407356	0.01888	340	340	0 ANNUAL	PIT	5	
PINEGEN	415989	5407406	0.019	340	340	0 ANNUAL	PIT	5	
PINEGEN	415989	5407456	0.01913	340	340	0 ANNUAL	PIT	5	
PINEGEN	415989	5407506	0.01925	340	340	0 ANNUAL	PIT	5	
PINEGEN	415989	5407556	0.01936	340	340	0 ANNUAL	PIT	5	
PINEGEN	415989	5407606	0.01947	340	340	0 ANNUAL	PIT	5	
PINEGEN	415739	5406656	0.01776	343	343	0 ANNUAL	PIT	5	
PINEGEN	415739	5406606	0.01783	344	344	0 ANNUAL	PIT	5	
PINEGEN	415789	5406656	0.01793	343.4	343.4	0 ANNUAL	PIT	5	
PINEGEN	415789	5406606	0.018	344	344	0 ANNUAL	PIT	5	
PINEGEN	415839	5406656	0.0181	344	344	0 ANNUAL	PIT	5	
PINEGEN	415839	5406606	0.01817	344	344	0 ANNUAL	PIT	5	
PINEGEN	415889	5407306	0.01852	340	340	0 ANNUAL	PIT	5	
PINEGEN	415889	5407256	0.01841	340.39	340.39	0 ANNUAL	PIT	5	
PINEGEN	415889	5407206	0.01832	341	341	0 ANNUAL	PIT	5	
PINEGEN	415889	5407156	0.01823	341	341	0 ANNUAL	PIT	5	
PINEGEN	415889	5407106	0.01816	341	341	0 ANNUAL	PIT	5	
PINEGEN	415889	5406656	0.01827	343.32	343.32	0 ANNUAL	PIT	5	
PINEGEN	415889	5406606	0.01835	343.86	343.86	0 ANNUAL	PIT	5	
PINEGEN	415939	5407306	0.01864	340	340	0 ANNUAL	PIT	5	
PINEGEN	415939	5407256	0.01854	341	341	0 ANNUAL	PIT	5	
PINEGEN	415939	5407206	0.01844	341	341	0 ANNUAL	PIT	5	
PINEGEN	415939	5407156	0.01836	341	341	0 ANNUAL	PIT	5	
PINEGEN	415939	5407106	0.01829	341	341	0 ANNUAL	PIT	5	
PINEGEN	415939	5406656	0.01844	343	343	0 ANNUAL	PIT	5	
PINEGEN	415939	5406606	0.01852	343	343	0 ANNUAL	PIT	5	
PINEGEN	415989	5407306	0.01877	340.32	340.32	0 ANNUAL	PIT	5	
PINEGEN	415989	5407256	0.01867	341	341	0 ANNUAL	PIT	5	
PINEGEN	415989	5407206	0.01857	341	341	0 ANNUAL	PIT	5	
PINEGEN	415989	5407156	0.01849	341	341	0 ANNUAL	PIT	5	
PINEGEN	415989	5407106	0.01843	341.38	341.38	0 ANNUAL	PIT	5	
PINEGEN	415989	5406656	0.01862	343	343	0 ANNUAL	PIT	5	
PINEGEN	415989	5406606	0.0187	343	343	0 ANNUAL	PIT	5	
PINEGEN	415689	5406656	0.01759	343	343	0 ANNUAL	PIT	5	
PINEGEN	415689	5406606	0.01766	344	344	0 ANNUAL	PIT	5	
PINEGEN	415639	5406656	0.01743	343	343	0 ANNUAL	PIT	5	
PINEGEN	415639	5406606	0.0175	344	344	0 ANNUAL	PIT	5	
PINEGEN	415589	5406656	0.01727	343	343	0 ANNUAL	PIT	5	
PINEGEN	415589	5406606	0.01733	343.6	343.6	0 ANNUAL	PIT	5	
PINEGEN	415539	5406656	0.01712	343	343	0 ANNUAL	PIT	5	
PINEGEN	415539	5406606	0.01717	343	343	0 ANNUAL	PIT	5	

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Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	415489	5406656	0.01697	343	343	0 ANNUAL	PIT	5	
PINEGEN	415489	5406606	0.01702	343	343	0 ANNUAL	PIT	5	
PINEGEN	414989	5408006	0.01676	344	344	0 ANNUAL	PIT	5	
PINEGEN	414989	5408106	0.01662	344.02	344.02	0 ANNUAL	PIT	5	
PINEGEN	415089	5408006	0.01704	344	344	0 ANNUAL	PIT	5	
PINEGEN	415089	5408106	0.0169	344.63	344.63	0 ANNUAL	PIT	5	
PINEGEN	415189	5408006	0.01732	344	344	0 ANNUAL	PIT	5	
PINEGEN	415189	5408106	0.01718	344	344	0 ANNUAL	PIT	5	
PINEGEN	415289	5408006	0.01761	344	344	0 ANNUAL	PIT	5	
PINEGEN	415289	5408106	0.01748	344	344	0 ANNUAL	PIT	5	
PINEGEN	415389	5408006	0.0179	343	343	0 ANNUAL	PIT	5	
PINEGEN	415389	5408106	0.01778	344	344	0 ANNUAL	PIT	5	
PINEGEN	415489	5408006	0.0182	343	343	0 ANNUAL	PIT	5	
PINEGEN	415489	5408106	0.01808	344	344	0 ANNUAL	PIT	5	
PINEGEN	415589	5408006	0.01851	343	343	0 ANNUAL	PIT	5	
PINEGEN	415589	5408106	0.0184	343.95	343.95	0 ANNUAL	PIT	5	
PINEGEN	415689	5408006	0.01882	342.7	342.7	0 ANNUAL	PIT	5	
PINEGEN	415689	5408106	0.01871	343.02	343.02	0 ANNUAL	PIT	5	
PINEGEN	415789	5408006	0.01914	342	342	0 ANNUAL	PIT	5	
PINEGEN	415789	5408106	0.01904	343	343	0 ANNUAL	PIT	5	
PINEGEN	415889	5407706	0.01937	341	341	0 ANNUAL	PIT	5	
PINEGEN	415889	5407806	0.01947	341	341	0 ANNUAL	PIT	5	
PINEGEN	415889	5408006	0.01946	342	342	0 ANNUAL	PIT	5	
PINEGEN	415889	5408106	0.01937	343	343	0 ANNUAL	PIT	5	
PINEGEN	415989	5407706	0.01965	340	340	0 ANNUAL	PIT	5	
PINEGEN	415989	5407806	0.01976	340	340	0 ANNUAL	PIT	5	
PINEGEN	415989	5407906	0.01982	341	341	0 ANNUAL	PIT	5	
PINEGEN	415989	5408006	0.01979	341.44	341.44	0 ANNUAL	PIT	5	
PINEGEN	415989	5408106	0.01971	342	342	0 ANNUAL	PIT	5	
PINEGEN	416089	5407706	0.01993	340	340	0 ANNUAL	PIT	5	
PINEGEN	416089	5407806	0.02007	340	340	0 ANNUAL	PIT	5	
PINEGEN	416089	5407906	0.02013	340.64	340.64	0 ANNUAL	PIT	5	
PINEGEN	416089	5408006	0.02013	341	341	0 ANNUAL	PIT	5	
PINEGEN	416089	5408106	0.02006	342	342	0 ANNUAL	PIT	5	
PINEGEN	416189	5407706	0.02022	340	340	0 ANNUAL	PIT	5	
PINEGEN	416189	5407806	0.02038	340	340	0 ANNUAL	PIT	5	
PINEGEN	416189	5407906	0.02046	340	340	0 ANNUAL	PIT	5	
PINEGEN	416189	5408006	0.02047	341	341	0 ANNUAL	PIT	5	
PINEGEN	416189	5408106	0.02041	342	342	0 ANNUAL	PIT	5	
PINEGEN	416289	5407706	0.02051	340	340	0 ANNUAL	PIT	5	
PINEGEN	416289	5407806	0.02069	340	340	0 ANNUAL	PIT	5	
PINEGEN	416289	5407906	0.02079	340	340	0 ANNUAL	PIT	5	
PINEGEN	416289	5408006	0.02082	341	341	0 ANNUAL	PIT	5	
PINEGEN	416289	5408106	0.02077	341.4	341.4	0 ANNUAL	PIT	5	
PINEGEN	416389	5407706	0.02081	340	340	0 ANNUAL	PIT	5	
PINEGEN	416389	5407806	0.021	340	340	0 ANNUAL	PIT	5	
PINEGEN	416389	5407906	0.02112	340	340	0 ANNUAL	PIT	5	
PINEGEN	416389	5408006	0.02117	340.05	340.05	0 ANNUAL	PIT	5	
PINEGEN	416389	5408106	0.02114	341	341	0 ANNUAL	PIT	5	
PINEGEN	416489	5407706	0.02111	340	340	0 ANNUAL	PIT	5	
PINEGEN	416489	5407806	0.02132	340	340	0 ANNUAL	PIT	5	
PINEGEN	416489	5407906	0.02146	340	340	0 ANNUAL	PIT	5	
PINEGEN	416489	5408006	0.02153	340	340	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	416489	5408106	0.02151	340.58	340.58	0 ANNUAL	PIT	5	
PINEGEN	416089	5407606	0.01974	340	340	0 ANNUAL	PIT	5	
PINEGEN	416089	5407506	0.0195	340	340	0 ANNUAL	PIT	5	
PINEGEN	416089	5407406	0.01926	340	340	0 ANNUAL	PIT	5	
PINEGEN	416089	5407306	0.01903	341	341	0 ANNUAL	PIT	5	
PINEGEN	416089	5407206	0.01884	341	341	0 ANNUAL	PIT	5	
PINEGEN	416089	5407106	0.01872	342	342	0 ANNUAL	PIT	5	
PINEGEN	416089	5406606	0.01909	344	344	0 ANNUAL	PIT	5	
PINEGEN	416089	5406506	0.01927	344.9	344.9	0 ANNUAL	PIT	5	
PINEGEN	416089	5406406	0.01944	345	345	0 ANNUAL	PIT	5	
PINEGEN	416089	5406306	0.01959	345	345	0 ANNUAL	PIT	5	
PINEGEN	416089	5406206	0.01973	346	346	0 ANNUAL	PIT	5	
PINEGEN	416089	5406106	0.01984	346.07	346.07	0 ANNUAL	PIT	5	
PINEGEN	416189	5407606	0.02001	340	340	0 ANNUAL	PIT	5	
PINEGEN	416189	5407506	0.01977	340	340	0 ANNUAL	PIT	5	
PINEGEN	416189	5407406	0.01952	340.88	340.88	0 ANNUAL	PIT	5	
PINEGEN	416189	5407306	0.0193	341	341	0 ANNUAL	PIT	5	
PINEGEN	416189	5407206	0.01912	341	341	0 ANNUAL	PIT	5	
PINEGEN	416189	5407106	0.01902	342	342	0 ANNUAL	PIT	5	
PINEGEN	416189	5406606	0.01948	344.4	344.4	0 ANNUAL	PIT	5	
PINEGEN	416189	5406506	0.01966	345	345	0 ANNUAL	PIT	5	
PINEGEN	416189	5406406	0.01983	345.2	345.2	0 ANNUAL	PIT	5	
PINEGEN	416189	5406306	0.01998	346	346	0 ANNUAL	PIT	5	
PINEGEN	416189	5406206	0.02011	346.79	346.79	0 ANNUAL	PIT	5	
PINEGEN	416189	5406106	0.02022	347	347	0 ANNUAL	PIT	5	
PINEGEN	416289	5407606	0.02029	340	340	0 ANNUAL	PIT	5	
PINEGEN	416289	5407506	0.02003	340	340	0 ANNUAL	PIT	5	
PINEGEN	416289	5407406	0.01979	340.81	340.81	0 ANNUAL	PIT	5	
PINEGEN	416289	5407306	0.01957	341	341	0 ANNUAL	PIT	5	
PINEGEN	416289	5407206	0.01941	341.41	341.41	0 ANNUAL	PIT	5	
PINEGEN	416289	5407106	0.01933	342	342	0 ANNUAL	PIT	5	
PINEGEN	416289	5407006	0.01933	343	343	0 ANNUAL	PIT	5	
PINEGEN	416289	5406906	0.0194	343	343	0 ANNUAL	PIT	5	
PINEGEN	416289	5406806	0.01953	344	344	0 ANNUAL	PIT	5	
PINEGEN	416289	5406706	0.01969	344	344	0 ANNUAL	PIT	5	
PINEGEN	416289	5406606	0.01988	345	345	0 ANNUAL	PIT	5	
PINEGEN	416289	5406506	0.02006	345	345	0 ANNUAL	PIT	5	
PINEGEN	416289	5406406	0.02023	346	346	0 ANNUAL	PIT	5	
PINEGEN	416289	5406306	0.02037	346	346	0 ANNUAL	PIT	5	
PINEGEN	416289	5406206	0.0205	347	347	0 ANNUAL	PIT	5	
PINEGEN	416289	5406106	0.0206	347	347	0 ANNUAL	PIT	5	
PINEGEN	416389	5407606	0.02057	340	340	0 ANNUAL	PIT	5	
PINEGEN	416389	5407506	0.02031	340	340	0 ANNUAL	PIT	5	
PINEGEN	416389	5407406	0.02007	341	341	0 ANNUAL	PIT	5	
PINEGEN	416389	5407306	0.01986	341	341	0 ANNUAL	PIT	5	
PINEGEN	416389	5407206	0.01973	342	342	0 ANNUAL	PIT	5	
PINEGEN	416389	5407106	0.01966	342	342	0 ANNUAL	PIT	5	
PINEGEN	416389	5407006	0.01969	343	343	0 ANNUAL	PIT	5	
PINEGEN	416389	5406906	0.01978	343	343	0 ANNUAL	PIT	5	
PINEGEN	416389	5406806	0.01992	344	344	0 ANNUAL	PIT	5	
PINEGEN	416389	5406706	0.0201	344	344	0 ANNUAL	PIT	5	
PINEGEN	416389	5406606	0.02029	345	345	0 ANNUAL	PIT	5	
PINEGEN	416389	5406506	0.02047	345	345	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole   Averagin	Source Gr	Num Year	Net ID
PINEGEN	416389	5406406	0.02063	345	345	0 ANNUAL PIT		5
PINEGEN	416389	5406306	0.02077	345.75	345.75	0 ANNUAL PIT		5
PINEGEN	416389	5406206	0.02089	346	346	0 ANNUAL PIT		5
PINEGEN	416389	5406106	0.02097	346	346	0 ANNUAL PIT		5
PINEGEN	416489	5407606	0.02086	340	340	0 ANNUAL PIT		5
PINEGEN	416489	5407506	0.02059	340	340	0 ANNUAL PIT		5
PINEGEN	416489	5407406	0.02036	341	341	0 ANNUAL PIT		5
PINEGEN	416489	5407306	0.02016	341	341	0 ANNUAL PIT		5
PINEGEN	416489	5407206	0.02005	342	342	0 ANNUAL PIT		5
PINEGEN	416489	5407106	0.02001	342	342	0 ANNUAL PIT		5
PINEGEN	416489	5407006	0.02006	343	343	0 ANNUAL PIT		5
PINEGEN	416489	5406906	0.02017	343	343	0 ANNUAL PIT		5
PINEGEN	416489	5406806	0.02033	344	344	0 ANNUAL PIT		5
PINEGEN	416489	5406706	0.02052	344	344	0 ANNUAL PIT		5
PINEGEN	416489	5406606	0.0207	344	344	0 ANNUAL PIT		5
PINEGEN	416489	5406506	0.02088	344	344	0 ANNUAL PIT		5
PINEGEN	416489	5406406	0.02104	344	344	0 ANNUAL PIT		5
PINEGEN	416489	5406306	0.02117	344	344	0 ANNUAL PIT		5
PINEGEN	416489	5406206	0.02128	344.51	344.51	0 ANNUAL PIT		5
PINEGEN	416489	5406106	0.02136	345	345	0 ANNUAL PIT		5
PINEGEN	415989	5406506	0.01888	344	344	0 ANNUAL PIT		5
PINEGEN	415989	5406406	0.01905	344	344	0 ANNUAL PIT		5
PINEGEN	415989	5406306	0.01922	345	345	0 ANNUAL PIT		5
PINEGEN	415989	5406206	0.01935	345	345	0 ANNUAL PIT		5
PINEGEN	415989	5406106	0.01948	346	346	0 ANNUAL PIT		5
PINEGEN	415889	5406506	0.01851	344	344	0 ANNUAL PIT		5
PINEGEN	415889	5406406	0.01868	344.45	344.45	0 ANNUAL PIT		5
PINEGEN	415889	5406306	0.01885	344.72	344.72	0 ANNUAL PIT		5
PINEGEN	415889	5406206	0.01899	345	345	0 ANNUAL PIT		5
PINEGEN	415889	5406106	0.01911	345	345	0 ANNUAL PIT		5
PINEGEN	415789	5406506	0.01815	344	344	0 ANNUAL PIT		5
PINEGEN	415789	5406406	0.01833	345	345	0 ANNUAL PIT		5
PINEGEN	415789	5406306	0.01849	345.63	345.63	0 ANNUAL PIT		5
PINEGEN	415789	5406206	0.01864	346	346	0 ANNUAL PIT		5
PINEGEN	415789	5406106	0.01877	346	346	0 ANNUAL PIT		5
PINEGEN	415689	5406506	0.01781	344.06	344.06	0 ANNUAL PIT		5
PINEGEN	415689	5406406	0.01797	345	345	0 ANNUAL PIT		5
PINEGEN	415689	5406306	0.01814	345	345	0 ANNUAL PIT		5
PINEGEN	415689	5406206	0.01829	346	346	0 ANNUAL PIT		5
PINEGEN	415689	5406106	0.01843	346	346	0 ANNUAL PIT		5
PINEGEN	415589	5406506	0.01747	344	344	0 ANNUAL PIT		5
PINEGEN	415589	5406406	0.01763	344	344	0 ANNUAL PIT		5
PINEGEN	415589	5406306	0.01779	345	345	0 ANNUAL PIT		5
PINEGEN	415589	5406206	0.01795	346	346	0 ANNUAL PIT		5
PINEGEN	415589	5406106	0.01809	346	346	0 ANNUAL PIT		5
PINEGEN	415489	5406506	0.01714	343.44	343.44	0 ANNUAL PIT		5
PINEGEN	415489	5406406	0.01729	344	344	0 ANNUAL PIT		5
PINEGEN	415489	5406306	0.01746	345	345	0 ANNUAL PIT		5
PINEGEN	415489	5406206	0.01761	345	345	0 ANNUAL PIT		5
PINEGEN	415489	5406106	0.01776	345.84	345.84	0 ANNUAL PIT		5
PINEGEN	415389	5406206	0.01729	345	345	0 ANNUAL PIT		5
PINEGEN	415389	5406106	0.01743	345	345	0 ANNUAL PIT		5
PINEGEN	415289	5406206	0.01696	344	344	0 ANNUAL PIT		5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	415289	5406106	0.01711	345	345	0 ANNUAL	PIT	5	
PINEGEN	415189	5406206	0.01665	344	344	0 ANNUAL	PIT	5	
PINEGEN	415189	5406106	0.0168	344.65	344.65	0 ANNUAL	PIT	5	
PINEGEN	415089	5406206	0.01634	344	344	0 ANNUAL	PIT	5	
PINEGEN	415089	5406106	0.0165	344.72	344.72	0 ANNUAL	PIT	5	
PINEGEN	414989	5406206	0.01605	344	344	0 ANNUAL	PIT	5	
PINEGEN	414989	5406106	0.01619	344	344	0 ANNUAL	PIT	5	
PINEGEN	414889	5406206	0.01576	343	343	0 ANNUAL	PIT	5	
PINEGEN	414889	5406106	0.0159	343	343	0 ANNUAL	PIT	5	
PINEGEN	414789	5406206	0.01547	342	342	0 ANNUAL	PIT	5	
PINEGEN	414789	5406106	0.01561	342	342	0 ANNUAL	PIT	5	
PINEGEN	414689	5406206	0.01519	341	341	0 ANNUAL	PIT	5	
PINEGEN	414689	5406106	0.01533	342	342	0 ANNUAL	PIT	5	
PINEGEN	414589	5406506	0.01471	340	340	0 ANNUAL	PIT	5	
PINEGEN	414589	5406406	0.01474	341	341	0 ANNUAL	PIT	5	
PINEGEN	414589	5406306	0.01482	341	341	0 ANNUAL	PIT	5	
PINEGEN	414589	5406206	0.01493	341.73	341.73	0 ANNUAL	PIT	5	
PINEGEN	414589	5406106	0.01506	342	342	0 ANNUAL	PIT	5	
PINEGEN	414489	5406506	0.01449	340	340	0 ANNUAL	PIT	5	
PINEGEN	414489	5406406	0.01451	341	341	0 ANNUAL	PIT	5	
PINEGEN	414489	5406306	0.01458	341	341	0 ANNUAL	PIT	5	
PINEGEN	414489	5406206	0.01468	341.8	341.8	0 ANNUAL	PIT	5	
PINEGEN	414489	5406106	0.0148	342	342	0 ANNUAL	PIT	5	
PINEGEN	414889	5408006	0.01649	344	344	0 ANNUAL	PIT	5	
PINEGEN	414889	5408106	0.01635	344	344	0 ANNUAL	PIT	5	
PINEGEN	414789	5408006	0.01622	343.11	343.11	0 ANNUAL	PIT	5	
PINEGEN	414789	5408106	0.01608	344	344	0 ANNUAL	PIT	5	
PINEGEN	414689	5408006	0.01596	343	343	0 ANNUAL	PIT	5	
PINEGEN	414689	5408106	0.01582	344	344	0 ANNUAL	PIT	5	
PINEGEN	414589	5406606	0.01472	340	340	0 ANNUAL	PIT	5	
PINEGEN	414589	5406706	0.0148	340	340	0 ANNUAL	PIT	5	
PINEGEN	414589	5406806	0.01492	340	340	0 ANNUAL	PIT	5	
PINEGEN	414589	5406906	0.01508	340	340	0 ANNUAL	PIT	5	
PINEGEN	414589	5407006	0.01527	340	340	0 ANNUAL	PIT	5	
PINEGEN	414589	5407906	0.01583	342.66	342.66	0 ANNUAL	PIT	5	
PINEGEN	414589	5408006	0.01571	343	343	0 ANNUAL	PIT	5	
PINEGEN	414589	5408106	0.01557	344	344	0 ANNUAL	PIT	5	
PINEGEN	414489	5406606	0.01453	340	340	0 ANNUAL	PIT	5	
PINEGEN	414489	5406706	0.01461	340	340	0 ANNUAL	PIT	5	
PINEGEN	414489	5406806	0.01475	340	340	0 ANNUAL	PIT	5	
PINEGEN	414489	5406906	0.01492	340	340	0 ANNUAL	PIT	5	
PINEGEN	414489	5407006	0.01511	340	340	0 ANNUAL	PIT	5	
PINEGEN	414489	5407906	0.01559	343	343	0 ANNUAL	PIT	5	
PINEGEN	414489	5408006	0.01546	343	343	0 ANNUAL	PIT	5	
PINEGEN	414489	5408106	0.01532	344	344	0 ANNUAL	PIT	5	
PINEGEN	414489	5408306	0.01504	345	345	0 ANNUAL	PIT	5	
PINEGEN	414489	5408506	0.01479	346	346	0 ANNUAL	PIT	5	
PINEGEN	414489	5408706	0.01462	347	347	0 ANNUAL	PIT	5	
PINEGEN	414489	5408906	0.01455	348	348	0 ANNUAL	PIT	5	
PINEGEN	414489	5409106	0.01459	349	349	0 ANNUAL	PIT	5	
PINEGEN	414689	5408306	0.01553	345	345	0 ANNUAL	PIT	5	
PINEGEN	414689	5408506	0.01526	345.63	345.63	0 ANNUAL	PIT	5	
PINEGEN	414689	5408706	0.01506	346.26	346.26	0 ANNUAL	PIT	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	414689	5408906	0.01498	347.9	347.9	0 ANNUAL	PIT	5	
PINEGEN	414689	5409106	0.01501	349	349	0 ANNUAL	PIT	5	
PINEGEN	414889	5408306	0.01604	345	345	0 ANNUAL	PIT	5	
PINEGEN	414889	5408506	0.01576	346	346	0 ANNUAL	PIT	5	
PINEGEN	414889	5408706	0.01554	347	347	0 ANNUAL	PIT	5	
PINEGEN	414889	5408906	0.01543	347.03	347.03	0 ANNUAL	PIT	5	
PINEGEN	414889	5409106	0.01545	348	348	0 ANNUAL	PIT	5	
PINEGEN	415089	5408306	0.01659	345	345	0 ANNUAL	PIT	5	
PINEGEN	415089	5408506	0.01628	346	346	0 ANNUAL	PIT	5	
PINEGEN	415089	5408706	0.01604	347	347	0 ANNUAL	PIT	5	
PINEGEN	415089	5408906	0.01591	348	348	0 ANNUAL	PIT	5	
PINEGEN	415089	5409106	0.01592	349	349	0 ANNUAL	PIT	5	
PINEGEN	415289	5408306	0.01716	345	345	0 ANNUAL	PIT	5	
PINEGEN	415289	5408506	0.01683	346	346	0 ANNUAL	PIT	5	
PINEGEN	415289	5408706	0.01657	347	347	0 ANNUAL	PIT	5	
PINEGEN	415289	5408906	0.01642	348	348	0 ANNUAL	PIT	5	
PINEGEN	415289	5409106	0.01641	349	349	0 ANNUAL	PIT	5	
PINEGEN	415489	5408306	0.01776	345	345	0 ANNUAL	PIT	5	
PINEGEN	415489	5408506	0.01742	346	346	0 ANNUAL	PIT	5	
PINEGEN	415489	5408706	0.01713	347	347	0 ANNUAL	PIT	5	
PINEGEN	415489	5408906	0.01695	348	348	0 ANNUAL	PIT	5	
PINEGEN	415489	5409106	0.01692	349	349	0 ANNUAL	PIT	5	
PINEGEN	415689	5408306	0.01839	344	344	0 ANNUAL	PIT	5	
PINEGEN	415689	5408506	0.01803	346	346	0 ANNUAL	PIT	5	
PINEGEN	415689	5408706	0.01772	347	347	0 ANNUAL	PIT	5	
PINEGEN	415689	5408906	0.01752	348.55	348.55	0 ANNUAL	PIT	5	
PINEGEN	415689	5409106	0.01747	350	350	0 ANNUAL	PIT	5	
PINEGEN	415889	5408306	0.01905	343	343	0 ANNUAL	PIT	5	
PINEGEN	415889	5408506	0.01867	344	344	0 ANNUAL	PIT	5	
PINEGEN	415889	5408706	0.01835	347	347	0 ANNUAL	PIT	5	
PINEGEN	415889	5408906	0.01812	349	349	0 ANNUAL	PIT	5	
PINEGEN	415889	5409106	0.01805	350	350	0 ANNUAL	PIT	5	
PINEGEN	416089	5408306	0.01976	343	343	0 ANNUAL	PIT	5	
PINEGEN	416089	5408506	0.01935	342	342	0 ANNUAL	PIT	5	
PINEGEN	416089	5408706	0.019	345	345	0 ANNUAL	PIT	5	
PINEGEN	416089	5408906	0.01875	347.97	347.97	0 ANNUAL	PIT	5	
PINEGEN	416089	5409106	0.01866	350	350	0 ANNUAL	PIT	5	
PINEGEN	416289	5408306	0.02049	342	342	0 ANNUAL	PIT	5	
PINEGEN	416289	5408506	0.02009	342	342	0 ANNUAL	PIT	5	
PINEGEN	416289	5408706	0.01968	342	342	0 ANNUAL	PIT	5	
PINEGEN	416289	5408906	0.01942	346.94	346.94	0 ANNUAL	PIT	5	
PINEGEN	416289	5409106	0.01931	350	350	0 ANNUAL	PIT	5	
PINEGEN	416489	5408306	0.02128	341.92	341.92	0 ANNUAL	PIT	5	
PINEGEN	416489	5408506	0.02087	343	343	0 ANNUAL	PIT	5	
PINEGEN	416489	5408706	0.02046	345.23	345.23	0 ANNUAL	PIT	5	
PINEGEN	416489	5408906	0.02015	348	348	0 ANNUAL	PIT	5	
PINEGEN	416489	5409106	0.01999	350	350	0 ANNUAL	PIT	5	
PINEGEN	416689	5408306	0.02212	344	344	0 ANNUAL	PIT	5	
PINEGEN	416689	5408506	0.02173	345.73	345.73	0 ANNUAL	PIT	5	
PINEGEN	416689	5408706	0.02128	347	347	0 ANNUAL	PIT	5	
PINEGEN	416689	5408906	0.02092	348	348	0 ANNUAL	PIT	5	
PINEGEN	416689	5409106	0.02072	349	349	0 ANNUAL	PIT	5	
PINEGEN	416889	5408306	0.02299	344	344	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	416889	5408506	0.0226	345	345	0 ANNUAL	PIT	5	
PINEGEN	416889	5408706	0.02212	345.23	345.23	0 ANNUAL	PIT	5	
PINEGEN	416889	5408906	0.02172	346	346	0 ANNUAL	PIT	5	
PINEGEN	416889	5409106	0.02148	347	347	0 ANNUAL	PIT	5	
PINEGEN	417089	5408306	0.02387	342	342	0 ANNUAL	PIT	5	
PINEGEN	417089	5408506	0.0235	342	342	0 ANNUAL	PIT	5	
PINEGEN	417089	5408706	0.02301	343	343	0 ANNUAL	PIT	5	
PINEGEN	417089	5408906	0.02256	343.45	343.45	0 ANNUAL	PIT	5	
PINEGEN	417089	5409106	0.0223	345	345	0 ANNUAL	PIT	5	
PINEGEN	417289	5408306	0.02483	342.14	342.14	0 ANNUAL	PIT	5	
PINEGEN	417289	5408506	0.0245	343.33	343.33	0 ANNUAL	PIT	5	
PINEGEN	417289	5408706	0.02399	344	344	0 ANNUAL	PIT	5	
PINEGEN	417289	5408906	0.02351	345	345	0 ANNUAL	PIT	5	
PINEGEN	417289	5409106	0.02319	345	345	0 ANNUAL	PIT	5	
PINEGEN	417489	5408306	0.02583	343	343	0 ANNUAL	PIT	5	
PINEGEN	417489	5408506	0.02555	344	344	0 ANNUAL	PIT	5	
PINEGEN	417489	5408706	0.02503	344.08	344.08	0 ANNUAL	PIT	5	
PINEGEN	417489	5408906	0.02451	345	345	0 ANNUAL	PIT	5	
PINEGEN	417489	5409106	0.02415	346	346	0 ANNUAL	PIT	5	
PINEGEN	416689	5408106	0.02231	342.72	342.72	0 ANNUAL	PIT	5	
PINEGEN	416689	5407906	0.02217	341	341	0 ANNUAL	PIT	5	
PINEGEN	416689	5407706	0.02173	340	340	0 ANNUAL	PIT	5	
PINEGEN	416689	5407506	0.02119	340	340	0 ANNUAL	PIT	5	
PINEGEN	416689	5407306	0.02081	340.88	340.88	0 ANNUAL	PIT	5	
PINEGEN	416689	5407106	0.02075	341	341	0 ANNUAL	PIT	5	
PINEGEN	416689	5406906	0.021	342	342	0 ANNUAL	PIT	5	
PINEGEN	416689	5406706	0.02138	342.88	342.88	0 ANNUAL	PIT	5	
PINEGEN	416689	5406506	0.02174	343.3	343.3	0 ANNUAL	PIT	5	
PINEGEN	416689	5406306	0.02201	344.04	344.04	0 ANNUAL	PIT	5	
PINEGEN	416689	5406106	0.02217	345	345	0 ANNUAL	PIT	5	
PINEGEN	416689	5405906	0.02225	346	346	0 ANNUAL	PIT	5	
PINEGEN	416689	5405706	0.02228	347	347	0 ANNUAL	PIT	5	
PINEGEN	416689	5405506	0.02232	348	348	0 ANNUAL	PIT	5	
PINEGEN	416689	5405306	0.0224	349	349	0 ANNUAL	PIT	5	
PINEGEN	416689	5405106	0.02248	350	350	0 ANNUAL	PIT	5	
PINEGEN	416889	5408106	0.02312	343	343	0 ANNUAL	PIT	5	
PINEGEN	416889	5407906	0.02289	341	341	0 ANNUAL	PIT	5	
PINEGEN	416889	5407706	0.02238	340	340	0 ANNUAL	PIT	5	
PINEGEN	416889	5407506	0.02184	340	340	0 ANNUAL	PIT	5	
PINEGEN	416889	5407306	0.02153	340	340	0 ANNUAL	PIT	5	
PINEGEN	416889	5407106	0.02158	341	341	0 ANNUAL	PIT	5	
PINEGEN	416889	5406906	0.02191	342	342	0 ANNUAL	PIT	5	
PINEGEN	416889	5406706	0.02231	343	343	0 ANNUAL	PIT	5	
PINEGEN	416889	5406506	0.02266	344	344	0 ANNUAL	PIT	5	
PINEGEN	416889	5406306	0.02289	345	345	0 ANNUAL	PIT	5	
PINEGEN	416889	5406106	0.02302	345	345	0 ANNUAL	PIT	5	
PINEGEN	416889	5405906	0.02307	346	346	0 ANNUAL	PIT	5	
PINEGEN	416889	5405706	0.02311	347	347	0 ANNUAL	PIT	5	
PINEGEN	416889	5405506	0.02317	348	348	0 ANNUAL	PIT	5	
PINEGEN	416889	5405306	0.02326	349.09	349.09	0 ANNUAL	PIT	5	
PINEGEN	416889	5405106	0.02332	350.12	350.12	0 ANNUAL	PIT	5	
PINEGEN	417089	5408106	0.02395	342	342	0 ANNUAL	PIT	5	
PINEGEN	417089	5407906	0.02363	341	341	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	417089	5407706	0.02306	340	340	0 ANNUAL	PIT	5	
PINEGEN	417089	5407506	0.02254	340	340	0 ANNUAL	PIT	5	
PINEGEN	417089	5407306	0.02233	340	340	0 ANNUAL	PIT	5	
PINEGEN	417089	5407106	0.02249	341	341	0 ANNUAL	PIT	5	
PINEGEN	417089	5406906	0.02288	342	342	0 ANNUAL	PIT	5	
PINEGEN	417089	5406706	0.02329	343	343	0 ANNUAL	PIT	5	
PINEGEN	417089	5406506	0.02361	344	344	0 ANNUAL	PIT	5	
PINEGEN	417089	5406306	0.02381	345	345	0 ANNUAL	PIT	5	
PINEGEN	417089	5406106	0.02391	346	346	0 ANNUAL	PIT	5	
PINEGEN	417089	5405906	0.02396	347	347	0 ANNUAL	PIT	5	
PINEGEN	417089	5405706	0.02401	347.89	347.89	0 ANNUAL	PIT	5	
PINEGEN	417089	5405506	0.02409	349	349	0 ANNUAL	PIT	5	
PINEGEN	417089	5405306	0.02417	350	350	0 ANNUAL	PIT	5	
PINEGEN	417089	5405106	0.02417	351.14	351.14	0 ANNUAL	PIT	5	
PINEGEN	417289	5408106	0.0248	341	341	0 ANNUAL	PIT	5	
PINEGEN	417289	5407906	0.02438	340	340	0 ANNUAL	PIT	5	
PINEGEN	417289	5407706	0.02378	340	340	0 ANNUAL	PIT	5	
PINEGEN	417289	5407506	0.02332	340	340	0 ANNUAL	PIT	5	
PINEGEN	417289	5407306	0.02323	341	341	0 ANNUAL	PIT	5	
PINEGEN	417289	5407106	0.0235	342	342	0 ANNUAL	PIT	5	
PINEGEN	417289	5406906	0.02393	343	343	0 ANNUAL	PIT	5	
PINEGEN	417289	5406706	0.02432	343.3	343.3	0 ANNUAL	PIT	5	
PINEGEN	417289	5406506	0.0246	344	344	0 ANNUAL	PIT	5	
PINEGEN	417289	5406306	0.02477	345	345	0 ANNUAL	PIT	5	
PINEGEN	417289	5406106	0.02484	346	346	0 ANNUAL	PIT	5	
PINEGEN	417289	5405906	0.02489	347	347	0 ANNUAL	PIT	5	
PINEGEN	417289	5405706	0.02496	348	348	0 ANNUAL	PIT	5	
PINEGEN	417289	5405506	0.02506	349	349	0 ANNUAL	PIT	5	
PINEGEN	417289	5405306	0.0251	350	350	0 ANNUAL	PIT	5	
PINEGEN	417289	5405106	0.025	353	353	0 ANNUAL	PIT	5	
PINEGEN	417489	5408106	0.02571	342	342	0 ANNUAL	PIT	5	
PINEGEN	417489	5407906	0.0252	341	341	0 ANNUAL	PIT	5	
PINEGEN	417489	5407706	0.02457	340	340	0 ANNUAL	PIT	5	
PINEGEN	417489	5407506	0.02418	340	340	0 ANNUAL	PIT	5	
PINEGEN	417489	5407306	0.02422	341	341	0 ANNUAL	PIT	5	
PINEGEN	417489	5407106	0.02457	341.99	341.99	0 ANNUAL	PIT	5	
PINEGEN	417489	5406906	0.02502	342	342	0 ANNUAL	PIT	5	
PINEGEN	417489	5406706	0.0254	343	343	0 ANNUAL	PIT	5	
PINEGEN	417489	5406506	0.02564	344	344	0 ANNUAL	PIT	5	
PINEGEN	417489	5406306	0.02577	345	345	0 ANNUAL	PIT	5	
PINEGEN	417489	5406106	0.02584	346	346	0 ANNUAL	PIT	5	
PINEGEN	417489	5405906	0.0259	347	347	0 ANNUAL	PIT	5	
PINEGEN	417489	5405706	0.02599	348	348	0 ANNUAL	PIT	5	
PINEGEN	417489	5405506	0.02606	348.07	348.07	0 ANNUAL	PIT	5	
PINEGEN	417489	5405306	0.02602	349.95	349.95	0 ANNUAL	PIT	5	
PINEGEN	417489	5405106	0.02578	352.34	352.34	0 ANNUAL	PIT	5	
PINEGEN	416489	5405906	0.02146	346	346	0 ANNUAL	PIT	5	
PINEGEN	416489	5405706	0.02151	347	347	0 ANNUAL	PIT	5	
PINEGEN	416489	5405506	0.02153	348	348	0 ANNUAL	PIT	5	
PINEGEN	416489	5405306	0.02159	349	349	0 ANNUAL	PIT	5	
PINEGEN	416489	5405106	0.02168	350.98	350.98	0 ANNUAL	PIT	5	
PINEGEN	416289	5405906	0.02072	347	347	0 ANNUAL	PIT	5	
PINEGEN	416289	5405706	0.02077	346	346	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	416289	5405506	0.0208	347.84	347.84	0 ANNUAL	PIT	5	
PINEGEN	416289	5405306	0.02084	351.47	351.47	0 ANNUAL	PIT	5	
PINEGEN	416289	5405106	0.02091	359.11	359.11	0 ANNUAL	PIT	5	
PINEGEN	416089	5405906	0.02001	348	348	0 ANNUAL	PIT	5	
PINEGEN	416089	5405706	0.02008	348	348	0 ANNUAL	PIT	5	
PINEGEN	416089	5405506	0.0201	347	347	0 ANNUAL	PIT	5	
PINEGEN	416089	5405306	0.02013	350.6	350.6	0 ANNUAL	PIT	5	
PINEGEN	416089	5405106	0.02017	361	361	0 ANNUAL	PIT	5	
PINEGEN	415889	5405906	0.0193	346	346	0 ANNUAL	PIT	5	
PINEGEN	415889	5405706	0.01941	348	348	0 ANNUAL	PIT	5	
PINEGEN	415889	5405506	0.01945	348	348	0 ANNUAL	PIT	5	
PINEGEN	415889	5405306	0.0195	356.47	356.47	0 ANNUAL	PIT	5	
PINEGEN	415889	5405106	0.0195	360	360	0 ANNUAL	PIT	5	
PINEGEN	415689	5405906	0.01864	347	347	0 ANNUAL	PIT	5	
PINEGEN	415689	5405706	0.01877	348	348	0 ANNUAL	PIT	5	
PINEGEN	415689	5405506	0.01883	348.64	348.64	0 ANNUAL	PIT	5	
PINEGEN	415689	5405306	0.01887	352.29	360	0 ANNUAL	PIT	5	
PINEGEN	415689	5405106	0.01888	357.88	357.88	0 ANNUAL	PIT	5	
PINEGEN	415489	5405906	0.01799	347	347	0 ANNUAL	PIT	5	
PINEGEN	415489	5405706	0.01815	348	348	0 ANNUAL	PIT	5	
PINEGEN	415489	5405506	0.01823	348	348	0 ANNUAL	PIT	5	
PINEGEN	415489	5405306	0.01827	350	350	0 ANNUAL	PIT	5	
PINEGEN	415489	5405106	0.01829	353.88	353.88	0 ANNUAL	PIT	5	
PINEGEN	415289	5405906	0.01736	346	346	0 ANNUAL	PIT	5	
PINEGEN	415289	5405706	0.01754	347	347	0 ANNUAL	PIT	5	
PINEGEN	415289	5405506	0.01765	348	348	0 ANNUAL	PIT	5	
PINEGEN	415289	5405306	0.0177	349	349	0 ANNUAL	PIT	5	
PINEGEN	415289	5405106	0.01772	350	350	0 ANNUAL	PIT	5	
PINEGEN	415089	5405906	0.01676	345.76	345.76	0 ANNUAL	PIT	5	
PINEGEN	415089	5405706	0.01696	345.96	345.96	0 ANNUAL	PIT	5	
PINEGEN	415089	5405506	0.01708	346	346	0 ANNUAL	PIT	5	
PINEGEN	415089	5405306	0.01715	346.52	346.52	0 ANNUAL	PIT	5	
PINEGEN	415089	5405106	0.01718	347.49	347.49	0 ANNUAL	PIT	5	
PINEGEN	414889	5405906	0.01617	343	343	0 ANNUAL	PIT	5	
PINEGEN	414889	5405706	0.01639	344	344	0 ANNUAL	PIT	5	
PINEGEN	414889	5405506	0.01654	344.98	344.98	0 ANNUAL	PIT	5	
PINEGEN	414889	5405306	0.01663	346	346	0 ANNUAL	PIT	5	
PINEGEN	414889	5405106	0.01666	346.01	346.01	0 ANNUAL	PIT	5	
PINEGEN	414689	5405906	0.01561	343	343	0 ANNUAL	PIT	5	
PINEGEN	414689	5405706	0.01585	344	344	0 ANNUAL	PIT	5	
PINEGEN	414689	5405506	0.01601	345	345	0 ANNUAL	PIT	5	
PINEGEN	414689	5405306	0.01612	346	346	0 ANNUAL	PIT	5	
PINEGEN	414689	5405106	0.01618	347	347	0 ANNUAL	PIT	5	
PINEGEN	414489	5405906	0.01508	343	343	0 ANNUAL	PIT	5	
PINEGEN	414489	5405706	0.01532	344	344	0 ANNUAL	PIT	5	
PINEGEN	414489	5405506	0.01551	345	345	0 ANNUAL	PIT	5	
PINEGEN	414489	5405306	0.01564	346	346	0 ANNUAL	PIT	5	
PINEGEN	414489	5405106	0.01571	347	347	0 ANNUAL	PIT	5	
PINEGEN	414289	5405906	0.01456	343	343	0 ANNUAL	PIT	5	
PINEGEN	414289	5405706	0.01482	344	344	0 ANNUAL	PIT	5	
PINEGEN	414289	5405506	0.01502	345.13	345.13	0 ANNUAL	PIT	5	
PINEGEN	414289	5405306	0.01516	346.78	346.78	0 ANNUAL	PIT	5	
PINEGEN	414289	5405106	0.01526	348	348	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	414089	5405906	0.01407	342.01	342.01	0 ANNUAL	PIT	5	
PINEGEN	414089	5405706	0.01433	344	344	0 ANNUAL	PIT	5	
PINEGEN	414089	5405506	0.01454	345	345	0 ANNUAL	PIT	5	
PINEGEN	414089	5405306	0.01471	346.91	346.91	0 ANNUAL	PIT	5	
PINEGEN	414089	5405106	0.01481	348	348	0 ANNUAL	PIT	5	
PINEGEN	413889	5405906	0.0136	342	342	0 ANNUAL	PIT	5	
PINEGEN	413889	5405706	0.01385	343	343	0 ANNUAL	PIT	5	
PINEGEN	413889	5405506	0.01408	345	345	0 ANNUAL	PIT	5	
PINEGEN	413889	5405306	0.01426	346	346	0 ANNUAL	PIT	5	
PINEGEN	413889	5405106	0.01438	346	346	0 ANNUAL	PIT	5	
PINEGEN	413689	5405906	0.01316	341	341	0 ANNUAL	PIT	5	
PINEGEN	413689	5405706	0.01339	342	342	0 ANNUAL	PIT	5	
PINEGEN	413689	5405506	0.01363	344	344	0 ANNUAL	PIT	5	
PINEGEN	413689	5405306	0.01382	344	344	0 ANNUAL	PIT	5	
PINEGEN	413689	5405106	0.01394	343	343	0 ANNUAL	PIT	5	
PINEGEN	413489	5405906	0.01274	341	341	0 ANNUAL	PIT	5	
PINEGEN	413489	5405706	0.01296	341	341	0 ANNUAL	PIT	5	
PINEGEN	413489	5405506	0.0132	342.87	342.87	0 ANNUAL	PIT	5	
PINEGEN	413489	5405306	0.01339	342	342	0 ANNUAL	PIT	5	
PINEGEN	413489	5405106	0.01353	341	341	0 ANNUAL	PIT	5	
PINEGEN	414289	5406106	0.0143	342	342	0 ANNUAL	PIT	5	
PINEGEN	414289	5406306	0.01412	341	341	0 ANNUAL	PIT	5	
PINEGEN	414289	5406506	0.01409	340	340	0 ANNUAL	PIT	5	
PINEGEN	414289	5406706	0.01427	340	340	0 ANNUAL	PIT	5	
PINEGEN	414289	5406906	0.01461	341	341	0 ANNUAL	PIT	5	
PINEGEN	414289	5407906	0.01511	343	343	0 ANNUAL	PIT	5	
PINEGEN	414289	5408106	0.01485	344	344	0 ANNUAL	PIT	5	
PINEGEN	414289	5408306	0.01458	345	345	0 ANNUAL	PIT	5	
PINEGEN	414289	5408506	0.01435	346	346	0 ANNUAL	PIT	5	
PINEGEN	414289	5408706	0.01419	347	347	0 ANNUAL	PIT	5	
PINEGEN	414289	5408906	0.01415	348.63	348.63	0 ANNUAL	PIT	5	
PINEGEN	414289	5409106	0.0142	350	350	0 ANNUAL	PIT	5	
PINEGEN	414089	5406106	0.01383	341	341	0 ANNUAL	PIT	5	
PINEGEN	414089	5406306	0.01369	340	340	0 ANNUAL	PIT	5	
PINEGEN	414089	5406506	0.01373	340	340	0 ANNUAL	PIT	5	
PINEGEN	414089	5406706	0.01396	340.21	340.21	0 ANNUAL	PIT	5	
PINEGEN	414089	5406906	0.0143	341	341	0 ANNUAL	PIT	5	
PINEGEN	414089	5408106	0.01439	344	344	0 ANNUAL	PIT	5	
PINEGEN	414089	5408306	0.01414	345	345	0 ANNUAL	PIT	5	
PINEGEN	414089	5408506	0.01393	346	346	0 ANNUAL	PIT	5	
PINEGEN	414089	5408706	0.01379	347	347	0 ANNUAL	PIT	5	
PINEGEN	414089	5408906	0.01376	348	348	0 ANNUAL	PIT	5	
PINEGEN	414089	5409106	0.01381	349	349	0 ANNUAL	PIT	5	
PINEGEN	413889	5406106	0.01339	341	341	0 ANNUAL	PIT	5	
PINEGEN	413889	5406306	0.01331	340	340	0 ANNUAL	PIT	5	
PINEGEN	413889	5406506	0.01341	341	341	0 ANNUAL	PIT	5	
PINEGEN	413889	5406706	0.01367	342	342	0 ANNUAL	PIT	5	
PINEGEN	413889	5406906	0.01402	343	343	0 ANNUAL	PIT	5	
PINEGEN	413889	5408106	0.01396	344	344	0 ANNUAL	PIT	5	
PINEGEN	413889	5408306	0.01372	345	345	0 ANNUAL	PIT	5	
PINEGEN	413889	5408506	0.01352	346	346	0 ANNUAL	PIT	5	
PINEGEN	413889	5408706	0.0134	347	347	0 ANNUAL	PIT	5	
PINEGEN	413889	5408906	0.01339	348	348	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	413889	5409106	0.01345	349	349	0 ANNUAL	PIT	5	
PINEGEN	413689	5406106	0.01298	340	340	0 ANNUAL	PIT	5	
PINEGEN	413689	5406306	0.01295	340	340	0 ANNUAL	PIT	5	
PINEGEN	413689	5406506	0.0131	341	341	0 ANNUAL	PIT	5	
PINEGEN	413689	5406706	0.0134	343	343	0 ANNUAL	PIT	5	
PINEGEN	413689	5406906	0.01375	344.89	344.89	0 ANNUAL	PIT	5	
PINEGEN	413689	5407106	0.01404	346	346	0 ANNUAL	PIT	5	
PINEGEN	413689	5407306	0.01419	346	346	0 ANNUAL	PIT	5	
PINEGEN	413689	5407506	0.01417	345	345	0 ANNUAL	PIT	5	
PINEGEN	413689	5407706	0.01402	344	344	0 ANNUAL	PIT	5	
PINEGEN	413689	5407906	0.01379	343	343	0 ANNUAL	PIT	5	
PINEGEN	413689	5408106	0.01355	344	344	0 ANNUAL	PIT	5	
PINEGEN	413689	5408306	0.01332	345	345	0 ANNUAL	PIT	5	
PINEGEN	413689	5408506	0.01315	346.97	346.97	0 ANNUAL	PIT	5	
PINEGEN	413689	5408706	0.01304	348	348	0 ANNUAL	PIT	5	
PINEGEN	413689	5408906	0.01303	348.18	348.18	0 ANNUAL	PIT	5	
PINEGEN	413689	5409106	0.01311	351.83	351.83	0 ANNUAL	PIT	5	
PINEGEN	413489	5406106	0.01261	340	340	0 ANNUAL	PIT	5	
PINEGEN	413489	5406306	0.01263	340	340	0 ANNUAL	PIT	5	
PINEGEN	413489	5406506	0.01282	340	340	0 ANNUAL	PIT	5	
PINEGEN	413489	5406706	0.01314	341.66	341.66	0 ANNUAL	PIT	5	
PINEGEN	413489	5406906	0.01348	345	345	0 ANNUAL	PIT	5	
PINEGEN	413489	5407106	0.01373	347	347	0 ANNUAL	PIT	5	
PINEGEN	413489	5407306	0.01384	348	348	0 ANNUAL	PIT	5	
PINEGEN	413489	5407506	0.01379	346.62	346.62	0 ANNUAL	PIT	5	
PINEGEN	413489	5407706	0.01362	345	345	0 ANNUAL	PIT	5	
PINEGEN	413489	5407906	0.0134	344.06	344.06	0 ANNUAL	PIT	5	
PINEGEN	413489	5408106	0.01316	344	344	0 ANNUAL	PIT	5	
PINEGEN	413489	5408306	0.01294	345	345	0 ANNUAL	PIT	5	
PINEGEN	413489	5408506	0.01278	346	346	0 ANNUAL	PIT	5	
PINEGEN	413489	5408706	0.01269	348	348	0 ANNUAL	PIT	5	
PINEGEN	413489	5408906	0.0127	349	349	0 ANNUAL	PIT	5	
PINEGEN	413489	5409106	0.01276	361.75	361.75	0 ANNUAL	PIT	5	
PINEGEN	413489	5409606	0.01275	358	358	0 ANNUAL	PIT	5	
PINEGEN	413489	5410106	0.01223	357	357	0 ANNUAL	PIT	5	
PINEGEN	413489	5410606	0.01179	355	355	0 ANNUAL	PIT	5	
PINEGEN	413489	5411106	0.01137	356	356	0 ANNUAL	PIT	5	
PINEGEN	413489	5411606	0.01072	357	357	0 ANNUAL	PIT	5	
PINEGEN	413489	5412106	0.01036	356	356	0 ANNUAL	PIT	5	
PINEGEN	413989	5409606	0.01362	361	361	0 ANNUAL	PIT	5	
PINEGEN	413989	5410106	0.01306	359	359	0 ANNUAL	PIT	5	
PINEGEN	413989	5410606	0.01258	357	357	0 ANNUAL	PIT	5	
PINEGEN	413989	5411106	0.01198	363.64	363.64	0 ANNUAL	PIT	5	
PINEGEN	413989	5411606	0.0112	363	363	0 ANNUAL	PIT	5	
PINEGEN	413989	5412106	0.01108	360	360	0 ANNUAL	PIT	5	
PINEGEN	414489	5409606	0.0146	357.99	357.99	0 ANNUAL	PIT	5	
PINEGEN	414489	5410106	0.01401	362.35	362.35	0 ANNUAL	PIT	5	
PINEGEN	414489	5410606	0.01344	359	359	0 ANNUAL	PIT	5	
PINEGEN	414489	5411106	0.01287	360	360	0 ANNUAL	PIT	5	
PINEGEN	414489	5411606	0.0121	361	361	0 ANNUAL	PIT	5	
PINEGEN	414489	5412106	0.01187	363	363	0 ANNUAL	PIT	5	
PINEGEN	414989	5409606	0.0157	352.32	352.32	0 ANNUAL	PIT	5	
PINEGEN	414989	5410106	0.01503	360	360	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	414989	5410606	0.01441	361	361	0 ANNUAL	PIT		5
PINEGEN	414989	5411106	0.01364	364	364	0 ANNUAL	PIT		5
PINEGEN	414989	5411606	0.01258	368	368	0 ANNUAL	PIT		5
PINEGEN	414989	5412106	0.01285	366	366	0 ANNUAL	PIT		5
PINEGEN	415489	5409606	0.01694	352	352	0 ANNUAL	PIT		5
PINEGEN	415489	5410106	0.01623	355	355	0 ANNUAL	PIT		5
PINEGEN	415489	5410606	0.01547	361.86	361.86	0 ANNUAL	PIT		5
PINEGEN	415489	5411106	0.01457	366.4	366.4	0 ANNUAL	PIT		5
PINEGEN	415489	5411606	0.01348	370	370	0 ANNUAL	PIT		5
PINEGEN	415489	5412106	0.01399	370	370	0 ANNUAL	PIT		5
PINEGEN	415989	5409606	0.01834	353	353	0 ANNUAL	PIT		5
PINEGEN	415989	5410106	0.01757	353.31	353.31	0 ANNUAL	PIT		5
PINEGEN	415989	5410606	0.01677	360	360	0 ANNUAL	PIT		5
PINEGEN	415989	5411106	0.01575	362	362	0 ANNUAL	PIT		5
PINEGEN	415989	5411606	0.01504	360.33	360.33	0 ANNUAL	PIT		5
PINEGEN	415989	5412106	0.01515	367.9	367.9	0 ANNUAL	PIT		5
PINEGEN	416489	5409606	0.01995	352	352	0 ANNUAL	PIT		5
PINEGEN	416489	5410106	0.01911	354	354	0 ANNUAL	PIT		5
PINEGEN	416489	5410606	0.0182	353.47	353.47	0 ANNUAL	PIT		5
PINEGEN	416489	5411106	0.01682	368.67	369	0 ANNUAL	PIT		5
PINEGEN	416489	5411606	0.01636	359.36	359.36	0 ANNUAL	PIT		5
PINEGEN	416489	5412106	0.01657	360.18	360.18	0 ANNUAL	PIT		5
PINEGEN	416989	5409606	0.02179	349.41	349.41	0 ANNUAL	PIT		5
PINEGEN	416989	5410106	0.02086	351	351	0 ANNUAL	PIT		5
PINEGEN	416989	5410606	0.0198	349	349	0 ANNUAL	PIT		5
PINEGEN	416989	5411106	0.01865	355.37	355.37	0 ANNUAL	PIT		5
PINEGEN	416989	5411606	0.01779	361.02	361.02	0 ANNUAL	PIT		5
PINEGEN	416989	5412106	0.01822	360	360	0 ANNUAL	PIT		5
PINEGEN	417489	5409606	0.02392	347	347	0 ANNUAL	PIT		5
PINEGEN	417489	5410106	0.02288	347	347	0 ANNUAL	PIT		5
PINEGEN	417489	5410606	0.02168	348	348	0 ANNUAL	PIT		5
PINEGEN	417489	5411106	0.02032	349	349	0 ANNUAL	PIT		5
PINEGEN	417489	5411606	0.01957	365.28	365.28	0 ANNUAL	PIT		5
PINEGEN	417489	5412106	0.01966	369.67	369.67	0 ANNUAL	PIT		5
PINEGEN	417989	5409606	0.02642	345	345	0 ANNUAL	PIT		5
PINEGEN	417989	5410106	0.02528	346	346	0 ANNUAL	PIT		5
PINEGEN	417989	5410606	0.02386	347	347	0 ANNUAL	PIT		5
PINEGEN	417989	5411106	0.02231	349	349	0 ANNUAL	PIT		5
PINEGEN	417989	5411606	0.02189	357.92	357.92	0 ANNUAL	PIT		5
PINEGEN	417989	5412106	0.02209	366	366	0 ANNUAL	PIT		5
PINEGEN	418489	5409606	0.02942	345	345	0 ANNUAL	PIT		5
PINEGEN	418489	5410106	0.02812	346	346	0 ANNUAL	PIT		5
PINEGEN	418489	5410606	0.02645	347	347	0 ANNUAL	PIT		5
PINEGEN	418989	5409606	0.03307	348	348	0 ANNUAL	PIT		5
PINEGEN	418989	5410106	0.03156	349	349	0 ANNUAL	PIT		5
PINEGEN	418989	5410606	0.02957	351	351	0 ANNUAL	PIT		5
PINEGEN	419489	5409606	0.03753	351.16	351.16	0 ANNUAL	PIT		5
PINEGEN	419489	5410106	0.03577	355.27	355.27	0 ANNUAL	PIT		5
PINEGEN	419489	5410606	0.03333	356	356	0 ANNUAL	PIT		5
PINEGEN	417989	5409106	0.02682	344	344	0 ANNUAL	PIT		5
PINEGEN	417989	5408606	0.02822	343	343	0 ANNUAL	PIT		5
PINEGEN	417989	5408106	0.02808	341	341	0 ANNUAL	PIT		5
PINEGEN	417989	5407606	0.02678	341	341	0 ANNUAL	PIT		5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	417989	5407106	0.02764	342	342	0 ANNUAL	PIT	5	
PINEGEN	417989	5406606	0.02841	342	342	0 ANNUAL	PIT	5	
PINEGEN	417989	5406106	0.02863	343.99	343.99	0 ANNUAL	PIT	5	
PINEGEN	417989	5405606	0.02873	348	348	0 ANNUAL	PIT	5	
PINEGEN	417989	5405106	0.02746	354	354	0 ANNUAL	PIT	5	
PINEGEN	417989	5404606	0.02477	359.29	359.29	0 ANNUAL	PIT	5	
PINEGEN	417989	5404106	0.02201	353.81	353.81	0 ANNUAL	PIT	5	
PINEGEN	417989	5403606	0.02	345	345	0 ANNUAL	PIT	5	
PINEGEN	417989	5403106	0.01874	356.37	356.37	0 ANNUAL	PIT	5	
PINEGEN	417989	5402606	0.01723	354	354	0 ANNUAL	PIT	5	
PINEGEN	417989	5402106	0.01562	352.54	352.54	0 ANNUAL	PIT	5	
PINEGEN	418489	5409106	0.03008	344.89	344.89	0 ANNUAL	PIT	5	
PINEGEN	418489	5408606	0.03164	344	344	0 ANNUAL	PIT	5	
PINEGEN	418489	5408106	0.03078	341	341	0 ANNUAL	PIT	5	
PINEGEN	418489	5407606	0.03	342	342	0 ANNUAL	PIT	5	
PINEGEN	418489	5407106	0.03123	343	343	0 ANNUAL	PIT	5	
PINEGEN	418489	5406606	0.03175	343	343	0 ANNUAL	PIT	5	
PINEGEN	418489	5406106	0.032	346	346	0 ANNUAL	PIT	5	
PINEGEN	418489	5405606	0.0312	343	343	0 ANNUAL	PIT	5	
PINEGEN	418489	5405106	0.02852	345.29	345.29	0 ANNUAL	PIT	5	
PINEGEN	418489	5404606	0.02519	349	349	0 ANNUAL	PIT	5	
PINEGEN	418489	5404106	0.02267	356.33	356.33	0 ANNUAL	PIT	5	
PINEGEN	418489	5403606	0.02093	345.46	345.46	0 ANNUAL	PIT	5	
PINEGEN	418489	5403106	0.01921	358.05	358.05	0 ANNUAL	PIT	5	
PINEGEN	418489	5402606	0.01691	363.83	370	0 ANNUAL	PIT	5	
PINEGEN	418489	5402106	0.01624	358	358	0 ANNUAL	PIT	5	
PINEGEN	418989	5409106	0.03408	347	347	0 ANNUAL	PIT	5	
PINEGEN	418989	5408606	0.0356	345	345	0 ANNUAL	PIT	5	
PINEGEN	418989	5408106	0.03405	342	342	0 ANNUAL	PIT	5	
PINEGEN	418989	5407606	0.03417	343	343	0 ANNUAL	PIT	5	
PINEGEN	418989	5407106	0.03543	346	346	0 ANNUAL	PIT	5	
PINEGEN	418989	5406606	0.03581	347	347	0 ANNUAL	PIT	5	
PINEGEN	418989	5406106	0.03561	347	347	0 ANNUAL	PIT	5	
PINEGEN	418989	5405606	0.03321	350.74	350.74	0 ANNUAL	PIT	5	
PINEGEN	418989	5405106	0.02922	347	347	0 ANNUAL	PIT	5	
PINEGEN	418989	5404606	0.0259	352	352	0 ANNUAL	PIT	5	
PINEGEN	418989	5404106	0.02372	355.19	355.19	0 ANNUAL	PIT	5	
PINEGEN	418989	5403606	0.02161	358	358	0 ANNUAL	PIT	5	
PINEGEN	418989	5403106	0.01946	356	356	0 ANNUAL	PIT	5	
PINEGEN	418989	5402606	0.01818	357	357	0 ANNUAL	PIT	5	
PINEGEN	418989	5402106	0.01771	361.55	371	0 ANNUAL	PIT	5	
PINEGEN	419489	5409106	0.03899	348	348	0 ANNUAL	PIT	5	
PINEGEN	419489	5408606	0.04016	346	346	0 ANNUAL	PIT	5	
PINEGEN	419489	5408106	0.03825	342	342	0 ANNUAL	PIT	5	
PINEGEN	419489	5407606	0.03934	343.15	343.15	0 ANNUAL	PIT	5	
PINEGEN	419489	5407106	0.04034	346	346	0 ANNUAL	PIT	5	
PINEGEN	419489	5406606	0.04059	348.32	348.32	0 ANNUAL	PIT	5	
PINEGEN	419489	5405606	0.03445	354	354	0 ANNUAL	PIT	5	
PINEGEN	419489	5405106	0.03001	349	349	0 ANNUAL	PIT	5	
PINEGEN	419489	5404606	0.02709	351	351	0 ANNUAL	PIT	5	
PINEGEN	419489	5404106	0.02455	354	354	0 ANNUAL	PIT	5	
PINEGEN	419489	5403606	0.02198	355	355	0 ANNUAL	PIT	5	
PINEGEN	419489	5403106	0.02052	355	355	0 ANNUAL	PIT	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	419489	5402606	0.02001	355	355	0 ANNUAL	PIT	5	
PINEGEN	419489	5402106	0.01961	355	355	0 ANNUAL	PIT	5	
PINEGEN	419989	5409106	0.04514	350	350	0 ANNUAL	PIT	5	
PINEGEN	419989	5406606	0.04553	348	348	0 ANNUAL	PIT	5	
PINEGEN	419989	5405606	0.03545	357	357	0 ANNUAL	PIT	5	
PINEGEN	419989	5405106	0.03138	351.23	351.23	0 ANNUAL	PIT	5	
PINEGEN	419989	5404606	0.02814	348	348	0 ANNUAL	PIT	5	
PINEGEN	419989	5404106	0.02509	351.63	351.63	0 ANNUAL	PIT	5	
PINEGEN	419989	5403606	0.02338	352	352	0 ANNUAL	PIT	5	
PINEGEN	419989	5403106	0.02277	353	353	0 ANNUAL	PIT	5	
PINEGEN	419989	5402606	0.02212	356	356	0 ANNUAL	PIT	5	
PINEGEN	419989	5402106	0.0208	358.53	358.53	0 ANNUAL	PIT	5	
PINEGEN	420489	5409106	0.05283	350	350	0 ANNUAL	PIT	5	
PINEGEN	420489	5408606	0.05194	345.95	345.95	0 ANNUAL	PIT	5	
PINEGEN	420489	5408106	0.05164	343	343	0 ANNUAL	PIT	5	
PINEGEN	420489	5405606	0.037	356	356	0 ANNUAL	PIT	5	
PINEGEN	420489	5405106	0.03283	354.81	354.81	0 ANNUAL	PIT	5	
PINEGEN	420489	5404606	0.02898	349	349	0 ANNUAL	PIT	5	
PINEGEN	420489	5404106	0.02698	358	358	0 ANNUAL	PIT	5	
PINEGEN	420489	5403606	0.02616	360	360	0 ANNUAL	PIT	5	
PINEGEN	420489	5403106	0.0251	357.19	357.19	0 ANNUAL	PIT	5	
PINEGEN	420489	5402606	0.02317	357	357	0 ANNUAL	PIT	5	
PINEGEN	420489	5402106	0.02084	360	360	0 ANNUAL	PIT	5	
PINEGEN	417489	5404606	0.02412	360	360	0 ANNUAL	PIT	5	
PINEGEN	417489	5404106	0.02164	349	349	0 ANNUAL	PIT	5	
PINEGEN	417489	5403606	0.0194	350	350	0 ANNUAL	PIT	5	
PINEGEN	417489	5403106	0.01788	345	345	0 ANNUAL	PIT	5	
PINEGEN	417489	5402606	0.01684	349	349	0 ANNUAL	PIT	5	
PINEGEN	417489	5402106	0.01556	355	355	0 ANNUAL	PIT	5	
PINEGEN	416989	5404606	0.0231	356.24	356.24	0 ANNUAL	PIT	5	
PINEGEN	416989	5404106	0.02127	347.17	347.17	0 ANNUAL	PIT	5	
PINEGEN	416989	5403606	0.01907	346	346	0 ANNUAL	PIT	5	
PINEGEN	416989	5403106	0.01727	346	346	0 ANNUAL	PIT	5	
PINEGEN	416989	5402606	0.01612	345	345	0 ANNUAL	PIT	5	
PINEGEN	416989	5402106	0.01525	347	347	0 ANNUAL	PIT	5	
PINEGEN	416489	5404606	0.02164	350.43	350.43	0 ANNUAL	PIT	5	
PINEGEN	416489	5404106	0.02064	348	348	0 ANNUAL	PIT	5	
PINEGEN	416489	5403606	0.01887	348	348	0 ANNUAL	PIT	5	
PINEGEN	416489	5403106	0.01697	347	347	0 ANNUAL	PIT	5	
PINEGEN	416489	5402606	0.01552	345	345	0 ANNUAL	PIT	5	
PINEGEN	416489	5402106	0.01465	346	346	0 ANNUAL	PIT	5	
PINEGEN	415989	5404606	0.02	358.85	358.85	0 ANNUAL	PIT	5	
PINEGEN	415989	5404106	0.01969	353.53	353.53	0 ANNUAL	PIT	5	
PINEGEN	415989	5403606	0.0185	348.94	348.94	0 ANNUAL	PIT	5	
PINEGEN	415989	5403106	0.01682	347	347	0 ANNUAL	PIT	5	
PINEGEN	415989	5402606	0.01521	344.77	344.77	0 ANNUAL	PIT	5	
PINEGEN	415989	5402106	0.01407	344	344	0 ANNUAL	PIT	5	
PINEGEN	415489	5404606	0.01838	350.18	350.18	0 ANNUAL	PIT	5	
PINEGEN	415489	5404106	0.01845	349.74	349.74	0 ANNUAL	PIT	5	
PINEGEN	415489	5403606	0.01787	348	348	0 ANNUAL	PIT	5	
PINEGEN	415489	5403106	0.01661	347	347	0 ANNUAL	PIT	5	
PINEGEN	415489	5402606	0.01508	345	345	0 ANNUAL	PIT	5	
PINEGEN	415489	5402106	0.01374	343	343	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole   Averagin	Source Gr	Num Year	Net ID
PINEGEN	414989	5404606	0.01694	348.54	348.54	0 ANNUAL PIT		5
PINEGEN	414989	5404106	0.0171	349	349	0 ANNUAL PIT		5
PINEGEN	414989	5403606	0.01698	347	347	0 ANNUAL PIT		5
PINEGEN	414989	5403106	0.01621	345	345	0 ANNUAL PIT		5
PINEGEN	414989	5402606	0.01497	344	344	0 ANNUAL PIT		5
PINEGEN	414989	5402106	0.0136	342	342	0 ANNUAL PIT		5
PINEGEN	414489	5404606	0.01574	349.15	349.15	0 ANNUAL PIT		5
PINEGEN	414489	5404106	0.01582	349	349	0 ANNUAL PIT		5
PINEGEN	414489	5403606	0.01593	347	347	0 ANNUAL PIT		5
PINEGEN	414489	5403106	0.0156	342.37	342.37	0 ANNUAL PIT		5
PINEGEN	414489	5402606	0.01472	342	342	0 ANNUAL PIT		5
PINEGEN	414489	5402106	0.01353	341	341	0 ANNUAL PIT		5
PINEGEN	413989	5404606	0.0147	350	350	0 ANNUAL PIT		5
PINEGEN	413989	5404106	0.0147	350	350	0 ANNUAL PIT		5
PINEGEN	413989	5403606	0.01482	346.63	346.63	0 ANNUAL PIT		5
PINEGEN	413989	5403106	0.0148	341	341	0 ANNUAL PIT		5
PINEGEN	413989	5402606	0.01431	340	340	0 ANNUAL PIT		5
PINEGEN	413989	5402106	0.01341	343	343	0 ANNUAL PIT		5
PINEGEN	413489	5404606	0.01371	340	340	0 ANNUAL PIT		5
PINEGEN	413489	5404106	0.01374	347.02	347.02	0 ANNUAL PIT		5
PINEGEN	413489	5403606	0.01378	345	345	0 ANNUAL PIT		5
PINEGEN	413489	5403106	0.0139	340	340	0 ANNUAL PIT		5
PINEGEN	413489	5402606	0.01375	341	341	0 ANNUAL PIT		5
PINEGEN	413489	5402106	0.01316	344.46	344.46	0 ANNUAL PIT		5
PINEGEN	412989	5404606	0.01282	339	339	0 ANNUAL PIT		5
PINEGEN	412989	5404106	0.01287	339	339	0 ANNUAL PIT		5
PINEGEN	412989	5403606	0.01285	338.18	338.18	0 ANNUAL PIT		5
PINEGEN	412989	5403106	0.01298	341	341	0 ANNUAL PIT		5
PINEGEN	412989	5402606	0.01306	344	344	0 ANNUAL PIT		5
PINEGEN	412989	5402106	0.01277	346	346	0 ANNUAL PIT		5
PINEGEN	412489	5404606	0.01198	338	338	0 ANNUAL PIT		5
PINEGEN	412489	5404106	0.01211	338.86	338.86	0 ANNUAL PIT		5
PINEGEN	412489	5403606	0.0121	341	341	0 ANNUAL PIT		5
PINEGEN	412489	5403106	0.01214	343.96	343.96	0 ANNUAL PIT		5
PINEGEN	412489	5402606	0.0123	348	348	0 ANNUAL PIT		5
PINEGEN	412489	5402106	0.01225	348	348	0 ANNUAL PIT		5
PINEGEN	411989	5404606	0.01121	339	339	0 ANNUAL PIT		5
PINEGEN	411989	5404106	0.01138	337	337	0 ANNUAL PIT		5
PINEGEN	411989	5403606	0.01142	339	339	0 ANNUAL PIT		5
PINEGEN	411989	5403106	0.01141	342.3	342.3	0 ANNUAL PIT		5
PINEGEN	411989	5402606	0.01153	351	351	0 ANNUAL PIT		5
PINEGEN	411989	5402106	0.01162	349	349	0 ANNUAL PIT		5
PINEGEN	411489	5404606	0.01049	340.02	340.02	0 ANNUAL PIT		5
PINEGEN	411489	5404106	0.0107	335	335	0 ANNUAL PIT		5
PINEGEN	411489	5403606	0.0108	339	339	0 ANNUAL PIT		5
PINEGEN	411489	5403106	0.01079	343	343	0 ANNUAL PIT		5
PINEGEN	411489	5402606	0.01082	348	348	0 ANNUAL PIT		5
PINEGEN	411489	5402106	0.01095	348	348	0 ANNUAL PIT		5
PINEGEN	410989	5404606	0.0098	340	340	0 ANNUAL PIT		5
PINEGEN	410989	5404106	0.01007	336	336	0 ANNUAL PIT		5
PINEGEN	410989	5403606	0.01021	339	339	0 ANNUAL PIT		5
PINEGEN	410989	5403106	0.01023	343	343	0 ANNUAL PIT		5
PINEGEN	410989	5402606	0.01021	347	347	0 ANNUAL PIT		5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	410989	5402106	0.01029	346	346	0 ANNUAL	PIT	5	
PINEGEN	410489	5404606	0.00916	341	341	0 ANNUAL	PIT	5	
PINEGEN	410489	5404106	0.00947	335	335	0 ANNUAL	PIT	5	
PINEGEN	410489	5403606	0.00964	337.41	337.41	0 ANNUAL	PIT	5	
PINEGEN	410489	5403106	0.00973	347	347	0 ANNUAL	PIT	5	
PINEGEN	410489	5402606	0.0097	348.05	348.05	0 ANNUAL	PIT	5	
PINEGEN	410489	5402106	0.0097	348	348	0 ANNUAL	PIT	5	
PINEGEN	412989	5405106	0.01256	340	340	0 ANNUAL	PIT	5	
PINEGEN	412989	5405606	0.01206	339	339	0 ANNUAL	PIT	5	
PINEGEN	412989	5406106	0.01182	342.28	342.28	0 ANNUAL	PIT	5	
PINEGEN	412989	5406606	0.0124	348.53	367	0 ANNUAL	PIT	5	
PINEGEN	412989	5407106	0.01299	353	353	0 ANNUAL	PIT	5	
PINEGEN	412989	5407606	0.01279	348	348	0 ANNUAL	PIT	5	
PINEGEN	412989	5408106	0.01226	346	346	0 ANNUAL	PIT	5	
PINEGEN	412989	5408606	0.01191	347.82	347.82	0 ANNUAL	PIT	5	
PINEGEN	412989	5409106	0.012	359	359	0 ANNUAL	PIT	5	
PINEGEN	412989	5409606	0.01196	361	361	0 ANNUAL	PIT	5	
PINEGEN	412989	5410106	0.01147	359	359	0 ANNUAL	PIT	5	
PINEGEN	412989	5410606	0.01109	355	355	0 ANNUAL	PIT	5	
PINEGEN	412989	5411106	0.01071	354	354	0 ANNUAL	PIT	5	
PINEGEN	412989	5411606	0.01013	356	356	0 ANNUAL	PIT	5	
PINEGEN	412989	5412106	0.00971	359	359	0 ANNUAL	PIT	5	
PINEGEN	412489	5405106	0.01167	340	340	0 ANNUAL	PIT	5	
PINEGEN	412489	5405606	0.01119	341	341	0 ANNUAL	PIT	5	
PINEGEN	412489	5406106	0.01119	345	345	0 ANNUAL	PIT	5	
PINEGEN	412489	5406606	0.01185	348	348	0 ANNUAL	PIT	5	
PINEGEN	412489	5407106	0.01223	348	348	0 ANNUAL	PIT	5	
PINEGEN	412489	5407606	0.01195	348	348	0 ANNUAL	PIT	5	
PINEGEN	412489	5408106	0.01147	348	348	0 ANNUAL	PIT	5	
PINEGEN	412489	5408606	0.01119	350	350	0 ANNUAL	PIT	5	
PINEGEN	412489	5409106	0.01132	355	355	0 ANNUAL	PIT	5	
PINEGEN	412489	5409606	0.01126	358.02	358.02	0 ANNUAL	PIT	5	
PINEGEN	412489	5410106	0.0108	356.55	356.55	0 ANNUAL	PIT	5	
PINEGEN	412489	5410606	0.01044	352	352	0 ANNUAL	PIT	5	
PINEGEN	412489	5411106	0.01011	354	354	0 ANNUAL	PIT	5	
PINEGEN	412489	5411606	0.00958	358.99	358.99	0 ANNUAL	PIT	5	
PINEGEN	412489	5412106	0.00914	360	360	0 ANNUAL	PIT	5	
PINEGEN	411989	5405106	0.01084	342	342	0 ANNUAL	PIT	5	
PINEGEN	411989	5405606	0.01045	342	342	0 ANNUAL	PIT	5	
PINEGEN	411989	5406106	0.01068	343	343	0 ANNUAL	PIT	5	
PINEGEN	411989	5406606	0.01132	344	344	0 ANNUAL	PIT	5	
PINEGEN	411989	5407106	0.01152	346	346	0 ANNUAL	PIT	5	
PINEGEN	411989	5407606	0.01117	347	347	0 ANNUAL	PIT	5	
PINEGEN	411989	5408106	0.01075	349	349	0 ANNUAL	PIT	5	
PINEGEN	411989	5408606	0.01054	351.14	351.14	0 ANNUAL	PIT	5	
PINEGEN	411989	5409106	0.01069	355	355	0 ANNUAL	PIT	5	
PINEGEN	411989	5409606	0.01061	351	351	0 ANNUAL	PIT	5	
PINEGEN	411989	5410106	0.01018	350	350	0 ANNUAL	PIT	5	
PINEGEN	411989	5410606	0.00985	350	350	0 ANNUAL	PIT	5	
PINEGEN	411989	5411106	0.00957	356	356	0 ANNUAL	PIT	5	
PINEGEN	411989	5411606	0.00909	360	360	0 ANNUAL	PIT	5	
PINEGEN	411989	5412106	0.00864	358.84	358.84	0 ANNUAL	PIT	5	
PINEGEN	411489	5405106	0.01008	342	342	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	411489	5405606	0.00985	344	344	0 ANNUAL	PIT	5	
PINEGEN	411489	5406106	0.01025	346	346	0 ANNUAL	PIT	5	
PINEGEN	411489	5406606	0.01081	347	347	0 ANNUAL	PIT	5	
PINEGEN	411489	5407106	0.01085	348	348	0 ANNUAL	PIT	5	
PINEGEN	411489	5407606	0.01048	348	348	0 ANNUAL	PIT	5	
PINEGEN	411489	5408106	0.0101	349	349	0 ANNUAL	PIT	5	
PINEGEN	411489	5408606	0.00995	352	352	0 ANNUAL	PIT	5	
PINEGEN	411489	5409106	0.0101	350	350	0 ANNUAL	PIT	5	
PINEGEN	411489	5409606	0.01002	350	350	0 ANNUAL	PIT	5	
PINEGEN	411489	5410106	0.00962	350	350	0 ANNUAL	PIT	5	
PINEGEN	411489	5410606	0.00932	349	349	0 ANNUAL	PIT	5	
PINEGEN	411489	5411106	0.00907	353.73	353.73	0 ANNUAL	PIT	5	
PINEGEN	411489	5411606	0.00866	358	358	0 ANNUAL	PIT	5	
PINEGEN	411489	5412106	0.0082	355	355	0 ANNUAL	PIT	5	
PINEGEN	410989	5405106	0.0094	342	342	0 ANNUAL	PIT	5	
PINEGEN	410989	5405606	0.00936	344	344	0 ANNUAL	PIT	5	
PINEGEN	410989	5406106	0.00987	346	346	0 ANNUAL	PIT	5	
PINEGEN	410989	5406606	0.0103	347	347	0 ANNUAL	PIT	5	
PINEGEN	410989	5407106	0.01022	349	349	0 ANNUAL	PIT	5	
PINEGEN	410989	5407606	0.00986	350	350	0 ANNUAL	PIT	5	
PINEGEN	410989	5408106	0.00952	350	350	0 ANNUAL	PIT	5	
PINEGEN	410989	5408606	0.00942	351	351	0 ANNUAL	PIT	5	
PINEGEN	410989	5409106	0.00958	348	348	0 ANNUAL	PIT	5	
PINEGEN	410989	5409606	0.00949	350	350	0 ANNUAL	PIT	5	
PINEGEN	410989	5410106	0.00911	350	350	0 ANNUAL	PIT	5	
PINEGEN	410989	5410606	0.00883	348	348	0 ANNUAL	PIT	5	
PINEGEN	410989	5411106	0.00861	353	353	0 ANNUAL	PIT	5	
PINEGEN	410989	5411606	0.00825	354	354	0 ANNUAL	PIT	5	
PINEGEN	410989	5412106	0.00779	350.65	350.65	0 ANNUAL	PIT	5	
PINEGEN	410489	5405106	0.00883	342	342	0 ANNUAL	PIT	5	
PINEGEN	410489	5405606	0.00897	344	344	0 ANNUAL	PIT	5	
PINEGEN	410489	5406106	0.0095	345	345	0 ANNUAL	PIT	5	
PINEGEN	410489	5406606	0.0098	347	347	0 ANNUAL	PIT	5	
PINEGEN	410489	5407106	0.00963	348	348	0 ANNUAL	PIT	5	
PINEGEN	410489	5407606	0.00928	349	349	0 ANNUAL	PIT	5	
PINEGEN	410489	5408106	0.00899	350	350	0 ANNUAL	PIT	5	
PINEGEN	410489	5408606	0.00893	348	348	0 ANNUAL	PIT	5	
PINEGEN	410489	5409106	0.00909	346	346	0 ANNUAL	PIT	5	
PINEGEN	410489	5409606	0.00899	346	346	0 ANNUAL	PIT	5	
PINEGEN	410489	5410106	0.00863	347	347	0 ANNUAL	PIT	5	
PINEGEN	410489	5410606	0.00839	347.45	347.45	0 ANNUAL	PIT	5	
PINEGEN	410489	5411106	0.00818	349.99	349.99	0 ANNUAL	PIT	5	
PINEGEN	410489	5411606	0.00785	344.49	344.49	0 ANNUAL	PIT	5	
PINEGEN	410489	5412106	0.00742	349	349	0 ANNUAL	PIT	5	
PINEGEN	410489	5413106	0.00741	353.38	353.38	0 ANNUAL	PIT	5	
PINEGEN	410489	5414106	0.00758	361.45	361.45	0 ANNUAL	PIT	5	
PINEGEN	410489	5415106	0.00753	361	361	0 ANNUAL	PIT	5	
PINEGEN	410489	5416106	0.00708	366	366	0 ANNUAL	PIT	5	
PINEGEN	410489	5417106	0.0082	369	369	0 ANNUAL	PIT	5	
PINEGEN	411489	5413106	0.0083	350	350	0 ANNUAL	PIT	5	
PINEGEN	411489	5414106	0.00859	357	357	0 ANNUAL	PIT	5	
PINEGEN	411489	5415106	0.00818	354.84	354.84	0 ANNUAL	PIT	5	
PINEGEN	411489	5416106	0.00842	358	358	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	411489	5417106	0.00975	365	365	0 ANNUAL	PIT	5	
PINEGEN	412489	5413106	0.00938	360	360	0 ANNUAL	PIT	5	
PINEGEN	412489	5414106	0.0096	358.08	358.08	0 ANNUAL	PIT	5	
PINEGEN	412489	5415106	0.00908	348.91	348.91	0 ANNUAL	PIT	5	
PINEGEN	412489	5416106	0.01011	350	350	0 ANNUAL	PIT	5	
PINEGEN	412489	5417106	0.01058	354	354	0 ANNUAL	PIT	5	
PINEGEN	413489	5413106	0.01072	359.42	359.42	0 ANNUAL	PIT	5	
PINEGEN	413489	5414106	0.01081	365.93	365.93	0 ANNUAL	PIT	5	
PINEGEN	413489	5415106	0.01057	354.21	354.21	0 ANNUAL	PIT	5	
PINEGEN	413489	5416106	0.01205	350	350	0 ANNUAL	PIT	5	
PINEGEN	413489	5417106	0.01143	352	352	0 ANNUAL	PIT	5	
PINEGEN	414489	5413106	0.01211	370	370	0 ANNUAL	PIT	5	
PINEGEN	414489	5414106	0.01185	368.83	368.83	0 ANNUAL	PIT	5	
PINEGEN	414489	5415106	0.01284	365.71	365.71	0 ANNUAL	PIT	5	
PINEGEN	414489	5416106	0.01362	350	350	0 ANNUAL	PIT	5	
PINEGEN	414489	5417106	0.01299	351	351	0 ANNUAL	PIT	5	
PINEGEN	415489	5413106	0.01454	369.94	369.94	0 ANNUAL	PIT	5	
PINEGEN	415489	5414106	0.01327	379	379	0 ANNUAL	PIT	5	
PINEGEN	415489	5415106	0.01633	370	370	0 ANNUAL	PIT	5	
PINEGEN	415489	5416106	0.01499	362.74	362.74	0 ANNUAL	PIT	5	
PINEGEN	415489	5417106	0.01595	355.43	355.43	0 ANNUAL	PIT	5	
PINEGEN	416489	5413106	0.01683	364	364	0 ANNUAL	PIT	5	
PINEGEN	416489	5414106	0.01637	388.13	388.13	0 ANNUAL	PIT	5	
PINEGEN	416489	5415106	0.01866	368	368	0 ANNUAL	PIT	5	
PINEGEN	416489	5416106	0.01823	361	361	0 ANNUAL	PIT	5	
PINEGEN	416489	5417106	0.01944	361.66	361.66	0 ANNUAL	PIT	5	
PINEGEN	417489	5413106	0.01957	364.93	370	0 ANNUAL	PIT	5	
PINEGEN	417489	5414106	0.02275	367	367	0 ANNUAL	PIT	5	
PINEGEN	417489	5415106	0.02049	380	380	0 ANNUAL	PIT	5	
PINEGEN	417489	5416106	0.02325	369	369	0 ANNUAL	PIT	5	
PINEGEN	417489	5417106	0.02187	369.28	369.28	0 ANNUAL	PIT	5	
PINEGEN	418489	5414106	0.02717	369	369	0 ANNUAL	PIT	5	
PINEGEN	418489	5415106	0.02735	379.99	379.99	0 ANNUAL	PIT	5	
PINEGEN	418489	5416106	0.0277	372	372	0 ANNUAL	PIT	5	
PINEGEN	418489	5417106	0.02354	364.25	364.25	0 ANNUAL	PIT	5	
PINEGEN	419489	5413106	0.03493	379.3	379.3	0 ANNUAL	PIT	5	
PINEGEN	419489	5414106	0.03336	372	372	0 ANNUAL	PIT	5	
PINEGEN	419489	5415106	0.03574	380.64	380.64	0 ANNUAL	PIT	5	
PINEGEN	419489	5416106	0.02808	388	388	0 ANNUAL	PIT	5	
PINEGEN	419489	5417106	0.02937	377.72	377.72	0 ANNUAL	PIT	5	
PINEGEN	420489	5414106	0.04749	379.98	379.98	0 ANNUAL	PIT	5	
PINEGEN	420489	5415106	0.03873	380	380	0 ANNUAL	PIT	5	
PINEGEN	420489	5416106	0.0376	388.43	388.43	0 ANNUAL	PIT	5	
PINEGEN	420489	5417106	0.03335	391.83	391.83	0 ANNUAL	PIT	5	
PINEGEN	421489	5415106	0.05244	380.87	380.87	0 ANNUAL	PIT	5	
PINEGEN	421489	5416106	0.04685	390.79	398	0 ANNUAL	PIT	5	
PINEGEN	421489	5417106	0.04214	391.78	391.78	0 ANNUAL	PIT	5	
PINEGEN	422489	5415106	0.06972	387.48	387.48	0 ANNUAL	PIT	5	
PINEGEN	422489	5416106	0.0535	392	392	0 ANNUAL	PIT	5	
PINEGEN	422489	5417106	0.04612	400.18	400.18	0 ANNUAL	PIT	5	
PINEGEN	423489	5415106	0.08106	394.52	394.52	0 ANNUAL	PIT	5	
PINEGEN	423489	5416106	0.06663	394	394	0 ANNUAL	PIT	5	
PINEGEN	423489	5417106	0.05305	389	389	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	424489	5415106	0.089	393.34	393.34	0 ANNUAL	PIT	5	
PINEGEN	424489	5416106	0.07188	384	384	0 ANNUAL	PIT	5	
PINEGEN	424489	5417106	0.05843	377	377	0 ANNUAL	PIT	5	
PINEGEN	425489	5415106	0.10672	378	378	0 ANNUAL	PIT	5	
PINEGEN	425489	5416106	0.07971	377.78	377.78	0 ANNUAL	PIT	5	
PINEGEN	425489	5417106	0.06236	377.38	377.38	0 ANNUAL	PIT	5	
PINEGEN	421489	5408106	0.07519	351	351	0 ANNUAL	PIT	5	
PINEGEN	421489	5407106	0.06599	358	358	0 ANNUAL	PIT	5	
PINEGEN	421489	5404106	0.03293	359	359	0 ANNUAL	PIT	5	
PINEGEN	421489	5403106	0.0255	364	364	0 ANNUAL	PIT	5	
PINEGEN	421489	5402106	0.02073	365	365	0 ANNUAL	PIT	5	
PINEGEN	421489	5401106	0.01662	369.45	369.45	0 ANNUAL	PIT	5	
PINEGEN	421489	5400106	0.01454	362	362	0 ANNUAL	PIT	5	
PINEGEN	421489	5399106	0.01328	359	359	0 ANNUAL	PIT	5	
PINEGEN	421489	5398106	0.01186	370	370	0 ANNUAL	PIT	5	
PINEGEN	421489	5397106	0.01052	365	365	0 ANNUAL	PIT	5	
PINEGEN	422489	5408106	0.11282	356	356	0 ANNUAL	PIT	5	
PINEGEN	422489	5407106	0.07466	358.1	358.1	0 ANNUAL	PIT	5	
PINEGEN	422489	5406106	0.0567	360	360	0 ANNUAL	PIT	5	
PINEGEN	422489	5405106	0.04471	360	360	0 ANNUAL	PIT	5	
PINEGEN	422489	5404106	0.03278	357	357	0 ANNUAL	PIT	5	
PINEGEN	422489	5403106	0.02473	374.96	374.96	0 ANNUAL	PIT	5	
PINEGEN	422489	5402106	0.02091	372	372	0 ANNUAL	PIT	5	
PINEGEN	422489	5401106	0.01859	370	370	0 ANNUAL	PIT	5	
PINEGEN	422489	5400106	0.01597	368.12	368.12	0 ANNUAL	PIT	5	
PINEGEN	422489	5399106	0.01402	363.71	363.71	0 ANNUAL	PIT	5	
PINEGEN	422489	5398106	0.01251	369	369	0 ANNUAL	PIT	5	
PINEGEN	422489	5397106	0.01122	366.36	366.36	0 ANNUAL	PIT	5	
PINEGEN	423489	5408106	0.14462	354	354	0 ANNUAL	PIT	5	
PINEGEN	423489	5406106	0.06413	361	361	0 ANNUAL	PIT	5	
PINEGEN	423489	5405106	0.04489	359	359	0 ANNUAL	PIT	5	
PINEGEN	423489	5404106	0.03545	358	358	0 ANNUAL	PIT	5	
PINEGEN	423489	5403106	0.02816	376	376	0 ANNUAL	PIT	5	
PINEGEN	423489	5402106	0.02331	376	376	0 ANNUAL	PIT	5	
PINEGEN	423489	5401106	0.01986	378	378	0 ANNUAL	PIT	5	
PINEGEN	423489	5400106	0.01708	375.48	375.48	0 ANNUAL	PIT	5	
PINEGEN	423489	5399106	0.01494	367	367	0 ANNUAL	PIT	5	
PINEGEN	423489	5398106	0.01317	370	370	0 ANNUAL	PIT	5	
PINEGEN	423489	5397106	0.01185	362.4	362.4	0 ANNUAL	PIT	5	
PINEGEN	424489	5406106	0.07078	369.19	369.19	0 ANNUAL	PIT	5	
PINEGEN	424489	5405106	0.05124	368.07	368.07	0 ANNUAL	PIT	5	
PINEGEN	424489	5404106	0.03951	361.08	366	0 ANNUAL	PIT	5	
PINEGEN	424489	5403106	0.03111	377.23	377.23	0 ANNUAL	PIT	5	
PINEGEN	424489	5402106	0.0257	378	378	0 ANNUAL	PIT	5	
PINEGEN	424489	5401106	0.02178	376	376	0 ANNUAL	PIT	5	
PINEGEN	424489	5400106	0.01867	373.06	373.06	0 ANNUAL	PIT	5	
PINEGEN	424489	5399106	0.01608	370	370	0 ANNUAL	PIT	5	
PINEGEN	424489	5398106	0.01387	365	365	0 ANNUAL	PIT	5	
PINEGEN	424489	5397106	0.01196	357	357	0 ANNUAL	PIT	5	
PINEGEN	425489	5407106	0.12558	366.67	366.67	0 ANNUAL	PIT	5	
PINEGEN	425489	5406106	0.07545	378.68	378.68	0 ANNUAL	PIT	5	
PINEGEN	425489	5405106	0.0531	362	362	0 ANNUAL	PIT	5	
PINEGEN	425489	5404106	0.03852	370	370	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	425489	5403106	0.02951	370	370	0 ANNUAL	PIT	5	
PINEGEN	425489	5402106	0.02305	377.99	377.99	0 ANNUAL	PIT	5	
PINEGEN	425489	5401106	0.01901	375	375	0 ANNUAL	PIT	5	
PINEGEN	425489	5400106	0.0161	370	370	0 ANNUAL	PIT	5	
PINEGEN	425489	5399106	0.0138	368	368	0 ANNUAL	PIT	5	
PINEGEN	425489	5398106	0.01225	359	359	0 ANNUAL	PIT	5	
PINEGEN	425489	5397106	0.01074	359	359	0 ANNUAL	PIT	5	
PINEGEN	420489	5401106	0.01703	364	364	0 ANNUAL	PIT	5	
PINEGEN	420489	5400106	0.01436	359	359	0 ANNUAL	PIT	5	
PINEGEN	420489	5399106	0.01224	357	357	0 ANNUAL	PIT	5	
PINEGEN	420489	5398106	0.01085	361	361	0 ANNUAL	PIT	5	
PINEGEN	420489	5397106	0.00997	360	360	0 ANNUAL	PIT	5	
PINEGEN	419489	5401106	0.01735	358	358	0 ANNUAL	PIT	5	
PINEGEN	419489	5400106	0.01432	361.28	361.28	0 ANNUAL	PIT	5	
PINEGEN	419489	5399106	0.01243	355	355	0 ANNUAL	PIT	5	
PINEGEN	419489	5398106	0.01076	359.29	359.29	0 ANNUAL	PIT	5	
PINEGEN	419489	5397106	0.00928	370.8	370.8	0 ANNUAL	PIT	5	
PINEGEN	418489	5401106	0.01581	362.6	362.6	0 ANNUAL	PIT	5	
PINEGEN	418489	5400106	0.01475	363	363	0 ANNUAL	PIT	5	
PINEGEN	418489	5399106	0.01248	354	354	0 ANNUAL	PIT	5	
PINEGEN	418489	5398106	0.01077	354.91	354.91	0 ANNUAL	PIT	5	
PINEGEN	418489	5397106	0.00964	364.03	364.03	0 ANNUAL	PIT	5	
PINEGEN	417489	5401106	0.01327	351	351	0 ANNUAL	PIT	5	
PINEGEN	417489	5400106	0.01282	359	359	0 ANNUAL	PIT	5	
PINEGEN	417489	5399106	0.01238	350	350	0 ANNUAL	PIT	5	
PINEGEN	417489	5398106	0.01096	349	349	0 ANNUAL	PIT	5	
PINEGEN	417489	5397106	0.00946	354	354	0 ANNUAL	PIT	5	
PINEGEN	416489	5401106	0.01289	348.07	348.07	0 ANNUAL	PIT	5	
PINEGEN	416489	5400106	0.01111	354.16	354.16	0 ANNUAL	PIT	5	
PINEGEN	416489	5399106	0.0107	347	347	0 ANNUAL	PIT	5	
PINEGEN	416489	5398106	0.01055	350	350	0 ANNUAL	PIT	5	
PINEGEN	416489	5397106	0.00973	351	351	0 ANNUAL	PIT	5	
PINEGEN	415489	5401106	0.01231	347	347	0 ANNUAL	PIT	5	
PINEGEN	415489	5400106	0.01091	347	347	0 ANNUAL	PIT	5	
PINEGEN	415489	5399106	0.00946	348	348	0 ANNUAL	PIT	5	
PINEGEN	415489	5398106	0.00909	346	346	0 ANNUAL	PIT	5	
PINEGEN	415489	5397106	0.00906	349.43	349.43	0 ANNUAL	PIT	5	
PINEGEN	414489	5401106	0.01146	344.99	344.99	0 ANNUAL	PIT	5	
PINEGEN	414489	5400106	0.01053	345	345	0 ANNUAL	PIT	5	
PINEGEN	414489	5399106	0.0094	348.68	348.68	0 ANNUAL	PIT	5	
PINEGEN	414489	5398106	0.0082	350	350	0 ANNUAL	PIT	5	
PINEGEN	414489	5397106	0.00785	348	348	0 ANNUAL	PIT	5	
PINEGEN	413489	5401106	0.01127	350	350	0 ANNUAL	PIT	5	
PINEGEN	413489	5400106	0.00978	348.95	348.95	0 ANNUAL	PIT	5	
PINEGEN	413489	5399106	0.00915	342	342	0 ANNUAL	PIT	5	
PINEGEN	413489	5398106	0.00818	343	343	0 ANNUAL	PIT	5	
PINEGEN	413489	5397106	0.00718	346	346	0 ANNUAL	PIT	5	
PINEGEN	412489	5401106	0.01114	345.75	345.75	0 ANNUAL	PIT	5	
PINEGEN	412489	5400106	0.00952	347	347	0 ANNUAL	PIT	5	
PINEGEN	412489	5399106	0.0085	350	350	0 ANNUAL	PIT	5	
PINEGEN	412489	5398106	0.00803	336.36	336.36	0 ANNUAL	PIT	5	
PINEGEN	412489	5397106	0.00724	352	352	0 ANNUAL	PIT	5	
PINEGEN	411489	5401106	0.01067	341.01	341.01	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	411489	5400106	0.00947	340	340	0 ANNUAL	PIT	5	
PINEGEN	411489	5399106	0.00816	339.84	339.84	0 ANNUAL	PIT	5	
PINEGEN	411489	5398106	0.00746	338	338	0 ANNUAL	PIT	5	
PINEGEN	411489	5397106	0.00714	337	337	0 ANNUAL	PIT	5	
PINEGEN	410489	5401106	0.00984	336	336	0 ANNUAL	PIT	5	
PINEGEN	410489	5400106	0.00926	333	333	0 ANNUAL	PIT	5	
PINEGEN	410489	5399106	0.00812	333	333	0 ANNUAL	PIT	5	
PINEGEN	410489	5398106	0.00711	333	333	0 ANNUAL	PIT	5	
PINEGEN	410489	5397106	0.00665	336	336	0 ANNUAL	PIT	5	
PINEGEN	409489	5401106	0.00883	331.92	331.92	0 ANNUAL	PIT	5	
PINEGEN	409489	5400106	0.0088	332	332	0 ANNUAL	PIT	5	
PINEGEN	409489	5399106	0.00807	330	330	0 ANNUAL	PIT	5	
PINEGEN	409489	5398106	0.00706	331	331	0 ANNUAL	PIT	5	
PINEGEN	409489	5397106	0.0063	332	332	0 ANNUAL	PIT	5	
PINEGEN	408489	5401106	0.00795	339	339	0 ANNUAL	PIT	5	
PINEGEN	408489	5400106	0.00811	332.35	332.35	0 ANNUAL	PIT	5	
PINEGEN	408489	5399106	0.00785	336	336	0 ANNUAL	PIT	5	
PINEGEN	408489	5398106	0.00708	330	330	0 ANNUAL	PIT	5	
PINEGEN	408489	5397106	0.00621	332	332	0 ANNUAL	PIT	5	
PINEGEN	407489	5401106	0.00727	335.77	335.77	0 ANNUAL	PIT	5	
PINEGEN	407489	5400106	0.00735	340	340	0 ANNUAL	PIT	5	
PINEGEN	407489	5399106	0.00743	341.44	341.44	0 ANNUAL	PIT	5	
PINEGEN	407489	5398106	0.00697	330	330	0 ANNUAL	PIT	5	
PINEGEN	407489	5397106	0.00623	330	330	0 ANNUAL	PIT	5	
PINEGEN	406489	5401106	0.00673	338	338	0 ANNUAL	PIT	5	
PINEGEN	406489	5400106	0.00667	338	338	0 ANNUAL	PIT	5	
PINEGEN	406489	5399106	0.00682	334	334	0 ANNUAL	PIT	5	
PINEGEN	406489	5398106	0.00672	330	330	0 ANNUAL	PIT	5	
PINEGEN	406489	5397106	0.00621	330	330	0 ANNUAL	PIT	5	
PINEGEN	405489	5401106	0.00622	341	341	0 ANNUAL	PIT	5	
PINEGEN	405489	5400106	0.00618	340	340	0 ANNUAL	PIT	5	
PINEGEN	405489	5399106	0.0062	332	332	0 ANNUAL	PIT	5	
PINEGEN	405489	5398106	0.00632	330	330	0 ANNUAL	PIT	5	
PINEGEN	405489	5397106	0.00607	330	330	0 ANNUAL	PIT	5	
PINEGEN	409489	5402106	0.00874	336	336	0 ANNUAL	PIT	5	
PINEGEN	409489	5403106	0.00873	335	335	0 ANNUAL	PIT	5	
PINEGEN	409489	5404106	0.00837	336.7	336.7	0 ANNUAL	PIT	5	
PINEGEN	409489	5405106	0.00797	342	342	0 ANNUAL	PIT	5	
PINEGEN	409489	5406106	0.00878	344	344	0 ANNUAL	PIT	5	
PINEGEN	409489	5407106	0.00858	344.53	344.53	0 ANNUAL	PIT	5	
PINEGEN	409489	5408106	0.00806	343	343	0 ANNUAL	PIT	5	
PINEGEN	409489	5409106	0.00824	343	343	0 ANNUAL	PIT	5	
PINEGEN	409489	5410106	0.0078	340.89	340.89	0 ANNUAL	PIT	5	
PINEGEN	409489	5411106	0.00743	348	348	0 ANNUAL	PIT	5	
PINEGEN	409489	5412106	0.00681	355.12	355.12	0 ANNUAL	PIT	5	
PINEGEN	409489	5413106	0.00664	359.32	359.32	0 ANNUAL	PIT	5	
PINEGEN	409489	5414106	0.00686	355	355	0 ANNUAL	PIT	5	
PINEGEN	409489	5415106	0.00696	360	360	0 ANNUAL	PIT	5	
PINEGEN	409489	5416106	0.00648	361.39	361.39	0 ANNUAL	PIT	5	
PINEGEN	409489	5417106	0.00687	361.64	361.64	0 ANNUAL	PIT	5	
PINEGEN	408489	5402106	0.00797	330	330	0 ANNUAL	PIT	5	
PINEGEN	408489	5403106	0.00786	333	333	0 ANNUAL	PIT	5	
PINEGEN	408489	5404106	0.00738	335	335	0 ANNUAL	PIT	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	408489	5405106	0.00739	340	340	0 ANNUAL	PIT	5	
PINEGEN	408489	5406106	0.00806	341	341	0 ANNUAL	PIT	5	
PINEGEN	408489	5407106	0.0077	342	342	0 ANNUAL	PIT	5	
PINEGEN	408489	5408106	0.0073	340	340	0 ANNUAL	PIT	5	
PINEGEN	408489	5409106	0.00751	341	341	0 ANNUAL	PIT	5	
PINEGEN	408489	5410106	0.0071	343	343	0 ANNUAL	PIT	5	
PINEGEN	408489	5411106	0.00678	344	344	0 ANNUAL	PIT	5	
PINEGEN	408489	5412106	0.00628	354.96	354.96	0 ANNUAL	PIT	5	
PINEGEN	408489	5413106	0.00599	354	354	0 ANNUAL	PIT	5	
PINEGEN	408489	5414106	0.0062	357	357	0 ANNUAL	PIT	5	
PINEGEN	408489	5415106	0.00639	358	358	0 ANNUAL	PIT	5	
PINEGEN	408489	5416106	0.00604	359.51	359.51	0 ANNUAL	PIT	5	
PINEGEN	408489	5417106	0.006	349	349	0 ANNUAL	PIT	5	
PINEGEN	407489	5402106	0.00728	331	331	0 ANNUAL	PIT	5	
PINEGEN	407489	5403106	0.00707	330	330	0 ANNUAL	PIT	5	
PINEGEN	407489	5404106	0.00658	332	332	0 ANNUAL	PIT	5	
PINEGEN	407489	5405106	0.00696	334	334	0 ANNUAL	PIT	5	
PINEGEN	407489	5406106	0.00735	334	334	0 ANNUAL	PIT	5	
PINEGEN	407489	5407106	0.00696	341	341	0 ANNUAL	PIT	5	
PINEGEN	407489	5408106	0.00667	342	342	0 ANNUAL	PIT	5	
PINEGEN	407489	5409106	0.00689	345	345	0 ANNUAL	PIT	5	
PINEGEN	407489	5410106	0.00651	348	348	0 ANNUAL	PIT	5	
PINEGEN	407489	5411106	0.00625	351	351	0 ANNUAL	PIT	5	
PINEGEN	407489	5412106	0.00582	358	358	0 ANNUAL	PIT	5	
PINEGEN	407489	5413106	0.00544	359.74	359.74	0 ANNUAL	PIT	5	
PINEGEN	407489	5414106	0.00563	368	368	0 ANNUAL	PIT	5	
PINEGEN	407489	5415106	0.00582	358.6	358.6	0 ANNUAL	PIT	5	
PINEGEN	407489	5416106	0.00577	366	366	0 ANNUAL	PIT	5	
PINEGEN	407489	5417106	0.00538	346	346	0 ANNUAL	PIT	5	
PINEGEN	406489	5402106	0.00666	338	338	0 ANNUAL	PIT	5	
PINEGEN	406489	5403106	0.00635	331	331	0 ANNUAL	PIT	5	
PINEGEN	406489	5404106	0.00601	332.01	341	0 ANNUAL	PIT	5	
PINEGEN	406489	5405106	0.00659	338	338	0 ANNUAL	PIT	5	
PINEGEN	406489	5406106	0.00672	341	341	0 ANNUAL	PIT	5	
PINEGEN	406489	5407106	0.00634	344	344	0 ANNUAL	PIT	5	
PINEGEN	406489	5408106	0.00614	346	346	0 ANNUAL	PIT	5	
PINEGEN	406489	5409106	0.00635	349	349	0 ANNUAL	PIT	5	
PINEGEN	406489	5410106	0.006	356	356	0 ANNUAL	PIT	5	
PINEGEN	406489	5411106	0.00576	361	361	0 ANNUAL	PIT	5	
PINEGEN	406489	5412106	0.00537	364	364	0 ANNUAL	PIT	5	
PINEGEN	406489	5413106	0.00498	361	361	0 ANNUAL	PIT	5	
PINEGEN	406489	5414106	0.00517	358.62	358.62	0 ANNUAL	PIT	5	
PINEGEN	406489	5415106	0.00529	349	349	0 ANNUAL	PIT	5	
PINEGEN	406489	5416106	0.00534	350	350	0 ANNUAL	PIT	5	
PINEGEN	406489	5417106	0.00496	342	342	0 ANNUAL	PIT	5	
PINEGEN	405489	5402106	0.00609	339	339	0 ANNUAL	PIT	5	
PINEGEN	405489	5403106	0.00569	334	334	0 ANNUAL	PIT	5	
PINEGEN	405489	5404106	0.00563	334	334	0 ANNUAL	PIT	5	
PINEGEN	405489	5405106	0.00621	338.46	338.46	0 ANNUAL	PIT	5	
PINEGEN	405489	5406106	0.00613	341	341	0 ANNUAL	PIT	5	
PINEGEN	405489	5407106	0.0058	342	342	0 ANNUAL	PIT	5	
PINEGEN	405489	5408106	0.00567	343	343	0 ANNUAL	PIT	5	
PINEGEN	405489	5409106	0.00587	344	344	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	405489	5410106	0.00553	353	353	0 ANNUAL	PIT	5	
PINEGEN	405489	5411106	0.00533	362.66	362.66	0 ANNUAL	PIT	5	
PINEGEN	405489	5412106	0.00501	366	366	0 ANNUAL	PIT	5	
PINEGEN	405489	5413106	0.0046	360	360	0 ANNUAL	PIT	5	
PINEGEN	405489	5414106	0.00475	351.67	351.67	0 ANNUAL	PIT	5	
PINEGEN	405489	5415106	0.00483	345	345	0 ANNUAL	PIT	5	
PINEGEN	405489	5416106	0.00498	349	349	0 ANNUAL	PIT	5	
PINEGEN	405489	5417106	0.00469	343	343	0 ANNUAL	PIT	5	
TMA	420878	5414263	0.0504	376	376	0 ANNUAL	PIT	5	
TMA	420878	5414283	0.05012	376	376	0 ANNUAL	PIT	5	
TMA	420878	5414303	0.04984	376	376	0 ANNUAL	PIT	5	
TMA	420878	5414323	0.04956	375.78	375.78	0 ANNUAL	PIT	5	
TMA	420878	5414343	0.04931	375.31	375.31	0 ANNUAL	PIT	5	
TMA	420878	5414363	0.04904	375	375	0 ANNUAL	PIT	5	
TMA	420878	5414383	0.04875	375	375	0 ANNUAL	PIT	5	
TMA	420878	5414403	0.04846	375	375	0 ANNUAL	PIT	5	
TMA	420878	5414423	0.04817	375	375	0 ANNUAL	PIT	5	
TMA	420878	5414443	0.04789	375	375	0 ANNUAL	PIT	5	
TMA	420898	5414263	0.05049	376	376	0 ANNUAL	PIT	5	
TMA	420898	5414283	0.0502	376	376	0 ANNUAL	PIT	5	
TMA	420898	5414303	0.04991	376	376	0 ANNUAL	PIT	5	
TMA	420898	5414323	0.04967	375.29	375.29	0 ANNUAL	PIT	5	
TMA	420898	5414343	0.0494	375	375	0 ANNUAL	PIT	5	
TMA	420898	5414363	0.04911	375	375	0 ANNUAL	PIT	5	
TMA	420898	5414383	0.04882	375	375	0 ANNUAL	PIT	5	
TMA	420898	5414403	0.04853	375	375	0 ANNUAL	PIT	5	
TMA	420898	5414423	0.04825	375	375	0 ANNUAL	PIT	5	
TMA	420898	5414443	0.04796	375	375	0 ANNUAL	PIT	5	
TMA	420918	5414263	0.05059	375.87	375.87	0 ANNUAL	PIT	5	
TMA	420918	5414283	0.05035	375.03	375.03	0 ANNUAL	PIT	5	
TMA	420918	5414303	0.05006	375.05	375.05	0 ANNUAL	PIT	5	
TMA	420918	5414323	0.04977	375.02	375.02	0 ANNUAL	PIT	5	
TMA	420918	5414343	0.04948	375	375	0 ANNUAL	PIT	5	
TMA	420918	5414363	0.04918	375	375	0 ANNUAL	PIT	5	
TMA	420918	5414383	0.04889	375	375	0 ANNUAL	PIT	5	
TMA	420918	5414403	0.0486	375	375	0 ANNUAL	PIT	5	
TMA	420918	5414423	0.04832	375	375	0 ANNUAL	PIT	5	
TMA	420918	5414443	0.04804	375	375	0 ANNUAL	PIT	5	
TMA	420938	5414263	0.05073	375	375	0 ANNUAL	PIT	5	
TMA	420938	5414283	0.05044	375	375	0 ANNUAL	PIT	5	
TMA	420938	5414303	0.05014	375	375	0 ANNUAL	PIT	5	
TMA	420938	5414323	0.04985	375	375	0 ANNUAL	PIT	5	
TMA	420938	5414343	0.04955	375	375	0 ANNUAL	PIT	5	
TMA	420938	5414363	0.04926	375	375	0 ANNUAL	PIT	5	
TMA	420938	5414383	0.04897	375	375	0 ANNUAL	PIT	5	
TMA	420938	5414403	0.04868	375	375	0 ANNUAL	PIT	5	
TMA	420938	5414423	0.0484	375	375	0 ANNUAL	PIT	5	
TMA	420938	5414443	0.04812	375	375	0 ANNUAL	PIT	5	
TMA	420958	5414263	0.05082	375	375	0 ANNUAL	PIT	5	
TMA	420958	5414283	0.05052	375	375	0 ANNUAL	PIT	5	
TMA	420958	5414303	0.05022	375	375	0 ANNUAL	PIT	5	
TMA	420958	5414323	0.04992	375	375	0 ANNUAL	PIT	5	
TMA	420958	5414343	0.04963	375	375	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420958	5414363	0.04933	375	375	0 ANNUAL	PIT	5	
TMA	420958	5414383	0.04904	375	375	0 ANNUAL	PIT	5	
TMA	420958	5414403	0.04876	375	375	0 ANNUAL	PIT	5	
TMA	420958	5414423	0.04848	375	375	0 ANNUAL	PIT	5	
TMA	420958	5414443	0.04821	375	375	0 ANNUAL	PIT	5	
TMA	420978	5414263	0.0509	375	375	0 ANNUAL	PIT	5	
TMA	420978	5414283	0.0506	375	375	0 ANNUAL	PIT	5	
TMA	420978	5414303	0.0503	375	375	0 ANNUAL	PIT	5	
TMA	420978	5414323	0.05	375	375	0 ANNUAL	PIT	5	
TMA	420978	5414343	0.0497	375	375	0 ANNUAL	PIT	5	
TMA	420978	5414363	0.04941	375	375	0 ANNUAL	PIT	5	
TMA	420978	5414383	0.04912	375	375	0 ANNUAL	PIT	5	
TMA	420978	5414403	0.04884	375	375	0 ANNUAL	PIT	5	
TMA	420978	5414423	0.04857	375	375	0 ANNUAL	PIT	5	
TMA	420978	5414443	0.0483	375	375	0 ANNUAL	PIT	5	
TMA	420998	5414263	0.051	374.77	374.77	0 ANNUAL	PIT	5	
TMA	420998	5414283	0.05069	374.8	374.8	0 ANNUAL	PIT	5	
TMA	420998	5414303	0.05038	374.98	374.98	0 ANNUAL	PIT	5	
TMA	420998	5414323	0.05008	375	375	0 ANNUAL	PIT	5	
TMA	420998	5414343	0.04978	375	375	0 ANNUAL	PIT	5	
TMA	420998	5414363	0.04949	375	375	0 ANNUAL	PIT	5	
TMA	420998	5414383	0.04921	375	375	0 ANNUAL	PIT	5	
TMA	420998	5414403	0.04893	375	375	0 ANNUAL	PIT	5	
TMA	420998	5414423	0.04866	375	375	0 ANNUAL	PIT	5	
TMA	420998	5414443	0.0484	375	375	0 ANNUAL	PIT	5	
TMA	421018	5414263	0.05114	374	374	0 ANNUAL	PIT	5	
TMA	421018	5414283	0.05084	374.03	374.03	0 ANNUAL	PIT	5	
TMA	421018	5414303	0.0505	374.46	374.46	0 ANNUAL	PIT	5	
TMA	421018	5414323	0.05017	374.9	374.9	0 ANNUAL	PIT	5	
TMA	421018	5414343	0.04987	375	375	0 ANNUAL	PIT	5	
TMA	421018	5414363	0.04958	375	375	0 ANNUAL	PIT	5	
TMA	421018	5414383	0.0493	375	375	0 ANNUAL	PIT	5	
TMA	421018	5414403	0.04903	375	375	0 ANNUAL	PIT	5	
TMA	421018	5414423	0.04876	375	375	0 ANNUAL	PIT	5	
TMA	421018	5414443	0.04851	375	375	0 ANNUAL	PIT	5	
TMA	421038	5414263	0.05121	374.17	374.17	0 ANNUAL	PIT	5	
TMA	421038	5414283	0.05086	374.82	374.82	0 ANNUAL	PIT	5	
TMA	421038	5414303	0.05056	374.81	374.81	0 ANNUAL	PIT	5	
TMA	421038	5414323	0.05025	374.96	374.96	0 ANNUAL	PIT	5	
TMA	421038	5414343	0.04995	375	375	0 ANNUAL	PIT	5	
TMA	421038	5414363	0.04967	375	375	0 ANNUAL	PIT	5	
TMA	421038	5414383	0.0494	375	375	0 ANNUAL	PIT	5	
TMA	421038	5414403	0.04913	375	375	0 ANNUAL	PIT	5	
TMA	421038	5414423	0.04887	375	375	0 ANNUAL	PIT	5	
TMA	421038	5414443	0.04863	375	375	0 ANNUAL	PIT	5	
TMA	421058	5414263	0.05123	375	375	0 ANNUAL	PIT	5	
TMA	421058	5414283	0.05092	375	375	0 ANNUAL	PIT	5	
TMA	421058	5414303	0.05063	375	375	0 ANNUAL	PIT	5	
TMA	421058	5414323	0.05033	375	375	0 ANNUAL	PIT	5	
TMA	421058	5414343	0.05005	375	375	0 ANNUAL	PIT	5	
TMA	421058	5414363	0.04977	375	375	0 ANNUAL	PIT	5	
TMA	421058	5414383	0.0495	375	375	0 ANNUAL	PIT	5	
TMA	421058	5414403	0.04924	375.01	375.01	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421058	5414423	0.04899	375	375	0 ANNUAL	PIT	5	
TMA	421058	5414443	0.04875	375	375	0 ANNUAL	PIT	5	
TMA	421078	5414263	0.05132	375	375	0 ANNUAL	PIT	5	
TMA	421078	5414283	0.05101	375	375	0 ANNUAL	PIT	5	
TMA	421078	5414303	0.05072	375	375	0 ANNUAL	PIT	5	
TMA	421078	5414323	0.05043	375	375	0 ANNUAL	PIT	5	
TMA	421078	5414343	0.05012	375.26	375.26	0 ANNUAL	PIT	5	
TMA	421078	5414363	0.04983	375.37	375.37	0 ANNUAL	PIT	5	
TMA	421078	5414383	0.04957	375.35	375.35	0 ANNUAL	PIT	5	
TMA	421078	5414403	0.0493	375.51	375.51	0 ANNUAL	PIT	5	
TMA	421078	5414423	0.04899	376	376	0 ANNUAL	PIT	5	
TMA	421078	5414443	0.04876	376	376	0 ANNUAL	PIT	5	
TMA	421098	5414263	0.05138	375.19	375.19	0 ANNUAL	PIT	5	
TMA	421098	5414283	0.05102	375.75	375.75	0 ANNUAL	PIT	5	
TMA	421098	5414303	0.05073	375.73	375.73	0 ANNUAL	PIT	5	
TMA	421098	5414323	0.05045	375.71	375.71	0 ANNUAL	PIT	5	
TMA	421098	5414343	0.05014	375.91	375.91	0 ANNUAL	PIT	5	
TMA	421098	5414363	0.04986	376	376	0 ANNUAL	PIT	5	
TMA	421098	5414383	0.04961	376	376	0 ANNUAL	PIT	5	
TMA	421098	5414403	0.04936	376	376	0 ANNUAL	PIT	5	
TMA	421098	5414423	0.04912	376	376	0 ANNUAL	PIT	5	
TMA	421098	5414443	0.0489	376	376	0 ANNUAL	PIT	5	
TMA	421118	5414263	0.05139	376	376	0 ANNUAL	PIT	5	
TMA	421118	5414283	0.05109	376.01	376.01	0 ANNUAL	PIT	5	
TMA	421118	5414303	0.05079	376.04	376.04	0 ANNUAL	PIT	5	
TMA	421118	5414323	0.05051	376.02	376.02	0 ANNUAL	PIT	5	
TMA	421118	5414343	0.05024	376.01	376.01	0 ANNUAL	PIT	5	
TMA	421118	5414363	0.04998	376	376	0 ANNUAL	PIT	5	
TMA	421118	5414383	0.04968	376.42	376.42	0 ANNUAL	PIT	5	
TMA	421118	5414403	0.04936	376.95	376.95	0 ANNUAL	PIT	5	
TMA	421118	5414423	0.04914	376.93	376.93	0 ANNUAL	PIT	5	
TMA	421118	5414443	0.04893	376.91	376.91	0 ANNUAL	PIT	5	
TMA	421138	5414263	0.05144	376.39	376.39	0 ANNUAL	PIT	5	
TMA	421138	5414283	0.05113	376.45	376.45	0 ANNUAL	PIT	5	
TMA	421138	5414303	0.05077	377	377	0 ANNUAL	PIT	5	
TMA	421138	5414323	0.0505	377	377	0 ANNUAL	PIT	5	
TMA	421138	5414343	0.05023	377	377	0 ANNUAL	PIT	5	
TMA	421138	5414363	0.04997	377	377	0 ANNUAL	PIT	5	
TMA	421138	5414383	0.04971	377.12	377.12	0 ANNUAL	PIT	5	
TMA	421138	5414403	0.04946	377.26	377.26	0 ANNUAL	PIT	5	
TMA	421138	5414423	0.04925	377.24	377.24	0 ANNUAL	PIT	5	
TMA	421138	5414443	0.04905	377.22	377.22	0 ANNUAL	PIT	5	
TMA	421158	5414263	0.05146	377	377	0 ANNUAL	PIT	5	
TMA	421158	5414283	0.05116	377	377	0 ANNUAL	PIT	5	
TMA	421158	5414303	0.05088	377	377	0 ANNUAL	PIT	5	
TMA	421158	5414323	0.05053	377.56	377.56	0 ANNUAL	PIT	5	
TMA	421158	5414343	0.05026	377.62	377.62	0 ANNUAL	PIT	5	
TMA	421158	5414363	0.05002	377.61	377.61	0 ANNUAL	PIT	5	
TMA	421158	5414383	0.04976	377.78	377.78	0 ANNUAL	PIT	5	
TMA	421158	5414403	0.0495	378	378	0 ANNUAL	PIT	5	
TMA	421158	5414423	0.0493	378	378	0 ANNUAL	PIT	5	
TMA	421158	5414443	0.04911	378	378	0 ANNUAL	PIT	5	
TMA	421178	5414263	0.05152	377.3	377.3	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421178	5414283	0.05114	377.99	377.99	0 ANNUAL	PIT	5	
TMA	421178	5414303	0.05086	377.97	377.97	0 ANNUAL	PIT	5	
TMA	421178	5414323	0.05059	377.99	377.99	0 ANNUAL	PIT	5	
TMA	421178	5414343	0.05034	378	378	0 ANNUAL	PIT	5	
TMA	421178	5414363	0.0501	378	378	0 ANNUAL	PIT	5	
TMA	421178	5414383	0.04981	378.42	378.42	0 ANNUAL	PIT	5	
TMA	421178	5414403	0.04953	378.88	378.88	0 ANNUAL	PIT	5	
TMA	421178	5414423	0.04934	378.86	378.86	0 ANNUAL	PIT	5	
TMA	421178	5414443	0.04916	378.84	378.84	0 ANNUAL	PIT	5	
TMA	421198	5414263	0.05153	378	378	0 ANNUAL	PIT	5	
TMA	421198	5414283	0.05125	378	378	0 ANNUAL	PIT	5	
TMA	421198	5414303	0.05098	378.01	378.01	0 ANNUAL	PIT	5	
TMA	421198	5414323	0.05069	378.23	378.23	0 ANNUAL	PIT	5	
TMA	421198	5414343	0.05035	378.82	378.82	0 ANNUAL	PIT	5	
TMA	421198	5414363	0.0501	379	379	0 ANNUAL	PIT	5	
TMA	421198	5414383	0.04988	379	379	0 ANNUAL	PIT	5	
TMA	421198	5414403	0.04968	379.06	379.06	0 ANNUAL	PIT	5	
TMA	421198	5414423	0.04947	379.17	379.17	0 ANNUAL	PIT	5	
TMA	421198	5414443	0.04931	379.15	379.15	0 ANNUAL	PIT	5	
TMA	421218	5414263	0.05162	378.2	378.2	0 ANNUAL	PIT	5	
TMA	421218	5414283	0.05128	378.61	378.61	0 ANNUAL	PIT	5	
TMA	421218	5414303	0.05102	378.6	378.6	0 ANNUAL	PIT	5	
TMA	421218	5414323	0.05072	378.96	378.96	0 ANNUAL	PIT	5	
TMA	421218	5414343	0.05048	379	379	0 ANNUAL	PIT	5	
TMA	421218	5414363	0.05026	379	379	0 ANNUAL	PIT	5	
TMA	421218	5414383	0.05002	379.25	379.25	0 ANNUAL	PIT	5	
TMA	421218	5414403	0.04976	379.68	379.68	0 ANNUAL	PIT	5	
TMA	421218	5414423	0.04954	380	380	0 ANNUAL	PIT	5	
TMA	421218	5414443	0.04938	380	380	0 ANNUAL	PIT	5	
TMA	421238	5414263	0.05162	378.96	378.96	0 ANNUAL	PIT	5	
TMA	421238	5414283	0.05135	379	379	0 ANNUAL	PIT	5	
TMA	421238	5414303	0.0511	379	379	0 ANNUAL	PIT	5	
TMA	421238	5414323	0.05087	379	379	0 ANNUAL	PIT	5	
TMA	421238	5414343	0.05065	379	379	0 ANNUAL	PIT	5	
TMA	421238	5414363	0.05035	379.54	379.54	0 ANNUAL	PIT	5	
TMA	421238	5414383	0.0501	379.91	379.91	0 ANNUAL	PIT	5	
TMA	421238	5414403	0.04991	380	380	0 ANNUAL	PIT	5	
TMA	421238	5414423	0.04972	380.18	380.18	0 ANNUAL	PIT	5	
TMA	421238	5414443	0.04949	380.69	380.69	0 ANNUAL	PIT	5	
TMA	421258	5414263	0.05175	379	379	0 ANNUAL	PIT	5	
TMA	421258	5414283	0.05149	379.05	379.05	0 ANNUAL	PIT	5	
TMA	421258	5414303	0.05121	379.26	379.26	0 ANNUAL	PIT	5	
TMA	421258	5414323	0.05087	379.94	379.94	0 ANNUAL	PIT	5	
TMA	421258	5414343	0.05065	380	380	0 ANNUAL	PIT	5	
TMA	421258	5414363	0.05046	380	380	0 ANNUAL	PIT	5	
TMA	421258	5414383	0.05027	380.07	380.07	0 ANNUAL	PIT	5	
TMA	421258	5414403	0.05005	380.45	380.45	0 ANNUAL	PIT	5	
TMA	421258	5414423	0.04981	381	381	0 ANNUAL	PIT	5	
TMA	421258	5414443	0.04968	381	381	0 ANNUAL	PIT	5	
TMA	421278	5414263	0.05189	379	379	0 ANNUAL	PIT	5	
TMA	421278	5414283	0.05162	379.21	379.21	0 ANNUAL	PIT	5	
TMA	421278	5414303	0.05125	380	380	0 ANNUAL	PIT	5	
TMA	421278	5414323	0.05104	380	380	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421278	5414343	0.05085	380	380	0 ANNUAL	PIT	5	
TMA	421278	5414363	0.05061	380.31	380.31	0 ANNUAL	PIT	5	
TMA	421278	5414383	0.05037	380.74	380.74	0 ANNUAL	PIT	5	
TMA	421278	5414403	0.05018	381	381	0 ANNUAL	PIT	5	
TMA	421278	5414423	0.05003	381.1	381.1	0 ANNUAL	PIT	5	
TMA	421278	5414443	0.04988	381.34	381.34	0 ANNUAL	PIT	5	
TMA	421298	5414263	0.052	379.31	379.31	0 ANNUAL	PIT	5	
TMA	421298	5414283	0.05167	379.88	379.88	0 ANNUAL	PIT	5	
TMA	421298	5414303	0.05143	380	380	0 ANNUAL	PIT	5	
TMA	421298	5414323	0.05124	380	380	0 ANNUAL	PIT	5	
TMA	421298	5414343	0.05105	380	380	0 ANNUAL	PIT	5	
TMA	421298	5414363	0.05077	380.68	380.68	0 ANNUAL	PIT	5	
TMA	421298	5414383	0.05056	381	381	0 ANNUAL	PIT	5	
TMA	421298	5414403	0.05037	381.3	381.3	0 ANNUAL	PIT	5	
TMA	421298	5414423	0.05017	381.79	381.79	0 ANNUAL	PIT	5	
TMA	421298	5414443	0.05004	381.96	381.96	0 ANNUAL	PIT	5	
TMA	421318	5414263	0.05216	379.38	379.38	0 ANNUAL	PIT	5	
TMA	421318	5414283	0.05183	380	380	0 ANNUAL	PIT	5	
TMA	421318	5414303	0.05163	380	380	0 ANNUAL	PIT	5	
TMA	421318	5414323	0.05145	380	380	0 ANNUAL	PIT	5	
TMA	421318	5414343	0.05113	380.83	380.83	0 ANNUAL	PIT	5	
TMA	421318	5414363	0.05094	381	381	0 ANNUAL	PIT	5	
TMA	421318	5414383	0.0507	381.56	381.56	0 ANNUAL	PIT	5	
TMA	421318	5414403	0.0505	382.02	382.02	0 ANNUAL	PIT	5	
TMA	421318	5414423	0.0504	382.02	382.02	0 ANNUAL	PIT	5	
TMA	421318	5414443	0.05032	382	382	0 ANNUAL	PIT	5	
TMA	421338	5414263	0.05234	379.39	379.39	0 ANNUAL	PIT	5	
TMA	421338	5414283	0.05203	380	380	0 ANNUAL	PIT	5	
TMA	421338	5414303	0.05184	380	380	0 ANNUAL	PIT	5	
TMA	421338	5414323	0.05167	380	380	0 ANNUAL	PIT	5	
TMA	421338	5414343	0.05136	380.84	380.84	0 ANNUAL	PIT	5	
TMA	421338	5414363	0.05115	381.27	381.27	0 ANNUAL	PIT	5	
TMA	421338	5414383	0.05094	381.73	381.73	0 ANNUAL	PIT	5	
TMA	421338	5414403	0.0507	382.43	382.43	0 ANNUAL	PIT	5	
TMA	421338	5414423	0.0505	383	383	0 ANNUAL	PIT	5	
TMA	421338	5414443	0.05044	383	383	0 ANNUAL	PIT	5	
TMA	421358	5414263	0.05254	379.4	379.4	0 ANNUAL	PIT	5	
TMA	421358	5414283	0.05224	380	380	0 ANNUAL	PIT	5	
TMA	421358	5414303	0.05205	380.1	380.1	0 ANNUAL	PIT	5	
TMA	421358	5414323	0.05178	380.73	380.73	0 ANNUAL	PIT	5	
TMA	421358	5414343	0.0516	380.96	380.96	0 ANNUAL	PIT	5	
TMA	421358	5414363	0.05133	381.72	381.72	0 ANNUAL	PIT	5	
TMA	421358	5414383	0.05109	382.39	382.39	0 ANNUAL	PIT	5	
TMA	421358	5414403	0.05092	382.81	382.81	0 ANNUAL	PIT	5	
TMA	421358	5414423	0.05077	383.2	383.2	0 ANNUAL	PIT	5	
TMA	421358	5414443	0.05064	383.62	383.62	0 ANNUAL	PIT	5	
TMA	421378	5414263	0.05276	379.41	379.41	0 ANNUAL	PIT	5	
TMA	421378	5414283	0.05247	380	380	0 ANNUAL	PIT	5	
TMA	421378	5414303	0.05231	380	380	0 ANNUAL	PIT	5	
TMA	421378	5414323	0.05217	380	380	0 ANNUAL	PIT	5	
TMA	421378	5414343	0.05188	380.87	380.87	0 ANNUAL	PIT	5	
TMA	421378	5414363	0.05161	381.73	381.73	0 ANNUAL	PIT	5	
TMA	421378	5414383	0.05135	382.59	382.59	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421378	5414403	0.05111	383.44	383.44	0 ANNUAL	PIT	5	
TMA	421378	5414423	0.05094	383.97	383.97	0 ANNUAL	PIT	5	
TMA	421378	5414443	0.0509	384	384	0 ANNUAL	PIT	5	
TMA	421398	5414263	0.05302	379.25	379.25	0 ANNUAL	PIT	5	
TMA	421398	5414283	0.05277	379.72	379.72	0 ANNUAL	PIT	5	
TMA	421398	5414303	0.05258	380	380	0 ANNUAL	PIT	5	
TMA	421398	5414323	0.05245	380.01	380.01	0 ANNUAL	PIT	5	
TMA	421398	5414343	0.05217	380.88	380.88	0 ANNUAL	PIT	5	
TMA	421398	5414363	0.05191	381.74	381.74	0 ANNUAL	PIT	5	
TMA	421398	5414383	0.05166	382.61	382.61	0 ANNUAL	PIT	5	
TMA	421398	5414403	0.0514	383.6	383.6	0 ANNUAL	PIT	5	
TMA	421398	5414423	0.05117	384.5	384.5	0 ANNUAL	PIT	5	
TMA	421398	5414443	0.05103	385.05	385.05	0 ANNUAL	PIT	5	
TMA	421418	5414263	0.05332	379	379	0 ANNUAL	PIT	5	
TMA	421418	5414283	0.05311	379.3	379.3	0 ANNUAL	PIT	5	
TMA	421418	5414303	0.05285	380	380	0 ANNUAL	PIT	5	
TMA	421418	5414323	0.05273	380.03	380.03	0 ANNUAL	PIT	5	
TMA	421418	5414343	0.05247	380.89	380.89	0 ANNUAL	PIT	5	
TMA	421418	5414363	0.05223	381.75	381.75	0 ANNUAL	PIT	5	
TMA	421418	5414383	0.05192	382.99	382.99	0 ANNUAL	PIT	5	
TMA	421418	5414403	0.0516	384.27	384.27	0 ANNUAL	PIT	5	
TMA	421418	5414423	0.05138	385.2	385.2	0 ANNUAL	PIT	5	
TMA	421418	5414443	0.05127	385.64	385.64	0 ANNUAL	PIT	5	
TMA	421438	5414263	0.0535	379.46	379.46	0 ANNUAL	PIT	5	
TMA	421438	5414283	0.05326	380	380	0 ANNUAL	PIT	5	
TMA	421438	5414303	0.05315	380	380	0 ANNUAL	PIT	5	
TMA	421438	5414323	0.05304	380.04	380.04	0 ANNUAL	PIT	5	
TMA	421438	5414343	0.05279	380.9	380.9	0 ANNUAL	PIT	5	
TMA	421438	5414363	0.05242	382.48	382.48	0 ANNUAL	PIT	5	
TMA	421438	5414383	0.05214	383.6	383.6	0 ANNUAL	PIT	5	
TMA	421438	5414403	0.05182	384.93	384.93	0 ANNUAL	PIT	5	
TMA	421438	5414423	0.05152	386.23	386.23	0 ANNUAL	PIT	5	
TMA	421438	5414443	0.05137	386.86	386.86	0 ANNUAL	PIT	5	
TMA	421458	5414263	0.05368	380	380	0 ANNUAL	PIT	5	
TMA	421458	5414283	0.05356	380	380	0 ANNUAL	PIT	5	
TMA	421458	5414303	0.05342	380.19	380.19	0 ANNUAL	PIT	5	
TMA	421458	5414323	0.05317	381.05	381.05	0 ANNUAL	PIT	5	
TMA	421458	5414343	0.05293	381.91	381.91	0 ANNUAL	PIT	5	
TMA	421458	5414363	0.05266	382.97	382.97	0 ANNUAL	PIT	5	
TMA	421458	5414383	0.05234	384.36	384.36	0 ANNUAL	PIT	5	
TMA	421458	5414403	0.05204	385.61	385.61	0 ANNUAL	PIT	5	
TMA	421458	5414423	0.05183	386.55	386.55	0 ANNUAL	PIT	5	
TMA	421458	5414443	0.05164	387.4	387.4	0 ANNUAL	PIT	5	
TMA	421478	5414263	0.05398	380	380	0 ANNUAL	PIT	5	
TMA	421478	5414283	0.05383	380.21	380.21	0 ANNUAL	PIT	5	
TMA	421478	5414303	0.05363	380.81	380.81	0 ANNUAL	PIT	5	
TMA	421478	5414323	0.05339	381.65	381.65	0 ANNUAL	PIT	5	
TMA	421478	5414343	0.05316	382.5	382.5	0 ANNUAL	PIT	5	
TMA	421478	5414363	0.05288	383.7	383.7	0 ANNUAL	PIT	5	
TMA	421478	5414383	0.05257	385	385	0 ANNUAL	PIT	5	
TMA	421478	5414403	0.05228	386.28	386.28	0 ANNUAL	PIT	5	
TMA	421478	5414423	0.05203	387.38	387.38	0 ANNUAL	PIT	5	
TMA	421478	5414443	0.05184	388.24	388.24	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421498	5414263	0.05411	380.95	380.95	0 ANNUAL	PIT	5	
TMA	421498	5414283	0.05395	381.28	381.28	0 ANNUAL	PIT	5	
TMA	421498	5414303	0.05375	381.93	381.93	0 ANNUAL	PIT	5	
TMA	421498	5414323	0.05365	382.14	382.14	0 ANNUAL	PIT	5	
TMA	421498	5414343	0.05327	383.76	384	0 ANNUAL	PIT	5	
TMA	421498	5414363	0.05305	384.66	384.66	0 ANNUAL	PIT	5	
TMA	421498	5414383	0.05283	385.61	385.61	0 ANNUAL	PIT	5	
TMA	421498	5414403	0.05252	386.96	386.96	0 ANNUAL	PIT	5	
TMA	421498	5414423	0.05224	388.2	388.2	0 ANNUAL	PIT	5	
TMA	421498	5414443	0.05206	389.04	389.04	0 ANNUAL	PIT	5	
TMA	421518	5414263	0.05433	381.5	381.5	0 ANNUAL	PIT	5	
TMA	421518	5414283	0.05413	382.09	382.09	0 ANNUAL	PIT	5	
TMA	421518	5414303	0.054	382.45	382.45	0 ANNUAL	PIT	5	
TMA	421518	5414323	0.05378	383.29	383.29	0 ANNUAL	PIT	5	
TMA	421518	5414343	0.05357	384.14	384.14	0 ANNUAL	PIT	5	
TMA	421518	5414363	0.05337	384.98	384.98	0 ANNUAL	PIT	5	
TMA	421518	5414383	0.05305	386.4	386.4	0 ANNUAL	PIT	5	
TMA	421518	5414403	0.05279	387.54	387.54	0 ANNUAL	PIT	5	
TMA	421518	5414423	0.05261	388.4	388.4	0 ANNUAL	PIT	5	
TMA	421518	5414443	0.05243	389.27	389.27	0 ANNUAL	PIT	5	
TMA	421538	5414263	0.05462	381.79	381.79	0 ANNUAL	PIT	5	
TMA	421538	5414283	0.05443	382.37	382.37	0 ANNUAL	PIT	5	
TMA	421538	5414303	0.05421	383.24	383.24	0 ANNUAL	PIT	5	
TMA	421538	5414323	0.05399	384.1	384.1	0 ANNUAL	PIT	5	
TMA	421538	5414343	0.05378	384.96	384.96	0 ANNUAL	PIT	5	
TMA	421538	5414363	0.05358	385.83	385.83	0 ANNUAL	PIT	5	
TMA	421538	5414383	0.0534	386.69	386.69	0 ANNUAL	PIT	5	
TMA	421538	5414403	0.05321	387.55	387.55	0 ANNUAL	PIT	5	
TMA	421538	5414423	0.05303	388.42	388.42	0 ANNUAL	PIT	5	
TMA	421538	5414443	0.05289	389.17	389.17	0 ANNUAL	PIT	5	
TMA	421558	5414263	0.05484	382.46	382.46	0 ANNUAL	PIT	5	
TMA	421558	5414283	0.0547	382.91	382.91	0 ANNUAL	PIT	5	
TMA	421558	5414303	0.05459	383.25	383.25	0 ANNUAL	PIT	5	
TMA	421558	5414323	0.05439	384.11	384.11	0 ANNUAL	PIT	5	
TMA	421558	5414343	0.05419	384.98	384.98	0 ANNUAL	PIT	5	
TMA	421558	5414363	0.054	385.84	385.84	0 ANNUAL	PIT	5	
TMA	421558	5414383	0.05382	386.7	386.7	0 ANNUAL	PIT	5	
TMA	421558	5414403	0.05364	387.57	387.57	0 ANNUAL	PIT	5	
TMA	421558	5414423	0.05354	388.12	388.12	0 ANNUAL	PIT	5	
TMA	421558	5414443	0.05349	388.5	388.5	0 ANNUAL	PIT	5	
TMA	421578	5414263	0.05521	382.53	382.53	0 ANNUAL	PIT	5	
TMA	421578	5414283	0.05498	383.4	383.4	0 ANNUAL	PIT	5	
TMA	421578	5414303	0.05483	384	384	0 ANNUAL	PIT	5	
TMA	421578	5414323	0.0548	384.12	384.12	0 ANNUAL	PIT	5	
TMA	421578	5414343	0.05461	384.99	384.99	0 ANNUAL	PIT	5	
TMA	421578	5414363	0.05443	385.85	385.85	0 ANNUAL	PIT	5	
TMA	421578	5414383	0.05427	386.66	386.66	0 ANNUAL	PIT	5	
TMA	421578	5414403	0.05422	386.98	386.98	0 ANNUAL	PIT	5	
TMA	421578	5414423	0.05416	387.42	387.42	0 ANNUAL	PIT	5	
TMA	421578	5414443	0.05406	387.98	387.98	0 ANNUAL	PIT	5	
TMA	421598	5414263	0.0556	382.55	382.55	0 ANNUAL	PIT	5	
TMA	421598	5414283	0.05539	383.41	383.41	0 ANNUAL	PIT	5	
TMA	421598	5414303	0.05525	384	384	0 ANNUAL	PIT	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421598	5414323	0.05522	384.14	384.14	0 ANNUAL	PIT	5	
TMA	421598	5414343	0.05504	385	385	0 ANNUAL	PIT	5	
TMA	421598	5414363	0.05494	385.51	385.51	0 ANNUAL	PIT	5	
TMA	421598	5414383	0.05489	385.89	385.89	0 ANNUAL	PIT	5	
TMA	421598	5414403	0.05481	386.37	386.37	0 ANNUAL	PIT	5	
TMA	421598	5414423	0.05478	386.65	386.65	0 ANNUAL	PIT	5	
TMA	421598	5414443	0.05479	386.77	386.77	0 ANNUAL	PIT	5	
TMA	421618	5414263	0.05601	382.56	382.56	0 ANNUAL	PIT	5	
TMA	421618	5414283	0.05581	383.42	383.42	0 ANNUAL	PIT	5	
TMA	421618	5414303	0.05568	384	384	0 ANNUAL	PIT	5	
TMA	421618	5414323	0.05565	384.15	384.15	0 ANNUAL	PIT	5	
TMA	421618	5414343	0.05548	385	385	0 ANNUAL	PIT	5	
TMA	421618	5414363	0.0555	385	385	0 ANNUAL	PIT	5	
TMA	421618	5414383	0.05548	385.23	385.23	0 ANNUAL	PIT	5	
TMA	421618	5414403	0.0554	385.73	385.73	0 ANNUAL	PIT	5	
TMA	421618	5414423	0.05538	386	386	0 ANNUAL	PIT	5	
TMA	421618	5414443	0.05539	386.12	386.12	0 ANNUAL	PIT	5	
TMA	421638	5414263	0.05643	382.57	382.57	0 ANNUAL	PIT	5	
TMA	421638	5414283	0.05633	383	383	0 ANNUAL	PIT	5	
TMA	421638	5414303	0.05627	383.3	383.3	0 ANNUAL	PIT	5	
TMA	421638	5414323	0.05613	384	384	0 ANNUAL	PIT	5	
TMA	421638	5414343	0.05614	384.02	384.02	0 ANNUAL	PIT	5	
TMA	421638	5414363	0.05599	384.87	384.87	0 ANNUAL	PIT	5	
TMA	421638	5414383	0.05599	385	385	0 ANNUAL	PIT	5	
TMA	421638	5414403	0.05602	385.01	385.01	0 ANNUAL	PIT	5	
TMA	421638	5414423	0.05604	385.03	385.03	0 ANNUAL	PIT	5	
TMA	421638	5414443	0.05607	385.05	385.05	0 ANNUAL	PIT	5	
TMA	421658	5414263	0.05686	382.58	382.58	0 ANNUAL	PIT	5	
TMA	421658	5414283	0.05677	383	383	0 ANNUAL	PIT	5	
TMA	421658	5414303	0.05674	383.19	383.19	0 ANNUAL	PIT	5	
TMA	421658	5414323	0.05665	383.7	383.7	0 ANNUAL	PIT	5	
TMA	421658	5414343	0.05661	384	384	0 ANNUAL	PIT	5	
TMA	421658	5414363	0.05663	384	384	0 ANNUAL	PIT	5	
TMA	421658	5414383	0.05666	384	384	0 ANNUAL	PIT	5	
TMA	421658	5414403	0.05668	384	384	0 ANNUAL	PIT	5	
TMA	421658	5414423	0.0567	384	384	0 ANNUAL	PIT	5	
TMA	421658	5414443	0.05673	384	384	0 ANNUAL	PIT	5	
TMA	421678	5414263	0.05731	382.59	382.59	0 ANNUAL	PIT	5	
TMA	421678	5414283	0.05723	383	383	0 ANNUAL	PIT	5	
TMA	421678	5414303	0.05724	383	383	0 ANNUAL	PIT	5	
TMA	421678	5414323	0.05724	383.06	383.06	0 ANNUAL	PIT	5	
TMA	421678	5414343	0.05721	383.34	383.34	0 ANNUAL	PIT	5	
TMA	421678	5414363	0.05722	383.36	383.36	0 ANNUAL	PIT	5	
TMA	421678	5414383	0.05724	383.38	383.38	0 ANNUAL	PIT	5	
TMA	421678	5414403	0.05726	383.4	383.4	0 ANNUAL	PIT	5	
TMA	421678	5414423	0.05728	383.41	383.41	0 ANNUAL	PIT	5	
TMA	421678	5414443	0.05729	383.43	383.43	0 ANNUAL	PIT	5	
TMA	421698	5414263	0.05776	382.61	382.61	0 ANNUAL	PIT	5	
TMA	421698	5414283	0.05769	383	383	0 ANNUAL	PIT	5	
TMA	421698	5414303	0.0577	383	383	0 ANNUAL	PIT	5	
TMA	421698	5414323	0.05772	383	383	0 ANNUAL	PIT	5	
TMA	421698	5414343	0.05774	383	383	0 ANNUAL	PIT	5	
TMA	421698	5414363	0.05776	383	383	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421698	5414383	0.05778	383	383	0 ANNUAL	PIT	5	
TMA	421698	5414403	0.0578	383	383	0 ANNUAL	PIT	5	
TMA	421698	5414423	0.05781	383	383	0 ANNUAL	PIT	5	
TMA	421698	5414443	0.05788	382.67	382.67	0 ANNUAL	PIT	5	
TMA	421718	5414263	0.0582	382.75	382.75	0 ANNUAL	PIT	5	
TMA	421718	5414283	0.05816	383	383	0 ANNUAL	PIT	5	
TMA	421718	5414303	0.05818	383	383	0 ANNUAL	PIT	5	
TMA	421718	5414323	0.05819	383	383	0 ANNUAL	PIT	5	
TMA	421718	5414343	0.05821	383	383	0 ANNUAL	PIT	5	
TMA	421718	5414363	0.05823	383	383	0 ANNUAL	PIT	5	
TMA	421718	5414383	0.05828	382.81	382.81	0 ANNUAL	PIT	5	
TMA	421718	5414403	0.0583	382.78	382.78	0 ANNUAL	PIT	5	
TMA	421718	5414423	0.05838	382.38	382.38	0 ANNUAL	PIT	5	
TMA	421718	5414443	0.05845	382	382	0 ANNUAL	PIT	5	
TMA	421738	5414263	0.05862	383	383	0 ANNUAL	PIT	5	
TMA	421738	5414283	0.05864	383	383	0 ANNUAL	PIT	5	
TMA	421738	5414303	0.05865	383	383	0 ANNUAL	PIT	5	
TMA	421738	5414323	0.05867	383	383	0 ANNUAL	PIT	5	
TMA	421738	5414343	0.05869	383	383	0 ANNUAL	PIT	5	
TMA	421738	5414363	0.0587	383	383	0 ANNUAL	PIT	5	
TMA	421738	5414383	0.05886	382.19	382.19	0 ANNUAL	PIT	5	
TMA	421738	5414403	0.0589	382	382	0 ANNUAL	PIT	5	
TMA	421738	5414423	0.0589	382	382	0 ANNUAL	PIT	5	
TMA	421738	5414443	0.05893	381.8	381.8	0 ANNUAL	PIT	5	
TMA	421758	5414263	0.05889	383.97	383.97	0 ANNUAL	PIT	5	
TMA	421758	5414283	0.05892	383.95	383.95	0 ANNUAL	PIT	5	
TMA	421758	5414303	0.05901	383.59	383.59	0 ANNUAL	PIT	5	
TMA	421758	5414323	0.05915	383	383	0 ANNUAL	PIT	5	
TMA	421758	5414343	0.05917	383	383	0 ANNUAL	PIT	5	
TMA	421758	5414363	0.05918	383	383	0 ANNUAL	PIT	5	
TMA	421758	5414383	0.05933	382.18	382.18	0 ANNUAL	PIT	5	
TMA	421758	5414403	0.05936	382	382	0 ANNUAL	PIT	5	
TMA	421758	5414423	0.05943	381.55	381.55	0 ANNUAL	PIT	5	
TMA	421758	5414443	0.05949	381.12	381.12	0 ANNUAL	PIT	5	
TMA	421778	5414263	0.05931	384.28	384.28	0 ANNUAL	PIT	5	
TMA	421778	5414283	0.05934	384.26	384.26	0 ANNUAL	PIT	5	
TMA	421778	5414303	0.05938	384.15	384.15	0 ANNUAL	PIT	5	
TMA	421778	5414323	0.05947	383.81	383.81	0 ANNUAL	PIT	5	
TMA	421778	5414343	0.05961	383.18	383.18	0 ANNUAL	PIT	5	
TMA	421778	5414363	0.05965	383.01	383.01	0 ANNUAL	PIT	5	
TMA	421778	5414383	0.05978	382.3	382.3	0 ANNUAL	PIT	5	
TMA	421778	5414403	0.05982	382.04	382.04	0 ANNUAL	PIT	5	
TMA	421778	5414423	0.0599	381.44	381.44	0 ANNUAL	PIT	5	
TMA	421778	5414443	0.05995	381	381	0 ANNUAL	PIT	5	
TMA	421798	5414263	0.05951	385.59	385.59	0 ANNUAL	PIT	5	
TMA	421798	5414283	0.0596	385.27	385.27	0 ANNUAL	PIT	5	
TMA	421798	5414303	0.05973	384.82	384.82	0 ANNUAL	PIT	5	
TMA	421798	5414323	0.05983	384.39	384.39	0 ANNUAL	PIT	5	
TMA	421798	5414343	0.05994	383.94	383.94	0 ANNUAL	PIT	5	
TMA	421798	5414363	0.06003	383.5	383.5	0 ANNUAL	PIT	5	
TMA	421798	5414383	0.0601	383.07	383.07	0 ANNUAL	PIT	5	
TMA	421798	5414403	0.06023	382.29	382.29	0 ANNUAL	PIT	5	
TMA	421798	5414423	0.06031	381.68	381.68	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421798	5414443	0.06035	381.24	381.24	0 ANNUAL	PIT	5	
TMA	421818	5414263	0.05983	386.29	386.29	0 ANNUAL	PIT	5	
TMA	421818	5414283	0.05994	385.93	385.93	0 ANNUAL	PIT	5	
TMA	421818	5414303	0.06006	385.51	385.51	0 ANNUAL	PIT	5	
TMA	421818	5414323	0.06019	384.96	384.96	0 ANNUAL	PIT	5	
TMA	421818	5414343	0.06025	384.71	384.71	0 ANNUAL	PIT	5	
TMA	421818	5414363	0.0604	384	384	0 ANNUAL	PIT	5	
TMA	421818	5414383	0.06055	383.14	383.14	0 ANNUAL	PIT	5	
TMA	421818	5414403	0.06059	382.83	382.83	0 ANNUAL	PIT	5	
TMA	421818	5414423	0.06065	382.31	382.31	0 ANNUAL	PIT	5	
TMA	421818	5414443	0.06074	381.55	381.55	0 ANNUAL	PIT	5	
TMA	421838	5414263	0.0601	387.2	387.2	0 ANNUAL	PIT	5	
TMA	421838	5414283	0.06012	387.19	387.19	0 ANNUAL	PIT	5	
TMA	421838	5414303	0.06025	386.75	386.75	0 ANNUAL	PIT	5	
TMA	421838	5414323	0.06047	385.87	385.87	0 ANNUAL	PIT	5	
TMA	421838	5414343	0.06064	385.11	385.11	0 ANNUAL	PIT	5	
TMA	421838	5414363	0.06066	384.99	384.99	0 ANNUAL	PIT	5	
TMA	421838	5414383	0.06082	384.13	384.13	0 ANNUAL	PIT	5	
TMA	421838	5414403	0.06096	383.26	383.26	0 ANNUAL	PIT	5	
TMA	421838	5414423	0.06108	382.4	382.4	0 ANNUAL	PIT	5	
TMA	421838	5414443	0.06118	381.54	381.54	0 ANNUAL	PIT	5	
TMA	421858	5414263	0.06024	388.51	388.51	0 ANNUAL	PIT	5	
TMA	421858	5414283	0.06035	388.21	388.21	0 ANNUAL	PIT	5	
TMA	421858	5414303	0.06047	387.78	387.78	0 ANNUAL	PIT	5	
TMA	421858	5414323	0.06063	387.17	387.17	0 ANNUAL	PIT	5	
TMA	421858	5414343	0.06085	386.28	386.28	0 ANNUAL	PIT	5	
TMA	421858	5414363	0.06103	385.4	385.4	0 ANNUAL	PIT	5	
TMA	421858	5414383	0.0612	384.52	384.52	0 ANNUAL	PIT	5	
TMA	421858	5414403	0.06134	383.64	383.64	0 ANNUAL	PIT	5	
TMA	421858	5414423	0.06145	382.76	382.76	0 ANNUAL	PIT	5	
TMA	421858	5414443	0.06155	381.87	381.87	0 ANNUAL	PIT	5	
TMA	421878	5414263	0.06036	389.82	389.82	0 ANNUAL	PIT	5	
TMA	421878	5414283	0.06055	389.23	389.23	0 ANNUAL	PIT	5	
TMA	421878	5414303	0.06078	388.44	388.44	0 ANNUAL	PIT	5	
TMA	421878	5414323	0.06097	387.69	387.69	0 ANNUAL	PIT	5	
TMA	421878	5414343	0.06115	386.96	386.96	0 ANNUAL	PIT	5	
TMA	421878	5414363	0.06119	386.7	386.7	0 ANNUAL	PIT	5	
TMA	421878	5414383	0.06136	385.82	385.82	0 ANNUAL	PIT	5	
TMA	421878	5414403	0.06162	384.41	384.41	0 ANNUAL	PIT	5	
TMA	421878	5414423	0.06177	383.38	383.38	0 ANNUAL	PIT	5	
TMA	421878	5414443	0.06186	382.51	382.51	0 ANNUAL	PIT	5	
TMA	421898	5414263	0.06079	390.04	390.04	0 ANNUAL	PIT	5	
TMA	421898	5414283	0.06081	390	390	0 ANNUAL	PIT	5	
TMA	421898	5414303	0.06094	389.55	389.55	0 ANNUAL	PIT	5	
TMA	421898	5414323	0.06117	388.71	388.71	0 ANNUAL	PIT	5	
TMA	421898	5414343	0.06137	387.88	387.88	0 ANNUAL	PIT	5	
TMA	421898	5414363	0.06156	387	387	0 ANNUAL	PIT	5	
TMA	421898	5414383	0.06173	386.11	386.11	0 ANNUAL	PIT	5	
TMA	421898	5414403	0.06188	385.23	385.23	0 ANNUAL	PIT	5	
TMA	421898	5414423	0.062	384.35	384.35	0 ANNUAL	PIT	5	
TMA	421898	5414443	0.0621	383.47	383.47	0 ANNUAL	PIT	5	
TMA	421918	5414263	0.06111	390.59	390.59	0 ANNUAL	PIT	5	
TMA	421918	5414283	0.06124	390.17	390.17	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421918	5414303	0.06136	389.72	389.72	0 ANNUAL	PIT	5	
TMA	421918	5414323	0.06147	389.26	389.26	0 ANNUAL	PIT	5	
TMA	421918	5414343	0.06155	388.88	388.88	0 ANNUAL	PIT	5	
TMA	421918	5414363	0.06167	388.29	388.29	0 ANNUAL	PIT	5	
TMA	421918	5414383	0.06185	387.41	387.41	0 ANNUAL	PIT	5	
TMA	421918	5414403	0.062	386.53	386.53	0 ANNUAL	PIT	5	
TMA	421918	5414423	0.06218	385.46	385.46	0 ANNUAL	PIT	5	
TMA	421918	5414443	0.06238	384.12	384.12	0 ANNUAL	PIT	5	
TMA	421938	5414263	0.06146	391	391	0 ANNUAL	PIT	5	
TMA	421938	5414283	0.0615	390.84	390.84	0 ANNUAL	PIT	5	
TMA	421938	5414303	0.06163	390.37	390.37	0 ANNUAL	PIT	5	
TMA	421938	5414323	0.06174	389.9	389.9	0 ANNUAL	PIT	5	
TMA	421938	5414343	0.0618	389.54	389.54	0 ANNUAL	PIT	5	
TMA	421938	5414363	0.06193	388.93	388.93	0 ANNUAL	PIT	5	
TMA	421938	5414383	0.0621	388.07	388.07	0 ANNUAL	PIT	5	
TMA	421938	5414403	0.06225	387.2	387.2	0 ANNUAL	PIT	5	
TMA	421938	5414423	0.06244	386.08	386.08	0 ANNUAL	PIT	5	
TMA	421938	5414443	0.06257	385.06	385.06	0 ANNUAL	PIT	5	
TMA	421958	5414263	0.06193	391	391	0 ANNUAL	PIT	5	
TMA	421958	5414283	0.06191	391	391	0 ANNUAL	PIT	5	
TMA	421958	5414303	0.06188	391	391	0 ANNUAL	PIT	5	
TMA	421958	5414323	0.06184	391	391	0 ANNUAL	PIT	5	
TMA	421958	5414343	0.06186	390.77	390.77	0 ANNUAL	PIT	5	
TMA	421958	5414363	0.06207	389.89	389.89	0 ANNUAL	PIT	5	
TMA	421958	5414383	0.06225	389	389	0 ANNUAL	PIT	5	
TMA	421958	5414403	0.06241	388.12	388.12	0 ANNUAL	PIT	5	
TMA	421958	5414423	0.06255	387.24	387.24	0 ANNUAL	PIT	5	
TMA	421958	5414443	0.06276	385.88	388	0 ANNUAL	PIT	5	
TMA	421978	5414263	0.0624	391	391	0 ANNUAL	PIT	5	
TMA	421978	5414283	0.06237	391	391	0 ANNUAL	PIT	5	
TMA	421978	5414303	0.06233	391	391	0 ANNUAL	PIT	5	
TMA	421978	5414323	0.06227	391	391	0 ANNUAL	PIT	5	
TMA	421978	5414343	0.06221	391	391	0 ANNUAL	PIT	5	
TMA	421978	5414363	0.06216	390.91	390.91	0 ANNUAL	PIT	5	
TMA	421978	5414383	0.06235	390.04	390.04	0 ANNUAL	PIT	5	
TMA	421978	5414403	0.06245	389.38	389.38	0 ANNUAL	PIT	5	
TMA	421978	5414423	0.06262	388.39	388.39	0 ANNUAL	PIT	5	
TMA	421978	5414443	0.06287	387.02	387.02	0 ANNUAL	PIT	5	
TMA	421998	5414263	0.06291	390.86	390.86	0 ANNUAL	PIT	5	
TMA	421998	5414283	0.06282	391	391	0 ANNUAL	PIT	5	
TMA	421998	5414303	0.06276	391	391	0 ANNUAL	PIT	5	
TMA	421998	5414323	0.0627	391	391	0 ANNUAL	PIT	5	
TMA	421998	5414343	0.06262	391	391	0 ANNUAL	PIT	5	
TMA	421998	5414363	0.06254	390.96	390.96	0 ANNUAL	PIT	5	
TMA	421998	5414383	0.06257	390.58	390.58	0 ANNUAL	PIT	5	
TMA	421998	5414403	0.06261	390.09	390.09	0 ANNUAL	PIT	5	
TMA	421998	5414423	0.06282	388.98	388.98	0 ANNUAL	PIT	5	
TMA	421998	5414443	0.06306	387.67	387.67	0 ANNUAL	PIT	5	
TMA	422018	5414263	0.06338	390.8	390.8	0 ANNUAL	PIT	5	
TMA	422018	5414283	0.06326	391	391	0 ANNUAL	PIT	5	
TMA	422018	5414303	0.06319	391	391	0 ANNUAL	PIT	5	
TMA	422018	5414323	0.06311	391	391	0 ANNUAL	PIT	5	
TMA	422018	5414343	0.06302	391	391	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	422018	5414363	0.06292	391	391	0 ANNUAL	PIT	5	
TMA	422018	5414383	0.06281	391	391	0 ANNUAL	PIT	5	
TMA	422018	5414403	0.06296	390.16	390.16	0 ANNUAL	PIT	5	
TMA	422018	5414423	0.06309	389.29	389.29	0 ANNUAL	PIT	5	
TMA	422018	5414443	0.06337	387.86	387.86	0 ANNUAL	PIT	5	
TMA	422038	5414263	0.06409	390	390	0 ANNUAL	PIT	5	
TMA	422038	5414283	0.0638	390.68	390.68	0 ANNUAL	PIT	5	
TMA	422038	5414303	0.06361	391	391	0 ANNUAL	PIT	5	
TMA	422038	5414323	0.06352	391	391	0 ANNUAL	PIT	5	
TMA	422038	5414343	0.06341	391	391	0 ANNUAL	PIT	5	
TMA	422038	5414363	0.0633	391	391	0 ANNUAL	PIT	5	
TMA	422038	5414383	0.06318	391	391	0 ANNUAL	PIT	5	
TMA	422038	5414403	0.06328	390.29	390.29	0 ANNUAL	PIT	5	
TMA	422038	5414423	0.0634	389.43	389.43	0 ANNUAL	PIT	5	
TMA	422038	5414443	0.06367	387.96	390	0 ANNUAL	PIT	5	
TMA	422058	5414243	0.06462	389.96	389.96	0 ANNUAL	PIT	5	
TMA	422058	5414263	0.06453	390	390	0 ANNUAL	PIT	5	
TMA	422058	5414283	0.06436	390.28	390.28	0 ANNUAL	PIT	5	
TMA	422058	5414303	0.0641	390.75	390.75	0 ANNUAL	PIT	5	
TMA	422058	5414323	0.06391	391	391	0 ANNUAL	PIT	5	
TMA	422058	5414343	0.0638	391	391	0 ANNUAL	PIT	5	
TMA	422058	5414363	0.06367	391	391	0 ANNUAL	PIT	5	
TMA	422058	5414383	0.06354	391	391	0 ANNUAL	PIT	5	
TMA	422058	5414403	0.06339	391	391	0 ANNUAL	PIT	5	
TMA	422058	5414423	0.06348	390.27	390.27	0 ANNUAL	PIT	5	
TMA	422058	5414443	0.06378	388.81	388.81	0 ANNUAL	PIT	5	
TMA	422078	5414243	0.06535	389.07	389.07	0 ANNUAL	PIT	5	
TMA	422078	5414263	0.06502	389.85	389.85	0 ANNUAL	PIT	5	
TMA	422078	5414283	0.06487	390	390	0 ANNUAL	PIT	5	
TMA	422078	5414303	0.06474	390.07	390.07	0 ANNUAL	PIT	5	
TMA	422078	5414323	0.06447	390.51	390.51	0 ANNUAL	PIT	5	
TMA	422078	5414343	0.06417	391	391	0 ANNUAL	PIT	5	
TMA	422078	5414363	0.06404	391	391	0 ANNUAL	PIT	5	
TMA	422078	5414383	0.06389	390.99	390.99	0 ANNUAL	PIT	5	
TMA	422078	5414403	0.06397	390.31	390.31	0 ANNUAL	PIT	5	
TMA	422078	5414423	0.06389	390.06	390.06	0 ANNUAL	PIT	5	
TMA	422078	5414443	0.06413	388.79	388.79	0 ANNUAL	PIT	5	
TMA	422098	5414243	0.0659	388.74	388.74	0 ANNUAL	PIT	5	
TMA	422098	5414263	0.06572	388.97	388.97	0 ANNUAL	PIT	5	
TMA	422098	5414283	0.06542	389.57	389.57	0 ANNUAL	PIT	5	
TMA	422098	5414303	0.06518	389.92	389.92	0 ANNUAL	PIT	5	
TMA	422098	5414323	0.06502	390	390	0 ANNUAL	PIT	5	
TMA	422098	5414343	0.0648	390.26	390.26	0 ANNUAL	PIT	5	
TMA	422098	5414363	0.06449	390.72	390.72	0 ANNUAL	PIT	5	
TMA	422098	5414383	0.06458	390	390	0 ANNUAL	PIT	5	
TMA	422098	5414403	0.06441	390	390	0 ANNUAL	PIT	5	
TMA	422098	5414423	0.06449	389.24	389.24	0 ANNUAL	PIT	5	
TMA	422098	5414443	0.06459	388.38	388.38	0 ANNUAL	PIT	5	
TMA	422118	5414243	0.06673	387.45	387.45	0 ANNUAL	PIT	5	
TMA	422118	5414263	0.06635	388.33	388.33	0 ANNUAL	PIT	5	
TMA	422118	5414283	0.06617	388.49	388.49	0 ANNUAL	PIT	5	
TMA	422118	5414303	0.06585	389.09	389.09	0 ANNUAL	PIT	5	
TMA	422118	5414323	0.06556	389.52	389.52	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	422118	5414343	0.0654	389.54	389.54	0 ANNUAL	PIT	5	
TMA	422118	5414363	0.06524	389.56	389.56	0 ANNUAL	PIT	5	
TMA	422118	5414383	0.06507	389.58	389.58	0 ANNUAL	PIT	5	
TMA	422118	5414403	0.06489	389.6	389.6	0 ANNUAL	PIT	5	
TMA	422118	5414423	0.06495	388.85	388.85	0 ANNUAL	PIT	5	
TMA	422118	5414443	0.06504	388	388	0 ANNUAL	PIT	5	
TMA	422138	5414243	0.06729	387	387	0 ANNUAL	PIT	5	
TMA	422138	5414263	0.06712	387.14	387.14	0 ANNUAL	PIT	5	
TMA	422138	5414283	0.06679	387.78	387.78	0 ANNUAL	PIT	5	
TMA	422138	5414303	0.06654	388.12	388.12	0 ANNUAL	PIT	5	
TMA	422138	5414323	0.06624	388.58	388.58	0 ANNUAL	PIT	5	
TMA	422138	5414343	0.06595	389	389	0 ANNUAL	PIT	5	
TMA	422138	5414363	0.06578	389	389	0 ANNUAL	PIT	5	
TMA	422138	5414383	0.06562	388.96	388.96	0 ANNUAL	PIT	5	
TMA	422138	5414403	0.06563	388.35	388.35	0 ANNUAL	PIT	5	
TMA	422138	5414423	0.06554	388.07	388.07	0 ANNUAL	PIT	5	
TMA	422138	5414443	0.06557	387.36	387.36	0 ANNUAL	PIT	5	
TMA	422158	5414243	0.06805	385.84	385.84	0 ANNUAL	PIT	5	
TMA	422158	5414263	0.06787	385.98	385.98	0 ANNUAL	PIT	5	
TMA	422158	5414283	0.06753	386.65	386.65	0 ANNUAL	PIT	5	
TMA	422158	5414303	0.06728	386.96	386.96	0 ANNUAL	PIT	5	
TMA	422158	5414323	0.06698	387.43	387.43	0 ANNUAL	PIT	5	
TMA	422158	5414343	0.06666	387.92	387.92	0 ANNUAL	PIT	5	
TMA	422158	5414363	0.06647	387.94	387.94	0 ANNUAL	PIT	5	
TMA	422158	5414383	0.06629	387.96	387.96	0 ANNUAL	PIT	5	
TMA	422158	5414403	0.0661	387.98	387.98	0 ANNUAL	PIT	5	
TMA	422158	5414423	0.06615	387.2	387.2	0 ANNUAL	PIT	5	
TMA	422158	5414443	0.06621	386.36	386.36	0 ANNUAL	PIT	5	
TMA	422178	5414243	0.06882	384.56	384.56	0 ANNUAL	PIT	5	
TMA	422178	5414263	0.06843	385.44	385.44	0 ANNUAL	PIT	5	
TMA	422178	5414283	0.06824	385.56	385.56	0 ANNUAL	PIT	5	
TMA	422178	5414303	0.06789	386.2	386.2	0 ANNUAL	PIT	5	
TMA	422178	5414323	0.0676	386.6	386.6	0 ANNUAL	PIT	5	
TMA	422178	5414343	0.06742	386.61	386.61	0 ANNUAL	PIT	5	
TMA	422178	5414363	0.06723	386.63	386.63	0 ANNUAL	PIT	5	
TMA	422178	5414383	0.06704	386.65	386.65	0 ANNUAL	PIT	5	
TMA	422178	5414403	0.06685	386.67	386.67	0 ANNUAL	PIT	5	
TMA	422178	5414423	0.06682	386.13	386.13	0 ANNUAL	PIT	5	
TMA	422178	5414443	0.06672	385.8	385.8	0 ANNUAL	PIT	5	
TMA	422198	5414243	0.06957	383.26	383.26	0 ANNUAL	PIT	5	
TMA	422198	5414263	0.06919	384.14	384.14	0 ANNUAL	PIT	5	
TMA	422198	5414283	0.06884	384.83	384.83	0 ANNUAL	PIT	5	
TMA	422198	5414303	0.06857	385.17	385.17	0 ANNUAL	PIT	5	
TMA	422198	5414323	0.06836	385.29	385.29	0 ANNUAL	PIT	5	
TMA	422198	5414343	0.0681	385.56	385.56	0 ANNUAL	PIT	5	
TMA	422198	5414363	0.06779	386	386	0 ANNUAL	PIT	5	
TMA	422198	5414383	0.06761	385.94	385.94	0 ANNUAL	PIT	5	
TMA	422198	5414403	0.06758	385.39	385.39	0 ANNUAL	PIT	5	
TMA	422198	5414423	0.06739	385.38	385.38	0 ANNUAL	PIT	5	
TMA	422198	5414443	0.06727	385.13	385.13	0 ANNUAL	PIT	5	
TMA	422218	5414243	0.07008	382.91	382.91	0 ANNUAL	PIT	5	
TMA	422218	5414263	0.06989	382.99	382.99	0 ANNUAL	PIT	5	
TMA	422218	5414283	0.06953	383.74	383.74	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	422218	5414303	0.06928	383.99	383.99	0 ANNUAL	PIT	5	
TMA	422218	5414323	0.06896	384.5	384.5	0 ANNUAL	PIT	5	
TMA	422218	5414343	0.06864	385	385	0 ANNUAL	PIT	5	
TMA	422218	5414363	0.06844	385.01	385.01	0 ANNUAL	PIT	5	
TMA	422218	5414383	0.06824	385.03	385.03	0 ANNUAL	PIT	5	
TMA	422218	5414403	0.06806	385	385	0 ANNUAL	PIT	5	
TMA	422218	5414423	0.06787	385	385	0 ANNUAL	PIT	5	
TMA	422218	5414443	0.06785	384.37	384.37	0 ANNUAL	PIT	5	
TMA	422238	5414243	0.07079	381.67	381.67	0 ANNUAL	PIT	5	
TMA	422238	5414263	0.07041	382.55	382.55	0 ANNUAL	PIT	5	
TMA	422238	5414283	0.07021	382.63	382.63	0 ANNUAL	PIT	5	
TMA	422238	5414303	0.06986	383.31	383.31	0 ANNUAL	PIT	5	
TMA	422238	5414323	0.06957	383.67	383.67	0 ANNUAL	PIT	5	
TMA	422238	5414343	0.06935	383.81	383.81	0 ANNUAL	PIT	5	
TMA	422238	5414363	0.0691	384	384	0 ANNUAL	PIT	5	
TMA	422238	5414383	0.06891	384	384	0 ANNUAL	PIT	5	
TMA	422238	5414403	0.06871	384	384	0 ANNUAL	PIT	5	
TMA	422238	5414423	0.06858	383.8	383.8	0 ANNUAL	PIT	5	
TMA	422238	5414443	0.06839	383.78	383.78	0 ANNUAL	PIT	5	
TMA	422258	5414243	0.07137	381.02	381.02	0 ANNUAL	PIT	5	
TMA	422258	5414263	0.07112	381.29	381.29	0 ANNUAL	PIT	5	
TMA	422258	5414283	0.07081	381.87	381.87	0 ANNUAL	PIT	5	
TMA	422258	5414303	0.07053	382.23	382.23	0 ANNUAL	PIT	5	
TMA	422258	5414323	0.07022	382.7	382.7	0 ANNUAL	PIT	5	
TMA	422258	5414343	0.06991	383.15	383.15	0 ANNUAL	PIT	5	
TMA	422258	5414363	0.06965	383.4	383.4	0 ANNUAL	PIT	5	
TMA	422258	5414383	0.06946	383.41	383.41	0 ANNUAL	PIT	5	
TMA	422258	5414403	0.06926	383.43	383.43	0 ANNUAL	PIT	5	
TMA	422258	5414423	0.06917	383.07	383.07	0 ANNUAL	PIT	5	
TMA	422258	5414443	0.069	383	383	0 ANNUAL	PIT	5	
TMA	422278	5414243	0.072	380.09	380.09	0 ANNUAL	PIT	5	
TMA	422278	5414263	0.07162	380.96	380.96	0 ANNUAL	PIT	5	
TMA	422278	5414283	0.07142	381.01	381.01	0 ANNUAL	PIT	5	
TMA	422278	5414303	0.07107	381.69	381.69	0 ANNUAL	PIT	5	
TMA	422278	5414323	0.07079	382.03	382.03	0 ANNUAL	PIT	5	
TMA	422278	5414343	0.07059	382.07	382.07	0 ANNUAL	PIT	5	
TMA	422278	5414363	0.07039	382.09	382.09	0 ANNUAL	PIT	5	
TMA	422278	5414383	0.0702	382.11	382.11	0 ANNUAL	PIT	5	
TMA	422278	5414403	0.07	382.12	382.12	0 ANNUAL	PIT	5	
TMA	422278	5414423	0.06981	382.14	382.14	0 ANNUAL	PIT	5	
TMA	422278	5414443	0.06963	382.16	382.16	0 ANNUAL	PIT	5	
TMA	422298	5414243	0.07244	380.07	380.07	0 ANNUAL	PIT	5	
TMA	422298	5414263	0.07212	380.67	380.67	0 ANNUAL	PIT	5	
TMA	422298	5414283	0.07186	380.95	380.95	0 ANNUAL	PIT	5	
TMA	422298	5414303	0.07165	381	381	0 ANNUAL	PIT	5	
TMA	422298	5414323	0.07136	381.41	381.41	0 ANNUAL	PIT	5	
TMA	422298	5414343	0.07108	381.76	381.76	0 ANNUAL	PIT	5	
TMA	422298	5414363	0.07088	381.78	381.78	0 ANNUAL	PIT	5	
TMA	422298	5414383	0.07069	381.8	381.8	0 ANNUAL	PIT	5	
TMA	422298	5414403	0.0705	381.81	381.81	0 ANNUAL	PIT	5	
TMA	422298	5414423	0.07031	381.83	381.83	0 ANNUAL	PIT	5	
TMA	422298	5414443	0.07013	381.85	381.85	0 ANNUAL	PIT	5	
TMA	422318	5414243	0.0729	380	380	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	422318	5414263	0.0727	380	380	0 ANNUAL	PIT	5	
TMA	422318	5414283	0.07243	380.33	380.33	0 ANNUAL	PIT	5	
TMA	422318	5414303	0.07212	380.83	380.83	0 ANNUAL	PIT	5	
TMA	422318	5414323	0.07189	381	381	0 ANNUAL	PIT	5	
TMA	422318	5414343	0.07169	381	381	0 ANNUAL	PIT	5	
TMA	422318	5414363	0.0715	381	381	0 ANNUAL	PIT	5	
TMA	422318	5414383	0.07132	381	381	0 ANNUAL	PIT	5	
TMA	422318	5414403	0.07114	381	381	0 ANNUAL	PIT	5	
TMA	422318	5414423	0.07096	381	381	0 ANNUAL	PIT	5	
TMA	422318	5414443	0.07079	381	381	0 ANNUAL	PIT	5	
TMA	422338	5414243	0.07334	380	380	0 ANNUAL	PIT	5	
TMA	422338	5414263	0.07314	380	380	0 ANNUAL	PIT	5	
TMA	422338	5414283	0.07295	380	380	0 ANNUAL	PIT	5	
TMA	422338	5414303	0.07274	380.08	380.08	0 ANNUAL	PIT	5	
TMA	422338	5414323	0.07253	380.12	380.12	0 ANNUAL	PIT	5	
TMA	422338	5414343	0.07234	380.14	380.14	0 ANNUAL	PIT	5	
TMA	422338	5414363	0.07215	380.16	380.16	0 ANNUAL	PIT	5	
TMA	422338	5414383	0.07196	380.18	380.18	0 ANNUAL	PIT	5	
TMA	422338	5414403	0.07177	380.23	380.23	0 ANNUAL	PIT	5	
TMA	422338	5414423	0.07143	380.92	380.92	0 ANNUAL	PIT	5	
TMA	422338	5414443	0.07124	381	381	0 ANNUAL	PIT	5	
TMA	422358	5414243	0.07399	379.1	379.1	0 ANNUAL	PIT	5	
TMA	422358	5414263	0.07365	379.76	379.76	0 ANNUAL	PIT	5	
TMA	422358	5414283	0.0734	379.97	379.97	0 ANNUAL	PIT	5	
TMA	422358	5414303	0.0732	380	380	0 ANNUAL	PIT	5	
TMA	422358	5414323	0.07301	380	380	0 ANNUAL	PIT	5	
TMA	422358	5414343	0.07283	380	380	0 ANNUAL	PIT	5	
TMA	422358	5414363	0.07265	380	380	0 ANNUAL	PIT	5	
TMA	422358	5414383	0.07247	380	380	0 ANNUAL	PIT	5	
TMA	422358	5414403	0.0723	380	380	0 ANNUAL	PIT	5	
TMA	422358	5414423	0.07213	380	380	0 ANNUAL	PIT	5	
TMA	422358	5414443	0.07197	380	380	0 ANNUAL	PIT	5	
TMA	420878	5414493	0.04721	375	375	0 ANNUAL	PIT	5	
TMA	420878	5414543	0.04656	375	375	0 ANNUAL	PIT	5	
TMA	420878	5414593	0.04594	375.35	375.35	0 ANNUAL	PIT	5	
TMA	420878	5414643	0.04501	378.49	378.49	0 ANNUAL	PIT	5	
TMA	420878	5414693	0.04434	380	380	0 ANNUAL	PIT	5	
TMA	420878	5414743	0.04381	381	381	0 ANNUAL	PIT	5	
TMA	420878	5414793	0.04336	381.99	381.99	0 ANNUAL	PIT	5	
TMA	420878	5414843	0.04313	382.15	382.15	0 ANNUAL	PIT	5	
TMA	420878	5414893	0.04287	383.07	383.07	0 ANNUAL	PIT	5	
TMA	420878	5414943	0.04268	384	384	0 ANNUAL	PIT	5	
TMA	420878	5414993	0.04269	384	384	0 ANNUAL	PIT	5	
TMA	420878	5415043	0.04271	384.35	384.35	0 ANNUAL	PIT	5	
TMA	420878	5415093	0.04271	385	385	0 ANNUAL	PIT	5	
TMA	420878	5415143	0.04276	385.5	385.5	0 ANNUAL	PIT	5	
TMA	420878	5415193	0.04281	386	386	0 ANNUAL	PIT	5	
TMA	420928	5414493	0.04742	375	375	0 ANNUAL	PIT	5	
TMA	420928	5414543	0.04682	375	375	0 ANNUAL	PIT	5	
TMA	420928	5414593	0.04623	375.38	375.38	0 ANNUAL	PIT	5	
TMA	420928	5414643	0.04548	377.54	377.54	0 ANNUAL	PIT	5	
TMA	420928	5414693	0.04489	378.93	378.93	0 ANNUAL	PIT	5	
TMA	420928	5414743	0.04443	380	380	0 ANNUAL	PIT	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420928	5414793	0.04405	381.02	381.02	0 ANNUAL	PIT	5	
TMA	420928	5414843	0.04377	382	382	0 ANNUAL	PIT	5	
TMA	420928	5414893	0.04356	382.96	382.96	0 ANNUAL	PIT	5	
TMA	420928	5414943	0.04356	383	383	0 ANNUAL	PIT	5	
TMA	420928	5414993	0.04361	383	383	0 ANNUAL	PIT	5	
TMA	420928	5415043	0.04368	383.07	383.07	0 ANNUAL	PIT	5	
TMA	420928	5415093	0.04377	383.13	383.13	0 ANNUAL	PIT	5	
TMA	420928	5415143	0.04375	384.17	384.17	0 ANNUAL	PIT	5	
TMA	420928	5415193	0.04374	385.06	385.06	0 ANNUAL	PIT	5	
TMA	420978	5414493	0.04768	375	375	0 ANNUAL	PIT	5	
TMA	420978	5414543	0.04712	375	375	0 ANNUAL	PIT	5	
TMA	420978	5414593	0.04659	375.41	375.41	0 ANNUAL	PIT	5	
TMA	420978	5414643	0.04603	376.57	376.57	0 ANNUAL	PIT	5	
TMA	420978	5414693	0.0454	378.73	378.73	0 ANNUAL	PIT	5	
TMA	420978	5414743	0.04499	379.89	379.89	0 ANNUAL	PIT	5	
TMA	420978	5414793	0.04468	381	381	0 ANNUAL	PIT	5	
TMA	420978	5414843	0.0445	381.7	381.7	0 ANNUAL	PIT	5	
TMA	420978	5414893	0.04445	382	382	0 ANNUAL	PIT	5	
TMA	420978	5414943	0.04449	382	382	0 ANNUAL	PIT	5	
TMA	420978	5414993	0.04459	381.76	381.76	0 ANNUAL	PIT	5	
TMA	420978	5415043	0.04467	381.81	381.81	0 ANNUAL	PIT	5	
TMA	420978	5415093	0.04475	381.85	381.85	0 ANNUAL	PIT	5	
TMA	420978	5415143	0.04472	382.92	382.92	0 ANNUAL	PIT	5	
TMA	420978	5415193	0.04468	383.96	383.96	0 ANNUAL	PIT	5	
TMA	421028	5414493	0.04799	375	375	0 ANNUAL	PIT	5	
TMA	421028	5414543	0.04749	375	375	0 ANNUAL	PIT	5	
TMA	421028	5414593	0.04707	375.05	375.05	0 ANNUAL	PIT	5	
TMA	421028	5414643	0.04652	376.6	376.6	0 ANNUAL	PIT	5	
TMA	421028	5414693	0.0461	377.81	377.81	0 ANNUAL	PIT	5	
TMA	421028	5414743	0.04572	379.24	379.24	0 ANNUAL	PIT	5	
TMA	421028	5414793	0.04551	380.08	380.08	0 ANNUAL	PIT	5	
TMA	421028	5414843	0.04536	381	381	0 ANNUAL	PIT	5	
TMA	421028	5414893	0.04538	381	381	0 ANNUAL	PIT	5	
TMA	421028	5414943	0.04544	381	381	0 ANNUAL	PIT	5	
TMA	421028	5414993	0.04556	380.63	380.63	0 ANNUAL	PIT	5	
TMA	421028	5415043	0.04571	380	380	0 ANNUAL	PIT	5	
TMA	421028	5415093	0.04572	380.59	380.59	0 ANNUAL	PIT	5	
TMA	421028	5415143	0.04572	381.12	381.12	0 ANNUAL	PIT	5	
TMA	421028	5415193	0.04564	382.35	382.35	0 ANNUAL	PIT	5	
TMA	421078	5414493	0.04824	376	376	0 ANNUAL	PIT	5	
TMA	421078	5414543	0.0478	376	376	0 ANNUAL	PIT	5	
TMA	421078	5414593	0.04745	376	376	0 ANNUAL	PIT	5	
TMA	421078	5414643	0.04718	376	376	0 ANNUAL	PIT	5	
TMA	421078	5414693	0.04675	377.79	377.79	0 ANNUAL	PIT	5	
TMA	421078	5414743	0.04647	379	379	0 ANNUAL	PIT	5	
TMA	421078	5414793	0.04629	380	380	0 ANNUAL	PIT	5	
TMA	421078	5414843	0.04629	380.08	380.08	0 ANNUAL	PIT	5	
TMA	421078	5414893	0.04634	380.12	380.12	0 ANNUAL	PIT	5	
TMA	421078	5414943	0.04642	380	380	0 ANNUAL	PIT	5	
TMA	421078	5414993	0.04649	380	380	0 ANNUAL	PIT	5	
TMA	421078	5415043	0.04655	380	380	0 ANNUAL	PIT	5	
TMA	421078	5415093	0.0466	380	380	0 ANNUAL	PIT	5	
TMA	421078	5415143	0.0466	380.22	380.22	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421078	5415193	0.04647	381.63	381.63	0 ANNUAL	PIT	5	
TMA	421128	5414493	0.04855	376.91	376.91	0 ANNUAL	PIT	5	
TMA	421128	5414543	0.04828	376.31	376.31	0 ANNUAL	PIT	5	
TMA	421128	5414593	0.04804	376	376	0 ANNUAL	PIT	5	
TMA	421128	5414643	0.04784	376	376	0 ANNUAL	PIT	5	
TMA	421128	5414693	0.04758	377	377	0 ANNUAL	PIT	5	
TMA	421128	5414743	0.04729	378.7	378.7	0 ANNUAL	PIT	5	
TMA	421128	5414793	0.04714	379.79	379.79	0 ANNUAL	PIT	5	
TMA	421128	5414843	0.04716	380	380	0 ANNUAL	PIT	5	
TMA	421128	5414893	0.04724	379.85	379.85	0 ANNUAL	PIT	5	
TMA	421128	5414943	0.0473	379.9	379.9	0 ANNUAL	PIT	5	
TMA	421128	5414993	0.04745	379	379	0 ANNUAL	PIT	5	
TMA	421128	5415043	0.04749	379	379	0 ANNUAL	PIT	5	
TMA	421128	5415093	0.04749	379.09	379.09	0 ANNUAL	PIT	5	
TMA	421128	5415143	0.04738	380.25	380.25	0 ANNUAL	PIT	5	
TMA	421128	5415193	0.04724	381.41	381.41	0 ANNUAL	PIT	5	
TMA	421178	5414493	0.04891	378	378	0 ANNUAL	PIT	5	
TMA	421178	5414543	0.04871	377.46	377.46	0 ANNUAL	PIT	5	
TMA	421178	5414593	0.04859	376.84	376.84	0 ANNUAL	PIT	5	
TMA	421178	5414643	0.04857	376	376	0 ANNUAL	PIT	5	
TMA	421178	5414693	0.04838	376.85	376.85	0 ANNUAL	PIT	5	
TMA	421178	5414743	0.04829	377.44	377.44	0 ANNUAL	PIT	5	
TMA	421178	5414793	0.04824	378	378	0 ANNUAL	PIT	5	
TMA	421178	5414843	0.04822	378.53	378.53	0 ANNUAL	PIT	5	
TMA	421178	5414893	0.04827	378.58	378.58	0 ANNUAL	PIT	5	
TMA	421178	5414943	0.04835	378.22	378.22	0 ANNUAL	PIT	5	
TMA	421178	5414993	0.04835	378.54	378.54	0 ANNUAL	PIT	5	
TMA	421178	5415043	0.04832	378.99	378.99	0 ANNUAL	PIT	5	
TMA	421178	5415093	0.04829	379.12	379.12	0 ANNUAL	PIT	5	
TMA	421178	5415143	0.04814	380.28	380.28	0 ANNUAL	PIT	5	
TMA	421178	5415193	0.04796	381.44	381.44	0 ANNUAL	PIT	5	
TMA	421228	5414493	0.04924	379.77	379.77	0 ANNUAL	PIT	5	
TMA	421228	5414543	0.04922	378.6	378.6	0 ANNUAL	PIT	5	
TMA	421228	5414593	0.04918	377.99	377.99	0 ANNUAL	PIT	5	
TMA	421228	5414643	0.04924	377	377	0 ANNUAL	PIT	5	
TMA	421228	5414693	0.04923	376.88	376.88	0 ANNUAL	PIT	5	
TMA	421228	5414743	0.04922	377	377	0 ANNUAL	PIT	5	
TMA	421228	5414793	0.04925	377	377	0 ANNUAL	PIT	5	
TMA	421228	5414843	0.04928	377	377	0 ANNUAL	PIT	5	
TMA	421228	5414893	0.04931	377	377	0 ANNUAL	PIT	5	
TMA	421228	5414943	0.04924	378	378	0 ANNUAL	PIT	5	
TMA	421228	5414993	0.04924	378	378	0 ANNUAL	PIT	5	
TMA	421228	5415043	0.04914	379	379	0 ANNUAL	PIT	5	
TMA	421228	5415093	0.04907	379.15	379.15	0 ANNUAL	PIT	5	
TMA	421228	5415143	0.04888	380.31	380.31	0 ANNUAL	PIT	5	
TMA	421228	5415193	0.04864	381.47	381.47	0 ANNUAL	PIT	5	
TMA	421278	5414493	0.04976	380.81	380.81	0 ANNUAL	PIT	5	
TMA	421278	5414543	0.04977	380	380	0 ANNUAL	PIT	5	
TMA	421278	5414593	0.04986	379	379	0 ANNUAL	PIT	5	
TMA	421278	5414643	0.04998	378	378	0 ANNUAL	PIT	5	
TMA	421278	5414693	0.05011	377.01	377.01	0 ANNUAL	PIT	5	
TMA	421278	5414743	0.05013	377	377	0 ANNUAL	PIT	5	
TMA	421278	5414793	0.05016	377	377	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421278	5414843	0.05019	377	377	0 ANNUAL	PIT	5	
TMA	421278	5414893	0.05016	377.55	377.55	0 ANNUAL	PIT	5	
TMA	421278	5414943	0.05011	378	378	0 ANNUAL	PIT	5	
TMA	421278	5414993	0.05	378.98	378.98	0 ANNUAL	PIT	5	
TMA	421278	5415043	0.04993	379.02	379.02	0 ANNUAL	PIT	5	
TMA	421278	5415093	0.04975	380	380	0 ANNUAL	PIT	5	
TMA	421278	5415143	0.0496	380.09	380.09	0 ANNUAL	PIT	5	
TMA	421278	5415193	0.04935	381	381	0 ANNUAL	PIT	5	
TMA	421328	5414493	0.05034	382	382	0 ANNUAL	PIT	5	
TMA	421328	5414543	0.05049	380.8	380.8	0 ANNUAL	PIT	5	
TMA	421328	5414593	0.05065	379.7	379.7	0 ANNUAL	PIT	5	
TMA	421328	5414643	0.05083	378.59	378.59	0 ANNUAL	PIT	5	
TMA	421328	5414693	0.05093	378	378	0 ANNUAL	PIT	5	
TMA	421328	5414743	0.05107	377	377	0 ANNUAL	PIT	5	
TMA	421328	5414793	0.0511	377	377	0 ANNUAL	PIT	5	
TMA	421328	5414843	0.0511	377	377	0 ANNUAL	PIT	5	
TMA	421328	5414893	0.05101	378	378	0 ANNUAL	PIT	5	
TMA	421328	5414943	0.05091	378.74	378.74	0 ANNUAL	PIT	5	
TMA	421328	5414993	0.05073	379.9	379.9	0 ANNUAL	PIT	5	
TMA	421328	5415043	0.05062	380	380	0 ANNUAL	PIT	5	
TMA	421328	5415093	0.05047	380	380	0 ANNUAL	PIT	5	
TMA	421328	5415143	0.05029	380	380	0 ANNUAL	PIT	5	
TMA	421328	5415193	0.05003	380.53	380.53	0 ANNUAL	PIT	5	
TMA	421378	5414493	0.05093	383.58	383.58	0 ANNUAL	PIT	5	
TMA	421378	5414543	0.05116	382.34	382.34	0 ANNUAL	PIT	5	
TMA	421378	5414593	0.05153	380.27	380.27	0 ANNUAL	PIT	5	
TMA	421378	5414643	0.05174	379	379	0 ANNUAL	PIT	5	
TMA	421378	5414693	0.0519	378	378	0 ANNUAL	PIT	5	
TMA	421378	5414743	0.05203	377	377	0 ANNUAL	PIT	5	
TMA	421378	5414793	0.05203	377	377	0 ANNUAL	PIT	5	
TMA	421378	5414843	0.05199	377.25	377.25	0 ANNUAL	PIT	5	
TMA	421378	5414893	0.05188	378	378	0 ANNUAL	PIT	5	
TMA	421378	5414943	0.05172	379	379	0 ANNUAL	PIT	5	
TMA	421378	5414993	0.05152	379.93	379.93	0 ANNUAL	PIT	5	
TMA	421378	5415043	0.05136	380	380	0 ANNUAL	PIT	5	
TMA	421378	5415093	0.05117	380	380	0 ANNUAL	PIT	5	
TMA	421378	5415143	0.05092	380.28	380.28	0 ANNUAL	PIT	5	
TMA	421378	5415193	0.05067	380.24	380.24	0 ANNUAL	PIT	5	
TMA	421428	5414493	0.05145	385.79	385.79	0 ANNUAL	PIT	5	
TMA	421428	5414543	0.05194	383.58	383.58	0 ANNUAL	PIT	5	
TMA	421428	5414593	0.05238	381.31	381.31	0 ANNUAL	PIT	5	
TMA	421428	5414643	0.05272	379.15	379.15	0 ANNUAL	PIT	5	
TMA	421428	5414693	0.05289	378	378	0 ANNUAL	PIT	5	
TMA	421428	5414743	0.05291	377.83	377.83	0 ANNUAL	PIT	5	
TMA	421428	5414793	0.05296	377	377	0 ANNUAL	PIT	5	
TMA	421428	5414843	0.05287	377.48	377.48	0 ANNUAL	PIT	5	
TMA	421428	5414893	0.05273	378	378	0 ANNUAL	PIT	5	
TMA	421428	5414943	0.05252	379	379	0 ANNUAL	PIT	5	
TMA	421428	5414993	0.05227	379.96	379.96	0 ANNUAL	PIT	5	
TMA	421428	5415043	0.05207	380	380	0 ANNUAL	PIT	5	
TMA	421428	5415093	0.05181	380.28	380.28	0 ANNUAL	PIT	5	
TMA	421428	5415143	0.05147	381	381	0 ANNUAL	PIT	5	
TMA	421428	5415193	0.05118	381	381	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421478	5414493	0.05181	388.77	388.77	0 ANNUAL	PIT	5	
TMA	421478	5414543	0.05246	386.26	388	0 ANNUAL	PIT	5	
TMA	421478	5414593	0.05332	381.9	384	0 ANNUAL	PIT	5	
TMA	421478	5414643	0.05374	379.12	379.12	0 ANNUAL	PIT	5	
TMA	421478	5414693	0.05385	378.24	378.24	0 ANNUAL	PIT	5	
TMA	421478	5414743	0.05385	378	378	0 ANNUAL	PIT	5	
TMA	421478	5414793	0.05387	377.1	377.1	0 ANNUAL	PIT	5	
TMA	421478	5414843	0.05374	377.51	377.51	0 ANNUAL	PIT	5	
TMA	421478	5414893	0.05356	378	378	0 ANNUAL	PIT	5	
TMA	421478	5414943	0.0533	379	379	0 ANNUAL	PIT	5	
TMA	421478	5414993	0.053	379.99	379.99	0 ANNUAL	PIT	5	
TMA	421478	5415043	0.05276	380	380	0 ANNUAL	PIT	5	
TMA	421478	5415093	0.05245	380.31	380.31	0 ANNUAL	PIT	5	
TMA	421478	5415143	0.05207	381	381	0 ANNUAL	PIT	5	
TMA	421478	5415193	0.05175	381	381	0 ANNUAL	PIT	5	
TMA	421528	5414493	0.05258	390	390	0 ANNUAL	PIT	5	
TMA	421528	5414543	0.05342	386.82	386.82	0 ANNUAL	PIT	5	
TMA	421528	5414593	0.05428	382.5	382.5	0 ANNUAL	PIT	5	
TMA	421528	5414643	0.05465	380	380	0 ANNUAL	PIT	5	
TMA	421528	5414693	0.05475	379	379	0 ANNUAL	PIT	5	
TMA	421528	5414743	0.05479	378	378	0 ANNUAL	PIT	5	
TMA	421528	5414793	0.05469	378	378	0 ANNUAL	PIT	5	
TMA	421528	5414843	0.05457	377.72	377.72	0 ANNUAL	PIT	5	
TMA	421528	5414893	0.05436	378	378	0 ANNUAL	PIT	5	
TMA	421528	5414943	0.05405	379	379	0 ANNUAL	PIT	5	
TMA	421528	5414993	0.0537	380	380	0 ANNUAL	PIT	5	
TMA	421528	5415043	0.05342	380	380	0 ANNUAL	PIT	5	
TMA	421528	5415093	0.05307	380.34	380.34	0 ANNUAL	PIT	5	
TMA	421528	5415143	0.05266	381	381	0 ANNUAL	PIT	5	
TMA	421528	5415193	0.05232	381	381	0 ANNUAL	PIT	5	
TMA	421578	5414493	0.05416	388.02	388.02	0 ANNUAL	PIT	5	
TMA	421578	5414543	0.05479	385.45	385.45	0 ANNUAL	PIT	5	
TMA	421578	5414593	0.05547	381.53	386	0 ANNUAL	PIT	5	
TMA	421578	5414643	0.05577	379.06	379.06	0 ANNUAL	PIT	5	
TMA	421578	5414693	0.05572	378.92	378.92	0 ANNUAL	PIT	5	
TMA	421578	5414743	0.05571	378	378	0 ANNUAL	PIT	5	
TMA	421578	5414793	0.05556	378	378	0 ANNUAL	PIT	5	
TMA	421578	5414843	0.05537	378	378	0 ANNUAL	PIT	5	
TMA	421578	5414893	0.05507	378.73	378.73	0 ANNUAL	PIT	5	
TMA	421578	5414943	0.05478	379	379	0 ANNUAL	PIT	5	
TMA	421578	5414993	0.05438	380	380	0 ANNUAL	PIT	5	
TMA	421578	5415043	0.05406	380	380	0 ANNUAL	PIT	5	
TMA	421578	5415093	0.05364	380.63	380.63	0 ANNUAL	PIT	5	
TMA	421578	5415143	0.05324	381	381	0 ANNUAL	PIT	5	
TMA	421578	5415193	0.05289	381	381	0 ANNUAL	PIT	5	
TMA	421628	5414493	0.05586	385.26	385.26	0 ANNUAL	PIT	5	
TMA	421628	5414543	0.05625	383.35	383.35	0 ANNUAL	PIT	5	
TMA	421628	5414593	0.05656	381.19	381.19	0 ANNUAL	PIT	5	
TMA	421628	5414643	0.05665	380.03	380.03	0 ANNUAL	PIT	5	
TMA	421628	5414693	0.05665	379	379	0 ANNUAL	PIT	5	
TMA	421628	5414743	0.0566	378	378	0 ANNUAL	PIT	5	
TMA	421628	5414793	0.0564	378	378	0 ANNUAL	PIT	5	
TMA	421628	5414843	0.05616	378	378	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421628	5414893	0.05579	378.97	378.97	0 ANNUAL	PIT	5	
TMA	421628	5414943	0.05538	379.92	379.92	0 ANNUAL	PIT	5	
TMA	421628	5414993	0.05504	380	380	0 ANNUAL	PIT	5	
TMA	421628	5415043	0.05466	380.24	380.24	0 ANNUAL	PIT	5	
TMA	421628	5415093	0.0542	381	381	0 ANNUAL	PIT	5	
TMA	421628	5415143	0.05384	381	381	0 ANNUAL	PIT	5	
TMA	421628	5415193	0.05334	381.89	381.89	0 ANNUAL	PIT	5	
TMA	421678	5414493	0.05743	382.73	382.73	0 ANNUAL	PIT	5	
TMA	421678	5414543	0.0575	382.17	382.17	0 ANNUAL	PIT	5	
TMA	421678	5414593	0.05759	381.09	381.09	0 ANNUAL	PIT	5	
TMA	421678	5414643	0.05762	380	380	0 ANNUAL	PIT	5	
TMA	421678	5414693	0.05757	379	379	0 ANNUAL	PIT	5	
TMA	421678	5414743	0.05746	378	378	0 ANNUAL	PIT	5	
TMA	421678	5414793	0.05721	378	378	0 ANNUAL	PIT	5	
TMA	421678	5414843	0.05691	378.13	378.13	0 ANNUAL	PIT	5	
TMA	421678	5414893	0.05651	379	379	0 ANNUAL	PIT	5	
TMA	421678	5414943	0.05605	379.96	379.96	0 ANNUAL	PIT	5	
TMA	421678	5414993	0.05569	380	380	0 ANNUAL	PIT	5	
TMA	421678	5415043	0.05518	381	381	0 ANNUAL	PIT	5	
TMA	421678	5415093	0.05481	381	381	0 ANNUAL	PIT	5	
TMA	421678	5415143	0.05436	381.59	381.59	0 ANNUAL	PIT	5	
TMA	421678	5415193	0.05394	382	382	0 ANNUAL	PIT	5	
TMA	421728	5414493	0.05878	381.09	381.09	0 ANNUAL	PIT	5	
TMA	421728	5414543	0.05879	380.47	380.47	0 ANNUAL	PIT	5	
TMA	421728	5414593	0.05873	380	380	0 ANNUAL	PIT	5	
TMA	421728	5414643	0.05867	379	379	0 ANNUAL	PIT	5	
TMA	421728	5414693	0.05847	378.81	378.81	0 ANNUAL	PIT	5	
TMA	421728	5414743	0.0583	378	378	0 ANNUAL	PIT	5	
TMA	421728	5414793	0.058	378	378	0 ANNUAL	PIT	5	
TMA	421728	5414843	0.05756	379	379	0 ANNUAL	PIT	5	
TMA	421728	5414893	0.05721	379	379	0 ANNUAL	PIT	5	
TMA	421728	5414943	0.05672	380	380	0 ANNUAL	PIT	5	
TMA	421728	5414993	0.05633	380.14	380.14	0 ANNUAL	PIT	5	
TMA	421728	5415043	0.05582	381	381	0 ANNUAL	PIT	5	
TMA	421728	5415093	0.05543	381.11	381.11	0 ANNUAL	PIT	5	
TMA	421728	5415143	0.05493	382	382	0 ANNUAL	PIT	5	
TMA	421728	5415193	0.05458	382.12	382.12	0 ANNUAL	PIT	5	
TMA	421778	5414493	0.06001	380	380	0 ANNUAL	PIT	5	
TMA	421778	5414543	0.05987	380	380	0 ANNUAL	PIT	5	
TMA	421778	5414593	0.05979	379.1	379.1	0 ANNUAL	PIT	5	
TMA	421778	5414643	0.05957	379	379	0 ANNUAL	PIT	5	
TMA	421778	5414693	0.0594	378.09	378.09	0 ANNUAL	PIT	5	
TMA	421778	5414743	0.05911	378	378	0 ANNUAL	PIT	5	
TMA	421778	5414793	0.05872	378.42	378.42	0 ANNUAL	PIT	5	
TMA	421778	5414843	0.05829	379	379	0 ANNUAL	PIT	5	
TMA	421778	5414893	0.05778	380	380	0 ANNUAL	PIT	5	
TMA	421778	5414943	0.0574	380.01	380.01	0 ANNUAL	PIT	5	
TMA	421778	5414993	0.05686	381	381	0 ANNUAL	PIT	5	
TMA	421778	5415043	0.05649	381	381	0 ANNUAL	PIT	5	
TMA	421778	5415093	0.05596	382	382	0 ANNUAL	PIT	5	
TMA	421778	5415143	0.05563	382	382	0 ANNUAL	PIT	5	
TMA	421778	5415193	0.05513	383	383	0 ANNUAL	PIT	5	
TMA	421828	5414493	0.06103	380.13	380.13	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421828	5414543	0.06095	379.23	379.23	0 ANNUAL	PIT	5	
TMA	421828	5414593	0.06074	379	379	0 ANNUAL	PIT	5	
TMA	421828	5414643	0.06045	378.98	378.98	0 ANNUAL	PIT	5	
TMA	421828	5414693	0.06025	378	378	0 ANNUAL	PIT	5	
TMA	421828	5414743	0.0599	378.04	378.04	0 ANNUAL	PIT	5	
TMA	421828	5414793	0.05941	379	379	0 ANNUAL	PIT	5	
TMA	421828	5414843	0.05892	379.73	379.73	0 ANNUAL	PIT	5	
TMA	421828	5414893	0.05849	380	380	0 ANNUAL	PIT	5	
TMA	421828	5414943	0.05794	381	381	0 ANNUAL	PIT	5	
TMA	421828	5414993	0.05753	381.18	381.18	0 ANNUAL	PIT	5	
TMA	421828	5415043	0.05702	382	382	0 ANNUAL	PIT	5	
TMA	421828	5415093	0.05661	382.41	382.41	0 ANNUAL	PIT	5	
TMA	421828	5415143	0.05619	383	383	0 ANNUAL	PIT	5	
TMA	421828	5415193	0.05581	383.58	383.58	0 ANNUAL	PIT	5	
TMA	421878	5414493	0.062	380.35	380.35	0 ANNUAL	PIT	5	
TMA	421878	5414543	0.06191	379.2	379.2	0 ANNUAL	PIT	5	
TMA	421878	5414593	0.06163	379	379	0 ANNUAL	PIT	5	
TMA	421878	5414643	0.0613	379	379	0 ANNUAL	PIT	5	
TMA	421878	5414693	0.06096	378.84	378.84	0 ANNUAL	PIT	5	
TMA	421878	5414743	0.0606	378.65	378.65	0 ANNUAL	PIT	5	
TMA	421878	5414793	0.06016	379	379	0 ANNUAL	PIT	5	
TMA	421878	5414843	0.05961	380	380	0 ANNUAL	PIT	5	
TMA	421878	5414893	0.05907	380.91	380.91	0 ANNUAL	PIT	5	
TMA	421878	5414943	0.05867	381.01	381.01	0 ANNUAL	PIT	5	
TMA	421878	5414993	0.05812	382	382	0 ANNUAL	PIT	5	
TMA	421878	5415043	0.0577	382.46	382.46	0 ANNUAL	PIT	5	
TMA	421878	5415093	0.05729	383	383	0 ANNUAL	PIT	5	
TMA	421878	5415143	0.05687	383.71	383.71	0 ANNUAL	PIT	5	
TMA	421878	5415193	0.05659	384	384	0 ANNUAL	PIT	5	
TMA	421928	5414493	0.06282	381.32	381.32	0 ANNUAL	PIT	5	
TMA	421928	5414543	0.06272	380	380	0 ANNUAL	PIT	5	
TMA	421928	5414593	0.06251	379	379	0 ANNUAL	PIT	5	
TMA	421928	5414643	0.06214	379	379	0 ANNUAL	PIT	5	
TMA	421928	5414693	0.06174	379	379	0 ANNUAL	PIT	5	
TMA	421928	5414743	0.06134	379	379	0 ANNUAL	PIT	5	
TMA	421928	5414793	0.06084	379.63	379.63	0 ANNUAL	PIT	5	
TMA	421928	5414843	0.06038	380	380	0 ANNUAL	PIT	5	
TMA	421928	5414893	0.05982	380.94	380.94	0 ANNUAL	PIT	5	
TMA	421928	5414943	0.05943	381.1	381.1	0 ANNUAL	PIT	5	
TMA	421928	5414993	0.0589	382.11	382.11	0 ANNUAL	PIT	5	
TMA	421928	5415043	0.05842	383	383	0 ANNUAL	PIT	5	
TMA	421928	5415093	0.05801	383.72	383.72	0 ANNUAL	PIT	5	
TMA	421928	5415143	0.05768	384.21	384.21	0 ANNUAL	PIT	5	
TMA	421928	5415193	0.05732	385	385	0 ANNUAL	PIT	5	
TMA	421978	5414493	0.06338	383.34	383.34	0 ANNUAL	PIT	5	
TMA	421978	5414543	0.06359	380.14	380.14	0 ANNUAL	PIT	5	
TMA	421978	5414593	0.06337	379	379	0 ANNUAL	PIT	5	
TMA	421978	5414643	0.06297	379	379	0 ANNUAL	PIT	5	
TMA	421978	5414693	0.06256	379	379	0 ANNUAL	PIT	5	
TMA	421978	5414743	0.06214	379	379	0 ANNUAL	PIT	5	
TMA	421978	5414793	0.06163	379.66	379.66	0 ANNUAL	PIT	5	
TMA	421978	5414843	0.06119	380	380	0 ANNUAL	PIT	5	
TMA	421978	5414893	0.06064	381	381	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421978	5414943	0.06011	382	382	0 ANNUAL	PIT	5	
TMA	421978	5414993	0.05975	382.29	382.29	0 ANNUAL	PIT	5	
TMA	421978	5415043	0.05924	383.45	383.45	0 ANNUAL	PIT	5	
TMA	421978	5415093	0.05882	384.37	384.37	0 ANNUAL	PIT	5	
TMA	421978	5415143	0.0585	385	385	0 ANNUAL	PIT	5	
TMA	421978	5415193	0.05813	385.96	385.96	0 ANNUAL	PIT	5	
TMA	422028	5414493	0.06419	383.64	386	0 ANNUAL	PIT	5	
TMA	422028	5414543	0.06447	380.15	380.15	0 ANNUAL	PIT	5	
TMA	422028	5414593	0.06418	379.34	379.34	0 ANNUAL	PIT	5	
TMA	422028	5414643	0.06378	379.23	379.23	0 ANNUAL	PIT	5	
TMA	422028	5414693	0.0634	379	379	0 ANNUAL	PIT	5	
TMA	422028	5414743	0.06299	379	379	0 ANNUAL	PIT	5	
TMA	422028	5414793	0.06248	379.69	379.69	0 ANNUAL	PIT	5	
TMA	422028	5414843	0.06206	380	380	0 ANNUAL	PIT	5	
TMA	422028	5414893	0.06154	381	381	0 ANNUAL	PIT	5	
TMA	422028	5414943	0.06104	382	382	0 ANNUAL	PIT	5	
TMA	422028	5414993	0.06049	383.31	383.31	0 ANNUAL	PIT	5	
TMA	422028	5415043	0.06001	384.45	384.45	0 ANNUAL	PIT	5	
TMA	422028	5415093	0.05957	385.56	385.56	0 ANNUAL	PIT	5	
TMA	422028	5415143	0.05933	386	386	0 ANNUAL	PIT	5	
TMA	422028	5415193	0.05898	386.99	386.99	0 ANNUAL	PIT	5	
TMA	422078	5414493	0.06488	384.47	384.47	0 ANNUAL	PIT	5	
TMA	422078	5414543	0.06516	381.12	381.12	0 ANNUAL	PIT	5	
TMA	422078	5414593	0.06494	380	380	0 ANNUAL	PIT	5	
TMA	422078	5414643	0.06451	380	380	0 ANNUAL	PIT	5	
TMA	422078	5414693	0.06409	380	380	0 ANNUAL	PIT	5	
TMA	422078	5414743	0.0638	379.47	379.47	0 ANNUAL	PIT	5	
TMA	422078	5414793	0.0634	379.72	379.72	0 ANNUAL	PIT	5	
TMA	422078	5414843	0.06302	380	380	0 ANNUAL	PIT	5	
TMA	422078	5414893	0.06252	381.04	381.04	0 ANNUAL	PIT	5	
TMA	422078	5414943	0.06196	382.43	382.43	0 ANNUAL	PIT	5	
TMA	422078	5414993	0.06137	384.09	384.09	0 ANNUAL	PIT	5	
TMA	422078	5415043	0.06082	385.61	385.61	0 ANNUAL	PIT	5	
TMA	422078	5415093	0.06037	386.82	386.82	0 ANNUAL	PIT	5	
TMA	422078	5415143	0.05995	388	388	0 ANNUAL	PIT	5	
TMA	422078	5415193	0.05986	388.06	388.06	0 ANNUAL	PIT	5	
TMA	422128	5414493	0.06555	385.2	385.2	0 ANNUAL	PIT	5	
TMA	422128	5414543	0.06585	382.09	382.09	0 ANNUAL	PIT	5	
TMA	422128	5414593	0.06566	380.89	380.89	0 ANNUAL	PIT	5	
TMA	422128	5414643	0.06542	380	380	0 ANNUAL	PIT	5	
TMA	422128	5414693	0.06503	380	380	0 ANNUAL	PIT	5	
TMA	422128	5414743	0.06467	380	380	0 ANNUAL	PIT	5	
TMA	422128	5414793	0.06435	380	380	0 ANNUAL	PIT	5	
TMA	422128	5414843	0.06406	380	380	0 ANNUAL	PIT	5	
TMA	422128	5414893	0.06359	381.07	381.07	0 ANNUAL	PIT	5	
TMA	422128	5414943	0.06289	383.22	383.22	0 ANNUAL	PIT	5	
TMA	422128	5414993	0.06223	385.2	385.2	0 ANNUAL	PIT	5	
TMA	422128	5415043	0.06174	386.54	386.54	0 ANNUAL	PIT	5	
TMA	422128	5415093	0.06114	388.3	388.3	0 ANNUAL	PIT	5	
TMA	422128	5415143	0.06076	389.33	389.33	0 ANNUAL	PIT	5	
TMA	422128	5415193	0.0605	389.99	389.99	0 ANNUAL	PIT	5	
TMA	422178	5414493	0.0667	384.17	384.17	0 ANNUAL	PIT	5	
TMA	422178	5414543	0.06654	383	383	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	422178	5414593	0.06639	381.86	381.86	0	ANNUAL PIT	5	
TMA	422178	5414643	0.06619	381	381	0	ANNUAL PIT	5	
TMA	422178	5414693	0.06583	381	381	0	ANNUAL PIT	5	
TMA	422178	5414743	0.0655	381	381	0	ANNUAL PIT	5	
TMA	422178	5414793	0.06539	380.22	380.22	0	ANNUAL PIT	5	
TMA	422178	5414843	0.0652	380	380	0	ANNUAL PIT	5	
TMA	422178	5414893	0.06475	381.1	381.1	0	ANNUAL PIT	5	
TMA	422178	5414943	0.06408	383.25	383.25	0	ANNUAL PIT	5	
TMA	422178	5414993	0.06339	385.41	385.41	0	ANNUAL PIT	5	
TMA	422178	5415043	0.06268	387.57	387.57	0	ANNUAL PIT	5	
TMA	422178	5415093	0.06219	388.92	388.92	0	ANNUAL PIT	5	
TMA	422178	5415143	0.06179	390	390	0	ANNUAL PIT	5	
TMA	422178	5415193	0.06172	390	390	0	ANNUAL PIT	5	
TMA	422228	5414493	0.06793	383.07	383.07	0	ANNUAL PIT	5	
TMA	422228	5414543	0.06764	382.52	382.52	0	ANNUAL PIT	5	
TMA	422228	5414593	0.06737	382	382	0	ANNUAL PIT	5	
TMA	422228	5414643	0.06725	381	381	0	ANNUAL PIT	5	
TMA	422228	5414693	0.06693	381	381	0	ANNUAL PIT	5	
TMA	422228	5414743	0.06665	381	381	0	ANNUAL PIT	5	
TMA	422228	5414793	0.06636	381.2	381.2	0	ANNUAL PIT	5	
TMA	422228	5414843	0.0662	381	381	0	ANNUAL PIT	5	
TMA	422228	5414893	0.066	381.13	381.13	0	ANNUAL PIT	5	
TMA	422228	5414943	0.06535	383.28	383.28	0	ANNUAL PIT	5	
TMA	422228	5414993	0.06467	385.44	385.44	0	ANNUAL PIT	5	
TMA	422228	5415043	0.06395	387.6	387.6	0	ANNUAL PIT	5	
TMA	422228	5415093	0.06344	389	389	0	ANNUAL PIT	5	
TMA	422228	5415143	0.06303	390	390	0	ANNUAL PIT	5	
TMA	422228	5415193	0.06293	390	390	0	ANNUAL PIT	5	
TMA	422278	5414493	0.06923	382.02	382.02	0	ANNUAL PIT	5	
TMA	422278	5414543	0.06883	382	382	0	ANNUAL PIT	5	
TMA	422278	5414593	0.06847	382	382	0	ANNUAL PIT	5	
TMA	422278	5414643	0.06815	382	382	0	ANNUAL PIT	5	
TMA	422278	5414693	0.06788	382	382	0	ANNUAL PIT	5	
TMA	422278	5414743	0.06764	382	382	0	ANNUAL PIT	5	
TMA	422278	5414793	0.06744	382	382	0	ANNUAL PIT	5	
TMA	422278	5414843	0.06727	382	382	0	ANNUAL PIT	5	
TMA	422278	5414893	0.067	382.52	382.52	0	ANNUAL PIT	5	
TMA	422278	5414943	0.06641	384.31	384.31	0	ANNUAL PIT	5	
TMA	422278	5414993	0.06583	386	386	0	ANNUAL PIT	5	
TMA	422278	5415043	0.06525	387.63	387.63	0	ANNUAL PIT	5	
TMA	422278	5415093	0.06477	388.79	388.79	0	ANNUAL PIT	5	
TMA	422278	5415143	0.06427	389.95	389.95	0	ANNUAL PIT	5	
TMA	422278	5415193	0.0641	390	390	0	ANNUAL PIT	5	
TMA	422328	5414493	0.07061	381	381	0	ANNUAL PIT	5	
TMA	422328	5414543	0.07026	381	381	0	ANNUAL PIT	5	
TMA	422328	5414593	0.06988	381.23	381.23	0	ANNUAL PIT	5	
TMA	422328	5414643	0.06941	382	382	0	ANNUAL PIT	5	
TMA	422328	5414693	0.06917	382	382	0	ANNUAL PIT	5	
TMA	422328	5414743	0.06897	382	382	0	ANNUAL PIT	5	
TMA	422328	5414793	0.06854	383	383	0	ANNUAL PIT	5	
TMA	422328	5414843	0.06838	383.02	383.02	0	ANNUAL PIT	5	
TMA	422328	5414893	0.06795	384.13	384.13	0	ANNUAL PIT	5	
TMA	422328	5414943	0.06752	385.23	385.23	0	ANNUAL PIT	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	422328	5414993	0.06702	386.5	386.5	0 ANNUAL	PIT	5	
TMA	422328	5415043	0.06653	387.66	387.66	0 ANNUAL	PIT	5	
TMA	422328	5415093	0.066	388.82	388.82	0 ANNUAL	PIT	5	
TMA	422328	5415143	0.06575	389	389	0 ANNUAL	PIT	5	
TMA	422328	5415193	0.0652	390	390	0 ANNUAL	PIT	5	
TMA	422378	5415043	0.06777	387.69	387.69	0 ANNUAL	PIT	5	
TMA	422378	5415093	0.06738	388.18	388.18	0 ANNUAL	PIT	5	
TMA	422378	5415143	0.06685	389	389	0 ANNUAL	PIT	5	
TMA	422378	5415193	0.06639	389.42	389.42	0 ANNUAL	PIT	5	
TMA	422428	5415043	0.06915	387	387	0 ANNUAL	PIT	5	
TMA	422428	5415093	0.06856	387.88	387.88	0 ANNUAL	PIT	5	
TMA	422428	5415143	0.06815	388	388	0 ANNUAL	PIT	5	
TMA	422428	5415193	0.06741	389	389	0 ANNUAL	PIT	5	
TMA	422478	5415043	0.07023	387	387	0 ANNUAL	PIT	5	
TMA	422478	5415093	0.0698	387	387	0 ANNUAL	PIT	5	
TMA	422478	5415143	0.06901	388	388	0 ANNUAL	PIT	5	
TMA	422478	5415193	0.0684	388.23	388.23	0 ANNUAL	PIT	5	
TMA	422528	5415043	0.07119	387	387	0 ANNUAL	PIT	5	
TMA	422528	5415093	0.07035	387.94	387.94	0 ANNUAL	PIT	5	
TMA	422528	5415143	0.06974	388	388	0 ANNUAL	PIT	5	
TMA	422528	5415193	0.06877	389	389	0 ANNUAL	PIT	5	
TMA	422578	5415043	0.072	387	387	0 ANNUAL	PIT	5	
TMA	422578	5415093	0.07103	388	388	0 ANNUAL	PIT	5	
TMA	422578	5415143	0.07028	388.13	388.13	0 ANNUAL	PIT	5	
TMA	422578	5415193	0.06923	389	389	0 ANNUAL	PIT	5	
TMA	422628	5415043	0.07239	387.84	387.84	0 ANNUAL	PIT	5	
TMA	422628	5415093	0.07157	388	388	0 ANNUAL	PIT	5	
TMA	422628	5415143	0.07042	389	389	0 ANNUAL	PIT	5	
TMA	422628	5415193	0.06956	389	389	0 ANNUAL	PIT	5	
TMA	422678	5415043	0.07284	388	388	0 ANNUAL	PIT	5	
TMA	422678	5415093	0.07196	388.03	388.03	0 ANNUAL	PIT	5	
TMA	422678	5415143	0.07072	389	389	0 ANNUAL	PIT	5	
TMA	422678	5415193	0.06966	389.35	389.35	0 ANNUAL	PIT	5	
TMA	422728	5415043	0.07321	388	388	0 ANNUAL	PIT	5	
TMA	422728	5415093	0.07189	389	389	0 ANNUAL	PIT	5	
TMA	422728	5415143	0.07083	389.22	389.22	0 ANNUAL	PIT	5	
TMA	422728	5415193	0.06955	390	390	0 ANNUAL	PIT	5	
TMA	422778	5415043	0.07312	388.93	388.93	0 ANNUAL	PIT	5	
TMA	422778	5415093	0.07203	389.09	389.09	0 ANNUAL	PIT	5	
TMA	422778	5415143	0.07065	390	390	0 ANNUAL	PIT	5	
TMA	422778	5415193	0.06949	390.36	390.36	0 ANNUAL	PIT	5	
TMA	422828	5415043	0.07325	389	389	0 ANNUAL	PIT	5	
TMA	422828	5415093	0.07205	389.34	389.34	0 ANNUAL	PIT	5	
TMA	422828	5415143	0.07073	390	390	0 ANNUAL	PIT	5	
TMA	422828	5415193	0.06931	391	391	0 ANNUAL	PIT	5	
TMA	422878	5415043	0.07336	389	389	0 ANNUAL	PIT	5	
TMA	422878	5415093	0.07188	390	390	0 ANNUAL	PIT	5	
TMA	422878	5415143	0.07083	390	390	0 ANNUAL	PIT	5	
TMA	422878	5415193	0.06941	391	391	0 ANNUAL	PIT	5	
TMA	422928	5415043	0.07307	390	390	0 ANNUAL	PIT	5	
TMA	422928	5415093	0.07201	390	390	0 ANNUAL	PIT	5	
TMA	422928	5415143	0.07064	390.84	390.84	0 ANNUAL	PIT	5	
TMA	422928	5415193	0.06939	391.5	391.5	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	422978	5415043	0.07324	390.01	390.01	0 ANNUAL	PIT	5	
TMA	422978	5415093	0.07178	391	391	0 ANNUAL	PIT	5	
TMA	422978	5415143	0.07066	391.37	391.37	0 ANNUAL	PIT	5	
TMA	422978	5415193	0.06948	392	392	0 ANNUAL	PIT	5	
TMA	423028	5415043	0.07348	390.08	390.08	0 ANNUAL	PIT	5	
TMA	423028	5415093	0.07211	391	391	0 ANNUAL	PIT	5	
TMA	423028	5415143	0.07076	392	392	0 ANNUAL	PIT	5	
TMA	423028	5415193	0.06987	392.14	392.14	0 ANNUAL	PIT	5	
TMA	423078	5415043	0.07348	391	391	0 ANNUAL	PIT	5	
TMA	423078	5415093	0.07252	391.17	391.17	0 ANNUAL	PIT	5	
TMA	423078	5415143	0.07132	392	392	0 ANNUAL	PIT	5	
TMA	423078	5415193	0.0702	392.8	392.8	0 ANNUAL	PIT	5	
TMA	423128	5415043	0.07407	391	391	0 ANNUAL	PIT	5	
TMA	423128	5415093	0.07313	391.3	391.3	0 ANNUAL	PIT	5	
TMA	423128	5415143	0.07207	392	392	0 ANNUAL	PIT	5	
TMA	423128	5415193	0.07094	393	393	0 ANNUAL	PIT	5	
TMA	420828	5414293	0.04976	376	376	0 ANNUAL	PIT	5	
TMA	420828	5414343	0.04907	376	376	0 ANNUAL	PIT	5	
TMA	420828	5414393	0.04841	375.31	375.31	0 ANNUAL	PIT	5	
TMA	420828	5414443	0.04772	375	375	0 ANNUAL	PIT	5	
TMA	420828	5414493	0.04702	375	375	0 ANNUAL	PIT	5	
TMA	420828	5414543	0.04636	375	375	0 ANNUAL	PIT	5	
TMA	420828	5414593	0.04554	376.79	376.79	0 ANNUAL	PIT	5	
TMA	420828	5414643	0.0446	379.61	379.61	0 ANNUAL	PIT	5	
TMA	420828	5414693	0.04387	381	381	0 ANNUAL	PIT	5	
TMA	420828	5414743	0.04329	381.87	381.87	0 ANNUAL	PIT	5	
TMA	420828	5414793	0.0429	382	382	0 ANNUAL	PIT	5	
TMA	420828	5414843	0.04247	383	383	0 ANNUAL	PIT	5	
TMA	420828	5414893	0.04212	384	384	0 ANNUAL	PIT	5	
TMA	420828	5414943	0.04197	384.23	384.23	0 ANNUAL	PIT	5	
TMA	420828	5414993	0.04182	385	385	0 ANNUAL	PIT	5	
TMA	420828	5415043	0.04185	385	385	0 ANNUAL	PIT	5	
TMA	420828	5415093	0.04178	385.97	385.97	0 ANNUAL	PIT	5	
TMA	420828	5415143	0.04188	386	386	0 ANNUAL	PIT	5	
TMA	420828	5415193	0.04201	386	386	0 ANNUAL	PIT	5	
TMA	420778	5414143	0.05098	378	378	0 ANNUAL	PIT	5	
TMA	420778	5414193	0.05058	377	377	0 ANNUAL	PIT	5	
TMA	420778	5414243	0.05005	377	377	0 ANNUAL	PIT	5	
TMA	420778	5414293	0.0495	376.2	376.2	0 ANNUAL	PIT	5	
TMA	420778	5414343	0.04887	376	376	0 ANNUAL	PIT	5	
TMA	420778	5414393	0.04819	376	376	0 ANNUAL	PIT	5	
TMA	420778	5414443	0.04756	375	375	0 ANNUAL	PIT	5	
TMA	420778	5414493	0.04686	375	375	0 ANNUAL	PIT	5	
TMA	420778	5414543	0.04617	375.13	375.13	0 ANNUAL	PIT	5	
TMA	420778	5414593	0.04527	377.58	377.58	0 ANNUAL	PIT	5	
TMA	420778	5414643	0.04429	380.45	380.45	0 ANNUAL	PIT	5	
TMA	420778	5414693	0.04349	382	382	0 ANNUAL	PIT	5	
TMA	420778	5414743	0.04289	382.48	382.48	0 ANNUAL	PIT	5	
TMA	420778	5414793	0.04237	383	383	0 ANNUAL	PIT	5	
TMA	420778	5414843	0.0419	383.74	383.74	0 ANNUAL	PIT	5	
TMA	420778	5414893	0.0416	384	384	0 ANNUAL	PIT	5	
TMA	420778	5414943	0.04126	385	385	0 ANNUAL	PIT	5	
TMA	420778	5414993	0.04116	385	385	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420778	5415043	0.04114	385	385	0 ANNUAL	PIT	5	
TMA	420778	5415093	0.04116	385.05	385.05	0 ANNUAL	PIT	5	
TMA	420778	5415143	0.04125	385.01	385.01	0 ANNUAL	PIT	5	
TMA	420778	5415193	0.04135	385	385	0 ANNUAL	PIT	5	
TMA	420728	5413493	0.04903	376	376	0 ANNUAL	PIT	5	
TMA	420728	5413543	0.04937	377	377	0 ANNUAL	PIT	5	
TMA	420728	5413593	0.04971	378	378	0 ANNUAL	PIT	5	
TMA	420728	5413643	0.05001	378.9	378.9	0 ANNUAL	PIT	5	
TMA	420728	5413693	0.05033	379.37	379.37	0 ANNUAL	PIT	5	
TMA	420728	5413743	0.05056	380	380	0 ANNUAL	PIT	5	
TMA	420728	5413793	0.0508	380	380	0 ANNUAL	PIT	5	
TMA	420728	5413843	0.05097	380	380	0 ANNUAL	PIT	5	
TMA	420728	5413893	0.05106	380	380	0 ANNUAL	PIT	5	
TMA	420728	5413943	0.05108	380	380	0 ANNUAL	PIT	5	
TMA	420728	5413993	0.05101	380	380	0 ANNUAL	PIT	5	
TMA	420728	5414043	0.05092	379.48	379.48	0 ANNUAL	PIT	5	
TMA	420728	5414093	0.05079	378.32	378.32	0 ANNUAL	PIT	5	
TMA	420728	5414143	0.0505	378	378	0 ANNUAL	PIT	5	
TMA	420728	5414193	0.05015	377.38	377.38	0 ANNUAL	PIT	5	
TMA	420728	5414243	0.04968	377.43	377.43	0 ANNUAL	PIT	5	
TMA	420728	5414293	0.04914	377.47	377.47	0 ANNUAL	PIT	5	
TMA	420728	5414343	0.04858	377	377	0 ANNUAL	PIT	5	
TMA	420728	5414393	0.048	376	376	0 ANNUAL	PIT	5	
TMA	420728	5414443	0.04739	375	375	0 ANNUAL	PIT	5	
TMA	420728	5414493	0.04671	375	375	0 ANNUAL	PIT	5	
TMA	420728	5414543	0.04606	374.47	374.47	0 ANNUAL	PIT	5	
TMA	420728	5414593	0.04514	377.52	377.52	0 ANNUAL	PIT	5	
TMA	420728	5414643	0.04415	380.42	380.42	0 ANNUAL	PIT	5	
TMA	420728	5414693	0.04331	382	382	0 ANNUAL	PIT	5	
TMA	420728	5414743	0.04259	383	383	0 ANNUAL	PIT	5	
TMA	420728	5414793	0.04194	383.9	383.9	0 ANNUAL	PIT	5	
TMA	420728	5414843	0.0415	384	384	0 ANNUAL	PIT	5	
TMA	420728	5414893	0.04116	384	384	0 ANNUAL	PIT	5	
TMA	420728	5414943	0.04091	384	384	0 ANNUAL	PIT	5	
TMA	420728	5414993	0.04074	384	384	0 ANNUAL	PIT	5	
TMA	420728	5415043	0.04067	383.83	383.83	0 ANNUAL	PIT	5	
TMA	420728	5415093	0.04066	383.78	383.78	0 ANNUAL	PIT	5	
TMA	420728	5415143	0.04069	383.73	383.73	0 ANNUAL	PIT	5	
TMA	420728	5415193	0.04076	383.69	383.69	0 ANNUAL	PIT	5	
TMA	420678	5413493	0.04786	376.74	376.74	0 ANNUAL	PIT	5	
TMA	420678	5413543	0.04817	377.91	377.91	0 ANNUAL	PIT	5	
TMA	420678	5413593	0.0485	379	379	0 ANNUAL	PIT	5	
TMA	420678	5413643	0.04881	380	380	0 ANNUAL	PIT	5	
TMA	420678	5413693	0.04921	380	380	0 ANNUAL	PIT	5	
TMA	420678	5413743	0.04955	380.13	380.13	0 ANNUAL	PIT	5	
TMA	420678	5413793	0.04975	380.78	380.78	0 ANNUAL	PIT	5	
TMA	420678	5413843	0.04995	381	381	0 ANNUAL	PIT	5	
TMA	420678	5413893	0.05021	380	380	0 ANNUAL	PIT	5	
TMA	420678	5413943	0.05029	380	380	0 ANNUAL	PIT	5	
TMA	420678	5413993	0.0503	379.85	379.85	0 ANNUAL	PIT	5	
TMA	420678	5414043	0.0503	379	379	0 ANNUAL	PIT	5	
TMA	420678	5414093	0.05022	378	378	0 ANNUAL	PIT	5	
TMA	420678	5414143	0.04998	378	378	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420678	5414193	0.04961	378.65	378.65	0 ANNUAL	PIT	5	
TMA	420678	5414243	0.04913	379.7	379.7	0 ANNUAL	PIT	5	
TMA	420678	5414293	0.04872	379	379	0 ANNUAL	PIT	5	
TMA	420678	5414343	0.04822	378.45	378.45	0 ANNUAL	PIT	5	
TMA	420678	5414393	0.04776	376.4	376.4	0 ANNUAL	PIT	5	
TMA	420678	5414443	0.04719	375.24	375.24	0 ANNUAL	PIT	5	
TMA	420678	5414493	0.04659	374.09	374.09	0 ANNUAL	PIT	5	
TMA	420678	5414543	0.04588	375.05	375.05	0 ANNUAL	PIT	5	
TMA	420678	5414593	0.04493	378.46	378.46	0 ANNUAL	PIT	5	
TMA	420678	5414643	0.04392	381.39	381.39	0 ANNUAL	PIT	5	
TMA	420678	5414693	0.04311	382.55	382.55	0 ANNUAL	PIT	5	
TMA	420678	5414743	0.04242	383	383	0 ANNUAL	PIT	5	
TMA	420678	5414793	0.04176	383.68	383.68	0 ANNUAL	PIT	5	
TMA	420678	5414843	0.04126	383.72	383.72	0 ANNUAL	PIT	5	
TMA	420678	5414893	0.04096	383	383	0 ANNUAL	PIT	5	
TMA	420678	5414943	0.04063	383	383	0 ANNUAL	PIT	5	
TMA	420678	5414993	0.04045	382.6	382.6	0 ANNUAL	PIT	5	
TMA	420678	5415043	0.04034	382.19	382.19	0 ANNUAL	PIT	5	
TMA	420678	5415093	0.04028	382	382	0 ANNUAL	PIT	5	
TMA	420678	5415143	0.04024	382	382	0 ANNUAL	PIT	5	
TMA	420678	5415193	0.04027	382	382	0 ANNUAL	PIT	5	
TMA	420628	5413493	0.04675	377.2	377.2	0 ANNUAL	PIT	5	
TMA	420628	5413543	0.04706	378.28	378.28	0 ANNUAL	PIT	5	
TMA	420628	5413593	0.04738	379.39	379.39	0 ANNUAL	PIT	5	
TMA	420628	5413643	0.04775	380	380	0 ANNUAL	PIT	5	
TMA	420628	5413693	0.04818	380	380	0 ANNUAL	PIT	5	
TMA	420628	5413743	0.04844	381	381	0 ANNUAL	PIT	5	
TMA	420628	5413793	0.04877	381	381	0 ANNUAL	PIT	5	
TMA	420628	5413843	0.04913	380.18	380.18	0 ANNUAL	PIT	5	
TMA	420628	5413893	0.04935	380	380	0 ANNUAL	PIT	5	
TMA	420628	5413943	0.04947	380	380	0 ANNUAL	PIT	5	
TMA	420628	5413993	0.04963	379	379	0 ANNUAL	PIT	5	
TMA	420628	5414043	0.04964	378.54	378.54	0 ANNUAL	PIT	5	
TMA	420628	5414093	0.04955	378.51	378.51	0 ANNUAL	PIT	5	
TMA	420628	5414143	0.04933	379	379	0 ANNUAL	PIT	5	
TMA	420628	5414193	0.049	379.99	379.99	0 ANNUAL	PIT	5	
TMA	420628	5414243	0.04868	380	380	0 ANNUAL	PIT	5	
TMA	420628	5414293	0.04828	380	380	0 ANNUAL	PIT	5	
TMA	420628	5414343	0.04791	378.62	378.62	0 ANNUAL	PIT	5	
TMA	420628	5414393	0.04746	377.43	377.43	0 ANNUAL	PIT	5	
TMA	420628	5414443	0.04698	375.28	375.28	0 ANNUAL	PIT	5	
TMA	420628	5414493	0.04642	374	374	0 ANNUAL	PIT	5	
TMA	420628	5414543	0.04567	376.04	376.04	0 ANNUAL	PIT	5	
TMA	420628	5414593	0.04476	379.2	379.2	0 ANNUAL	PIT	5	
TMA	420628	5414643	0.04384	381.36	381.36	0 ANNUAL	PIT	5	
TMA	420628	5414693	0.04305	382.31	382.31	0 ANNUAL	PIT	5	
TMA	420628	5414743	0.0423	383	383	0 ANNUAL	PIT	5	
TMA	420628	5414793	0.04169	383	383	0 ANNUAL	PIT	5	
TMA	420628	5414843	0.04115	383	383	0 ANNUAL	PIT	5	
TMA	420628	5414893	0.04077	382.36	382.36	0 ANNUAL	PIT	5	
TMA	420628	5414943	0.04042	382	382	0 ANNUAL	PIT	5	
TMA	420628	5414993	0.04015	381.68	381.68	0 ANNUAL	PIT	5	
TMA	420628	5415043	0.04	381.1	381.1	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420628	5415093	0.03985	381	381	0 ANNUAL	PIT	5	
TMA	420628	5415143	0.03976	381	381	0 ANNUAL	PIT	5	
TMA	420628	5415193	0.03973	381	381	0 ANNUAL	PIT	5	
TMA	420578	5413493	0.04568	377.68	377.68	0 ANNUAL	PIT	5	
TMA	420578	5413543	0.04594	378.93	378.93	0 ANNUAL	PIT	5	
TMA	420578	5413593	0.04625	380	380	0 ANNUAL	PIT	5	
TMA	420578	5413643	0.04671	380	380	0 ANNUAL	PIT	5	
TMA	420578	5413693	0.04716	380	380	0 ANNUAL	PIT	5	
TMA	420578	5413743	0.04744	381	381	0 ANNUAL	PIT	5	
TMA	420578	5413793	0.0478	381	381	0 ANNUAL	PIT	5	
TMA	420578	5413843	0.0482	380.21	380.21	0 ANNUAL	PIT	5	
TMA	420578	5413893	0.04847	380	380	0 ANNUAL	PIT	5	
TMA	420578	5413943	0.04865	379.89	379.89	0 ANNUAL	PIT	5	
TMA	420578	5413993	0.04884	379	379	0 ANNUAL	PIT	5	
TMA	420578	5414043	0.04888	379	379	0 ANNUAL	PIT	5	
TMA	420578	5414093	0.04884	379	379	0 ANNUAL	PIT	5	
TMA	420578	5414143	0.04864	380	380	0 ANNUAL	PIT	5	
TMA	420578	5414193	0.04846	380	380	0 ANNUAL	PIT	5	
TMA	420578	5414243	0.04811	381	381	0 ANNUAL	PIT	5	
TMA	420578	5414293	0.04787	380	380	0 ANNUAL	PIT	5	
TMA	420578	5414343	0.04755	379	379	0 ANNUAL	PIT	5	
TMA	420578	5414393	0.04717	377.46	377.46	0 ANNUAL	PIT	5	
TMA	420578	5414443	0.04674	375.31	375.31	0 ANNUAL	PIT	5	
TMA	420578	5414493	0.04622	374	374	0 ANNUAL	PIT	5	
TMA	420578	5414543	0.04552	376.02	376.02	0 ANNUAL	PIT	5	
TMA	420578	5414593	0.04465	379.17	379.17	0 ANNUAL	PIT	5	
TMA	420578	5414643	0.04381	381	381	0 ANNUAL	PIT	5	
TMA	420578	5414693	0.04301	382	382	0 ANNUAL	PIT	5	
TMA	420578	5414743	0.04232	382.19	382.19	0 ANNUAL	PIT	5	
TMA	420578	5414793	0.04168	382.24	382.24	0 ANNUAL	PIT	5	
TMA	420578	5414843	0.04112	382.01	382.01	0 ANNUAL	PIT	5	
TMA	420578	5414893	0.0406	382	382	0 ANNUAL	PIT	5	
TMA	420578	5414943	0.04026	381.07	381.07	0 ANNUAL	PIT	5	
TMA	420578	5414993	0.03989	381	381	0 ANNUAL	PIT	5	
TMA	420578	5415043	0.03959	381	381	0 ANNUAL	PIT	5	
TMA	420578	5415093	0.03947	380.24	380.24	0 ANNUAL	PIT	5	
TMA	420578	5415143	0.03934	380	380	0 ANNUAL	PIT	5	
TMA	420578	5415193	0.03925	380	380	0 ANNUAL	PIT	5	
TMA	420528	5413493	0.04468	378	378	0 ANNUAL	PIT	5	
TMA	420528	5413543	0.04484	379.7	379.7	0 ANNUAL	PIT	5	
TMA	420528	5413593	0.04524	380	380	0 ANNUAL	PIT	5	
TMA	420528	5413643	0.04569	380	380	0 ANNUAL	PIT	5	
TMA	420528	5413693	0.04611	380.28	380.28	0 ANNUAL	PIT	5	
TMA	420528	5413743	0.04644	381	381	0 ANNUAL	PIT	5	
TMA	420528	5413793	0.04684	381	381	0 ANNUAL	PIT	5	
TMA	420528	5413843	0.0473	380	380	0 ANNUAL	PIT	5	
TMA	420528	5413893	0.04758	380	380	0 ANNUAL	PIT	5	
TMA	420528	5413943	0.0478	379.92	379.92	0 ANNUAL	PIT	5	
TMA	420528	5413993	0.04804	379	379	0 ANNUAL	PIT	5	
TMA	420528	5414043	0.04813	379	379	0 ANNUAL	PIT	5	
TMA	420528	5414093	0.04814	379	379	0 ANNUAL	PIT	5	
TMA	420528	5414143	0.048	380	380	0 ANNUAL	PIT	5	
TMA	420528	5414193	0.04788	380	380	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420528	5414243	0.04769	380.01	380.01	0 ANNUAL	PIT	5	
TMA	420528	5414293	0.04743	380	380	0 ANNUAL	PIT	5	
TMA	420528	5414343	0.04718	378.79	378.79	0 ANNUAL	PIT	5	
TMA	420528	5414393	0.04688	376.84	376.84	0 ANNUAL	PIT	5	
TMA	420528	5414443	0.04648	375.1	375.1	0 ANNUAL	PIT	5	
TMA	420528	5414493	0.04599	374	374	0 ANNUAL	PIT	5	
TMA	420528	5414543	0.04535	375.98	375.98	0 ANNUAL	PIT	5	
TMA	420528	5414593	0.04454	379.14	379.14	0 ANNUAL	PIT	5	
TMA	420528	5414643	0.04378	380.37	380.37	0 ANNUAL	PIT	5	
TMA	420528	5414693	0.043	381.49	381.49	0 ANNUAL	PIT	5	
TMA	420528	5414743	0.04228	382	382	0 ANNUAL	PIT	5	
TMA	420528	5414793	0.04162	382	382	0 ANNUAL	PIT	5	
TMA	420528	5414843	0.041	382	382	0 ANNUAL	PIT	5	
TMA	420528	5414893	0.04046	381.8	381.8	0 ANNUAL	PIT	5	
TMA	420528	5414943	0.04005	381	381	0 ANNUAL	PIT	5	
TMA	420528	5414993	0.03961	381	381	0 ANNUAL	PIT	5	
TMA	420528	5415043	0.03937	380	380	0 ANNUAL	PIT	5	
TMA	420528	5415093	0.03908	380	380	0 ANNUAL	PIT	5	
TMA	420528	5415143	0.03887	380	380	0 ANNUAL	PIT	5	
TMA	420528	5415193	0.03872	380	380	0 ANNUAL	PIT	5	
TMA	420478	5413493	0.04369	378.62	378.62	0 ANNUAL	PIT	5	
TMA	420478	5413543	0.04389	379.67	379.67	0 ANNUAL	PIT	5	
TMA	420478	5413593	0.04426	380	380	0 ANNUAL	PIT	5	
TMA	420478	5413643	0.04469	380	380	0 ANNUAL	PIT	5	
TMA	420478	5413693	0.04514	380	380	0 ANNUAL	PIT	5	
TMA	420478	5413743	0.04558	380	380	0 ANNUAL	PIT	5	
TMA	420478	5413793	0.04599	380	380	0 ANNUAL	PIT	5	
TMA	420478	5413843	0.04636	380	380	0 ANNUAL	PIT	5	
TMA	420478	5413893	0.04668	380	380	0 ANNUAL	PIT	5	
TMA	420478	5413943	0.04699	379.47	379.47	0 ANNUAL	PIT	5	
TMA	420478	5413993	0.04723	379	379	0 ANNUAL	PIT	5	
TMA	420478	5414043	0.04736	379	379	0 ANNUAL	PIT	5	
TMA	420478	5414093	0.04735	379.83	379.83	0 ANNUAL	PIT	5	
TMA	420478	5414143	0.04733	380	380	0 ANNUAL	PIT	5	
TMA	420478	5414193	0.04727	380	380	0 ANNUAL	PIT	5	
TMA	420478	5414243	0.04714	380	380	0 ANNUAL	PIT	5	
TMA	420478	5414293	0.04694	380	380	0 ANNUAL	PIT	5	
TMA	420478	5414343	0.04676	378.68	378.68	0 ANNUAL	PIT	5	
TMA	420478	5414393	0.04653	376.53	376.53	0 ANNUAL	PIT	5	
TMA	420478	5414443	0.04619	374.37	374.37	0 ANNUAL	PIT	5	
TMA	420478	5414493	0.04573	374	374	0 ANNUAL	PIT	5	
TMA	420478	5414543	0.04515	375.95	375.95	0 ANNUAL	PIT	5	
TMA	420478	5414593	0.04446	378.11	378.11	0 ANNUAL	PIT	5	
TMA	420478	5414643	0.04369	380.27	380.27	0 ANNUAL	PIT	5	
TMA	420478	5414693	0.04298	381	381	0 ANNUAL	PIT	5	
TMA	420478	5414743	0.04223	381.89	381.89	0 ANNUAL	PIT	5	
TMA	420478	5414793	0.04156	382	382	0 ANNUAL	PIT	5	
TMA	420478	5414843	0.04096	381.68	381.68	0 ANNUAL	PIT	5	
TMA	420478	5414893	0.04043	381	381	0 ANNUAL	PIT	5	
TMA	420478	5414943	0.03988	381	381	0 ANNUAL	PIT	5	
TMA	420478	5414993	0.03944	380.62	380.62	0 ANNUAL	PIT	5	
TMA	420478	5415043	0.03909	380	380	0 ANNUAL	PIT	5	
TMA	420478	5415093	0.03874	380	380	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420478	5415143	0.03846	380	380	0 ANNUAL	PIT	5	
TMA	420478	5415193	0.03825	379.99	379.99	0 ANNUAL	PIT	5	
TMA	420428	5413493	0.04284	378.59	378.59	0 ANNUAL	PIT	5	
TMA	420428	5413543	0.04304	379.31	379.31	0 ANNUAL	PIT	5	
TMA	420428	5413593	0.04331	380	380	0 ANNUAL	PIT	5	
TMA	420428	5413643	0.04373	380	380	0 ANNUAL	PIT	5	
TMA	420428	5413693	0.04416	380	380	0 ANNUAL	PIT	5	
TMA	420428	5413743	0.04461	380	380	0 ANNUAL	PIT	5	
TMA	420428	5413793	0.04503	380	380	0 ANNUAL	PIT	5	
TMA	420428	5413843	0.04542	380	380	0 ANNUAL	PIT	5	
TMA	420428	5413893	0.04577	380	380	0 ANNUAL	PIT	5	
TMA	420428	5413943	0.04616	379	379	0 ANNUAL	PIT	5	
TMA	420428	5413993	0.0464	379	379	0 ANNUAL	PIT	5	
TMA	420428	5414043	0.04648	379.92	379.92	0 ANNUAL	PIT	5	
TMA	420428	5414093	0.04659	380	380	0 ANNUAL	PIT	5	
TMA	420428	5414143	0.04664	380	380	0 ANNUAL	PIT	5	
TMA	420428	5414193	0.04655	380.81	380.81	0 ANNUAL	PIT	5	
TMA	420428	5414243	0.04655	380.03	380.03	0 ANNUAL	PIT	5	
TMA	420428	5414293	0.04642	379.87	379.87	0 ANNUAL	PIT	5	
TMA	420428	5414343	0.04636	377.72	377.72	0 ANNUAL	PIT	5	
TMA	420428	5414393	0.04618	375.35	375.35	0 ANNUAL	PIT	5	
TMA	420428	5414443	0.04585	374	374	0 ANNUAL	PIT	5	
TMA	420428	5414493	0.04544	374	374	0 ANNUAL	PIT	5	
TMA	420428	5414543	0.04491	375.92	375.92	0 ANNUAL	PIT	5	
TMA	420428	5414593	0.04429	378.08	378.08	0 ANNUAL	PIT	5	
TMA	420428	5414643	0.04357	380.24	380.24	0 ANNUAL	PIT	5	
TMA	420428	5414693	0.04289	381	381	0 ANNUAL	PIT	5	
TMA	420428	5414743	0.04225	381	381	0 ANNUAL	PIT	5	
TMA	420428	5414793	0.04161	381	381	0 ANNUAL	PIT	5	
TMA	420428	5414843	0.04096	381	381	0 ANNUAL	PIT	5	
TMA	420428	5414893	0.04035	381	381	0 ANNUAL	PIT	5	
TMA	420428	5414943	0.03976	381	381	0 ANNUAL	PIT	5	
TMA	420428	5414993	0.03934	380	380	0 ANNUAL	PIT	5	
TMA	420428	5415043	0.03887	380	380	0 ANNUAL	PIT	5	
TMA	420428	5415093	0.03846	380	380	0 ANNUAL	PIT	5	
TMA	420428	5415143	0.03812	380	380	0 ANNUAL	PIT	5	
TMA	420428	5415193	0.03796	379.02	379.02	0 ANNUAL	PIT	5	
TMA	420378	5413493	0.042	378.84	378.84	0 ANNUAL	PIT	5	
TMA	420378	5413543	0.04213	379.72	379.72	0 ANNUAL	PIT	5	
TMA	420378	5413593	0.04241	380	380	0 ANNUAL	PIT	5	
TMA	420378	5413643	0.0428	380	380	0 ANNUAL	PIT	5	
TMA	420378	5413693	0.04321	380	380	0 ANNUAL	PIT	5	
TMA	420378	5413743	0.04365	380	380	0 ANNUAL	PIT	5	
TMA	420378	5413793	0.04408	380	380	0 ANNUAL	PIT	5	
TMA	420378	5413843	0.04449	380	380	0 ANNUAL	PIT	5	
TMA	420378	5413893	0.04486	380	380	0 ANNUAL	PIT	5	
TMA	420378	5413943	0.04519	380	380	0 ANNUAL	PIT	5	
TMA	420378	5413993	0.04546	380	380	0 ANNUAL	PIT	5	
TMA	420378	5414043	0.04568	380	380	0 ANNUAL	PIT	5	
TMA	420378	5414093	0.04583	380	380	0 ANNUAL	PIT	5	
TMA	420378	5414143	0.04593	380	380	0 ANNUAL	PIT	5	
TMA	420378	5414193	0.04597	380	380	0 ANNUAL	PIT	5	
TMA	420378	5414243	0.04594	380	380	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420378	5414293	0.04594	378.91	378.91	0 ANNUAL	PIT	5	
TMA	420378	5414343	0.04591	376.75	376.75	0 ANNUAL	PIT	5	
TMA	420378	5414393	0.04576	374.59	374.59	0 ANNUAL	PIT	5	
TMA	420378	5414443	0.04548	373.27	373.27	0 ANNUAL	PIT	5	
TMA	420378	5414493	0.04511	374	374	0 ANNUAL	PIT	5	
TMA	420378	5414543	0.04464	375.89	375.89	0 ANNUAL	PIT	5	
TMA	420378	5414593	0.04408	378.05	378.05	0 ANNUAL	PIT	5	
TMA	420378	5414643	0.04343	380	380	0 ANNUAL	PIT	5	
TMA	420378	5414693	0.04278	381	381	0 ANNUAL	PIT	5	
TMA	420378	5414743	0.04217	381	381	0 ANNUAL	PIT	5	
TMA	420378	5414793	0.04154	381	381	0 ANNUAL	PIT	5	
TMA	420378	5414843	0.04091	381	381	0 ANNUAL	PIT	5	
TMA	420378	5414893	0.04028	381	381	0 ANNUAL	PIT	5	
TMA	420378	5414943	0.03978	380.01	380.01	0 ANNUAL	PIT	5	
TMA	420378	5414993	0.03921	380	380	0 ANNUAL	PIT	5	
TMA	420378	5415043	0.0387	380	380	0 ANNUAL	PIT	5	
TMA	420378	5415093	0.03824	380	380	0 ANNUAL	PIT	5	
TMA	420378	5415143	0.03794	379.17	379.17	0 ANNUAL	PIT	5	
TMA	420378	5415193	0.03763	379	379	0 ANNUAL	PIT	5	
TMA	420328	5413493	0.04124	379	379	0 ANNUAL	PIT	5	
TMA	420328	5413543	0.04129	380	380	0 ANNUAL	PIT	5	
TMA	420328	5413593	0.04156	380	380	0 ANNUAL	PIT	5	
TMA	420328	5413643	0.0419	380	380	0 ANNUAL	PIT	5	
TMA	420328	5413693	0.04229	380	380	0 ANNUAL	PIT	5	
TMA	420328	5413743	0.04271	380	380	0 ANNUAL	PIT	5	
TMA	420328	5413793	0.04314	380	380	0 ANNUAL	PIT	5	
TMA	420328	5413843	0.04356	380	380	0 ANNUAL	PIT	5	
TMA	420328	5413893	0.04396	380	380	0 ANNUAL	PIT	5	
TMA	420328	5413943	0.04431	380	380	0 ANNUAL	PIT	5	
TMA	420328	5413993	0.04462	380	380	0 ANNUAL	PIT	5	
TMA	420328	5414043	0.04487	380	380	0 ANNUAL	PIT	5	
TMA	420328	5414093	0.04506	380	380	0 ANNUAL	PIT	5	
TMA	420328	5414143	0.0452	380	380	0 ANNUAL	PIT	5	
TMA	420328	5414193	0.04528	380	380	0 ANNUAL	PIT	5	
TMA	420328	5414243	0.04538	379.04	379.04	0 ANNUAL	PIT	5	
TMA	420328	5414293	0.04542	377.94	377.94	0 ANNUAL	PIT	5	
TMA	420328	5414343	0.04542	375.78	375.78	0 ANNUAL	PIT	5	
TMA	420328	5414393	0.04528	374.62	374.62	0 ANNUAL	PIT	5	
TMA	420328	5414443	0.04507	373	373	0 ANNUAL	PIT	5	
TMA	420328	5414493	0.04475	373.75	373.75	0 ANNUAL	PIT	5	
TMA	420328	5414543	0.04436	374.97	374.97	0 ANNUAL	PIT	5	
TMA	420328	5414593	0.04387	377.08	377.08	0 ANNUAL	PIT	5	
TMA	420328	5414643	0.0433	379	379	0 ANNUAL	PIT	5	
TMA	420328	5414693	0.04272	379.98	379.98	0 ANNUAL	PIT	5	
TMA	420328	5414743	0.04215	380	380	0 ANNUAL	PIT	5	
TMA	420328	5414793	0.04155	380	380	0 ANNUAL	PIT	5	
TMA	420328	5414843	0.04094	380	380	0 ANNUAL	PIT	5	
TMA	420328	5414893	0.04032	380	380	0 ANNUAL	PIT	5	
TMA	420328	5414943	0.03971	380	380	0 ANNUAL	PIT	5	
TMA	420328	5414993	0.03912	380	380	0 ANNUAL	PIT	5	
TMA	420328	5415043	0.03861	379.64	379.64	0 ANNUAL	PIT	5	
TMA	420328	5415093	0.03818	379	379	0 ANNUAL	PIT	5	
TMA	420328	5415143	0.03773	379	379	0 ANNUAL	PIT	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420328	5415193	0.0374	378.54	378.54	0 ANNUAL	PIT	5	
TMA	420278	5413493	0.04055	379	379	0 ANNUAL	PIT	5	
TMA	420278	5413543	0.04055	379.92	379.92	0 ANNUAL	PIT	5	
TMA	420278	5413593	0.04076	380	380	0 ANNUAL	PIT	5	
TMA	420278	5413643	0.04105	380	380	0 ANNUAL	PIT	5	
TMA	420278	5413693	0.04141	380	380	0 ANNUAL	PIT	5	
TMA	420278	5413743	0.04181	380	380	0 ANNUAL	PIT	5	
TMA	420278	5413793	0.04223	380	380	0 ANNUAL	PIT	5	
TMA	420278	5413843	0.04265	380	380	0 ANNUAL	PIT	5	
TMA	420278	5413893	0.04305	380	380	0 ANNUAL	PIT	5	
TMA	420278	5413943	0.04343	380	380	0 ANNUAL	PIT	5	
TMA	420278	5413993	0.04376	380	380	0 ANNUAL	PIT	5	
TMA	420278	5414043	0.04405	380	380	0 ANNUAL	PIT	5	
TMA	420278	5414093	0.04428	380	380	0 ANNUAL	PIT	5	
TMA	420278	5414143	0.04446	380	380	0 ANNUAL	PIT	5	
TMA	420278	5414193	0.04466	379.05	379.05	0 ANNUAL	PIT	5	
TMA	420278	5414243	0.04479	378.13	378.13	0 ANNUAL	PIT	5	
TMA	420278	5414293	0.04486	377	377	0 ANNUAL	PIT	5	
TMA	420278	5414343	0.04486	375.81	375.81	0 ANNUAL	PIT	5	
TMA	420278	5414393	0.04477	374.65	374.65	0 ANNUAL	PIT	5	
TMA	420278	5414443	0.04461	373.49	373.49	0 ANNUAL	PIT	5	
TMA	420278	5414493	0.04436	373	373	0 ANNUAL	PIT	5	
TMA	420278	5414543	0.04404	373.97	373.97	0 ANNUAL	PIT	5	
TMA	420278	5414593	0.04363	375.78	375.78	0 ANNUAL	PIT	5	
TMA	420278	5414643	0.04317	377.11	377.11	0 ANNUAL	PIT	5	
TMA	420278	5414693	0.04264	378.21	378.21	0 ANNUAL	PIT	5	
TMA	420278	5414743	0.04209	378.81	378.81	0 ANNUAL	PIT	5	
TMA	420278	5414793	0.04152	379	379	0 ANNUAL	PIT	5	
TMA	420278	5414843	0.04094	379	379	0 ANNUAL	PIT	5	
TMA	420278	5414893	0.04034	379	379	0 ANNUAL	PIT	5	
TMA	420278	5414943	0.03974	379	379	0 ANNUAL	PIT	5	
TMA	420278	5414993	0.03915	379	379	0 ANNUAL	PIT	5	
TMA	420278	5415043	0.03864	378.37	378.37	0 ANNUAL	PIT	5	
TMA	420278	5415093	0.03814	378	378	0 ANNUAL	PIT	5	
TMA	420278	5415143	0.03766	378	378	0 ANNUAL	PIT	5	
TMA	420278	5415193	0.03724	378	378	0 ANNUAL	PIT	5	
TMA	420228	5413493	0.03998	378.46	378.46	0 ANNUAL	PIT	5	
TMA	420228	5413543	0.03998	379	379	0 ANNUAL	PIT	5	
TMA	420228	5413593	0.04014	379	379	0 ANNUAL	PIT	5	
TMA	420228	5413643	0.04025	380	380	0 ANNUAL	PIT	5	
TMA	420228	5413693	0.04056	380	380	0 ANNUAL	PIT	5	
TMA	420228	5413743	0.04093	380	380	0 ANNUAL	PIT	5	
TMA	420228	5413793	0.04133	380	380	0 ANNUAL	PIT	5	
TMA	420228	5413843	0.04175	380	380	0 ANNUAL	PIT	5	
TMA	420228	5413893	0.04216	380	380	0 ANNUAL	PIT	5	
TMA	420228	5413943	0.04255	380	380	0 ANNUAL	PIT	5	
TMA	420228	5413993	0.04291	380	380	0 ANNUAL	PIT	5	
TMA	420228	5414043	0.04323	380	380	0 ANNUAL	PIT	5	
TMA	420228	5414093	0.04349	380	380	0 ANNUAL	PIT	5	
TMA	420228	5414143	0.04375	379.45	379.45	0 ANNUAL	PIT	5	
TMA	420228	5414193	0.04395	379	379	0 ANNUAL	PIT	5	
TMA	420228	5414243	0.04412	378	378	0 ANNUAL	PIT	5	
TMA	420228	5414293	0.04423	377	377	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420228	5414343	0.04427	375.88	375.88	0 ANNUAL	PIT	5	
TMA	420228	5414393	0.04424	374.77	374.77	0 ANNUAL	PIT	5	
TMA	420228	5414443	0.04412	374	374	0 ANNUAL	PIT	5	
TMA	420228	5414493	0.04394	373	373	0 ANNUAL	PIT	5	
TMA	420228	5414543	0.04368	373	373	0 ANNUAL	PIT	5	
TMA	420228	5414593	0.04335	373.98	373.98	0 ANNUAL	PIT	5	
TMA	420228	5414643	0.04296	375.05	375.05	0 ANNUAL	PIT	5	
TMA	420228	5414693	0.04251	376.12	376.12	0 ANNUAL	PIT	5	
TMA	420228	5414743	0.04202	376.65	376.65	0 ANNUAL	PIT	5	
TMA	420228	5414793	0.04148	377.33	377.33	0 ANNUAL	PIT	5	
TMA	420228	5414843	0.04094	377.28	377.28	0 ANNUAL	PIT	5	
TMA	420228	5414893	0.04037	377.24	377.24	0 ANNUAL	PIT	5	
TMA	420228	5414943	0.0398	377.19	377.19	0 ANNUAL	PIT	5	
TMA	420228	5414993	0.03922	377.14	377.14	0 ANNUAL	PIT	5	
TMA	420228	5415043	0.03866	377.1	377.1	0 ANNUAL	PIT	5	
TMA	420228	5415093	0.03812	377	377	0 ANNUAL	PIT	5	
TMA	420228	5415143	0.03762	377	377	0 ANNUAL	PIT	5	
TMA	420228	5415193	0.03716	377	377	0 ANNUAL	PIT	5	
TMA	420178	5413493	0.03933	379	379	0 ANNUAL	PIT	5	
TMA	420178	5413543	0.03933	379	379	0 ANNUAL	PIT	5	
TMA	420178	5413593	0.03931	379.95	379.95	0 ANNUAL	PIT	5	
TMA	420178	5413643	0.0395	380	380	0 ANNUAL	PIT	5	
TMA	420178	5413693	0.03976	380	380	0 ANNUAL	PIT	5	
TMA	420178	5413743	0.04009	380	380	0 ANNUAL	PIT	5	
TMA	420178	5413793	0.04047	380	380	0 ANNUAL	PIT	5	
TMA	420178	5413843	0.04087	380	380	0 ANNUAL	PIT	5	
TMA	420178	5413893	0.04128	380	380	0 ANNUAL	PIT	5	
TMA	420178	5413943	0.04169	380	380	0 ANNUAL	PIT	5	
TMA	420178	5413993	0.04206	380	380	0 ANNUAL	PIT	5	
TMA	420178	5414043	0.0424	380	380	0 ANNUAL	PIT	5	
TMA	420178	5414093	0.0427	380	380	0 ANNUAL	PIT	5	
TMA	420178	5414143	0.04303	379	379	0 ANNUAL	PIT	5	
TMA	420178	5414193	0.04322	379	379	0 ANNUAL	PIT	5	
TMA	420178	5414243	0.04343	378	378	0 ANNUAL	PIT	5	
TMA	420178	5414293	0.04358	377.03	377.03	0 ANNUAL	PIT	5	
TMA	420178	5414343	0.04366	376	376	0 ANNUAL	PIT	5	
TMA	420178	5414393	0.04367	375	375	0 ANNUAL	PIT	5	
TMA	420178	5414443	0.04361	374	374	0 ANNUAL	PIT	5	
TMA	420178	5414493	0.04347	373.39	373.39	0 ANNUAL	PIT	5	
TMA	420178	5414543	0.04327	373	373	0 ANNUAL	PIT	5	
TMA	420178	5414593	0.043	373	373	0 ANNUAL	PIT	5	
TMA	420178	5414643	0.04267	374	374	0 ANNUAL	PIT	5	
TMA	420178	5414693	0.0423	374.36	374.36	0 ANNUAL	PIT	5	
TMA	420178	5414743	0.04186	375.04	375.04	0 ANNUAL	PIT	5	
TMA	420178	5414793	0.04139	375.58	375.58	0 ANNUAL	PIT	5	
TMA	420178	5414843	0.04087	376	376	0 ANNUAL	PIT	5	
TMA	420178	5414893	0.04033	376	376	0 ANNUAL	PIT	5	
TMA	420178	5414943	0.03978	376	376	0 ANNUAL	PIT	5	
TMA	420178	5414993	0.03922	376	376	0 ANNUAL	PIT	5	
TMA	420178	5415043	0.03866	376	376	0 ANNUAL	PIT	5	
TMA	420178	5415093	0.03811	376	376	0 ANNUAL	PIT	5	
TMA	420178	5415143	0.03759	376	376	0 ANNUAL	PIT	5	
TMA	420178	5415193	0.03709	376.26	376.26	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420128	5413493	0.0388	379	379	0 ANNUAL	PIT	5	
TMA	420128	5413543	0.03863	379.98	379.98	0 ANNUAL	PIT	5	
TMA	420128	5413593	0.03866	380	380	0 ANNUAL	PIT	5	
TMA	420128	5413643	0.03879	380	380	0 ANNUAL	PIT	5	
TMA	420128	5413693	0.03901	380	380	0 ANNUAL	PIT	5	
TMA	420128	5413743	0.03929	380	380	0 ANNUAL	PIT	5	
TMA	420128	5413793	0.03964	380	380	0 ANNUAL	PIT	5	
TMA	420128	5413843	0.04002	380	380	0 ANNUAL	PIT	5	
TMA	420128	5413893	0.04042	380	380	0 ANNUAL	PIT	5	
TMA	420128	5413943	0.04083	380	380	0 ANNUAL	PIT	5	
TMA	420128	5413993	0.04122	380	380	0 ANNUAL	PIT	5	
TMA	420128	5414043	0.04158	380	380	0 ANNUAL	PIT	5	
TMA	420128	5414093	0.0419	380	380	0 ANNUAL	PIT	5	
TMA	420128	5414143	0.04217	380	380	0 ANNUAL	PIT	5	
TMA	420128	5414193	0.04245	379.38	379.38	0 ANNUAL	PIT	5	
TMA	420128	5414243	0.04272	378.22	378.22	0 ANNUAL	PIT	5	
TMA	420128	5414293	0.04291	377.06	377.06	0 ANNUAL	PIT	5	
TMA	420128	5414343	0.04304	376	376	0 ANNUAL	PIT	5	
TMA	420128	5414393	0.0431	374.78	374.78	0 ANNUAL	PIT	5	
TMA	420128	5414443	0.04307	374	374	0 ANNUAL	PIT	5	
TMA	420128	5414493	0.04299	373	373	0 ANNUAL	PIT	5	
TMA	420128	5414543	0.04283	373	373	0 ANNUAL	PIT	5	
TMA	420128	5414593	0.04261	373	373	0 ANNUAL	PIT	5	
TMA	420128	5414643	0.04234	373	373	0 ANNUAL	PIT	5	
TMA	420128	5414693	0.04201	373.9	373.9	0 ANNUAL	PIT	5	
TMA	420128	5414743	0.04164	374	374	0 ANNUAL	PIT	5	
TMA	420128	5414793	0.04121	374.41	374.41	0 ANNUAL	PIT	5	
TMA	420128	5414843	0.04074	375	375	0 ANNUAL	PIT	5	
TMA	420128	5414893	0.04025	375	375	0 ANNUAL	PIT	5	
TMA	420128	5414943	0.03972	375	375	0 ANNUAL	PIT	5	
TMA	420128	5414993	0.03918	375	375	0 ANNUAL	PIT	5	
TMA	420128	5415043	0.03862	375.32	375.32	0 ANNUAL	PIT	5	
TMA	420128	5415093	0.03804	376	376	0 ANNUAL	PIT	5	
TMA	420128	5415143	0.03748	376.35	376.35	0 ANNUAL	PIT	5	
TMA	420128	5415193	0.03685	377.92	377.92	0 ANNUAL	PIT	5	
TMA	420128	5415293	0.03582	379	379	0 ANNUAL	PIT	5	
TMA	420128	5415393	0.03509	379	379	0 ANNUAL	PIT	5	
TMA	420128	5415493	0.03461	379	379	0 ANNUAL	PIT	5	
TMA	420128	5415593	0.03436	379.06	379.06	0 ANNUAL	PIT	5	
TMA	420128	5415693	0.03422	380	380	0 ANNUAL	PIT	5	
TMA	420128	5415793	0.03433	380.11	380.11	0 ANNUAL	PIT	5	
TMA	420128	5415893	0.03445	381	381	0 ANNUAL	PIT	5	
TMA	420128	5415993	0.03459	382	382	0 ANNUAL	PIT	5	
TMA	420128	5416093	0.03474	382	382	0 ANNUAL	PIT	5	
TMA	420128	5416193	0.03483	381.49	381.49	0 ANNUAL	PIT	5	
TMA	420228	5415293	0.0364	377	377	0 ANNUAL	PIT	5	
TMA	420228	5415393	0.03578	378	378	0 ANNUAL	PIT	5	
TMA	420228	5415493	0.0355	378	378	0 ANNUAL	PIT	5	
TMA	420228	5415593	0.03534	379	379	0 ANNUAL	PIT	5	
TMA	420228	5415693	0.03543	379	379	0 ANNUAL	PIT	5	
TMA	420228	5415793	0.03553	380	380	0 ANNUAL	PIT	5	
TMA	420228	5415893	0.03567	380.72	380.72	0 ANNUAL	PIT	5	
TMA	420228	5415993	0.03571	382.39	382.39	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420228	5416093	0.03568	384	384	0 ANNUAL	PIT	5	
TMA	420228	5416193	0.03557	385.02	385.02	0 ANNUAL	PIT	5	
TMA	420328	5415293	0.0369	378	378	0 ANNUAL	PIT	5	
TMA	420328	5415393	0.0366	378	378	0 ANNUAL	PIT	5	
TMA	420328	5415493	0.03651	378	378	0 ANNUAL	PIT	5	
TMA	420328	5415593	0.03656	378.19	378.19	0 ANNUAL	PIT	5	
TMA	420328	5415693	0.03665	379	379	0 ANNUAL	PIT	5	
TMA	420328	5415793	0.03676	380	380	0 ANNUAL	PIT	5	
TMA	420328	5415893	0.03689	380	380	0 ANNUAL	PIT	5	
TMA	420328	5415993	0.0368	382.46	382.46	0 ANNUAL	PIT	5	
TMA	420328	5416093	0.03655	385.51	385.51	0 ANNUAL	PIT	5	
TMA	420328	5416193	0.03617	388.05	388.05	0 ANNUAL	PIT	5	
TMA	420428	5415293	0.03764	379	379	0 ANNUAL	PIT	5	
TMA	420428	5415393	0.03754	379	379	0 ANNUAL	PIT	5	
TMA	420428	5415493	0.03761	379	379	0 ANNUAL	PIT	5	
TMA	420428	5415593	0.03776	379	379	0 ANNUAL	PIT	5	
TMA	420428	5415693	0.03793	379	379	0 ANNUAL	PIT	5	
TMA	420428	5415793	0.03799	380	380	0 ANNUAL	PIT	5	
TMA	420428	5415893	0.03791	382	382	0 ANNUAL	PIT	5	
TMA	420428	5415993	0.03768	384.52	384.52	0 ANNUAL	PIT	5	
TMA	420428	5416093	0.03731	386.87	386.87	0 ANNUAL	PIT	5	
TMA	420428	5416193	0.03672	390.02	390.02	0 ANNUAL	PIT	5	
TMA	420528	5415293	0.03863	379.82	379.82	0 ANNUAL	PIT	5	
TMA	420528	5415393	0.03878	379	379	0 ANNUAL	PIT	5	
TMA	420528	5415493	0.0389	379.31	379.31	0 ANNUAL	PIT	5	
TMA	420528	5415593	0.03902	380	380	0 ANNUAL	PIT	5	
TMA	420528	5415693	0.03914	380	380	0 ANNUAL	PIT	5	
TMA	420528	5415793	0.03916	380	380	0 ANNUAL	PIT	5	
TMA	420528	5415893	0.03901	381.26	381.26	0 ANNUAL	PIT	5	
TMA	420528	5415993	0.03859	384.58	384.58	0 ANNUAL	PIT	5	
TMA	420528	5416093	0.03799	387.92	387.92	0 ANNUAL	PIT	5	
TMA	420528	5416193	0.03711	392.21	392.21	0 ANNUAL	PIT	5	
TMA	420628	5415293	0.0399	380.05	380.05	0 ANNUAL	PIT	5	
TMA	420628	5415393	0.04007	380	380	0 ANNUAL	PIT	5	
TMA	420628	5415493	0.04024	380	380	0 ANNUAL	PIT	5	
TMA	420628	5415593	0.04035	380	380	0 ANNUAL	PIT	5	
TMA	420628	5415693	0.04027	381.47	381.47	0 ANNUAL	PIT	5	
TMA	420628	5415793	0.04017	381.58	381.58	0 ANNUAL	PIT	5	
TMA	420628	5415893	0.03992	382.16	382.16	0 ANNUAL	PIT	5	
TMA	420628	5415993	0.03942	384.64	384.64	0 ANNUAL	PIT	5	
TMA	420628	5416093	0.0388	387	387	0 ANNUAL	PIT	5	
TMA	420628	5416193	0.03799	390.06	390.06	0 ANNUAL	PIT	5	
TMA	420728	5415293	0.04105	383	383	0 ANNUAL	PIT	5	
TMA	420728	5415393	0.04134	382.1	382.1	0 ANNUAL	PIT	5	
TMA	420728	5415493	0.04152	381.41	381.41	0 ANNUAL	PIT	5	
TMA	420728	5415593	0.04152	381.61	381.61	0 ANNUAL	PIT	5	
TMA	420728	5415693	0.04132	382.81	382.81	0 ANNUAL	PIT	5	
TMA	420728	5415793	0.04099	384.01	384.01	0 ANNUAL	PIT	5	
TMA	420728	5415893	0.04065	384.04	384.04	0 ANNUAL	PIT	5	
TMA	420728	5415993	0.04015	384.98	384.98	0 ANNUAL	PIT	5	
TMA	420728	5416093	0.03946	387	387	0 ANNUAL	PIT	5	
TMA	420728	5416193	0.0387	389	389	0 ANNUAL	PIT	5	
TMA	420828	5415293	0.04225	386	386	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420828	5415393	0.04251	385.05	385.05	0 ANNUAL	PIT	5	
TMA	420828	5415493	0.04254	384.96	384.96	0 ANNUAL	PIT	5	
TMA	420828	5415593	0.04251	384	384	0 ANNUAL	PIT	5	
TMA	420828	5415693	0.04226	384	384	0 ANNUAL	PIT	5	
TMA	420828	5415793	0.04172	385.72	385.72	0 ANNUAL	PIT	5	
TMA	420828	5415893	0.04113	387	387	0 ANNUAL	PIT	5	
TMA	420828	5415993	0.04062	387	387	0 ANNUAL	PIT	5	
TMA	420828	5416093	0.04008	387	387	0 ANNUAL	PIT	5	
TMA	420828	5416193	0.03941	388	388	0 ANNUAL	PIT	5	
TMA	420928	5415293	0.04365	387	387	0 ANNUAL	PIT	5	
TMA	420928	5415393	0.04355	388	388	0 ANNUAL	PIT	5	
TMA	420928	5415493	0.04348	387.5	387.5	0 ANNUAL	PIT	5	
TMA	420928	5415593	0.04326	387	387	0 ANNUAL	PIT	5	
TMA	420928	5415693	0.04298	386	386	0 ANNUAL	PIT	5	
TMA	420928	5415793	0.04246	386.37	386.37	0 ANNUAL	PIT	5	
TMA	420928	5415893	0.04164	388.51	388.51	0 ANNUAL	PIT	5	
TMA	420928	5415993	0.04085	390.03	390.03	0 ANNUAL	PIT	5	
TMA	420928	5416093	0.04028	390	390	0 ANNUAL	PIT	5	
TMA	420928	5416193	0.03945	391.85	391.85	0 ANNUAL	PIT	5	
TMA	421028	5415293	0.04526	385.67	385.67	0 ANNUAL	PIT	5	
TMA	421028	5415393	0.04481	388	388	0 ANNUAL	PIT	5	
TMA	421028	5415493	0.04436	389.01	389.01	0 ANNUAL	PIT	5	
TMA	421028	5415593	0.04393	389	389	0 ANNUAL	PIT	5	
TMA	421028	5415693	0.04355	388.06	388.06	0 ANNUAL	PIT	5	
TMA	421028	5415793	0.04298	388	388	0 ANNUAL	PIT	5	
TMA	421028	5415893	0.04224	389	389	0 ANNUAL	PIT	5	
TMA	421028	5415993	0.04115	392	392	0 ANNUAL	PIT	5	
TMA	421028	5416093	0.0399	395.7	395.7	0 ANNUAL	PIT	5	
TMA	421028	5416193	0.03878	398.71	398.71	0 ANNUAL	PIT	5	
TMA	421128	5415293	0.04658	385.73	385.73	0 ANNUAL	PIT	5	
TMA	421128	5415393	0.04578	389.03	389.03	0 ANNUAL	PIT	5	
TMA	421128	5415493	0.04516	390	390	0 ANNUAL	PIT	5	
TMA	421128	5415593	0.0446	390	390	0 ANNUAL	PIT	5	
TMA	421128	5415693	0.044	390	390	0 ANNUAL	PIT	5	
TMA	421128	5415793	0.04341	389.79	389.79	0 ANNUAL	PIT	5	
TMA	421128	5415893	0.04277	390	390	0 ANNUAL	PIT	5	
TMA	421128	5415993	0.04168	392.95	392.95	0 ANNUAL	PIT	5	
TMA	421128	5416093	0.04053	396.3	396.3	0 ANNUAL	PIT	5	
TMA	421128	5416193	0.03935	399.98	399.98	0 ANNUAL	PIT	5	
TMA	421228	5415293	0.04791	384.79	384.79	0 ANNUAL	PIT	5	
TMA	421228	5415393	0.04694	388.11	388.11	0 ANNUAL	PIT	5	
TMA	421228	5415493	0.04602	390	390	0 ANNUAL	PIT	5	
TMA	421228	5415593	0.04538	390	390	0 ANNUAL	PIT	5	
TMA	421228	5415693	0.04474	390	390	0 ANNUAL	PIT	5	
TMA	421228	5415793	0.04394	391	391	0 ANNUAL	PIT	5	
TMA	421228	5415893	0.04306	392.69	392.69	0 ANNUAL	PIT	5	
TMA	421228	5415993	0.04213	395.01	395.01	0 ANNUAL	PIT	5	
TMA	421228	5416093	0.04111	398.13	398.13	0 ANNUAL	PIT	5	
TMA	421228	5416193	0.0405	400	400	0 ANNUAL	PIT	5	
TMA	421328	5415293	0.04926	382.85	382.85	0 ANNUAL	PIT	5	
TMA	421328	5415393	0.04821	386	386	0 ANNUAL	PIT	5	
TMA	421328	5415493	0.04728	387.64	387.64	0 ANNUAL	PIT	5	
TMA	421328	5415593	0.04648	388.4	388.4	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421328	5415693	0.04575	389	389	0 ANNUAL	PIT	5	
TMA	421328	5415793	0.04523	389	389	0 ANNUAL	PIT	5	
TMA	421328	5415893	0.04466	389.92	389.92	0 ANNUAL	PIT	5	
TMA	421328	5415993	0.04401	391.84	391.84	0 ANNUAL	PIT	5	
TMA	421328	5416093	0.04287	396.39	396.39	0 ANNUAL	PIT	5	
TMA	421328	5416193	0.04175	400.72	400.72	0 ANNUAL	PIT	5	
TMA	421428	5415293	0.05048	381.53	381.53	0 ANNUAL	PIT	5	
TMA	421428	5415393	0.04958	383.23	383.23	0 ANNUAL	PIT	5	
TMA	421428	5415493	0.04857	385.42	385.42	0 ANNUAL	PIT	5	
TMA	421428	5415593	0.04772	386.74	386.74	0 ANNUAL	PIT	5	
TMA	421428	5415693	0.04717	387	387	0 ANNUAL	PIT	5	
TMA	421428	5415793	0.04661	388	388	0 ANNUAL	PIT	5	
TMA	421428	5415893	0.0464	388	388	0 ANNUAL	PIT	5	
TMA	421428	5415993	0.04611	389.03	389.03	0 ANNUAL	PIT	5	
TMA	421428	5416093	0.04527	393.04	398	0 ANNUAL	PIT	5	
TMA	421428	5416193	0.04355	400.18	400.18	0 ANNUAL	PIT	5	
TMA	421528	5415293	0.05148	382	382	0 ANNUAL	PIT	5	
TMA	421528	5415393	0.05077	382.29	382.29	0 ANNUAL	PIT	5	
TMA	421528	5415493	0.04989	384	384	0 ANNUAL	PIT	5	
TMA	421528	5415593	0.04924	385	385	0 ANNUAL	PIT	5	
TMA	421528	5415693	0.04871	386	386	0 ANNUAL	PIT	5	
TMA	421528	5415793	0.04837	386.78	386.78	0 ANNUAL	PIT	5	
TMA	421528	5415893	0.04809	387.87	387.87	0 ANNUAL	PIT	5	
TMA	421528	5415993	0.04788	389	389	0 ANNUAL	PIT	5	
TMA	421528	5416093	0.04784	389.51	389.51	0 ANNUAL	PIT	5	
TMA	421528	5416193	0.04701	393.54	394	0 ANNUAL	PIT	5	
TMA	421628	5415293	0.05264	382	382	0 ANNUAL	PIT	5	
TMA	421628	5415393	0.05203	382.15	382.15	0 ANNUAL	PIT	5	
TMA	421628	5415493	0.05142	383	383	0 ANNUAL	PIT	5	
TMA	421628	5415593	0.05093	384	384	0 ANNUAL	PIT	5	
TMA	421628	5415693	0.05059	384.9	384.9	0 ANNUAL	PIT	5	
TMA	421628	5415793	0.05032	386	386	0 ANNUAL	PIT	5	
TMA	421628	5415893	0.05013	387	387	0 ANNUAL	PIT	5	
TMA	421628	5415993	0.04975	389	389	0 ANNUAL	PIT	5	
TMA	421628	5416093	0.0494	390.57	390.57	0 ANNUAL	PIT	5	
TMA	421628	5416193	0.04891	392.28	392.28	0 ANNUAL	PIT	5	
TMA	421728	5415293	0.05384	383	383	0 ANNUAL	PIT	5	
TMA	421728	5415393	0.05339	383	383	0 ANNUAL	PIT	5	
TMA	421728	5415493	0.05291	384	384	0 ANNUAL	PIT	5	
TMA	421728	5415593	0.05256	385	385	0 ANNUAL	PIT	5	
TMA	421728	5415693	0.0525	385	385	0 ANNUAL	PIT	5	
TMA	421728	5415793	0.05242	385.27	385.27	0 ANNUAL	PIT	5	
TMA	421728	5415893	0.05205	387	387	0 ANNUAL	PIT	5	
TMA	421728	5415993	0.05174	388	388	0 ANNUAL	PIT	5	
TMA	421728	5416093	0.05131	389	389	0 ANNUAL	PIT	5	
TMA	421728	5416193	0.05072	390	390	0 ANNUAL	PIT	5	
TMA	421828	5415293	0.0553	384	384	0 ANNUAL	PIT	5	
TMA	421828	5415393	0.05488	384.74	384.74	0 ANNUAL	PIT	5	
TMA	421828	5415493	0.05447	386	386	0 ANNUAL	PIT	5	
TMA	421828	5415593	0.05434	386.33	386.33	0 ANNUAL	PIT	5	
TMA	421828	5415693	0.05436	386	386	0 ANNUAL	PIT	5	
TMA	421828	5415793	0.05425	386	386	0 ANNUAL	PIT	5	
TMA	421828	5415893	0.05385	387	387	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421828	5415993	0.05331	388	388	0 ANNUAL	PIT	5	
TMA	421828	5416093	0.0526	389	389	0 ANNUAL	PIT	5	
TMA	421828	5416193	0.05172	390	390	0 ANNUAL	PIT	5	
TMA	421928	5415293	0.05708	385	385	0 ANNUAL	PIT	5	
TMA	421928	5415393	0.05694	385	385	0 ANNUAL	PIT	5	
TMA	421928	5415493	0.05621	387.85	387.85	0 ANNUAL	PIT	5	
TMA	421928	5415593	0.05568	389.73	389.73	0 ANNUAL	PIT	5	
TMA	421928	5415693	0.05586	388.41	388.41	0 ANNUAL	PIT	5	
TMA	421928	5415793	0.0559	386.75	386.75	0 ANNUAL	PIT	5	
TMA	421928	5415893	0.05538	387	387	0 ANNUAL	PIT	5	
TMA	421928	5415993	0.05453	388	388	0 ANNUAL	PIT	5	
TMA	421928	5416093	0.05352	389	389	0 ANNUAL	PIT	5	
TMA	421928	5416193	0.05235	390	390	0 ANNUAL	PIT	5	
TMA	422028	5415293	0.05885	387	387	0 ANNUAL	PIT	5	
TMA	422028	5415393	0.05899	386	386	0 ANNUAL	PIT	5	
TMA	422028	5415493	0.05839	387.91	387.91	0 ANNUAL	PIT	5	
TMA	422028	5415593	0.05763	390	390	0 ANNUAL	PIT	5	
TMA	422028	5415693	0.05724	390	390	0 ANNUAL	PIT	5	
TMA	422028	5415793	0.05704	388.35	388.35	0 ANNUAL	PIT	5	
TMA	422028	5415893	0.05633	388	388	0 ANNUAL	PIT	5	
TMA	422028	5415993	0.05536	388.03	388.03	0 ANNUAL	PIT	5	
TMA	422028	5416093	0.05406	389	389	0 ANNUAL	PIT	5	
TMA	422028	5416193	0.05265	390	390	0 ANNUAL	PIT	5	
TMA	422128	5415293	0.06068	389	389	0 ANNUAL	PIT	5	
TMA	422128	5415393	0.06074	388	388	0 ANNUAL	PIT	5	
TMA	422128	5415493	0.06063	387	387	0 ANNUAL	PIT	5	
TMA	422128	5415593	0.0596	389.01	389.01	0 ANNUAL	PIT	5	
TMA	422128	5415693	0.05862	390	390	0 ANNUAL	PIT	5	
TMA	422128	5415793	0.05794	389	389	0 ANNUAL	PIT	5	
TMA	422128	5415893	0.05688	388.77	388.77	0 ANNUAL	PIT	5	
TMA	422128	5415993	0.05548	389.55	389.55	0 ANNUAL	PIT	5	
TMA	422128	5416093	0.05405	390	390	0 ANNUAL	PIT	5	
TMA	422128	5416193	0.05245	391.08	391.08	0 ANNUAL	PIT	5	
TMA	422228	5415293	0.06264	390	390	0 ANNUAL	PIT	5	
TMA	422228	5415393	0.06247	389	389	0 ANNUAL	PIT	5	
TMA	422228	5415493	0.06205	388	388	0 ANNUAL	PIT	5	
TMA	422228	5415593	0.06106	388.35	388.35	0 ANNUAL	PIT	5	
TMA	422228	5415693	0.0598	389	389	0 ANNUAL	PIT	5	
TMA	422228	5415793	0.05855	389	389	0 ANNUAL	PIT	5	
TMA	422228	5415893	0.05717	389	389	0 ANNUAL	PIT	5	
TMA	422228	5415993	0.0555	390	390	0 ANNUAL	PIT	5	
TMA	422228	5416093	0.05381	391	391	0 ANNUAL	PIT	5	
TMA	422228	5416193	0.05189	392.98	392.98	0 ANNUAL	PIT	5	
TMA	422328	5415293	0.06459	390	390	0 ANNUAL	PIT	5	
TMA	422328	5415393	0.06375	390	390	0 ANNUAL	PIT	5	
TMA	422328	5415493	0.06294	389.15	389.15	0 ANNUAL	PIT	5	
TMA	422328	5415593	0.06171	389	389	0 ANNUAL	PIT	5	
TMA	422328	5415693	0.0603	389	389	0 ANNUAL	PIT	5	
TMA	422328	5415793	0.05856	389.89	389.89	0 ANNUAL	PIT	5	
TMA	422328	5415893	0.05699	390	390	0 ANNUAL	PIT	5	
TMA	422328	5415993	0.05546	390	390	0 ANNUAL	PIT	5	
TMA	422328	5416093	0.05374	391	391	0 ANNUAL	PIT	5	
TMA	422328	5416193	0.05174	393.31	393.31	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	422428	5415293	0.06635	389.06	389.06	0 ANNUAL	PIT	5	
TMA	422428	5415393	0.06481	390	390	0 ANNUAL	PIT	5	
TMA	422428	5415493	0.06338	390	390	0 ANNUAL	PIT	5	
TMA	422428	5415593	0.06152	391	391	0 ANNUAL	PIT	5	
TMA	422428	5415693	0.06019	390	390	0 ANNUAL	PIT	5	
TMA	422428	5415793	0.05841	390.49	390.49	0 ANNUAL	PIT	5	
TMA	422428	5415893	0.05668	391	391	0 ANNUAL	PIT	5	
TMA	422428	5415993	0.05517	391	391	0 ANNUAL	PIT	5	
TMA	422428	5416093	0.05351	392	392	0 ANNUAL	PIT	5	
TMA	422428	5416193	0.05169	394	394	0 ANNUAL	PIT	5	
TMA	422528	5415293	0.06698	390	390	0 ANNUAL	PIT	5	
TMA	422528	5415393	0.06494	391.3	391.3	0 ANNUAL	PIT	5	
TMA	422528	5415493	0.06263	393.05	393.05	0 ANNUAL	PIT	5	
TMA	422528	5415593	0.06051	394.16	394.16	0 ANNUAL	PIT	5	
TMA	422528	5415693	0.05887	394.07	394.07	0 ANNUAL	PIT	5	
TMA	422528	5415793	0.0573	393.98	393.98	0 ANNUAL	PIT	5	
TMA	422528	5415893	0.05613	393	393	0 ANNUAL	PIT	5	
TMA	422528	5415993	0.05506	392	392	0 ANNUAL	PIT	5	
TMA	422528	5416093	0.05384	392	392	0 ANNUAL	PIT	5	
TMA	422528	5416193	0.05237	393.43	393.43	0 ANNUAL	PIT	5	
TMA	422628	5415293	0.06742	390	390	0 ANNUAL	PIT	5	
TMA	422628	5415393	0.0645	392.95	392.95	0 ANNUAL	PIT	5	
TMA	422628	5415493	0.06154	395.85	395.85	0 ANNUAL	PIT	5	
TMA	422628	5415593	0.05907	397.7	397.7	0 ANNUAL	PIT	5	
TMA	422628	5415693	0.05754	397.61	397.61	0 ANNUAL	PIT	5	
TMA	422628	5415793	0.05654	396.52	396.52	0 ANNUAL	PIT	5	
TMA	422628	5415893	0.05573	395.2	395.2	0 ANNUAL	PIT	5	
TMA	422628	5415993	0.055	394	394	0 ANNUAL	PIT	5	
TMA	422628	5416093	0.05434	393	393	0 ANNUAL	PIT	5	
TMA	422628	5416193	0.05336	393.57	393.57	0 ANNUAL	PIT	5	
TMA	422728	5415293	0.06694	391.69	391.69	0 ANNUAL	PIT	5	
TMA	422728	5415393	0.06411	394.01	394.01	0 ANNUAL	PIT	5	
TMA	422728	5415493	0.06094	397.33	397.33	0 ANNUAL	PIT	5	
TMA	422728	5415593	0.05818	400	400	0 ANNUAL	PIT	5	
TMA	422728	5415693	0.05683	400	400	0 ANNUAL	PIT	5	
TMA	422728	5415793	0.05619	398.74	398.74	0 ANNUAL	PIT	5	
TMA	422728	5415893	0.05587	397	397	0 ANNUAL	PIT	5	
TMA	422728	5415993	0.05572	395.08	395.08	0 ANNUAL	PIT	5	
TMA	422728	5416093	0.05539	394	394	0 ANNUAL	PIT	5	
TMA	422728	5416193	0.05483	394	394	0 ANNUAL	PIT	5	
TMA	422828	5415293	0.06663	392.75	392.75	0 ANNUAL	PIT	5	
TMA	422828	5415393	0.0639	395	395	0 ANNUAL	PIT	5	
TMA	422828	5415493	0.06145	397	397	0 ANNUAL	PIT	5	
TMA	422828	5415593	0.05935	398.71	398.71	0 ANNUAL	PIT	5	
TMA	422828	5415693	0.05811	399	399	0 ANNUAL	PIT	5	
TMA	422828	5415793	0.05719	399	399	0 ANNUAL	PIT	5	
TMA	422828	5415893	0.05681	398.18	398.18	0 ANNUAL	PIT	5	
TMA	422828	5415993	0.0567	397	397	0 ANNUAL	PIT	5	
TMA	422828	5416093	0.05661	396	396	0 ANNUAL	PIT	5	
TMA	422828	5416193	0.05659	395	395	0 ANNUAL	PIT	5	
TMA	422928	5415293	0.06675	393.5	393.5	0 ANNUAL	PIT	5	
TMA	422928	5415393	0.0645	395.13	395.13	0 ANNUAL	PIT	5	
TMA	422928	5415493	0.06237	397	397	0 ANNUAL	PIT	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	422928	5415593	0.06051	398.77	398.77	0 ANNUAL	PIT	5	
TMA	422928	5415693	0.05958	399	399	0 ANNUAL	PIT	5	
TMA	422928	5415793	0.05895	399	399	0 ANNUAL	PIT	5	
TMA	422928	5415893	0.05845	399	399	0 ANNUAL	PIT	5	
TMA	422928	5415993	0.05849	398	398	0 ANNUAL	PIT	5	
TMA	422928	5416093	0.05855	397	397	0 ANNUAL	PIT	5	
TMA	422928	5416193	0.05859	396	396	0 ANNUAL	PIT	5	
TMA	423028	5415293	0.06761	393.89	393.89	0 ANNUAL	PIT	5	
TMA	423028	5415393	0.06589	395	395	0 ANNUAL	PIT	5	
TMA	423028	5415493	0.06422	396.51	396.51	0 ANNUAL	PIT	5	
TMA	423028	5415593	0.06283	397.84	397.84	0 ANNUAL	PIT	5	
TMA	423028	5415693	0.0617	399	399	0 ANNUAL	PIT	5	
TMA	423028	5415793	0.06104	399.46	399.46	0 ANNUAL	PIT	5	
TMA	423028	5415893	0.06055	399.7	399.7	0 ANNUAL	PIT	5	
TMA	423028	5415993	0.06051	399	399	0 ANNUAL	PIT	5	
TMA	423028	5416093	0.06054	398	398	0 ANNUAL	PIT	5	
TMA	423028	5416193	0.06009	398	398	0 ANNUAL	PIT	5	
TMA	423128	5415293	0.06888	394.93	394.93	0 ANNUAL	PIT	5	
TMA	423128	5415393	0.06747	396	396	0 ANNUAL	PIT	5	
TMA	423128	5415493	0.06613	397.3	397.3	0 ANNUAL	PIT	5	
TMA	423128	5415593	0.06501	398.44	398.44	0 ANNUAL	PIT	5	
TMA	423128	5415693	0.06426	399	399	0 ANNUAL	PIT	5	
TMA	423128	5415793	0.06333	400	400	0 ANNUAL	PIT	5	
TMA	423128	5415893	0.06288	400	400	0 ANNUAL	PIT	5	
TMA	423128	5415993	0.06283	399	399	0 ANNUAL	PIT	5	
TMA	423128	5416093	0.06221	399	399	0 ANNUAL	PIT	5	
TMA	423128	5416193	0.06148	399	399	0 ANNUAL	PIT	5	
TMA	423228	5415293	0.07134	395	395	0 ANNUAL	PIT	5	
TMA	423228	5415393	0.06961	397	397	0 ANNUAL	PIT	5	
TMA	423228	5415493	0.06815	398.66	398.66	0 ANNUAL	PIT	5	
TMA	423228	5415593	0.06689	400	400	0 ANNUAL	PIT	5	
TMA	423228	5415693	0.06635	400	400	0 ANNUAL	PIT	5	
TMA	423228	5415793	0.06573	400	400	0 ANNUAL	PIT	5	
TMA	423228	5415893	0.06551	399	399	0 ANNUAL	PIT	5	
TMA	423228	5415993	0.06467	399	399	0 ANNUAL	PIT	5	
TMA	423228	5416093	0.06371	399	399	0 ANNUAL	PIT	5	
TMA	423228	5416193	0.06219	400	400	0 ANNUAL	PIT	5	
TMA	423328	5415293	0.07372	396.05	396.05	0 ANNUAL	PIT	5	
TMA	423328	5415393	0.07195	398	398	0 ANNUAL	PIT	5	
TMA	423328	5415493	0.0707	399	399	0 ANNUAL	PIT	5	
TMA	423328	5415593	0.06938	400	400	0 ANNUAL	PIT	5	
TMA	423328	5415693	0.06855	400	400	0 ANNUAL	PIT	5	
TMA	423328	5415793	0.06759	400	400	0 ANNUAL	PIT	5	
TMA	423328	5415893	0.06703	399	399	0 ANNUAL	PIT	5	
TMA	423328	5415993	0.0663	398	398	0 ANNUAL	PIT	5	
TMA	423328	5416093	0.06499	398	398	0 ANNUAL	PIT	5	
TMA	423328	5416193	0.06315	399.01	399.01	0 ANNUAL	PIT	5	
TMA	423428	5415293	0.0761	397	397	0 ANNUAL	PIT	5	
TMA	423428	5415393	0.07433	398.43	398.43	0 ANNUAL	PIT	5	
TMA	423428	5415493	0.07298	399	399	0 ANNUAL	PIT	5	
TMA	423428	5415593	0.07136	399.86	399.86	0 ANNUAL	PIT	5	
TMA	423428	5415693	0.07062	399	399	0 ANNUAL	PIT	5	
TMA	423428	5415793	0.06978	398.03	398.03	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	423428	5415893	0.06882	397	397	0 ANNUAL	PIT	5	
TMA	423428	5415993	0.06772	396	396	0 ANNUAL	PIT	5	
TMA	423428	5416093	0.06628	395.59	395.59	0 ANNUAL	PIT	5	
TMA	423428	5416193	0.06446	396	396	0 ANNUAL	PIT	5	
TMA	423528	5415293	0.07849	397	397	0 ANNUAL	PIT	5	
TMA	423528	5415393	0.07656	398	398	0 ANNUAL	PIT	5	
TMA	423528	5415493	0.07452	399	399	0 ANNUAL	PIT	5	
TMA	423528	5415593	0.073	399	399	0 ANNUAL	PIT	5	
TMA	423528	5415693	0.07179	398.3	398.3	0 ANNUAL	PIT	5	
TMA	423528	5415793	0.07078	397	397	0 ANNUAL	PIT	5	
TMA	423528	5415893	0.06954	395.93	395.93	0 ANNUAL	PIT	5	
TMA	423528	5415993	0.06839	394.45	394.45	0 ANNUAL	PIT	5	
TMA	423528	5416093	0.06706	393.24	393.24	0 ANNUAL	PIT	5	
TMA	423528	5416193	0.06538	392.91	392.91	0 ANNUAL	PIT	5	
TMA	423628	5415293	0.07877	399	399	0 ANNUAL	PIT	5	
TMA	423628	5415393	0.07706	399	399	0 ANNUAL	PIT	5	
TMA	423628	5415493	0.07513	399.23	399.23	0 ANNUAL	PIT	5	
TMA	423628	5415593	0.07334	399.14	399.14	0 ANNUAL	PIT	5	
TMA	423628	5415693	0.07181	398.54	398.54	0 ANNUAL	PIT	5	
TMA	423628	5415793	0.07063	397.18	397.18	0 ANNUAL	PIT	5	
TMA	423628	5415893	0.06936	395.87	395.87	0 ANNUAL	PIT	5	
TMA	423628	5415993	0.06828	394	394	0 ANNUAL	PIT	5	
TMA	423628	5416093	0.06711	392.23	392.23	0 ANNUAL	PIT	5	
TMA	423628	5416193	0.06572	391	391	0 ANNUAL	PIT	5	
TMA	423728	5415293	0.0788	400	400	0 ANNUAL	PIT	5	
TMA	423728	5415393	0.07678	400	400	0 ANNUAL	PIT	5	
TMA	423728	5415493	0.07474	400	400	0 ANNUAL	PIT	5	
TMA	423728	5415593	0.07269	400	400	0 ANNUAL	PIT	5	
TMA	423728	5415693	0.07127	399	399	0 ANNUAL	PIT	5	
TMA	423728	5415793	0.06984	398	398	0 ANNUAL	PIT	5	
TMA	423728	5415893	0.06892	396	396	0 ANNUAL	PIT	5	
TMA	423728	5415993	0.06786	394.18	394.18	0 ANNUAL	PIT	5	
TMA	423728	5416093	0.06653	393	393	0 ANNUAL	PIT	5	
TMA	423728	5416193	0.06522	391.86	391.86	0 ANNUAL	PIT	5	
TMA	423828	5415293	0.07888	400	400	0 ANNUAL	PIT	5	
TMA	423828	5415393	0.07664	400	400	0 ANNUAL	PIT	5	
TMA	423828	5415493	0.07445	400	400	0 ANNUAL	PIT	5	
TMA	423828	5415593	0.07232	400	400	0 ANNUAL	PIT	5	
TMA	423828	5415693	0.07096	398.89	398.89	0 ANNUAL	PIT	5	
TMA	423828	5415793	0.07002	397.07	397.07	0 ANNUAL	PIT	5	
TMA	423828	5415893	0.06868	396	396	0 ANNUAL	PIT	5	
TMA	423828	5415993	0.06762	394.43	394.43	0 ANNUAL	PIT	5	
TMA	423828	5416093	0.06647	393.11	393.11	0 ANNUAL	PIT	5	
TMA	423828	5416193	0.06527	392	392	0 ANNUAL	PIT	5	
TMA	423928	5415293	0.07858	400	400	0 ANNUAL	PIT	5	
TMA	423928	5415393	0.07629	400	400	0 ANNUAL	PIT	5	
TMA	423928	5415493	0.0741	400	400	0 ANNUAL	PIT	5	
TMA	423928	5415593	0.07268	399	399	0 ANNUAL	PIT	5	
TMA	423928	5415693	0.07161	397.51	397.51	0 ANNUAL	PIT	5	
TMA	423928	5415793	0.07055	396	396	0 ANNUAL	PIT	5	
TMA	423928	5415893	0.06926	395	395	0 ANNUAL	PIT	5	
TMA	423928	5415993	0.06801	394	394	0 ANNUAL	PIT	5	
TMA	423928	5416093	0.06694	392.65	392.65	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	423928	5416193	0.06601	390.93	390.93	0 ANNUAL	PIT	5	
TMA	424028	5415293	0.07831	400	400	0 ANNUAL	PIT	5	
TMA	424028	5415393	0.0761	400	400	0 ANNUAL	PIT	5	
TMA	424028	5415493	0.07403	400	400	0 ANNUAL	PIT	5	
TMA	424028	5415593	0.07209	400	400	0 ANNUAL	PIT	5	
TMA	424028	5415693	0.07123	398.46	398.46	0 ANNUAL	PIT	5	
TMA	424028	5415793	0.07095	395.78	395.78	0 ANNUAL	PIT	5	
TMA	424028	5415893	0.07055	393	393	0 ANNUAL	PIT	5	
TMA	424028	5415993	0.06884	393	393	0 ANNUAL	PIT	5	
TMA	424028	5416093	0.06795	391.09	391.09	0 ANNUAL	PIT	5	
TMA	424028	5416193	0.06684	389.68	389.68	0 ANNUAL	PIT	5	
TMA	424128	5415293	0.07835	400	400	0 ANNUAL	PIT	5	
TMA	424128	5415393	0.07626	400	400	0 ANNUAL	PIT	5	
TMA	424128	5415493	0.0736	401	401	0 ANNUAL	PIT	5	
TMA	424128	5415593	0.07177	401	401	0 ANNUAL	PIT	5	
TMA	424128	5415693	0.07116	399.21	399.21	0 ANNUAL	PIT	5	
TMA	424128	5415793	0.07232	393.89	393.89	0 ANNUAL	PIT	5	
TMA	424128	5415893	0.07221	390	390	0 ANNUAL	PIT	5	
TMA	424128	5415993	0.07042	390	390	0 ANNUAL	PIT	5	
TMA	424128	5416093	0.06835	390.97	390.97	0 ANNUAL	PIT	5	
TMA	424128	5416193	0.06743	388.86	388.86	0 ANNUAL	PIT	5	
TMA	423228	5415193	0.07285	393.68	393.68	0 ANNUAL	PIT	5	
TMA	423228	5415093	0.07475	392	392	0 ANNUAL	PIT	5	
TMA	423328	5415193	0.07557	394	394	0 ANNUAL	PIT	5	
TMA	423328	5415093	0.07748	391.99	391.99	0 ANNUAL	PIT	5	
TMA	423428	5415193	0.07813	395	395	0 ANNUAL	PIT	5	
TMA	423428	5415093	0.07957	394	394	0 ANNUAL	PIT	5	
TMA	423528	5415193	0.08033	396	396	0 ANNUAL	PIT	5	
TMA	423528	5415093	0.08208	395	395	0 ANNUAL	PIT	5	
TMA	423628	5415193	0.08109	397.96	397.96	0 ANNUAL	PIT	5	
TMA	423628	5415093	0.08394	396	396	0 ANNUAL	PIT	5	
TMA	423728	5415193	0.08152	398.97	398.97	0 ANNUAL	PIT	5	
TMA	423728	5415093	0.08489	397	397	0 ANNUAL	PIT	5	
TMA	423828	5415193	0.08233	398.4	398.4	0 ANNUAL	PIT	5	
TMA	423828	5415093	0.08566	397	397	0 ANNUAL	PIT	5	
TMA	423928	5415193	0.08174	399	399	0 ANNUAL	PIT	5	
TMA	423928	5415093	0.08519	397.77	397.77	0 ANNUAL	PIT	5	
TMA	424028	5415193	0.08066	400	400	0 ANNUAL	PIT	5	
TMA	424028	5415093	0.08398	398.97	398.97	0 ANNUAL	PIT	5	
TMA	424028	5414993	0.08787	397.46	397.46	0 ANNUAL	PIT	5	
TMA	424028	5414893	0.09187	396	396	0 ANNUAL	PIT	5	
TMA	424028	5414793	0.09379	397.12	397.12	0 ANNUAL	PIT	5	
TMA	424028	5414693	0.09443	399.44	399.44	0 ANNUAL	PIT	5	
TMA	424128	5415193	0.08057	400	400	0 ANNUAL	PIT	5	
TMA	424128	5415093	0.08378	399	399	0 ANNUAL	PIT	5	
TMA	424128	5414993	0.08721	398	398	0 ANNUAL	PIT	5	
TMA	424128	5414893	0.09073	397.14	397.14	0 ANNUAL	PIT	5	
TMA	424128	5414793	0.09289	398	398	0 ANNUAL	PIT	5	
TMA	424128	5414693	0.09455	399.38	399.38	0 ANNUAL	PIT	5	
TMA	420028	5413493	0.03786	379	379	0 ANNUAL	PIT	5	
TMA	420028	5413593	0.03763	379	379	0 ANNUAL	PIT	5	
TMA	420028	5413693	0.03776	379	379	0 ANNUAL	PIT	5	
TMA	420028	5413793	0.0382	379	379	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420028	5413893	0.03887	379.08	379.08	0 ANNUAL	PIT	5	
TMA	420028	5413993	0.03965	379	379	0 ANNUAL	PIT	5	
TMA	420028	5414093	0.04038	379	379	0 ANNUAL	PIT	5	
TMA	420028	5414193	0.04107	377.89	377.89	0 ANNUAL	PIT	5	
TMA	420028	5414293	0.04161	376	376	0 ANNUAL	PIT	5	
TMA	420028	5414393	0.04191	373.92	373.92	0 ANNUAL	PIT	5	
TMA	420028	5414493	0.04196	372.25	372.25	0 ANNUAL	PIT	5	
TMA	420028	5414593	0.04175	373	373	0 ANNUAL	PIT	5	
TMA	420028	5414693	0.04131	375.1	375.1	0 ANNUAL	PIT	5	
TMA	420028	5414793	0.0407	375.76	375.76	0 ANNUAL	PIT	5	
TMA	420028	5414893	0.03991	375.64	375.64	0 ANNUAL	PIT	5	
TMA	420028	5414993	0.03887	378.09	378.09	0 ANNUAL	PIT	5	
TMA	420028	5415093	0.03766	380.44	380.44	0 ANNUAL	PIT	5	
TMA	420028	5415193	0.03656	380.23	380.23	0 ANNUAL	PIT	5	
TMA	420028	5415293	0.03553	380	380	0 ANNUAL	PIT	5	
TMA	420028	5415393	0.03464	380	380	0 ANNUAL	PIT	5	
TMA	420028	5415493	0.03396	379.87	379.87	0 ANNUAL	PIT	5	
TMA	420028	5415593	0.03349	380	380	0 ANNUAL	PIT	5	
TMA	420028	5415693	0.03317	381	381	0 ANNUAL	PIT	5	
TMA	420028	5415793	0.03307	382	382	0 ANNUAL	PIT	5	
TMA	420028	5415893	0.03321	382	382	0 ANNUAL	PIT	5	
TMA	420028	5415993	0.03342	382	382	0 ANNUAL	PIT	5	
TMA	420028	5416093	0.03369	381	381	0 ANNUAL	PIT	5	
TMA	420028	5416193	0.03389	380.09	380.09	0 ANNUAL	PIT	5	
TMA	419928	5413493	0.03718	377.92	377.92	0 ANNUAL	PIT	5	
TMA	419928	5413593	0.03678	377.82	377.82	0 ANNUAL	PIT	5	
TMA	419928	5413693	0.03671	377.73	377.73	0 ANNUAL	PIT	5	
TMA	419928	5413793	0.03696	377.63	377.63	0 ANNUAL	PIT	5	
TMA	419928	5413893	0.03755	377	377	0 ANNUAL	PIT	5	
TMA	419928	5413993	0.03823	377	377	0 ANNUAL	PIT	5	
TMA	419928	5414093	0.03904	376	376	0 ANNUAL	PIT	5	
TMA	419928	5414193	0.03975	375	375	0 ANNUAL	PIT	5	
TMA	419928	5414293	0.04034	373.32	373.32	0 ANNUAL	PIT	5	
TMA	419928	5414393	0.04071	372.06	372.06	0 ANNUAL	PIT	5	
TMA	419928	5414493	0.04084	372	372	0 ANNUAL	PIT	5	
TMA	419928	5414593	0.04075	374.56	374.56	0 ANNUAL	PIT	5	
TMA	419928	5414693	0.04036	379.09	379.09	0 ANNUAL	PIT	5	
TMA	419928	5414793	0.03992	380	380	0 ANNUAL	PIT	5	
TMA	419928	5414893	0.03932	380	380	0 ANNUAL	PIT	5	
TMA	419928	5414993	0.03853	380	380	0 ANNUAL	PIT	5	
TMA	419928	5415093	0.03755	380.27	380.27	0 ANNUAL	PIT	5	
TMA	419928	5415193	0.03652	380	380	0 ANNUAL	PIT	5	
TMA	419928	5415293	0.0355	379.23	379.23	0 ANNUAL	PIT	5	
TMA	419928	5415393	0.03453	379	379	0 ANNUAL	PIT	5	
TMA	419928	5415493	0.03369	379	379	0 ANNUAL	PIT	5	
TMA	419928	5415593	0.03295	380	380	0 ANNUAL	PIT	5	
TMA	419928	5415693	0.03233	382	382	0 ANNUAL	PIT	5	
TMA	419928	5415793	0.03193	384	384	0 ANNUAL	PIT	5	
TMA	419928	5415893	0.03192	384.34	384.34	0 ANNUAL	PIT	5	
TMA	419928	5415993	0.03218	383.34	383.34	0 ANNUAL	PIT	5	
TMA	419928	5416093	0.03255	381.47	381.47	0 ANNUAL	PIT	5	
TMA	419928	5416193	0.03283	380	380	0 ANNUAL	PIT	5	
TMA	419828	5413493	0.03665	376	376	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	419828	5413593	0.03612	376	376	0 ANNUAL	PIT	5	
TMA	419828	5413693	0.03593	375.18	375.18	0 ANNUAL	PIT	5	
TMA	419828	5413793	0.036	375.07	375.07	0 ANNUAL	PIT	5	
TMA	419828	5413893	0.03635	375	375	0 ANNUAL	PIT	5	
TMA	419828	5413993	0.03699	374	374	0 ANNUAL	PIT	5	
TMA	419828	5414093	0.03772	373	373	0 ANNUAL	PIT	5	
TMA	419828	5414193	0.03839	372.71	372.71	0 ANNUAL	PIT	5	
TMA	419828	5414293	0.03898	372	372	0 ANNUAL	PIT	5	
TMA	419828	5414393	0.03942	371.52	371.52	0 ANNUAL	PIT	5	
TMA	419828	5414493	0.03967	372	372	0 ANNUAL	PIT	5	
TMA	419828	5414593	0.0397	374.71	374.71	0 ANNUAL	PIT	5	
TMA	419828	5414693	0.03954	377.27	377.27	0 ANNUAL	PIT	5	
TMA	419828	5414793	0.03918	380	380	0 ANNUAL	PIT	5	
TMA	419828	5414893	0.0388	379.38	379.38	0 ANNUAL	PIT	5	
TMA	419828	5414993	0.03821	379	379	0 ANNUAL	PIT	5	
TMA	419828	5415093	0.03742	378.96	378.96	0 ANNUAL	PIT	5	
TMA	419828	5415193	0.03649	378.77	378.77	0 ANNUAL	PIT	5	
TMA	419828	5415293	0.03546	378.93	378.93	0 ANNUAL	PIT	5	
TMA	419828	5415393	0.03444	379	379	0 ANNUAL	PIT	5	
TMA	419828	5415493	0.03343	379.79	379.79	0 ANNUAL	PIT	5	
TMA	419828	5415593	0.03261	380	380	0 ANNUAL	PIT	5	
TMA	419828	5415693	0.03168	383.2	383.2	0 ANNUAL	PIT	5	
TMA	419828	5415793	0.03093	386.41	386.41	0 ANNUAL	PIT	5	
TMA	419828	5415893	0.03062	387.89	387.89	0 ANNUAL	PIT	5	
TMA	419828	5415993	0.03078	387	387	0 ANNUAL	PIT	5	
TMA	419828	5416093	0.03129	383.65	390	0 ANNUAL	PIT	5	
TMA	419828	5416193	0.03182	379.04	392	0 ANNUAL	PIT	5	
TMA	419728	5413493	0.03596	377.15	377.15	0 ANNUAL	PIT	5	
TMA	419728	5413593	0.03543	375.65	375.65	0 ANNUAL	PIT	5	
TMA	419728	5413693	0.03515	374	374	0 ANNUAL	PIT	5	
TMA	419728	5413793	0.03512	373	373	0 ANNUAL	PIT	5	
TMA	419728	5413893	0.0353	372.77	372.77	0 ANNUAL	PIT	5	
TMA	419728	5413993	0.03577	372	372	0 ANNUAL	PIT	5	
TMA	419728	5414093	0.03639	371.25	371.25	0 ANNUAL	PIT	5	
TMA	419728	5414193	0.03703	371	371	0 ANNUAL	PIT	5	
TMA	419728	5414293	0.03762	371	371	0 ANNUAL	PIT	5	
TMA	419728	5414393	0.03809	372	372	0 ANNUAL	PIT	5	
TMA	419728	5414493	0.03846	372.11	372.11	0 ANNUAL	PIT	5	
TMA	419728	5414593	0.03865	373	373	0 ANNUAL	PIT	5	
TMA	419728	5414693	0.03865	374.99	374.99	0 ANNUAL	PIT	5	
TMA	419728	5414793	0.03852	376	376	0 ANNUAL	PIT	5	
TMA	419728	5414893	0.03824	376.51	376.51	0 ANNUAL	PIT	5	
TMA	419728	5414993	0.03778	377	377	0 ANNUAL	PIT	5	
TMA	419728	5415093	0.03715	377.23	377.23	0 ANNUAL	PIT	5	
TMA	419728	5415193	0.03631	378.9	378.9	0 ANNUAL	PIT	5	
TMA	419728	5415293	0.03533	379.98	379.98	0 ANNUAL	PIT	5	
TMA	419728	5415393	0.03434	380	380	0 ANNUAL	PIT	5	
TMA	419728	5415493	0.03327	381.06	381.06	0 ANNUAL	PIT	5	
TMA	419728	5415593	0.0321	383.84	383.84	0 ANNUAL	PIT	5	
TMA	419728	5415693	0.03104	386.38	386.38	0 ANNUAL	PIT	5	
TMA	419728	5415793	0.03008	389.45	389.45	0 ANNUAL	PIT	5	
TMA	419728	5415893	0.02966	390	390	0 ANNUAL	PIT	5	
TMA	419728	5415993	0.02943	391	391	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	419728	5416093	0.02941	392	392	0 ANNUAL	PIT	5	
TMA	419728	5416193	0.02978	391	391	0 ANNUAL	PIT	5	
TMA	419628	5413093	0.03649	380	380	0 ANNUAL	PIT	5	
TMA	419628	5413193	0.03675	380	380	0 ANNUAL	PIT	5	
TMA	419628	5413293	0.03653	380	380	0 ANNUAL	PIT	5	
TMA	419628	5413393	0.03597	380	380	0 ANNUAL	PIT	5	
TMA	419628	5413493	0.03531	378.97	378.97	0 ANNUAL	PIT	5	
TMA	419628	5413593	0.03473	377	377	0 ANNUAL	PIT	5	
TMA	419628	5413693	0.03434	375	375	0 ANNUAL	PIT	5	
TMA	419628	5413793	0.0342	372.96	372.96	0 ANNUAL	PIT	5	
TMA	419628	5413893	0.03436	371	371	0 ANNUAL	PIT	5	
TMA	419628	5413993	0.03469	370	370	0 ANNUAL	PIT	5	
TMA	419628	5414093	0.03507	371	371	0 ANNUAL	PIT	5	
TMA	419628	5414193	0.03563	371.12	371.12	0 ANNUAL	PIT	5	
TMA	419628	5414293	0.0362	372	372	0 ANNUAL	PIT	5	
TMA	419628	5414393	0.03676	372.03	372.03	0 ANNUAL	PIT	5	
TMA	419628	5414493	0.0371	375.26	375.26	0 ANNUAL	PIT	5	
TMA	419628	5414593	0.03732	377.75	377.75	0 ANNUAL	PIT	5	
TMA	419628	5414693	0.03759	375.85	375.85	0 ANNUAL	PIT	5	
TMA	419628	5414793	0.03762	375.94	375.94	0 ANNUAL	PIT	5	
TMA	419628	5414893	0.03749	376.04	376.04	0 ANNUAL	PIT	5	
TMA	419628	5414993	0.03717	377.11	377.11	0 ANNUAL	PIT	5	
TMA	419628	5415093	0.03666	379	379	0 ANNUAL	PIT	5	
TMA	419628	5415193	0.03597	380.49	380.49	0 ANNUAL	PIT	5	
TMA	419628	5415293	0.0351	382	382	0 ANNUAL	PIT	5	
TMA	419628	5415393	0.03407	383.57	383.57	0 ANNUAL	PIT	5	
TMA	419628	5415493	0.03294	385.26	385.26	0 ANNUAL	PIT	5	
TMA	419628	5415593	0.03179	386.93	386.93	0 ANNUAL	PIT	5	
TMA	419628	5415693	0.03075	388.07	388.07	0 ANNUAL	PIT	5	
TMA	419628	5415793	0.02987	389	389	0 ANNUAL	PIT	5	
TMA	419628	5415893	0.02934	388.71	388.71	0 ANNUAL	PIT	5	
TMA	419628	5415993	0.02886	390	390	0 ANNUAL	PIT	5	
TMA	419628	5416093	0.02865	391	391	0 ANNUAL	PIT	5	
TMA	419628	5416193	0.02876	391	391	0 ANNUAL	PIT	5	
TMA	419528	5413093	0.03529	380	380	0 ANNUAL	PIT	5	
TMA	419528	5413193	0.03578	380	380	0 ANNUAL	PIT	5	
TMA	419528	5413293	0.03579	380	380	0 ANNUAL	PIT	5	
TMA	419528	5413393	0.03539	380	380	0 ANNUAL	PIT	5	
TMA	419528	5413493	0.03474	380	380	0 ANNUAL	PIT	5	
TMA	419528	5413593	0.03413	378.23	378.23	0 ANNUAL	PIT	5	
TMA	419528	5413693	0.03372	374.7	374.7	0 ANNUAL	PIT	5	
TMA	419528	5413793	0.03355	371.02	371.02	0 ANNUAL	PIT	5	
TMA	419528	5413893	0.03348	370	370	0 ANNUAL	PIT	5	
TMA	419528	5413993	0.03354	370.62	370.62	0 ANNUAL	PIT	5	
TMA	419528	5414093	0.03384	371	371	0 ANNUAL	PIT	5	
TMA	419528	5414193	0.03427	372	372	0 ANNUAL	PIT	5	
TMA	419528	5414293	0.03477	373.58	373.58	0 ANNUAL	PIT	5	
TMA	419528	5414393	0.03536	374	374	0 ANNUAL	PIT	5	
TMA	419528	5414493	0.03574	377.2	377.2	0 ANNUAL	PIT	5	
TMA	419528	5414593	0.03602	380	380	0 ANNUAL	PIT	5	
TMA	419528	5414693	0.03634	379.49	379.49	0 ANNUAL	PIT	5	
TMA	419528	5414793	0.03655	378.41	378.41	0 ANNUAL	PIT	5	
TMA	419528	5414893	0.03658	378	378	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	419528	5414993	0.03639	379	379	0 ANNUAL	PIT	5	
TMA	419528	5415093	0.03606	380	380	0 ANNUAL	PIT	5	
TMA	419528	5415193	0.03553	381.42	381.42	0 ANNUAL	PIT	5	
TMA	419528	5415293	0.03477	383.74	383.74	0 ANNUAL	PIT	5	
TMA	419528	5415393	0.03382	386	386	0 ANNUAL	PIT	5	
TMA	419528	5415493	0.03283	386.85	386.85	0 ANNUAL	PIT	5	
TMA	419528	5415593	0.03186	386.76	386.76	0 ANNUAL	PIT	5	
TMA	419528	5415693	0.03099	385.66	385.66	0 ANNUAL	PIT	5	
TMA	419528	5415793	0.03022	384.57	384.57	0 ANNUAL	PIT	5	
TMA	419528	5415893	0.02942	385.47	385.47	0 ANNUAL	PIT	5	
TMA	419528	5415993	0.02863	387.98	387.98	0 ANNUAL	PIT	5	
TMA	419528	5416093	0.0282	389.08	389.08	0 ANNUAL	PIT	5	
TMA	419528	5416193	0.02811	389.19	389.19	0 ANNUAL	PIT	5	
TMA	419428	5413093	0.03414	378	378	0 ANNUAL	PIT	5	
TMA	419428	5413193	0.03477	379	379	0 ANNUAL	PIT	5	
TMA	419428	5413293	0.03501	379	379	0 ANNUAL	PIT	5	
TMA	419428	5413393	0.03476	380	380	0 ANNUAL	PIT	5	
TMA	419428	5413493	0.03423	380	380	0 ANNUAL	PIT	5	
TMA	419428	5413593	0.03362	378.71	378.71	0 ANNUAL	PIT	5	
TMA	419428	5413693	0.03319	374.4	374.4	0 ANNUAL	PIT	5	
TMA	419428	5413793	0.03292	370.08	370.08	0 ANNUAL	PIT	5	
TMA	419428	5413893	0.03266	370	370	0 ANNUAL	PIT	5	
TMA	419428	5413993	0.03254	371	371	0 ANNUAL	PIT	5	
TMA	419428	5414093	0.03265	372	372	0 ANNUAL	PIT	5	
TMA	419428	5414193	0.03296	373.19	373.19	0 ANNUAL	PIT	5	
TMA	419428	5414293	0.0334	374.78	374.78	0 ANNUAL	PIT	5	
TMA	419428	5414393	0.034	375	375	0 ANNUAL	PIT	5	
TMA	419428	5414493	0.03449	377	377	0 ANNUAL	PIT	5	
TMA	419428	5414593	0.03489	379	379	0 ANNUAL	PIT	5	
TMA	419428	5414693	0.03523	379.79	379.79	0 ANNUAL	PIT	5	
TMA	419428	5414793	0.03552	379	379	0 ANNUAL	PIT	5	
TMA	419428	5414893	0.03562	379.13	379.13	0 ANNUAL	PIT	5	
TMA	419428	5414993	0.03556	380	380	0 ANNUAL	PIT	5	
TMA	419428	5415093	0.03535	381.01	381.01	0 ANNUAL	PIT	5	
TMA	419428	5415193	0.03493	383.15	383.15	0 ANNUAL	PIT	5	
TMA	419428	5415293	0.03435	385	385	0 ANNUAL	PIT	5	
TMA	419428	5415393	0.03372	385	385	0 ANNUAL	PIT	5	
TMA	419428	5415493	0.03301	383.78	383.78	0 ANNUAL	PIT	5	
TMA	419428	5415593	0.03217	383	383	0 ANNUAL	PIT	5	
TMA	419428	5415693	0.0313	382.01	382.01	0 ANNUAL	PIT	5	
TMA	419428	5415793	0.03047	381	381	0 ANNUAL	PIT	5	
TMA	419428	5415893	0.02963	381.54	381.54	0 ANNUAL	PIT	5	
TMA	419428	5415993	0.02869	384.75	384.75	0 ANNUAL	PIT	5	
TMA	419428	5416093	0.02797	387	387	0 ANNUAL	PIT	5	
TMA	419428	5416193	0.02751	388.7	388.7	0 ANNUAL	PIT	5	
TMA	419328	5413093	0.03293	377	377	0 ANNUAL	PIT	5	
TMA	419328	5413193	0.03367	378.95	378.95	0 ANNUAL	PIT	5	
TMA	419328	5413293	0.03407	380	380	0 ANNUAL	PIT	5	
TMA	419328	5413393	0.03404	381	381	0 ANNUAL	PIT	5	
TMA	419328	5413493	0.03371	380	380	0 ANNUAL	PIT	5	
TMA	419328	5413593	0.03326	376.33	376.33	0 ANNUAL	PIT	5	
TMA	419328	5413693	0.03278	372.21	372.21	0 ANNUAL	PIT	5	
TMA	419328	5413793	0.03233	370	370	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	419328	5413893	0.03195	370	370	0 ANNUAL	PIT	5	
TMA	419328	5413993	0.0317	371	371	0 ANNUAL	PIT	5	
TMA	419328	5414093	0.03161	372.81	372.81	0 ANNUAL	PIT	5	
TMA	419328	5414193	0.03179	374	374	0 ANNUAL	PIT	5	
TMA	419328	5414293	0.03216	375.05	375.05	0 ANNUAL	PIT	5	
TMA	419328	5414393	0.03268	376	376	0 ANNUAL	PIT	5	
TMA	419328	5414493	0.03329	376	376	0 ANNUAL	PIT	5	
TMA	419328	5414593	0.03374	378	378	0 ANNUAL	PIT	5	
TMA	419328	5414693	0.03416	379	379	0 ANNUAL	PIT	5	
TMA	419328	5414793	0.03443	380	380	0 ANNUAL	PIT	5	
TMA	419328	5414893	0.03462	380.23	380.23	0 ANNUAL	PIT	5	
TMA	419328	5414993	0.03463	381.51	381.51	0 ANNUAL	PIT	5	
TMA	419328	5415093	0.0345	383	383	0 ANNUAL	PIT	5	
TMA	419328	5415193	0.03427	384	384	0 ANNUAL	PIT	5	
TMA	419328	5415293	0.03397	383.97	383.97	0 ANNUAL	PIT	5	
TMA	419328	5415393	0.03359	382.06	382.06	0 ANNUAL	PIT	5	
TMA	419328	5415493	0.033	381	381	0 ANNUAL	PIT	5	
TMA	419328	5415593	0.03227	380	380	0 ANNUAL	PIT	5	
TMA	419328	5415693	0.03143	379.62	379.62	0 ANNUAL	PIT	5	
TMA	419328	5415793	0.03055	379.62	379.62	0 ANNUAL	PIT	5	
TMA	419328	5415893	0.02954	382.14	382.14	0 ANNUAL	PIT	5	
TMA	419328	5415993	0.0284	386.55	386.55	0 ANNUAL	PIT	5	
TMA	419328	5416093	0.0275	389	389	0 ANNUAL	PIT	5	
TMA	419328	5416193	0.02693	390	390	0 ANNUAL	PIT	5	
TMA	419228	5413093	0.03165	377.57	377.57	0 ANNUAL	PIT	5	
TMA	419228	5413193	0.03252	379	379	0 ANNUAL	PIT	5	
TMA	419228	5413293	0.03311	380	380	0 ANNUAL	PIT	5	
TMA	419228	5413393	0.03333	380	380	0 ANNUAL	PIT	5	
TMA	419228	5413493	0.03323	377.16	377.16	0 ANNUAL	PIT	5	
TMA	419228	5413593	0.03285	372.84	372.84	0 ANNUAL	PIT	5	
TMA	419228	5413693	0.03234	369.96	369.96	0 ANNUAL	PIT	5	
TMA	419228	5413793	0.03183	369	369	0 ANNUAL	PIT	5	
TMA	419228	5413893	0.03139	369	369	0 ANNUAL	PIT	5	
TMA	419228	5413993	0.03101	370.64	370.64	0 ANNUAL	PIT	5	
TMA	419228	5414093	0.03073	373.35	373.35	0 ANNUAL	PIT	5	
TMA	419228	5414193	0.03068	375.59	375.59	0 ANNUAL	PIT	5	
TMA	419228	5414293	0.03096	376.25	376.25	0 ANNUAL	PIT	5	
TMA	419228	5414393	0.03141	377	377	0 ANNUAL	PIT	5	
TMA	419228	5414493	0.03195	377.84	377.84	0 ANNUAL	PIT	5	
TMA	419228	5414593	0.03249	378.96	378.96	0 ANNUAL	PIT	5	
TMA	419228	5414693	0.03296	380	380	0 ANNUAL	PIT	5	
TMA	419228	5414793	0.03333	380.97	380.97	0 ANNUAL	PIT	5	
TMA	419228	5414893	0.03355	382	382	0 ANNUAL	PIT	5	
TMA	419228	5414993	0.03367	382.73	382.73	0 ANNUAL	PIT	5	
TMA	419228	5415093	0.03371	383	383	0 ANNUAL	PIT	5	
TMA	419228	5415193	0.03366	382.88	382.88	0 ANNUAL	PIT	5	
TMA	419228	5415293	0.03354	381.67	381.67	0 ANNUAL	PIT	5	
TMA	419228	5415393	0.03323	381	381	0 ANNUAL	PIT	5	
TMA	419228	5415493	0.03277	380	380	0 ANNUAL	PIT	5	
TMA	419228	5415593	0.03213	380	380	0 ANNUAL	PIT	5	
TMA	419228	5415693	0.0314	379	379	0 ANNUAL	PIT	5	
TMA	419228	5415793	0.03053	380	380	0 ANNUAL	PIT	5	
TMA	419228	5415893	0.02952	382.83	382.83	0 ANNUAL	PIT	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	419228	5415993	0.02829	387.77	387.77	0 ANNUAL	PIT	5	
TMA	419228	5416093	0.0274	389.06	389.06	0 ANNUAL	PIT	5	
TMA	419228	5416193	0.02668	390	390	0 ANNUAL	PIT	5	
TMA	419128	5413093	0.03046	377	377	0 ANNUAL	PIT	5	
TMA	419128	5413193	0.0314	377.7	377.7	0 ANNUAL	PIT	5	
TMA	419128	5413293	0.03216	377.75	377.75	0 ANNUAL	PIT	5	
TMA	419128	5413393	0.03259	376.54	376.54	0 ANNUAL	PIT	5	
TMA	419128	5413493	0.03261	373.22	373.22	0 ANNUAL	PIT	5	
TMA	419128	5413593	0.0323	369.9	369.9	0 ANNUAL	PIT	5	
TMA	419128	5413693	0.03185	369	369	0 ANNUAL	PIT	5	
TMA	419128	5413793	0.03134	368.28	368.28	0 ANNUAL	PIT	5	
TMA	419128	5413893	0.0308	370.05	370.05	0 ANNUAL	PIT	5	
TMA	419128	5413993	0.03019	374.28	374.28	0 ANNUAL	PIT	5	
TMA	419128	5414093	0.0297	377.69	377.69	0 ANNUAL	PIT	5	
TMA	419128	5414193	0.02955	379	379	0 ANNUAL	PIT	5	
TMA	419128	5414293	0.02976	378.74	378.74	0 ANNUAL	PIT	5	
TMA	419128	5414393	0.03022	378	378	0 ANNUAL	PIT	5	
TMA	419128	5414493	0.0307	379	379	0 ANNUAL	PIT	5	
TMA	419128	5414593	0.03124	380	380	0 ANNUAL	PIT	5	
TMA	419128	5414693	0.0318	380.34	380.34	0 ANNUAL	PIT	5	
TMA	419128	5414793	0.03226	381	381	0 ANNUAL	PIT	5	
TMA	419128	5414893	0.03261	381.23	381.23	0 ANNUAL	PIT	5	
TMA	419128	5414993	0.03287	381	381	0 ANNUAL	PIT	5	
TMA	419128	5415093	0.033	381	381	0 ANNUAL	PIT	5	
TMA	419128	5415193	0.03302	381	381	0 ANNUAL	PIT	5	
TMA	419128	5415293	0.03296	380.44	380.44	0 ANNUAL	PIT	5	
TMA	419128	5415393	0.03276	380	380	0 ANNUAL	PIT	5	
TMA	419128	5415493	0.0324	380	380	0 ANNUAL	PIT	5	
TMA	419128	5415593	0.0319	380	380	0 ANNUAL	PIT	5	
TMA	419128	5415693	0.03131	378	378	0 ANNUAL	PIT	5	
TMA	419128	5415793	0.03056	378.43	378.43	0 ANNUAL	PIT	5	
TMA	419128	5415893	0.02963	381.39	381.39	0 ANNUAL	PIT	5	
TMA	419128	5415993	0.02865	383.76	383.76	0 ANNUAL	PIT	5	
TMA	419128	5416093	0.02775	384.98	384.98	0 ANNUAL	PIT	5	
TMA	419128	5416193	0.02711	384	384	0 ANNUAL	PIT	5	
TMA	419128	5416393	0.02632	381.62	391	0 ANNUAL	PIT	5	
TMA	419128	5416593	0.02639	376.62	376.62	0 ANNUAL	PIT	5	
TMA	419128	5416793	0.02671	373.32	373.32	0 ANNUAL	PIT	5	
TMA	419128	5416993	0.02702	370	370	0 ANNUAL	PIT	5	
TMA	419128	5417193	0.02711	370	370	0 ANNUAL	PIT	5	
TMA	419128	5417393	0.02704	372	372	0 ANNUAL	PIT	5	
TMA	419128	5417593	0.0268	373	373	0 ANNUAL	PIT	5	
TMA	419128	5417793	0.02643	371	371	0 ANNUAL	PIT	5	
TMA	419128	5417993	0.02601	366.05	366.05	0 ANNUAL	PIT	5	
TMA	419128	5418193	0.02552	370	370	0 ANNUAL	PIT	5	
TMA	419128	5418393	0.02507	369.68	369.68	0 ANNUAL	PIT	5	
TMA	419128	5418593	0.02501	362.04	362.04	0 ANNUAL	PIT	5	
TMA	419128	5418793	0.02473	363	363	0 ANNUAL	PIT	5	
TMA	419128	5418993	0.02456	363	363	0 ANNUAL	PIT	5	
TMA	419128	5419193	0.02448	362	362	0 ANNUAL	PIT	5	
TMA	419328	5416393	0.02664	389.8	389.8	0 ANNUAL	PIT	5	
TMA	419328	5416593	0.02776	379	379	0 ANNUAL	PIT	5	
TMA	419328	5416793	0.02826	375	375	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	419328	5416993	0.02845	372	372	0 ANNUAL	PIT	5	
TMA	419328	5417193	0.02836	373.69	373.69	0 ANNUAL	PIT	5	
TMA	419328	5417393	0.02806	375.97	375.97	0 ANNUAL	PIT	5	
TMA	419328	5417593	0.02765	375	375	0 ANNUAL	PIT	5	
TMA	419328	5417793	0.02721	370.19	370.19	0 ANNUAL	PIT	5	
TMA	419328	5417993	0.02675	367.5	367.5	0 ANNUAL	PIT	5	
TMA	419328	5418193	0.02622	370	370	0 ANNUAL	PIT	5	
TMA	419328	5418393	0.02589	368.56	368.56	0 ANNUAL	PIT	5	
TMA	419328	5418593	0.02583	364.82	364.82	0 ANNUAL	PIT	5	
TMA	419328	5418793	0.02568	365	365	0 ANNUAL	PIT	5	
TMA	419328	5418993	0.02561	365	365	0 ANNUAL	PIT	5	
TMA	419328	5419193	0.02555	364	364	0 ANNUAL	PIT	5	
TMA	419528	5416393	0.02864	387	387	0 ANNUAL	PIT	5	
TMA	419528	5416593	0.02945	382.03	382.03	0 ANNUAL	PIT	5	
TMA	419528	5416793	0.02977	380	380	0 ANNUAL	PIT	5	
TMA	419528	5416993	0.02979	374.51	374.51	0 ANNUAL	PIT	5	
TMA	419528	5417193	0.02939	379.24	379.24	0 ANNUAL	PIT	5	
TMA	419528	5417393	0.02888	380	380	0 ANNUAL	PIT	5	
TMA	419528	5417593	0.02836	378	378	0 ANNUAL	PIT	5	
TMA	419528	5417793	0.02788	373.78	373.78	0 ANNUAL	PIT	5	
TMA	419528	5417993	0.02749	369.84	369.84	0 ANNUAL	PIT	5	
TMA	419528	5418193	0.0271	370	370	0 ANNUAL	PIT	5	
TMA	419528	5418393	0.02688	370	370	0 ANNUAL	PIT	5	
TMA	419528	5418593	0.02693	366.98	366.98	0 ANNUAL	PIT	5	
TMA	419528	5418793	0.02689	367	367	0 ANNUAL	PIT	5	
TMA	419528	5418993	0.02685	368	368	0 ANNUAL	PIT	5	
TMA	419528	5419193	0.02672	367	367	0 ANNUAL	PIT	5	
TMA	419728	5416393	0.03112	379.91	390	0 ANNUAL	PIT	5	
TMA	419728	5416593	0.03134	380	380	0 ANNUAL	PIT	5	
TMA	419728	5416793	0.03124	380	380	0 ANNUAL	PIT	5	
TMA	419728	5416993	0.03086	380	380	0 ANNUAL	PIT	5	
TMA	419728	5417193	0.03042	376.34	376.34	0 ANNUAL	PIT	5	
TMA	419728	5417393	0.02967	380	380	0 ANNUAL	PIT	5	
TMA	419728	5417593	0.02903	379	379	0 ANNUAL	PIT	5	
TMA	419728	5417793	0.02858	376	376	0 ANNUAL	PIT	5	
TMA	419728	5417993	0.02816	376.16	376.16	0 ANNUAL	PIT	5	
TMA	419728	5418193	0.02821	371.96	371.96	0 ANNUAL	PIT	5	
TMA	419728	5418393	0.02826	370	370	0 ANNUAL	PIT	5	
TMA	419728	5418593	0.02828	370	370	0 ANNUAL	PIT	5	
TMA	419728	5418793	0.02825	369	369	0 ANNUAL	PIT	5	
TMA	419728	5418993	0.0281	370	370	0 ANNUAL	PIT	5	
TMA	419728	5419193	0.02776	369.35	369.35	0 ANNUAL	PIT	5	
TMA	419928	5416393	0.03308	379	379	0 ANNUAL	PIT	5	
TMA	419928	5416593	0.03294	379	379	0 ANNUAL	PIT	5	
TMA	419928	5416793	0.03248	380	380	0 ANNUAL	PIT	5	
TMA	419928	5416993	0.03187	380	380	0 ANNUAL	PIT	5	
TMA	419928	5417193	0.0312	379.01	379.01	0 ANNUAL	PIT	5	
TMA	419928	5417393	0.03027	382.65	382.65	0 ANNUAL	PIT	5	
TMA	419928	5417593	0.0296	383	383	0 ANNUAL	PIT	5	
TMA	419928	5417793	0.02935	381	381	0 ANNUAL	PIT	5	
TMA	419928	5417993	0.02932	380	380	0 ANNUAL	PIT	5	
TMA	419928	5418193	0.02964	375.81	375.81	0 ANNUAL	PIT	5	
TMA	419928	5418393	0.02984	371	371	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	419928	5418593	0.02977	372	372	0 ANNUAL	PIT	5	
TMA	419928	5418793	0.02953	371.94	371.94	0 ANNUAL	PIT	5	
TMA	419928	5418993	0.02911	374	374	0 ANNUAL	PIT	5	
TMA	419928	5419193	0.02845	371.55	371.55	0 ANNUAL	PIT	5	
TMA	420128	5416393	0.03476	379	391	0 ANNUAL	PIT	5	
TMA	420128	5416593	0.03422	380.31	380.31	0 ANNUAL	PIT	5	
TMA	420128	5416793	0.03351	380.79	380.79	0 ANNUAL	PIT	5	
TMA	420128	5416993	0.03268	381.72	381.72	0 ANNUAL	PIT	5	
TMA	420128	5417193	0.03173	384.07	384.07	0 ANNUAL	PIT	5	
TMA	420128	5417393	0.0308	387.27	387.27	0 ANNUAL	PIT	5	
TMA	420128	5417593	0.03018	390	390	0 ANNUAL	PIT	5	
TMA	420128	5417793	0.03022	390	390	0 ANNUAL	PIT	5	
TMA	420128	5417993	0.03056	389.32	389.32	0 ANNUAL	PIT	5	
TMA	420128	5418193	0.03145	376.69	376.69	0 ANNUAL	PIT	5	
TMA	420128	5418393	0.03137	376	376	0 ANNUAL	PIT	5	
TMA	420128	5418593	0.031	378.22	378.22	0 ANNUAL	PIT	5	
TMA	420128	5418793	0.0304	378	378	0 ANNUAL	PIT	5	
TMA	420128	5418993	0.02963	375	375	0 ANNUAL	PIT	5	
TMA	420128	5419193	0.02875	370.18	370.18	0 ANNUAL	PIT	5	
TMA	420328	5416393	0.0349	394.11	394.11	0 ANNUAL	PIT	5	
TMA	420328	5416593	0.03471	388.83	402	0 ANNUAL	PIT	5	
TMA	420328	5416793	0.0337	390	390	0 ANNUAL	PIT	5	
TMA	420328	5416993	0.03315	387	387	0 ANNUAL	PIT	5	
TMA	420328	5417193	0.03219	390.17	390.17	0 ANNUAL	PIT	5	
TMA	420328	5417393	0.03178	391.55	391.55	0 ANNUAL	PIT	5	
TMA	420328	5417593	0.03098	398.53	398.53	0 ANNUAL	PIT	5	
TMA	420328	5417793	0.03241	389.83	395	0 ANNUAL	PIT	5	
TMA	420328	5417993	0.0331	382.29	382.29	0 ANNUAL	PIT	5	
TMA	420328	5418193	0.03301	379	379	0 ANNUAL	PIT	5	
TMA	420328	5418393	0.03247	380	380	0 ANNUAL	PIT	5	
TMA	420328	5418593	0.03164	381.41	389	0 ANNUAL	PIT	5	
TMA	420328	5418793	0.03077	378.66	378.66	0 ANNUAL	PIT	5	
TMA	420328	5418993	0.02983	374.03	374.03	0 ANNUAL	PIT	5	
TMA	420328	5419193	0.02884	370	370	0 ANNUAL	PIT	5	
TMA	420528	5416393	0.03497	400	400	0 ANNUAL	PIT	5	
TMA	420528	5416593	0.03427	398.52	398.52	0 ANNUAL	PIT	5	
TMA	420528	5416793	0.03409	394.09	394.09	0 ANNUAL	PIT	5	
TMA	420528	5416993	0.03409	390	390	0 ANNUAL	PIT	5	
TMA	420528	5417193	0.03271	398.39	398.39	0 ANNUAL	PIT	5	
TMA	420528	5417393	0.03289	399	399	0 ANNUAL	PIT	5	
TMA	420528	5417593	0.03399	394	394	0 ANNUAL	PIT	5	
TMA	420528	5417793	0.03463	388.71	388.71	0 ANNUAL	PIT	5	
TMA	420528	5417993	0.03458	384.08	384.08	0 ANNUAL	PIT	5	
TMA	420528	5418193	0.03392	382.79	382.79	0 ANNUAL	PIT	5	
TMA	420528	5418393	0.03277	386	386	0 ANNUAL	PIT	5	
TMA	420528	5418593	0.03145	389	389	0 ANNUAL	PIT	5	
TMA	420528	5418793	0.03069	382.54	382.54	0 ANNUAL	PIT	5	
TMA	420528	5418993	0.0297	377.9	377.9	0 ANNUAL	PIT	5	
TMA	420528	5419193	0.0288	370	370	0 ANNUAL	PIT	5	
TMA	420728	5416393	0.03584	399.94	399.94	0 ANNUAL	PIT	5	
TMA	420728	5416593	0.033	408.61	408.61	0 ANNUAL	PIT	5	
TMA	420728	5416793	0.03367	403.72	407	0 ANNUAL	PIT	5	
TMA	420728	5416993	0.03452	400	400	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420728	5417193	0.03487	400	400	0 ANNUAL	PIT	5	
TMA	420728	5417393	0.03518	400	400	0 ANNUAL	PIT	5	
TMA	420728	5417593	0.03585	395.45	395.45	0 ANNUAL	PIT	5	
TMA	420728	5417793	0.03587	390.59	390.59	0 ANNUAL	PIT	5	
TMA	420728	5417993	0.0353	386.08	386.08	0 ANNUAL	PIT	5	
TMA	420728	5418193	0.03407	386.97	386.97	0 ANNUAL	PIT	5	
TMA	420728	5418393	0.03266	389	389	0 ANNUAL	PIT	5	
TMA	420728	5418593	0.03134	389.52	389.52	0 ANNUAL	PIT	5	
TMA	420728	5418793	0.03023	387.61	387.61	0 ANNUAL	PIT	5	
TMA	420728	5418993	0.02947	379.78	379.78	0 ANNUAL	PIT	5	
TMA	420728	5419193	0.02883	370	370	0 ANNUAL	PIT	5	
TMA	420928	5416393	0.03842	393.03	393.03	0 ANNUAL	PIT	5	
TMA	420928	5416593	0.03536	405.33	411	0 ANNUAL	PIT	5	
TMA	420928	5416793	0.03404	410.89	410.89	0 ANNUAL	PIT	5	
TMA	420928	5416993	0.0372	400	400	0 ANNUAL	PIT	5	
TMA	420928	5417193	0.03775	398	398	0 ANNUAL	PIT	5	
TMA	420928	5417393	0.03725	399	399	0 ANNUAL	PIT	5	
TMA	420928	5417593	0.03611	400.9	400.9	0 ANNUAL	PIT	5	
TMA	420928	5417793	0.03526	399.46	399.46	0 ANNUAL	PIT	5	
TMA	420928	5417993	0.03528	389.18	389.18	0 ANNUAL	PIT	5	
TMA	420928	5418193	0.03397	388.2	388.2	0 ANNUAL	PIT	5	
TMA	420928	5418393	0.03259	388	388	0 ANNUAL	PIT	5	
TMA	420928	5418593	0.03124	388	388	0 ANNUAL	PIT	5	
TMA	420928	5418793	0.03039	382.29	382.29	0 ANNUAL	PIT	5	
TMA	420928	5418993	0.02963	377	377	0 ANNUAL	PIT	5	
TMA	420928	5419193	0.02882	375.98	375.98	0 ANNUAL	PIT	5	
TMA	421128	5416393	0.03922	399.78	399.78	0 ANNUAL	PIT	5	
TMA	421128	5416593	0.03966	399	399	0 ANNUAL	PIT	5	
TMA	421128	5416793	0.03971	400	400	0 ANNUAL	PIT	5	
TMA	421128	5416993	0.04027	396.98	396.98	0 ANNUAL	PIT	5	
TMA	421128	5417193	0.04	394.98	394.98	0 ANNUAL	PIT	5	
TMA	421128	5417393	0.03855	397	397	0 ANNUAL	PIT	5	
TMA	421128	5417593	0.03677	399.35	399.35	0 ANNUAL	PIT	5	
TMA	421128	5417793	0.03587	395.88	395.88	0 ANNUAL	PIT	5	
TMA	421128	5417993	0.035	390.72	390.72	0 ANNUAL	PIT	5	
TMA	421128	5418193	0.03377	387.91	387.91	0 ANNUAL	PIT	5	
TMA	421128	5418393	0.03269	384	384	0 ANNUAL	PIT	5	
TMA	421128	5418593	0.03137	385	385	0 ANNUAL	PIT	5	
TMA	421128	5418793	0.0305	383.17	383.17	0 ANNUAL	PIT	5	
TMA	421128	5418993	0.03	379.7	379.7	0 ANNUAL	PIT	5	
TMA	421128	5419193	0.02944	380	380	0 ANNUAL	PIT	5	
TMA	421328	5416393	0.04224	400	400	0 ANNUAL	PIT	5	
TMA	421328	5416593	0.04237	400	400	0 ANNUAL	PIT	5	
TMA	421328	5416793	0.04271	397	397	0 ANNUAL	PIT	5	
TMA	421328	5416993	0.04232	394	394	0 ANNUAL	PIT	5	
TMA	421328	5417193	0.04135	391.11	391.11	0 ANNUAL	PIT	5	
TMA	421328	5417393	0.03957	392	392	0 ANNUAL	PIT	5	
TMA	421328	5417593	0.03795	391.25	391.25	0 ANNUAL	PIT	5	
TMA	421328	5417793	0.03648	389.44	389.44	0 ANNUAL	PIT	5	
TMA	421328	5417993	0.03526	385.84	385.84	0 ANNUAL	PIT	5	
TMA	421328	5418193	0.03418	381.99	381.99	0 ANNUAL	PIT	5	
TMA	421328	5418393	0.03326	379	379	0 ANNUAL	PIT	5	
TMA	421328	5418593	0.03236	379.18	379.18	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421328	5418793	0.0316	381	381	0 ANNUAL	PIT	5	
TMA	421328	5418993	0.03128	380	380	0 ANNUAL	PIT	5	
TMA	421328	5419193	0.03106	380	380	0 ANNUAL	PIT	5	
TMA	421528	5416393	0.04519	400	400	0 ANNUAL	PIT	5	
TMA	421528	5416593	0.04448	400	400	0 ANNUAL	PIT	5	
TMA	421528	5416793	0.04386	397.27	397.27	0 ANNUAL	PIT	5	
TMA	421528	5416993	0.04282	394	394	0 ANNUAL	PIT	5	
TMA	421528	5417193	0.04157	390	390	0 ANNUAL	PIT	5	
TMA	421528	5417393	0.03992	388	388	0 ANNUAL	PIT	5	
TMA	421528	5417593	0.03832	386.15	386.15	0 ANNUAL	PIT	5	
TMA	421528	5417793	0.03683	385	385	0 ANNUAL	PIT	5	
TMA	421528	5417993	0.03571	382.74	382.74	0 ANNUAL	PIT	5	
TMA	421528	5418193	0.03495	379.83	379.83	0 ANNUAL	PIT	5	
TMA	421528	5418393	0.03451	376.17	376.17	0 ANNUAL	PIT	5	
TMA	421528	5418593	0.03402	376	376	0 ANNUAL	PIT	5	
TMA	421528	5418793	0.03358	378.02	378.02	0 ANNUAL	PIT	5	
TMA	421528	5418993	0.03339	378	378	0 ANNUAL	PIT	5	
TMA	421528	5419193	0.03314	380	380	0 ANNUAL	PIT	5	
TMA	421728	5416393	0.04849	394.58	394.58	0 ANNUAL	PIT	5	
TMA	421728	5416593	0.0459	398	398	0 ANNUAL	PIT	5	
TMA	421728	5416793	0.04369	398.9	398.9	0 ANNUAL	PIT	5	
TMA	421728	5416993	0.04139	400	400	0 ANNUAL	PIT	5	
TMA	421728	5417193	0.04044	395.23	395.23	0 ANNUAL	PIT	5	
TMA	421728	5417393	0.03971	388.37	410	0 ANNUAL	PIT	5	
TMA	421728	5417593	0.03848	386	386	0 ANNUAL	PIT	5	
TMA	421728	5417793	0.03762	382.99	382.99	0 ANNUAL	PIT	5	
TMA	421728	5417993	0.03707	380	380	0 ANNUAL	PIT	5	
TMA	421728	5418193	0.03676	377	377	0 ANNUAL	PIT	5	
TMA	421728	5418393	0.03617	379.94	379.94	0 ANNUAL	PIT	5	
TMA	421728	5418593	0.03612	377.01	377.01	0 ANNUAL	PIT	5	
TMA	421728	5418793	0.036	373	373	0 ANNUAL	PIT	5	
TMA	421728	5418993	0.03561	376.17	376.17	0 ANNUAL	PIT	5	
TMA	421728	5419193	0.03519	377.53	377.53	0 ANNUAL	PIT	5	
TMA	421928	5416393	0.04956	392.6	392.6	0 ANNUAL	PIT	5	
TMA	421928	5416593	0.04664	395	395	0 ANNUAL	PIT	5	
TMA	421928	5416793	0.04389	397	397	0 ANNUAL	PIT	5	
TMA	421928	5416993	0.04136	399	399	0 ANNUAL	PIT	5	
TMA	421928	5417193	0.03696	409.1	409.1	0 ANNUAL	PIT	5	
TMA	421928	5417393	0.03552	410	410	0 ANNUAL	PIT	5	
TMA	421928	5417593	0.03857	393	411	0 ANNUAL	PIT	5	
TMA	421928	5417793	0.03926	384	384	0 ANNUAL	PIT	5	
TMA	421928	5417993	0.03919	380.75	380.75	0 ANNUAL	PIT	5	
TMA	421928	5418193	0.03905	378.7	378.7	0 ANNUAL	PIT	5	
TMA	421928	5418393	0.03864	381	381	0 ANNUAL	PIT	5	
TMA	421928	5418593	0.03827	382	382	0 ANNUAL	PIT	5	
TMA	421928	5418793	0.03799	373.64	373.64	0 ANNUAL	PIT	5	
TMA	421928	5418993	0.03725	371.04	371.04	0 ANNUAL	PIT	5	
TMA	421928	5419193	0.03639	370.75	370.75	0 ANNUAL	PIT	5	
TMA	422128	5416393	0.04908	394	394	0 ANNUAL	PIT	5	
TMA	422128	5416593	0.0464	395.06	395.06	0 ANNUAL	PIT	5	
TMA	422128	5416793	0.04413	396	396	0 ANNUAL	PIT	5	
TMA	422128	5416993	0.04182	399	399	0 ANNUAL	PIT	5	
TMA	422128	5417193	0.03834	407.86	407.86	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	422128	5417393	0.03837	406.01	406.01	0 ANNUAL	PIT	5	
TMA	422128	5417593	0.04027	397.06	399	0 ANNUAL	PIT	5	
TMA	422128	5417793	0.04215	383	383	0 ANNUAL	PIT	5	
TMA	422128	5417993	0.04198	381.1	381.1	0 ANNUAL	PIT	5	
TMA	422128	5418193	0.0416	380	380	0 ANNUAL	PIT	5	
TMA	422128	5418393	0.04099	380	380	0 ANNUAL	PIT	5	
TMA	422128	5418593	0.04017	380	380	0 ANNUAL	PIT	5	
TMA	422128	5418793	0.03921	378	378	0 ANNUAL	PIT	5	
TMA	422128	5418993	0.03806	375	375	0 ANNUAL	PIT	5	
TMA	422128	5419193	0.03679	372	372	0 ANNUAL	PIT	5	
TMA	422328	5416393	0.04801	397.94	397.94	0 ANNUAL	PIT	5	
TMA	422328	5416593	0.04556	400	400	0 ANNUAL	PIT	5	
TMA	422328	5416793	0.04488	398	398	0 ANNUAL	PIT	5	
TMA	422328	5416993	0.04362	399.85	399.85	0 ANNUAL	PIT	5	
TMA	422328	5417193	0.04322	400	400	0 ANNUAL	PIT	5	
TMA	422328	5417393	0.04167	404.9	410	0 ANNUAL	PIT	5	
TMA	422328	5417593	0.04468	390.69	410	0 ANNUAL	PIT	5	
TMA	422328	5417793	0.04504	383.61	383.61	0 ANNUAL	PIT	5	
TMA	422328	5417993	0.04445	381	381	0 ANNUAL	PIT	5	
TMA	422328	5418193	0.04347	380	380	0 ANNUAL	PIT	5	
TMA	422328	5418393	0.04224	380	380	0 ANNUAL	PIT	5	
TMA	422328	5418593	0.04085	380	380	0 ANNUAL	PIT	5	
TMA	422328	5418793	0.03937	379.44	379.44	0 ANNUAL	PIT	5	
TMA	422328	5418993	0.03796	375.81	375.81	0 ANNUAL	PIT	5	
TMA	422328	5419193	0.03658	371.17	371.17	0 ANNUAL	PIT	5	
TMA	422528	5416393	0.04936	398.06	398.06	0 ANNUAL	PIT	5	
TMA	422528	5416593	0.04669	403.25	403.25	0 ANNUAL	PIT	5	
TMA	422528	5416793	0.04698	401.07	401.07	0 ANNUAL	PIT	5	
TMA	422528	5416993	0.04612	403	403	0 ANNUAL	PIT	5	
TMA	422528	5417193	0.04708	398.82	398.82	0 ANNUAL	PIT	5	
TMA	422528	5417393	0.04783	393.16	393.16	0 ANNUAL	PIT	5	
TMA	422528	5417593	0.04776	388	388	0 ANNUAL	PIT	5	
TMA	422528	5417793	0.04628	390	390	0 ANNUAL	PIT	5	
TMA	422528	5417993	0.04572	380	380	0 ANNUAL	PIT	5	
TMA	422528	5418193	0.04406	380	380	0 ANNUAL	PIT	5	
TMA	422528	5418393	0.04232	380	380	0 ANNUAL	PIT	5	
TMA	422528	5418593	0.04057	380	380	0 ANNUAL	PIT	5	
TMA	422528	5418793	0.03908	376.32	376.32	0 ANNUAL	PIT	5	
TMA	422528	5418993	0.03761	373.94	373.94	0 ANNUAL	PIT	5	
TMA	422528	5419193	0.03632	370.17	370.17	0 ANNUAL	PIT	5	
TMA	422728	5416393	0.05269	398.18	411	0 ANNUAL	PIT	5	
TMA	422728	5416593	0.04833	408.5	408.5	0 ANNUAL	PIT	5	
TMA	422728	5416793	0.05002	403.45	403.45	0 ANNUAL	PIT	5	
TMA	422728	5416993	0.04729	409	409	0 ANNUAL	PIT	5	
TMA	422728	5417193	0.04601	410	410	0 ANNUAL	PIT	5	
TMA	422728	5417393	0.04771	401.29	407	0 ANNUAL	PIT	5	
TMA	422728	5417593	0.04873	389.01	389.01	0 ANNUAL	PIT	5	
TMA	422728	5417793	0.04747	383	383	0 ANNUAL	PIT	5	
TMA	422728	5417993	0.04575	379	379	0 ANNUAL	PIT	5	
TMA	422728	5418193	0.0437	380	380	0 ANNUAL	PIT	5	
TMA	422728	5418393	0.04182	380	380	0 ANNUAL	PIT	5	
TMA	422728	5418593	0.04019	378.4	378.4	0 ANNUAL	PIT	5	
TMA	422728	5418793	0.03875	376	376	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	422728	5418993	0.03753	372	372	0 ANNUAL	PIT	5	
TMA	422728	5419193	0.03627	371	371	0 ANNUAL	PIT	5	
TMA	422928	5416393	0.05783	396	396	0 ANNUAL	PIT	5	
TMA	422928	5416593	0.05614	397.97	397.97	0 ANNUAL	PIT	5	
TMA	422928	5416793	0.0542	399.57	399.57	0 ANNUAL	PIT	5	
TMA	422928	5416993	0.04802	411	411	0 ANNUAL	PIT	5	
TMA	422928	5417193	0.04659	410.25	410.25	0 ANNUAL	PIT	5	
TMA	422928	5417393	0.04788	401.05	401.05	0 ANNUAL	PIT	5	
TMA	422928	5417593	0.0485	388.47	388.47	0 ANNUAL	PIT	5	
TMA	422928	5417793	0.04687	384	384	0 ANNUAL	PIT	5	
TMA	422928	5417993	0.0453	378.62	378.62	0 ANNUAL	PIT	5	
TMA	422928	5418193	0.04342	378	378	0 ANNUAL	PIT	5	
TMA	422928	5418393	0.0415	380	380	0 ANNUAL	PIT	5	
TMA	422928	5418593	0.04001	379	379	0 ANNUAL	PIT	5	
TMA	422928	5418793	0.03863	378.45	378.45	0 ANNUAL	PIT	5	
TMA	422928	5418993	0.03741	377.26	377.26	0 ANNUAL	PIT	5	
TMA	422928	5419193	0.03628	376.08	376.08	0 ANNUAL	PIT	5	
TMA	423128	5416393	0.05928	400	400	0 ANNUAL	PIT	5	
TMA	423128	5416593	0.05717	399.94	399.94	0 ANNUAL	PIT	5	
TMA	423128	5416793	0.05466	400.25	400.25	0 ANNUAL	PIT	5	
TMA	423128	5416993	0.04833	409.88	409.88	0 ANNUAL	PIT	5	
TMA	423128	5417193	0.04802	405.04	405.04	0 ANNUAL	PIT	5	
TMA	423128	5417393	0.04879	394.92	394.92	0 ANNUAL	PIT	5	
TMA	423128	5417593	0.04773	389.14	389.14	0 ANNUAL	PIT	5	
TMA	423128	5417793	0.0469	380.07	380.07	0 ANNUAL	PIT	5	
TMA	423128	5417993	0.04516	378.23	378.23	0 ANNUAL	PIT	5	
TMA	423128	5418193	0.04369	375	375	0 ANNUAL	PIT	5	
TMA	423128	5418393	0.04188	377.79	377.79	0 ANNUAL	PIT	5	
TMA	423128	5418593	0.04031	379.27	379.27	0 ANNUAL	PIT	5	
TMA	423128	5418793	0.03892	380	380	0 ANNUAL	PIT	5	
TMA	423128	5418993	0.03768	380	380	0 ANNUAL	PIT	5	
TMA	423128	5419193	0.0365	380	380	0 ANNUAL	PIT	5	
TMA	423328	5416393	0.06027	399	399	0 ANNUAL	PIT	5	
TMA	423328	5416593	0.05732	399	399	0 ANNUAL	PIT	5	
TMA	423328	5416793	0.05411	399.91	399.91	0 ANNUAL	PIT	5	
TMA	423328	5416993	0.05133	400.28	400.28	0 ANNUAL	PIT	5	
TMA	423328	5417193	0.05161	390.84	390.84	0 ANNUAL	PIT	5	
TMA	423328	5417393	0.0501	387	387	0 ANNUAL	PIT	5	
TMA	423328	5417593	0.04855	383.65	383.65	0 ANNUAL	PIT	5	
TMA	423328	5417793	0.04699	381	381	0 ANNUAL	PIT	5	
TMA	423328	5417993	0.04534	380	380	0 ANNUAL	PIT	5	
TMA	423328	5418193	0.0441	375.14	375.14	0 ANNUAL	PIT	5	
TMA	423328	5418393	0.04266	373	373	0 ANNUAL	PIT	5	
TMA	423328	5418593	0.04108	375	375	0 ANNUAL	PIT	5	
TMA	423328	5418793	0.03957	377	377	0 ANNUAL	PIT	5	
TMA	423328	5418993	0.0382	378	378	0 ANNUAL	PIT	5	
TMA	423328	5419193	0.03698	376.58	376.58	0 ANNUAL	PIT	5	
TMA	423528	5416393	0.06151	394.06	394.06	0 ANNUAL	PIT	5	
TMA	423528	5416593	0.05683	398.27	398.27	0 ANNUAL	PIT	5	
TMA	423528	5416793	0.05619	392.03	392.03	0 ANNUAL	PIT	5	
TMA	423528	5416993	0.05438	389.28	389.28	0 ANNUAL	PIT	5	
TMA	423528	5417193	0.05259	387	387	0 ANNUAL	PIT	5	
TMA	423528	5417393	0.05067	386	386	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	423528	5417593	0.04903	384.09	384.09	0 ANNUAL	PIT	5	
TMA	423528	5417793	0.04745	382	382	0 ANNUAL	PIT	5	
TMA	423528	5417993	0.04589	380	380	0 ANNUAL	PIT	5	
TMA	423528	5418193	0.04445	376.63	376.63	0 ANNUAL	PIT	5	
TMA	423528	5418393	0.04304	371.99	371.99	0 ANNUAL	PIT	5	
TMA	423528	5418593	0.0415	371.05	371.05	0 ANNUAL	PIT	5	
TMA	423528	5418793	0.03993	373.46	373.46	0 ANNUAL	PIT	5	
TMA	423528	5418993	0.03845	375	375	0 ANNUAL	PIT	5	
TMA	423528	5419193	0.03717	373.28	373.28	0 ANNUAL	PIT	5	
TMA	423728	5416393	0.06374	386.22	386.22	0 ANNUAL	PIT	5	
TMA	423728	5416593	0.0603	388.07	388.07	0 ANNUAL	PIT	5	
TMA	423728	5416793	0.05808	386.34	386.34	0 ANNUAL	PIT	5	
TMA	423728	5416993	0.05591	385	385	0 ANNUAL	PIT	5	
TMA	423728	5417193	0.05379	384	384	0 ANNUAL	PIT	5	
TMA	423728	5417393	0.05189	382.05	382.05	0 ANNUAL	PIT	5	
TMA	423728	5417593	0.04994	381	381	0 ANNUAL	PIT	5	
TMA	423728	5417793	0.04805	380.25	380.25	0 ANNUAL	PIT	5	
TMA	423728	5417993	0.04627	379.06	379.06	0 ANNUAL	PIT	5	
TMA	423728	5418193	0.04469	376	376	0 ANNUAL	PIT	5	
TMA	423728	5418393	0.04319	372	372	0 ANNUAL	PIT	5	
TMA	423728	5418593	0.04166	370	370	0 ANNUAL	PIT	5	
TMA	423728	5418793	0.0401	371.39	371.39	0 ANNUAL	PIT	5	
TMA	423728	5418993	0.03866	372	372	0 ANNUAL	PIT	5	
TMA	423728	5419193	0.03738	371	371	0 ANNUAL	PIT	5	
TMA	423928	5416393	0.06415	387.1	387.1	0 ANNUAL	PIT	5	
TMA	423928	5416593	0.06286	379	379	0 ANNUAL	PIT	5	
TMA	423928	5416793	0.0597	381.26	381.26	0 ANNUAL	PIT	5	
TMA	423928	5416993	0.05725	380	380	0 ANNUAL	PIT	5	
TMA	423928	5417193	0.05473	380.38	380.38	0 ANNUAL	PIT	5	
TMA	423928	5417393	0.05246	380	380	0 ANNUAL	PIT	5	
TMA	423928	5417593	0.05078	374.29	374.29	0 ANNUAL	PIT	5	
TMA	423928	5417793	0.0489	371.1	371.1	0 ANNUAL	PIT	5	
TMA	423928	5417993	0.04698	371	371	0 ANNUAL	PIT	5	
TMA	423928	5418193	0.04518	371	371	0 ANNUAL	PIT	5	
TMA	423928	5418393	0.04355	370	370	0 ANNUAL	PIT	5	
TMA	423928	5418593	0.04203	369	369	0 ANNUAL	PIT	5	
TMA	423928	5418793	0.04057	369.05	369.05	0 ANNUAL	PIT	5	
TMA	423928	5418993	0.03917	370	370	0 ANNUAL	PIT	5	
TMA	423928	5419193	0.03798	368.13	368.13	0 ANNUAL	PIT	5	
TMA	424128	5416393	0.06595	382	382	0 ANNUAL	PIT	5	
TMA	424128	5416593	0.06345	378.35	378.35	0 ANNUAL	PIT	5	
TMA	424128	5416793	0.06082	376	376	0 ANNUAL	PIT	5	
TMA	424128	5416993	0.05816	375.34	375.34	0 ANNUAL	PIT	5	
TMA	424128	5417193	0.05587	372.52	372.52	0 ANNUAL	PIT	5	
TMA	424128	5417393	0.05355	372	372	0 ANNUAL	PIT	5	
TMA	424128	5417593	0.05123	374	374	0 ANNUAL	PIT	5	
TMA	424128	5417793	0.04906	375.97	375.97	0 ANNUAL	PIT	5	
TMA	424128	5417993	0.04712	377	377	0 ANNUAL	PIT	5	
TMA	424128	5418193	0.04558	374.7	374.7	0 ANNUAL	PIT	5	
TMA	424128	5418393	0.04423	370	370	0 ANNUAL	PIT	5	
TMA	424128	5418593	0.04272	370	370	0 ANNUAL	PIT	5	
TMA	424128	5418793	0.0413	370	370	0 ANNUAL	PIT	5	
TMA	424128	5418993	0.03994	370.91	370.91	0 ANNUAL	PIT	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	424128	5419193	0.03869	371.07	371.07	0 ANNUAL	PIT	5	
TMA	424328	5416393	0.067	379.87	379.87	0 ANNUAL	PIT	5	
TMA	424328	5416593	0.06429	377.23	377.23	0 ANNUAL	PIT	5	
TMA	424328	5416793	0.0617	374.6	374.6	0 ANNUAL	PIT	5	
TMA	424328	5416993	0.05916	373	373	0 ANNUAL	PIT	5	
TMA	424328	5417193	0.05642	375.86	375.86	0 ANNUAL	PIT	5	
TMA	424328	5417393	0.05393	378	378	0 ANNUAL	PIT	5	
TMA	424328	5417593	0.05163	379.95	379.95	0 ANNUAL	PIT	5	
TMA	424328	5417793	0.04971	380	380	0 ANNUAL	PIT	5	
TMA	424328	5417993	0.04793	380	380	0 ANNUAL	PIT	5	
TMA	424328	5418193	0.04634	379.16	379.16	0 ANNUAL	PIT	5	
TMA	424328	5418393	0.04506	374.52	374.52	0 ANNUAL	PIT	5	
TMA	424328	5418593	0.04371	370.41	370.41	0 ANNUAL	PIT	5	
TMA	424328	5418793	0.04218	373	373	0 ANNUAL	PIT	5	
TMA	424328	5418993	0.04075	375	375	0 ANNUAL	PIT	5	
TMA	424328	5419193	0.03946	374.79	374.79	0 ANNUAL	PIT	5	
TMA	424528	5416393	0.06845	378.75	378.75	0 ANNUAL	PIT	5	
TMA	424528	5416593	0.06589	375	375	0 ANNUAL	PIT	5	
TMA	424528	5416793	0.06311	374	374	0 ANNUAL	PIT	5	
TMA	424528	5416993	0.06027	375.88	375.88	0 ANNUAL	PIT	5	
TMA	424528	5417193	0.05759	378	378	0 ANNUAL	PIT	5	
TMA	424528	5417393	0.05523	379	379	0 ANNUAL	PIT	5	
TMA	424528	5417593	0.05302	380	380	0 ANNUAL	PIT	5	
TMA	424528	5417793	0.05105	380	380	0 ANNUAL	PIT	5	
TMA	424528	5417993	0.04928	379	379	0 ANNUAL	PIT	5	
TMA	424528	5418193	0.0476	377.8	377.8	0 ANNUAL	PIT	5	
TMA	424528	5418393	0.0461	374.41	374.41	0 ANNUAL	PIT	5	
TMA	424528	5418593	0.0446	371.23	371.23	0 ANNUAL	PIT	5	
TMA	424528	5418793	0.04289	376	376	0 ANNUAL	PIT	5	
TMA	424528	5418993	0.04128	379	379	0 ANNUAL	PIT	5	
TMA	424528	5419193	0.0399	378.99	378.99	0 ANNUAL	PIT	5	
TMA	424728	5416393	0.07096	374.18	374.18	0 ANNUAL	PIT	5	
TMA	424728	5416593	0.06766	375	375	0 ANNUAL	PIT	5	
TMA	424728	5416793	0.06459	376	376	0 ANNUAL	PIT	5	
TMA	424728	5416993	0.06173	377	377	0 ANNUAL	PIT	5	
TMA	424728	5417193	0.05915	377	377	0 ANNUAL	PIT	5	
TMA	424728	5417393	0.0567	377.4	377.4	0 ANNUAL	PIT	5	
TMA	424728	5417593	0.05437	378	378	0 ANNUAL	PIT	5	
TMA	424728	5417793	0.05214	379	379	0 ANNUAL	PIT	5	
TMA	424728	5417993	0.05003	380	380	0 ANNUAL	PIT	5	
TMA	424728	5418193	0.04829	378.1	378.1	0 ANNUAL	PIT	5	
TMA	424728	5418393	0.04678	373	373	0 ANNUAL	PIT	5	
TMA	424728	5418593	0.04504	373.35	373.35	0 ANNUAL	PIT	5	
TMA	424728	5418793	0.04315	378.35	378.35	0 ANNUAL	PIT	5	
TMA	424728	5418993	0.04151	380	380	0 ANNUAL	PIT	5	
TMA	424728	5419193	0.04007	380	380	0 ANNUAL	PIT	5	
TMA	424928	5416393	0.07211	377.58	377.58	0 ANNUAL	PIT	5	
TMA	424928	5416593	0.06866	378	378	0 ANNUAL	PIT	5	
TMA	424928	5416793	0.06563	377	377	0 ANNUAL	PIT	5	
TMA	424928	5416993	0.06279	376	376	0 ANNUAL	PIT	5	
TMA	424928	5417193	0.06003	376	376	0 ANNUAL	PIT	5	
TMA	424928	5417393	0.05751	375.31	375.31	0 ANNUAL	PIT	5	
TMA	424928	5417593	0.05502	376	376	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	424928	5417793	0.05267	377	377	0 ANNUAL	PIT	5	
TMA	424928	5417993	0.05046	378	378	0 ANNUAL	PIT	5	
TMA	424928	5418193	0.0487	375.01	375.01	0 ANNUAL	PIT	5	
TMA	424928	5418393	0.04701	372	372	0 ANNUAL	PIT	5	
TMA	424928	5418593	0.04493	376.8	376.8	0 ANNUAL	PIT	5	
TMA	424928	5418793	0.04303	380	380	0 ANNUAL	PIT	5	
TMA	424928	5418993	0.04148	380	380	0 ANNUAL	PIT	5	
TMA	424928	5419193	0.04008	379	379	0 ANNUAL	PIT	5	
TMA	425128	5416393	0.07247	379	379	0 ANNUAL	PIT	5	
TMA	425128	5416593	0.06911	378	378	0 ANNUAL	PIT	5	
TMA	425128	5416793	0.06611	376	376	0 ANNUAL	PIT	5	
TMA	425128	5416993	0.06317	375	375	0 ANNUAL	PIT	5	
TMA	425128	5417193	0.06033	374.87	374.87	0 ANNUAL	PIT	5	
TMA	425128	5417393	0.05776	374	374	0 ANNUAL	PIT	5	
TMA	425128	5417593	0.05528	374	374	0 ANNUAL	PIT	5	
TMA	425128	5417793	0.05292	374.56	374.56	0 ANNUAL	PIT	5	
TMA	425128	5417993	0.05074	374.82	374.82	0 ANNUAL	PIT	5	
TMA	425128	5418193	0.04887	373	373	0 ANNUAL	PIT	5	
TMA	425128	5418393	0.04691	373.86	373.86	0 ANNUAL	PIT	5	
TMA	425128	5418593	0.04484	377.58	377.58	0 ANNUAL	PIT	5	
TMA	425128	5418793	0.04298	380	380	0 ANNUAL	PIT	5	
TMA	425128	5418993	0.04143	380	380	0 ANNUAL	PIT	5	
TMA	425128	5419193	0.03998	380	380	0 ANNUAL	PIT	5	
TMA	425328	5416393	0.07306	378	378	0 ANNUAL	PIT	5	
TMA	425328	5416593	0.0698	376	376	0 ANNUAL	PIT	5	
TMA	425328	5416793	0.0666	375	375	0 ANNUAL	PIT	5	
TMA	425328	5416993	0.0635	375	375	0 ANNUAL	PIT	5	
TMA	425328	5417193	0.06064	375	375	0 ANNUAL	PIT	5	
TMA	425328	5417393	0.05798	375	375	0 ANNUAL	PIT	5	
TMA	425328	5417593	0.05551	375	375	0 ANNUAL	PIT	5	
TMA	425328	5417793	0.05329	374	374	0 ANNUAL	PIT	5	
TMA	425328	5417993	0.05122	373	373	0 ANNUAL	PIT	5	
TMA	425328	5418193	0.0492	373	373	0 ANNUAL	PIT	5	
TMA	425328	5418393	0.04724	374	374	0 ANNUAL	PIT	5	
TMA	425328	5418593	0.04533	376	376	0 ANNUAL	PIT	5	
TMA	425328	5418793	0.04352	378.11	378.11	0 ANNUAL	PIT	5	
TMA	425328	5418993	0.04183	380	380	0 ANNUAL	PIT	5	
TMA	425328	5419193	0.04039	380	380	0 ANNUAL	PIT	5	
TMA	425528	5416393	0.07455	376	376	0 ANNUAL	PIT	5	
TMA	425528	5416593	0.07091	376	376	0 ANNUAL	PIT	5	
TMA	425528	5416793	0.06742	377	377	0 ANNUAL	PIT	5	
TMA	425528	5416993	0.06429	377.25	377.25	0 ANNUAL	PIT	5	
TMA	425528	5417193	0.06128	378.47	378.47	0 ANNUAL	PIT	5	
TMA	425528	5417393	0.05858	379	379	0 ANNUAL	PIT	5	
TMA	425528	5417593	0.05629	377.29	377.29	0 ANNUAL	PIT	5	
TMA	425528	5417793	0.05409	376	376	0 ANNUAL	PIT	5	
TMA	425528	5417993	0.05199	375	375	0 ANNUAL	PIT	5	
TMA	425528	5418193	0.05002	374	374	0 ANNUAL	PIT	5	
TMA	425528	5418393	0.04817	373	373	0 ANNUAL	PIT	5	
TMA	425528	5418593	0.04637	373.05	373.05	0 ANNUAL	PIT	5	
TMA	425528	5418793	0.0446	375.11	375.11	0 ANNUAL	PIT	5	
TMA	425528	5418993	0.04293	377.03	377.03	0 ANNUAL	PIT	5	
TMA	425528	5419193	0.04135	379	379	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	425728	5416393	0.0762	377	377	0 ANNUAL	PIT	5	
TMA	425728	5416593	0.07236	378	378	0 ANNUAL	PIT	5	
TMA	425728	5416793	0.06887	378.61	378.61	0 ANNUAL	PIT	5	
TMA	425728	5416993	0.06568	379	379	0 ANNUAL	PIT	5	
TMA	425728	5417193	0.06265	380	380	0 ANNUAL	PIT	5	
TMA	425728	5417393	0.05995	380	380	0 ANNUAL	PIT	5	
TMA	425728	5417593	0.05746	379.69	379.69	0 ANNUAL	PIT	5	
TMA	425728	5417793	0.05514	379.45	379.45	0 ANNUAL	PIT	5	
TMA	425728	5417993	0.05307	377.55	377.55	0 ANNUAL	PIT	5	
TMA	425728	5418193	0.05111	375.34	375.34	0 ANNUAL	PIT	5	
TMA	425728	5418393	0.04924	373	373	0 ANNUAL	PIT	5	
TMA	425728	5418593	0.04742	372	372	0 ANNUAL	PIT	5	
TMA	425728	5418793	0.04568	372.08	372.08	0 ANNUAL	PIT	5	
TMA	425728	5418993	0.04404	373	373	0 ANNUAL	PIT	5	
TMA	425728	5419193	0.04248	374.4	374.4	0 ANNUAL	PIT	5	
TMA	425928	5416393	0.07724	379	379	0 ANNUAL	PIT	5	
TMA	425928	5416593	0.07332	380	380	0 ANNUAL	PIT	5	
TMA	425928	5416793	0.06987	380	380	0 ANNUAL	PIT	5	
TMA	425928	5416993	0.06667	380	380	0 ANNUAL	PIT	5	
TMA	425928	5417193	0.0637	380	380	0 ANNUAL	PIT	5	
TMA	425928	5417393	0.06094	380	380	0 ANNUAL	PIT	5	
TMA	425928	5417593	0.05846	379	379	0 ANNUAL	PIT	5	
TMA	425928	5417793	0.05604	379.16	379.16	0 ANNUAL	PIT	5	
TMA	425928	5417993	0.05393	377.29	377.29	0 ANNUAL	PIT	5	
TMA	425928	5418193	0.05192	375	375	0 ANNUAL	PIT	5	
TMA	425928	5418393	0.04999	373	373	0 ANNUAL	PIT	5	
TMA	425928	5418593	0.04813	372	372	0 ANNUAL	PIT	5	
TMA	425928	5418793	0.04638	371	371	0 ANNUAL	PIT	5	
TMA	425928	5418993	0.04471	371	371	0 ANNUAL	PIT	5	
TMA	425928	5419193	0.04314	370	370	0 ANNUAL	PIT	5	
TMA	426128	5416393	0.07706	380	380	0 ANNUAL	PIT	5	
TMA	426128	5416593	0.07332	380	380	0 ANNUAL	PIT	5	
TMA	426128	5416793	0.06983	380.2	380.2	0 ANNUAL	PIT	5	
TMA	426128	5416993	0.06667	380	380	0 ANNUAL	PIT	5	
TMA	426128	5417193	0.06371	380	380	0 ANNUAL	PIT	5	
TMA	426128	5417393	0.06096	380	380	0 ANNUAL	PIT	5	
TMA	426128	5417593	0.05839	380	380	0 ANNUAL	PIT	5	
TMA	426128	5417793	0.056	380	380	0 ANNUAL	PIT	5	
TMA	426128	5417993	0.05407	376.57	376.57	0 ANNUAL	PIT	5	
TMA	426128	5418193	0.05212	374	374	0 ANNUAL	PIT	5	
TMA	426128	5418393	0.05016	373	373	0 ANNUAL	PIT	5	
TMA	426128	5418593	0.04832	372	372	0 ANNUAL	PIT	5	
TMA	426128	5418793	0.04655	372	372	0 ANNUAL	PIT	5	
TMA	426128	5418993	0.04491	371	371	0 ANNUAL	PIT	5	
TMA	426128	5419193	0.04335	370	370	0 ANNUAL	PIT	5	
TMA	426328	5416393	0.07663	379.29	379.29	0 ANNUAL	PIT	5	
TMA	426328	5416593	0.07273	380	380	0 ANNUAL	PIT	5	
TMA	426328	5416793	0.06928	380	380	0 ANNUAL	PIT	5	
TMA	426328	5416993	0.06609	380	380	0 ANNUAL	PIT	5	
TMA	426328	5417193	0.06314	380	380	0 ANNUAL	PIT	5	
TMA	426328	5417393	0.06041	380	380	0 ANNUAL	PIT	5	
TMA	426328	5417593	0.058	379	379	0 ANNUAL	PIT	5	
TMA	426328	5417793	0.05574	377.97	377.97	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	426328	5417993	0.05379	375	375	0 ANNUAL	PIT	5	
TMA	426328	5418193	0.05177	374	374	0 ANNUAL	PIT	5	
TMA	426328	5418393	0.04986	373	373	0 ANNUAL	PIT	5	
TMA	426328	5418593	0.04794	374	374	0 ANNUAL	PIT	5	
TMA	426328	5418793	0.04619	374	374	0 ANNUAL	PIT	5	
TMA	426328	5418993	0.04455	373.99	373.99	0 ANNUAL	PIT	5	
TMA	426328	5419193	0.04306	373	373	0 ANNUAL	PIT	5	
TMA	426528	5416393	0.07611	380	380	0 ANNUAL	PIT	5	
TMA	426528	5416593	0.07242	380	380	0 ANNUAL	PIT	5	
TMA	426528	5416793	0.06898	380	380	0 ANNUAL	PIT	5	
TMA	426528	5416993	0.06593	379.12	379.12	0 ANNUAL	PIT	5	
TMA	426528	5417193	0.0631	378	378	0 ANNUAL	PIT	5	
TMA	426528	5417393	0.06042	377.22	377.22	0 ANNUAL	PIT	5	
TMA	426528	5417593	0.05786	377	377	0 ANNUAL	PIT	5	
TMA	426528	5417793	0.05555	376	376	0 ANNUAL	PIT	5	
TMA	426528	5417993	0.0533	376	376	0 ANNUAL	PIT	5	
TMA	426528	5418193	0.05119	376	376	0 ANNUAL	PIT	5	
TMA	426528	5418393	0.04908	377.61	377.61	0 ANNUAL	PIT	5	
TMA	426528	5418593	0.0472	378	378	0 ANNUAL	PIT	5	
TMA	426528	5418793	0.04548	377.99	377.99	0 ANNUAL	PIT	5	
TMA	426528	5418993	0.04402	376	376	0 ANNUAL	PIT	5	
TMA	426528	5419193	0.04267	373.05	373.05	0 ANNUAL	PIT	5	
TMA	426728	5416393	0.07497	380	380	0 ANNUAL	PIT	5	
TMA	426728	5416593	0.07175	379	379	0 ANNUAL	PIT	5	
TMA	426728	5416793	0.06858	379	379	0 ANNUAL	PIT	5	
TMA	426728	5416993	0.06568	378	378	0 ANNUAL	PIT	5	
TMA	426728	5417193	0.06284	378	378	0 ANNUAL	PIT	5	
TMA	426728	5417393	0.06016	378	378	0 ANNUAL	PIT	5	
TMA	426728	5417593	0.0576	378.4	378.4	0 ANNUAL	PIT	5	
TMA	426728	5417793	0.05518	378.97	378.97	0 ANNUAL	PIT	5	
TMA	426728	5417993	0.05302	378.02	378.02	0 ANNUAL	PIT	5	
TMA	426728	5418193	0.05091	378.12	378.12	0 ANNUAL	PIT	5	
TMA	426728	5418393	0.04878	380	380	0 ANNUAL	PIT	5	
TMA	426728	5418593	0.04692	380	380	0 ANNUAL	PIT	5	
TMA	426728	5418793	0.04527	378.92	378.92	0 ANNUAL	PIT	5	
TMA	426728	5418993	0.04386	375.39	375.39	0 ANNUAL	PIT	5	
TMA	426728	5419193	0.04244	373	373	0 ANNUAL	PIT	5	
TMA	426928	5416393	0.07145	381	381	0 ANNUAL	PIT	5	
TMA	426928	5416593	0.0689	380	380	0 ANNUAL	PIT	5	
TMA	426928	5416793	0.06638	379.17	379.17	0 ANNUAL	PIT	5	
TMA	426928	5416993	0.06379	380	380	0 ANNUAL	PIT	5	
TMA	426928	5417193	0.06138	380	380	0 ANNUAL	PIT	5	
TMA	426928	5417393	0.05906	380	380	0 ANNUAL	PIT	5	
TMA	426928	5417593	0.05683	380	380	0 ANNUAL	PIT	5	
TMA	426928	5417793	0.05469	380	380	0 ANNUAL	PIT	5	
TMA	426928	5417993	0.0527	379	379	0 ANNUAL	PIT	5	
TMA	426928	5418193	0.05073	379	379	0 ANNUAL	PIT	5	
TMA	426928	5418393	0.04879	380	380	0 ANNUAL	PIT	5	
TMA	426928	5418593	0.04693	381	381	0 ANNUAL	PIT	5	
TMA	426928	5418793	0.04529	380	380	0 ANNUAL	PIT	5	
TMA	426928	5418993	0.04388	375.12	375.12	0 ANNUAL	PIT	5	
TMA	426928	5419193	0.04244	370.48	370.48	0 ANNUAL	PIT	5	
TMA	427128	5416393	0.06624	381.16	381.16	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	427128	5416593	0.06417	380	380	0 ANNUAL	PIT	5	
TMA	427128	5416793	0.06205	380	380	0 ANNUAL	PIT	5	
TMA	427128	5416993	0.06006	380	380	0 ANNUAL	PIT	5	
TMA	427128	5417193	0.05816	380	380	0 ANNUAL	PIT	5	
TMA	427128	5417393	0.05634	380	380	0 ANNUAL	PIT	5	
TMA	427128	5417593	0.05457	380	380	0 ANNUAL	PIT	5	
TMA	427128	5417793	0.05292	379	379	0 ANNUAL	PIT	5	
TMA	427128	5417993	0.05124	379	379	0 ANNUAL	PIT	5	
TMA	427128	5418193	0.04956	380	380	0 ANNUAL	PIT	5	
TMA	427128	5418393	0.04792	380.92	380.92	0 ANNUAL	PIT	5	
TMA	427128	5418593	0.04632	382	382	0 ANNUAL	PIT	5	
TMA	427128	5418793	0.04487	381	381	0 ANNUAL	PIT	5	
TMA	427128	5418993	0.04353	373.01	373.01	0 ANNUAL	PIT	5	
TMA	427128	5419193	0.04203	369	369	0 ANNUAL	PIT	5	
TMA	424328	5416193	0.06959	383.5	383.5	0 ANNUAL	PIT	5	
TMA	424328	5415993	0.07242	386.14	386.14	0 ANNUAL	PIT	5	
TMA	424328	5415793	0.07489	389.77	389.77	0 ANNUAL	PIT	5	
TMA	424328	5415593	0.07713	393.41	393.41	0 ANNUAL	PIT	5	
TMA	424328	5415393	0.08113	393.82	393.82	0 ANNUAL	PIT	5	
TMA	424328	5415193	0.08504	394.88	394.88	0 ANNUAL	PIT	5	
TMA	424328	5414993	0.08826	397.14	397.14	0 ANNUAL	PIT	5	
TMA	424328	5414793	0.09095	400	400	0 ANNUAL	PIT	5	
TMA	424328	5408393	0.22756	350.25	350.25	0 ANNUAL	PIT	5	
TMA	424328	5408193	0.2032	353.95	353.95	0 ANNUAL	PIT	5	
TMA	424528	5416193	0.07114	382	382	0 ANNUAL	PIT	5	
TMA	424528	5415993	0.07415	384.26	384.26	0 ANNUAL	PIT	5	
TMA	424528	5415793	0.07778	385.08	385.08	0 ANNUAL	PIT	5	
TMA	424528	5415593	0.08116	387.26	387.26	0 ANNUAL	PIT	5	
TMA	424528	5415393	0.08535	388	388	0 ANNUAL	PIT	5	
TMA	424528	5415193	0.08871	390.8	390.8	0 ANNUAL	PIT	5	
TMA	424528	5414993	0.09165	394.07	394.07	0 ANNUAL	PIT	5	
TMA	424528	5414793	0.09711	394.2	394.2	0 ANNUAL	PIT	5	
TMA	424728	5416193	0.07397	377.27	377.27	0 ANNUAL	PIT	5	
TMA	424728	5415993	0.07706	380.25	380.25	0 ANNUAL	PIT	5	
TMA	424728	5415793	0.08126	379.46	379.46	0 ANNUAL	PIT	5	
TMA	424728	5415593	0.08523	381	381	0 ANNUAL	PIT	5	
TMA	424728	5415393	0.08952	382.51	382.51	0 ANNUAL	PIT	5	
TMA	424728	5415193	0.0936	385.2	385.2	0 ANNUAL	PIT	5	
TMA	424728	5414993	0.09865	386.34	386.34	0 ANNUAL	PIT	5	
TMA	424728	5414793	0.10439	387.03	387.03	0 ANNUAL	PIT	5	
TMA	424928	5416193	0.076	375.96	375.96	0 ANNUAL	PIT	5	
TMA	424928	5415993	0.0801	375	375	0 ANNUAL	PIT	5	
TMA	424928	5415793	0.08405	376.94	376.94	0 ANNUAL	PIT	5	
TMA	424928	5415593	0.08843	378.04	378.04	0 ANNUAL	PIT	5	
TMA	424928	5415393	0.09319	379	379	0 ANNUAL	PIT	5	
TMA	424928	5415193	0.09867	379	379	0 ANNUAL	PIT	5	
TMA	424928	5414993	0.10354	381.96	381.96	0 ANNUAL	PIT	5	
TMA	424928	5414793	0.1065	387.99	387.99	0 ANNUAL	PIT	5	
TMA	424928	5414593	0.11161	390.16	390.16	0 ANNUAL	PIT	5	
TMA	424928	5414393	0.1218	387.14	387.14	0 ANNUAL	PIT	5	
TMA	425128	5416193	0.0763	379	379	0 ANNUAL	PIT	5	
TMA	425128	5415993	0.08044	379.01	379.01	0 ANNUAL	PIT	5	
TMA	425128	5415793	0.08544	376.76	376.76	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	425128	5415593	0.09055	376	376	0 ANNUAL	PIT	5	
TMA	425128	5415393	0.09571	377	377	0 ANNUAL	PIT	5	
TMA	425128	5415193	0.10099	379	379	0 ANNUAL	PIT	5	
TMA	425128	5414993	0.10623	381.84	381.84	0 ANNUAL	PIT	5	
TMA	425128	5414793	0.11107	385.44	385.44	0 ANNUAL	PIT	5	
TMA	425128	5414593	0.1173	386.97	386.97	0 ANNUAL	PIT	5	
TMA	425128	5414393	0.12849	383	383	0 ANNUAL	PIT	5	
TMA	425328	5416193	0.07675	379	379	0 ANNUAL	PIT	5	
TMA	425328	5415993	0.08097	379	379	0 ANNUAL	PIT	5	
TMA	425328	5415793	0.08607	377	377	0 ANNUAL	PIT	5	
TMA	425328	5415593	0.09116	377	377	0 ANNUAL	PIT	5	
TMA	425328	5415393	0.09675	377	377	0 ANNUAL	PIT	5	
TMA	425328	5415193	0.1029	377	377	0 ANNUAL	PIT	5	
TMA	425328	5414993	0.10934	378	378	0 ANNUAL	PIT	5	
TMA	425328	5414793	0.11527	381.36	381.36	0 ANNUAL	PIT	5	
TMA	425328	5414593	0.123	382	382	0 ANNUAL	PIT	5	
TMA	425328	5414393	0.13263	381	381	0 ANNUAL	PIT	5	
TMA	425528	5416193	0.07835	377	377	0 ANNUAL	PIT	5	
TMA	425528	5415993	0.08266	377	377	0 ANNUAL	PIT	5	
TMA	425528	5415793	0.08737	377	377	0 ANNUAL	PIT	5	
TMA	425528	5415593	0.09254	377	377	0 ANNUAL	PIT	5	
TMA	425528	5415393	0.09795	378	378	0 ANNUAL	PIT	5	
TMA	425528	5415193	0.1042	378	378	0 ANNUAL	PIT	5	
TMA	425528	5414993	0.11113	378	378	0 ANNUAL	PIT	5	
TMA	425528	5414793	0.11841	379	379	0 ANNUAL	PIT	5	
TMA	425528	5414593	0.12696	379	379	0 ANNUAL	PIT	5	
TMA	425528	5414393	0.13596	380	380	0 ANNUAL	PIT	5	
TMA	425728	5416193	0.08038	376	376	0 ANNUAL	PIT	5	
TMA	425728	5415993	0.08479	376	376	0 ANNUAL	PIT	5	
TMA	425728	5415793	0.08943	377	377	0 ANNUAL	PIT	5	
TMA	425728	5415593	0.0947	377	377	0 ANNUAL	PIT	5	
TMA	425728	5415393	0.10023	378	378	0 ANNUAL	PIT	5	
TMA	425728	5415193	0.1066	378	378	0 ANNUAL	PIT	5	
TMA	425728	5414993	0.11329	379	379	0 ANNUAL	PIT	5	
TMA	425728	5414793	0.12066	380	380	0 ANNUAL	PIT	5	
TMA	425728	5414593	0.12931	380	380	0 ANNUAL	PIT	5	
TMA	425728	5414393	0.13902	380	380	0 ANNUAL	PIT	5	
TMA	425728	5414193	0.14927	381	381	0 ANNUAL	PIT	5	
TMA	425928	5416193	0.08164	377.1	377.1	0 ANNUAL	PIT	5	
TMA	425928	5415993	0.08614	377	377	0 ANNUAL	PIT	5	
TMA	425928	5415793	0.09104	377	377	0 ANNUAL	PIT	5	
TMA	425928	5415593	0.09618	378	378	0 ANNUAL	PIT	5	
TMA	425928	5415393	0.10202	378.1	378.1	0 ANNUAL	PIT	5	
TMA	425928	5415193	0.10819	379.07	379.07	0 ANNUAL	PIT	5	
TMA	425928	5414993	0.1152	379.38	379.38	0 ANNUAL	PIT	5	
TMA	425928	5414793	0.12214	381.46	381.46	0 ANNUAL	PIT	5	
TMA	425928	5414593	0.13051	382	382	0 ANNUAL	PIT	5	
TMA	425928	5414393	0.14087	381	381	0 ANNUAL	PIT	5	
TMA	425928	5414193	0.15261	380	380	0 ANNUAL	PIT	5	
TMA	426128	5416193	0.08154	378	378	0 ANNUAL	PIT	5	
TMA	426128	5415993	0.08601	378	378	0 ANNUAL	PIT	5	
TMA	426128	5415793	0.0909	378	378	0 ANNUAL	PIT	5	
TMA	426128	5415593	0.09599	379	379	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	426128	5415393	0.10154	380	380	0 ANNUAL	PIT	5	
TMA	426128	5415193	0.1076	381	381	0 ANNUAL	PIT	5	
TMA	426128	5414993	0.11453	381.37	381.37	0 ANNUAL	PIT	5	
TMA	426128	5414793	0.12059	384.49	384.49	0 ANNUAL	PIT	5	
TMA	426128	5414593	0.1295	384	384	0 ANNUAL	PIT	5	
TMA	426128	5414393	0.14062	382	382	0 ANNUAL	PIT	5	
TMA	426128	5414193	0.1531	380.01	380.01	0 ANNUAL	PIT	5	
TMA	426328	5416193	0.08078	379	379	0 ANNUAL	PIT	5	
TMA	426328	5415993	0.08509	379.58	379.58	0 ANNUAL	PIT	5	
TMA	426328	5415793	0.08954	381	381	0 ANNUAL	PIT	5	
TMA	426328	5415593	0.09375	383.94	383.94	0 ANNUAL	PIT	5	
TMA	426328	5415393	0.09889	385.11	385.11	0 ANNUAL	PIT	5	
TMA	426328	5415193	0.10392	387.15	387.15	0 ANNUAL	PIT	5	
TMA	426328	5414993	0.10998	388	388	0 ANNUAL	PIT	5	
TMA	426328	5414793	0.11922	385	385	0 ANNUAL	PIT	5	
TMA	426328	5414593	0.12981	381	381	0 ANNUAL	PIT	5	
TMA	426328	5414393	0.1396	380	380	0 ANNUAL	PIT	5	
TMA	426328	5414193	0.14989	379.9	379.9	0 ANNUAL	PIT	5	
TMA	426528	5416193	0.08009	380	380	0 ANNUAL	PIT	5	
TMA	426528	5415993	0.0839	382	382	0 ANNUAL	PIT	5	
TMA	426528	5415793	0.08771	384.43	384.43	0 ANNUAL	PIT	5	
TMA	426528	5415593	0.09145	387.14	387.14	0 ANNUAL	PIT	5	
TMA	426528	5415393	0.09501	390	390	0 ANNUAL	PIT	5	
TMA	426528	5415193	0.10027	390	390	0 ANNUAL	PIT	5	
TMA	426528	5414993	0.10588	390	390	0 ANNUAL	PIT	5	
TMA	426528	5414793	0.11455	386.24	386.24	0 ANNUAL	PIT	5	
TMA	426528	5414593	0.12469	380.69	380.69	0 ANNUAL	PIT	5	
TMA	426528	5414393	0.13343	379	379	0 ANNUAL	PIT	5	
TMA	426528	5414193	0.14281	378	378	0 ANNUAL	PIT	5	
TMA	426728	5416193	0.07813	382	382	0 ANNUAL	PIT	5	
TMA	426728	5415993	0.08133	384	384	0 ANNUAL	PIT	5	
TMA	426728	5415793	0.08452	386	386	0 ANNUAL	PIT	5	
TMA	426728	5415593	0.08768	388	388	0 ANNUAL	PIT	5	
TMA	426728	5415393	0.09078	390	390	0 ANNUAL	PIT	5	
TMA	426728	5415193	0.09571	388.86	388.86	0 ANNUAL	PIT	5	
TMA	426728	5414993	0.09968	389.95	389.95	0 ANNUAL	PIT	5	
TMA	426728	5414793	0.10767	385.44	385.44	0 ANNUAL	PIT	5	
TMA	426728	5414593	0.11684	379.81	379.81	0 ANNUAL	PIT	5	
TMA	426728	5414393	0.12502	378.03	378.03	0 ANNUAL	PIT	5	
TMA	426728	5414193	0.1336	378	378	0 ANNUAL	PIT	5	
TMA	426928	5416193	0.07387	383	383	0 ANNUAL	PIT	5	
TMA	426928	5415993	0.07626	385	385	0 ANNUAL	PIT	5	
TMA	426928	5415793	0.07863	387	387	0 ANNUAL	PIT	5	
TMA	426928	5415593	0.08146	388	388	0 ANNUAL	PIT	5	
TMA	426928	5415393	0.085	388	388	0 ANNUAL	PIT	5	
TMA	426928	5415193	0.09007	385.9	385.9	0 ANNUAL	PIT	5	
TMA	426928	5414993	0.09561	384.4	384.4	0 ANNUAL	PIT	5	
TMA	426928	5414793	0.10222	382.59	382.59	0 ANNUAL	PIT	5	
TMA	426928	5414593	0.11029	379.99	379.99	0 ANNUAL	PIT	5	
TMA	426928	5414393	0.11878	379	379	0 ANNUAL	PIT	5	
TMA	426928	5414193	0.12864	378	378	0 ANNUAL	PIT	5	
TMA	427128	5416193	0.06806	383.98	383.98	0 ANNUAL	PIT	5	
TMA	427128	5415993	0.07018	386	386	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	427128	5415793	0.07298	386.86	386.86	0 ANNUAL	PIT	5	
TMA	427128	5415593	0.07693	386	386	0 ANNUAL	PIT	5	
TMA	427128	5415393	0.0812	386	386	0 ANNUAL	PIT	5	
TMA	427128	5415193	0.08664	385	385	0 ANNUAL	PIT	5	
TMA	427128	5414993	0.09297	383.88	383.88	0 ANNUAL	PIT	5	
TMA	427128	5414793	0.10056	382	382	0 ANNUAL	PIT	5	
TMA	427128	5414593	0.10876	381	381	0 ANNUAL	PIT	5	
TMA	427128	5414393	0.11806	380	380	0 ANNUAL	PIT	5	
TMA	427128	5414193	0.128	380	380	0 ANNUAL	PIT	5	
TMA	424128	5408393	0.20802	350.25	350.25	0 ANNUAL	PIT	5	
TMA	424128	5408193	0.1866	354	354	0 ANNUAL	PIT	5	
TMA	423928	5408393	0.19426	353.49	353.49	0 ANNUAL	PIT	5	
TMA	423928	5408193	0.17191	357.59	357.59	0 ANNUAL	PIT	5	
TMA	423728	5408393	0.18403	355.6	355.6	0 ANNUAL	PIT	5	
TMA	423728	5408193	0.16135	359.84	359.84	0 ANNUAL	PIT	5	
TMA	423528	5408393	0.17459	352	352	0 ANNUAL	PIT	5	
TMA	423528	5408193	0.1539	354.52	354.52	0 ANNUAL	PIT	5	
TMA	423328	5408593	0.17976	349.35	349.35	0 ANNUAL	PIT	5	
TMA	423328	5408393	0.16496	351	351	0 ANNUAL	PIT	5	
TMA	423328	5408193	0.14722	352	352	0 ANNUAL	PIT	5	
TMA	423128	5408593	0.16346	352.5	352.5	0 ANNUAL	PIT	5	
TMA	423128	5408393	0.15458	354.07	354.07	0 ANNUAL	PIT	5	
TMA	423128	5408193	0.14086	356	356	0 ANNUAL	PIT	5	
TMA	422928	5408593	0.14712	353	353	0 ANNUAL	PIT	5	
TMA	422928	5408393	0.14292	355	355	0 ANNUAL	PIT	5	
TMA	422928	5408193	0.13362	357	357	0 ANNUAL	PIT	5	
TMA	422728	5408593	0.13199	353	353	0 ANNUAL	PIT	5	
TMA	422728	5408393	0.13076	355	355	0 ANNUAL	PIT	5	
TMA	422728	5408193	0.12546	356	356	0 ANNUAL	PIT	5	
TMA	422528	5408593	0.11859	354	354	0 ANNUAL	PIT	5	
TMA	422528	5408393	0.1189	354.79	354.79	0 ANNUAL	PIT	5	
TMA	422528	5408193	0.11653	355.99	355.99	0 ANNUAL	PIT	5	
TMA	422328	5408593	0.10682	352	352	0 ANNUAL	PIT	5	
TMA	422328	5408393	0.10787	353	353	0 ANNUAL	PIT	5	
TMA	422328	5408193	0.1073	354	354	0 ANNUAL	PIT	5	
TMA	422128	5408593	0.09663	350	350	0 ANNUAL	PIT	5	
TMA	422128	5408393	0.09801	352	352	0 ANNUAL	PIT	5	
TMA	422128	5408193	0.09842	354	354	0 ANNUAL	PIT	5	
TMA	421928	5408593	0.08793	350	350	0 ANNUAL	PIT	5	
TMA	421928	5408393	0.08933	351.68	351.68	0 ANNUAL	PIT	5	
TMA	421928	5408193	0.09019	354	354	0 ANNUAL	PIT	5	
TMA	421728	5408593	0.08037	349	349	0 ANNUAL	PIT	5	
TMA	421728	5408393	0.08169	351	351	0 ANNUAL	PIT	5	
TMA	421728	5408193	0.08274	353	353	0 ANNUAL	PIT	5	
TMA	421528	5408593	0.07385	348	348	0 ANNUAL	PIT	5	
TMA	421528	5408393	0.07491	349	349	0 ANNUAL	PIT	5	
TMA	421528	5408193	0.07607	351	351	0 ANNUAL	PIT	5	
TMA	421328	5408593	0.06817	345.41	345.41	0 ANNUAL	PIT	5	
TMA	421328	5408393	0.06894	347	347	0 ANNUAL	PIT	5	
TMA	421328	5408193	0.07011	348.81	348.81	0 ANNUAL	PIT	5	
TMA	421128	5408593	0.06333	344.52	344.52	0 ANNUAL	PIT	5	
TMA	421128	5408393	0.06369	345.3	345.3	0 ANNUAL	PIT	5	
TMA	421128	5408193	0.06478	347	347	0 ANNUAL	PIT	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420928	5408593	0.05912	343	343	0 ANNUAL	PIT	5	
TMA	420928	5408393	0.05911	344	344	0 ANNUAL	PIT	5	
TMA	420928	5408193	0.06001	345	345	0 ANNUAL	PIT	5	
TMA	420728	5408593	0.05552	343	343	0 ANNUAL	PIT	5	
TMA	420728	5408393	0.05511	343	343	0 ANNUAL	PIT	5	
TMA	420728	5408193	0.05576	344	344	0 ANNUAL	PIT	5	
TMA	420528	5409393	0.05173	353	353	0 ANNUAL	PIT	5	
TMA	420528	5409193	0.053	350	350	0 ANNUAL	PIT	5	
TMA	420528	5408993	0.0539	349	349	0 ANNUAL	PIT	5	
TMA	420528	5408793	0.05358	347	347	0 ANNUAL	PIT	5	
TMA	420528	5408593	0.05242	345.03	345.03	0 ANNUAL	PIT	5	
TMA	420528	5408393	0.05165	343	343	0 ANNUAL	PIT	5	
TMA	420528	5408193	0.05198	343	343	0 ANNUAL	PIT	5	
TMA	420328	5409393	0.0485	353.52	353.52	0 ANNUAL	PIT	5	
TMA	420328	5409193	0.04966	350.89	350.89	0 ANNUAL	PIT	5	
TMA	420328	5408993	0.05064	349	349	0 ANNUAL	PIT	5	
TMA	420328	5408793	0.05063	348	348	0 ANNUAL	PIT	5	
TMA	420128	5409393	0.04557	352.9	352.9	0 ANNUAL	PIT	5	
TMA	420128	5409193	0.04661	350	350	0 ANNUAL	PIT	5	
TMA	420128	5408993	0.04763	349	349	0 ANNUAL	PIT	5	
TMA	420128	5408793	0.04786	348	348	0 ANNUAL	PIT	5	
TMA	419928	5409393	0.04293	353	353	0 ANNUAL	PIT	5	
TMA	419928	5409193	0.04386	351	351	0 ANNUAL	PIT	5	
TMA	419928	5408993	0.04489	350	350	0 ANNUAL	PIT	5	
TMA	419928	5408793	0.04531	349	349	0 ANNUAL	PIT	5	
TMA	419728	5409393	0.04051	351	351	0 ANNUAL	PIT	5	
TMA	419728	5409193	0.04133	349.94	349.94	0 ANNUAL	PIT	5	
TMA	419728	5408993	0.04233	349	349	0 ANNUAL	PIT	5	
TMA	419728	5408793	0.04289	348	348	0 ANNUAL	PIT	5	
TMA	419528	5410993	0.03179	356	356	0 ANNUAL	PIT	5	
TMA	419528	5410793	0.03267	355	355	0 ANNUAL	PIT	5	
TMA	419528	5410593	0.03371	357	357	0 ANNUAL	PIT	5	
TMA	419528	5410393	0.03468	358	358	0 ANNUAL	PIT	5	
TMA	419528	5410193	0.03568	356.94	356.94	0 ANNUAL	PIT	5	
TMA	419528	5409993	0.03671	355	355	0 ANNUAL	PIT	5	
TMA	419528	5409793	0.03751	353.29	353.29	0 ANNUAL	PIT	5	
TMA	419528	5409593	0.03794	351.28	351.28	0 ANNUAL	PIT	5	
TMA	419528	5409393	0.03832	350	350	0 ANNUAL	PIT	5	
TMA	419528	5409193	0.03903	349	349	0 ANNUAL	PIT	5	
TMA	419528	5408993	0.03997	348	348	0 ANNUAL	PIT	5	
TMA	419528	5408793	0.04063	347	347	0 ANNUAL	PIT	5	
TMA	419528	5408593	0.04052	346	346	0 ANNUAL	PIT	5	
TMA	419528	5408393	0.03969	345	345	0 ANNUAL	PIT	5	
TMA	419528	5408193	0.03883	343	343	0 ANNUAL	PIT	5	
TMA	419328	5410993	0.03026	355	355	0 ANNUAL	PIT	5	
TMA	419328	5410793	0.03112	353	353	0 ANNUAL	PIT	5	
TMA	419328	5410593	0.03209	353	353	0 ANNUAL	PIT	5	
TMA	419328	5410393	0.033	353.58	353.58	0 ANNUAL	PIT	5	
TMA	419328	5410193	0.03391	353.77	353.77	0 ANNUAL	PIT	5	
TMA	419328	5409993	0.03486	352	352	0 ANNUAL	PIT	5	
TMA	419328	5409793	0.03561	351.03	351.03	0 ANNUAL	PIT	5	
TMA	419328	5409593	0.03601	350.18	350.18	0 ANNUAL	PIT	5	
TMA	419328	5409393	0.03634	350	350	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	419328	5409193	0.03693	348.27	348.27	0 ANNUAL	PIT	5	
TMA	419328	5408993	0.03781	347.63	347.63	0 ANNUAL	PIT	5	
TMA	419328	5408793	0.03854	347	347	0 ANNUAL	PIT	5	
TMA	419328	5408593	0.03861	346	346	0 ANNUAL	PIT	5	
TMA	419328	5408393	0.03794	344.73	344.73	0 ANNUAL	PIT	5	
TMA	419328	5408193	0.03702	342.09	342.09	0 ANNUAL	PIT	5	
TMA	419128	5410993	0.02887	355	355	0 ANNUAL	PIT	5	
TMA	419128	5410793	0.0297	353	353	0 ANNUAL	PIT	5	
TMA	419128	5410593	0.03059	351	351	0 ANNUAL	PIT	5	
TMA	419128	5410393	0.03141	350	350	0 ANNUAL	PIT	5	
TMA	419128	5410193	0.03226	350	350	0 ANNUAL	PIT	5	
TMA	419128	5409993	0.03315	350	350	0 ANNUAL	PIT	5	
TMA	419128	5409793	0.03387	350	350	0 ANNUAL	PIT	5	
TMA	419128	5409593	0.03424	349	349	0 ANNUAL	PIT	5	
TMA	419128	5409393	0.03449	348	348	0 ANNUAL	PIT	5	
TMA	419128	5409193	0.03502	348	348	0 ANNUAL	PIT	5	
TMA	419128	5408993	0.03582	347	347	0 ANNUAL	PIT	5	
TMA	419128	5408793	0.03657	346	346	0 ANNUAL	PIT	5	
TMA	419128	5408593	0.03681	346	346	0 ANNUAL	PIT	5	
TMA	419128	5408393	0.03631	344.6	344.6	0 ANNUAL	PIT	5	
TMA	419128	5408193	0.03541	342	342	0 ANNUAL	PIT	5	
TMA	418928	5410993	0.02756	352	352	0 ANNUAL	PIT	5	
TMA	418928	5410793	0.02837	351	351	0 ANNUAL	PIT	5	
TMA	418928	5410593	0.0292	350	350	0 ANNUAL	PIT	5	
TMA	418928	5410393	0.02996	349	349	0 ANNUAL	PIT	5	
TMA	418928	5410193	0.03075	349	349	0 ANNUAL	PIT	5	
TMA	418928	5409993	0.03158	348.44	348.44	0 ANNUAL	PIT	5	
TMA	418928	5409793	0.03225	348	348	0 ANNUAL	PIT	5	
TMA	418928	5409593	0.03261	348	348	0 ANNUAL	PIT	5	
TMA	418928	5409393	0.03281	347	347	0 ANNUAL	PIT	5	
TMA	418928	5409193	0.03325	347	347	0 ANNUAL	PIT	5	
TMA	418928	5408993	0.03398	346	346	0 ANNUAL	PIT	5	
TMA	418928	5408793	0.03475	345.98	345.98	0 ANNUAL	PIT	5	
TMA	418928	5408593	0.0351	345	345	0 ANNUAL	PIT	5	
TMA	418928	5408393	0.03477	344	344	0 ANNUAL	PIT	5	
TMA	418928	5408193	0.03395	342	342	0 ANNUAL	PIT	5	
TMA	418728	5410993	0.02635	349.6	349.6	0 ANNUAL	PIT	5	
TMA	418728	5410793	0.02714	349	349	0 ANNUAL	PIT	5	
TMA	418728	5410593	0.02791	348.05	348.05	0 ANNUAL	PIT	5	
TMA	418728	5410393	0.02862	348	348	0 ANNUAL	PIT	5	
TMA	418728	5410193	0.02934	347.03	347.03	0 ANNUAL	PIT	5	
TMA	418728	5409993	0.03012	347	347	0 ANNUAL	PIT	5	
TMA	418728	5409793	0.03077	347	347	0 ANNUAL	PIT	5	
TMA	418728	5409593	0.0311	347	347	0 ANNUAL	PIT	5	
TMA	418728	5409393	0.03127	346	346	0 ANNUAL	PIT	5	
TMA	418728	5409193	0.03163	346	346	0 ANNUAL	PIT	5	
TMA	418728	5408993	0.03228	345	345	0 ANNUAL	PIT	5	
TMA	418728	5408793	0.03303	345	345	0 ANNUAL	PIT	5	
TMA	418728	5408593	0.03347	344	344	0 ANNUAL	PIT	5	
TMA	418728	5408393	0.03331	343	343	0 ANNUAL	PIT	5	
TMA	418728	5408193	0.0326	341	341	0 ANNUAL	PIT	5	
TMA	418528	5410993	0.02525	349	349	0 ANNUAL	PIT	5	
TMA	418528	5410793	0.026	348	348	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	418528	5410593	0.02671	347	347	0 ANNUAL	PIT	5	
TMA	418528	5410393	0.02737	347	347	0 ANNUAL	PIT	5	
TMA	418528	5410193	0.02804	346	346	0 ANNUAL	PIT	5	
TMA	418528	5409993	0.02878	346	346	0 ANNUAL	PIT	5	
TMA	418528	5409793	0.02939	346	346	0 ANNUAL	PIT	5	
TMA	418528	5409593	0.0297	346	346	0 ANNUAL	PIT	5	
TMA	418528	5409393	0.02984	345	345	0 ANNUAL	PIT	5	
TMA	418528	5409193	0.03014	345	345	0 ANNUAL	PIT	5	
TMA	418528	5408993	0.03071	344.08	344.08	0 ANNUAL	PIT	5	
TMA	418528	5408793	0.03143	344	344	0 ANNUAL	PIT	5	
TMA	418528	5408593	0.03195	344	344	0 ANNUAL	PIT	5	
TMA	418528	5408393	0.03194	343	343	0 ANNUAL	PIT	5	
TMA	418528	5408193	0.03137	342	342	0 ANNUAL	PIT	5	
TMA	418328	5410993	0.02423	349	349	0 ANNUAL	PIT	5	
TMA	418328	5410793	0.02494	348	348	0 ANNUAL	PIT	5	
TMA	418328	5410593	0.02561	347	347	0 ANNUAL	PIT	5	
TMA	418328	5410393	0.02621	346	346	0 ANNUAL	PIT	5	
TMA	418328	5410193	0.02685	346	346	0 ANNUAL	PIT	5	
TMA	418328	5409993	0.02754	346	346	0 ANNUAL	PIT	5	
TMA	418328	5409793	0.02811	345	345	0 ANNUAL	PIT	5	
TMA	418328	5409593	0.02841	345	345	0 ANNUAL	PIT	5	
TMA	418328	5409393	0.02853	345	345	0 ANNUAL	PIT	5	
TMA	418328	5409193	0.02876	344	344	0 ANNUAL	PIT	5	
TMA	418328	5408993	0.02928	344	344	0 ANNUAL	PIT	5	
TMA	418328	5408793	0.02996	343.82	343.82	0 ANNUAL	PIT	5	
TMA	418328	5408593	0.0305	343	343	0 ANNUAL	PIT	5	
TMA	418328	5408393	0.03063	343	343	0 ANNUAL	PIT	5	
TMA	418328	5408193	0.03019	342	342	0 ANNUAL	PIT	5	
TMA	418128	5410993	0.02327	348	348	0 ANNUAL	PIT	5	
TMA	418128	5410793	0.02396	348	348	0 ANNUAL	PIT	5	
TMA	418128	5410593	0.02458	347	347	0 ANNUAL	PIT	5	
TMA	418128	5410393	0.02513	346	346	0 ANNUAL	PIT	5	
TMA	418128	5410193	0.02574	346	346	0 ANNUAL	PIT	5	
TMA	418128	5409993	0.02639	346	346	0 ANNUAL	PIT	5	
TMA	418128	5409793	0.02693	345	345	0 ANNUAL	PIT	5	
TMA	418128	5409593	0.02722	345	345	0 ANNUAL	PIT	5	
TMA	418128	5409393	0.02732	345	345	0 ANNUAL	PIT	5	
TMA	418128	5409193	0.0275	344	344	0 ANNUAL	PIT	5	
TMA	418128	5408993	0.02795	344	344	0 ANNUAL	PIT	5	
TMA	418128	5408793	0.02857	343	343	0 ANNUAL	PIT	5	
TMA	418128	5408593	0.02915	343	343	0 ANNUAL	PIT	5	
TMA	418128	5408393	0.02937	342	342	0 ANNUAL	PIT	5	
TMA	418128	5408193	0.02908	342	342	0 ANNUAL	PIT	5	
TMA	417928	5410993	0.0224	349	349	0 ANNUAL	PIT	5	
TMA	417928	5410793	0.02304	348	348	0 ANNUAL	PIT	5	
TMA	417928	5410593	0.02361	347	347	0 ANNUAL	PIT	5	
TMA	417928	5410393	0.02414	347	347	0 ANNUAL	PIT	5	
TMA	417928	5410193	0.0247	346	346	0 ANNUAL	PIT	5	
TMA	417928	5409993	0.02531	346	346	0 ANNUAL	PIT	5	
TMA	417928	5409793	0.02584	346	346	0 ANNUAL	PIT	5	
TMA	417928	5409593	0.02612	346	346	0 ANNUAL	PIT	5	
TMA	417928	5409393	0.02619	345	345	0 ANNUAL	PIT	5	
TMA	417928	5409193	0.02633	344	344	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	417928	5408993	0.02672	344	344	0 ANNUAL	PIT	5	
TMA	417928	5408793	0.02729	343	343	0 ANNUAL	PIT	5	
TMA	417928	5408593	0.02788	343	343	0 ANNUAL	PIT	5	
TMA	417928	5408393	0.02817	342	342	0 ANNUAL	PIT	5	
TMA	417928	5408193	0.02801	342	342	0 ANNUAL	PIT	5	
TMA	417728	5410993	0.02157	349	349	0 ANNUAL	PIT	5	
TMA	417728	5410793	0.02218	348	348	0 ANNUAL	PIT	5	
TMA	417728	5410593	0.02271	347	347	0 ANNUAL	PIT	5	
TMA	417728	5410393	0.0232	347	347	0 ANNUAL	PIT	5	
TMA	417728	5410193	0.02373	347	347	0 ANNUAL	PIT	5	
TMA	417728	5409993	0.02432	347	347	0 ANNUAL	PIT	5	
TMA	417728	5409793	0.02482	347	347	0 ANNUAL	PIT	5	
TMA	417728	5409593	0.02509	347	347	0 ANNUAL	PIT	5	
TMA	417728	5409393	0.02515	346	346	0 ANNUAL	PIT	5	
TMA	417728	5409193	0.02526	345.93	345.93	0 ANNUAL	PIT	5	
TMA	417728	5408993	0.02559	345	345	0 ANNUAL	PIT	5	
TMA	417728	5408793	0.02611	344	344	0 ANNUAL	PIT	5	
TMA	417728	5408593	0.02667	343	343	0 ANNUAL	PIT	5	
TMA	417728	5408393	0.02704	343	343	0 ANNUAL	PIT	5	
TMA	417728	5408193	0.02699	342	342	0 ANNUAL	PIT	5	
TMA	417528	5410993	0.02079	349	349	0 ANNUAL	PIT	5	
TMA	417528	5410793	0.02136	348	348	0 ANNUAL	PIT	5	
TMA	417528	5410593	0.02187	348	348	0 ANNUAL	PIT	5	
TMA	417528	5410393	0.02233	348	348	0 ANNUAL	PIT	5	
TMA	417528	5410193	0.02282	347	347	0 ANNUAL	PIT	5	
TMA	417528	5409993	0.02337	347	347	0 ANNUAL	PIT	5	
TMA	417528	5409793	0.02386	347.42	347.42	0 ANNUAL	PIT	5	
TMA	417528	5409593	0.02411	347	347	0 ANNUAL	PIT	5	
TMA	417528	5409393	0.02418	347	347	0 ANNUAL	PIT	5	
TMA	417528	5409193	0.02425	346	346	0 ANNUAL	PIT	5	
TMA	417528	5408993	0.02452	345	345	0 ANNUAL	PIT	5	
TMA	417528	5408793	0.02501	345	345	0 ANNUAL	PIT	5	
TMA	417528	5408593	0.02556	344	344	0 ANNUAL	PIT	5	
TMA	417528	5408393	0.02596	343	343	0 ANNUAL	PIT	5	
TMA	417528	5408193	0.026	342	342	0 ANNUAL	PIT	5	
TMA	417328	5410993	0.02006	349	349	0 ANNUAL	PIT	5	
TMA	417328	5410793	0.02061	349	349	0 ANNUAL	PIT	5	
TMA	417328	5410593	0.02107	348	348	0 ANNUAL	PIT	5	
TMA	417328	5410393	0.0215	348	348	0 ANNUAL	PIT	5	
TMA	417328	5410193	0.02197	348	348	0 ANNUAL	PIT	5	
TMA	417328	5409993	0.02249	347	347	0 ANNUAL	PIT	5	
TMA	417328	5409793	0.02294	346	346	0 ANNUAL	PIT	5	
TMA	417328	5409593	0.02319	346	346	0 ANNUAL	PIT	5	
TMA	417328	5409393	0.02325	346	346	0 ANNUAL	PIT	5	
TMA	417328	5409193	0.02329	345	345	0 ANNUAL	PIT	5	
TMA	417328	5408993	0.02353	345	345	0 ANNUAL	PIT	5	
TMA	417328	5408793	0.02397	345	345	0 ANNUAL	PIT	5	
TMA	417328	5408593	0.02449	344	344	0 ANNUAL	PIT	5	
TMA	417328	5408393	0.02492	343	343	0 ANNUAL	PIT	5	
TMA	417328	5408193	0.02505	341.83	341.83	0 ANNUAL	PIT	5	
TMA	417128	5410993	0.01938	350	350	0 ANNUAL	PIT	5	
TMA	417128	5410793	0.01989	349	349	0 ANNUAL	PIT	5	
TMA	417128	5410593	0.02032	348.66	348.66	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	417128	5410393	0.02074	350	350	0 ANNUAL	PIT	5	
TMA	417128	5410193	0.02118	350	350	0 ANNUAL	PIT	5	
TMA	417128	5409993	0.02168	350	350	0 ANNUAL	PIT	5	
TMA	417128	5409793	0.02211	348.57	348.57	0 ANNUAL	PIT	5	
TMA	417128	5409593	0.02234	346.6	346.6	0 ANNUAL	PIT	5	
TMA	417128	5409393	0.02239	346	346	0 ANNUAL	PIT	5	
TMA	417128	5409193	0.02241	345	345	0 ANNUAL	PIT	5	
TMA	417128	5408993	0.0226	344	344	0 ANNUAL	PIT	5	
TMA	417128	5408793	0.02298	343	343	0 ANNUAL	PIT	5	
TMA	417128	5408593	0.02349	343	343	0 ANNUAL	PIT	5	
TMA	417128	5408393	0.02393	342	342	0 ANNUAL	PIT	5	
TMA	417128	5408193	0.02413	341	341	0 ANNUAL	PIT	5	
TMA	416928	5410993	0.01875	353	353	0 ANNUAL	PIT	5	
TMA	416928	5410793	0.01921	350	350	0 ANNUAL	PIT	5	
TMA	416928	5410593	0.01962	349.92	349.92	0 ANNUAL	PIT	5	
TMA	416928	5410393	0.02001	350	350	0 ANNUAL	PIT	5	
TMA	416928	5410193	0.02043	351	351	0 ANNUAL	PIT	5	
TMA	416928	5409993	0.0209	351	351	0 ANNUAL	PIT	5	
TMA	416928	5409793	0.02132	350	350	0 ANNUAL	PIT	5	
TMA	416928	5409593	0.02156	350	350	0 ANNUAL	PIT	5	
TMA	416928	5409393	0.0216	349	349	0 ANNUAL	PIT	5	
TMA	416928	5409193	0.0216	347	347	0 ANNUAL	PIT	5	
TMA	416928	5408993	0.02175	346	346	0 ANNUAL	PIT	5	
TMA	416928	5408793	0.0221	345	345	0 ANNUAL	PIT	5	
TMA	416928	5408593	0.02256	344	344	0 ANNUAL	PIT	5	
TMA	416928	5408393	0.02301	344	344	0 ANNUAL	PIT	5	
TMA	416928	5408193	0.02327	343	343	0 ANNUAL	PIT	5	
TMA	416728	5410993	0.01812	351.06	351.06	0 ANNUAL	PIT	5	
TMA	416728	5410793	0.01858	351	351	0 ANNUAL	PIT	5	
TMA	416728	5410593	0.01895	350	350	0 ANNUAL	PIT	5	
TMA	416728	5410393	0.01932	351	351	0 ANNUAL	PIT	5	
TMA	416728	5410193	0.01972	352	352	0 ANNUAL	PIT	5	
TMA	416728	5409993	0.02017	352	352	0 ANNUAL	PIT	5	
TMA	416728	5409793	0.02057	351	351	0 ANNUAL	PIT	5	
TMA	416728	5409593	0.0208	350	350	0 ANNUAL	PIT	5	
TMA	416728	5409393	0.02084	349.5	349.5	0 ANNUAL	PIT	5	
TMA	416728	5409193	0.02084	349.3	349.3	0 ANNUAL	PIT	5	
TMA	416728	5408993	0.02096	348.99	348.99	0 ANNUAL	PIT	5	
TMA	416728	5408793	0.02127	347.94	347.94	0 ANNUAL	PIT	5	
TMA	416728	5408593	0.02169	346	346	0 ANNUAL	PIT	5	
TMA	416728	5408393	0.02214	345	345	0 ANNUAL	PIT	5	
TMA	416728	5408193	0.02242	343	343	0 ANNUAL	PIT	5	
TMA	416528	5410993	0.01743	361.2	361.2	0 ANNUAL	PIT	5	
TMA	416528	5410793	0.01799	356	356	0 ANNUAL	PIT	5	
TMA	416528	5410593	0.01834	352.93	352.93	0 ANNUAL	PIT	5	
TMA	416528	5410393	0.01867	351	351	0 ANNUAL	PIT	5	
TMA	416528	5410193	0.01905	353	353	0 ANNUAL	PIT	5	
TMA	416528	5409993	0.01948	354	354	0 ANNUAL	PIT	5	
TMA	416528	5409793	0.01987	353	353	0 ANNUAL	PIT	5	
TMA	416528	5409593	0.02009	351.77	351.77	0 ANNUAL	PIT	5	
TMA	416528	5409393	0.02013	351	351	0 ANNUAL	PIT	5	
TMA	416528	5409193	0.02012	350	350	0 ANNUAL	PIT	5	
TMA	416528	5408993	0.0202	349	349	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	416528	5408793	0.02047	347	347	0 ANNUAL	PIT	5	
TMA	416528	5408593	0.02086	345	345	0 ANNUAL	PIT	5	
TMA	416528	5408393	0.02128	343	343	0 ANNUAL	PIT	5	
TMA	416528	5408193	0.0216	341.73	341.73	0 ANNUAL	PIT	5	
TMA	416328	5410993	0.01674	367.86	367.86	0 ANNUAL	PIT	5	
TMA	416328	5410793	0.0174	359	359	0 ANNUAL	PIT	5	
TMA	416328	5410593	0.01775	355.8	355.8	0 ANNUAL	PIT	5	
TMA	416328	5410393	0.01805	352	352	0 ANNUAL	PIT	5	
TMA	416328	5410193	0.01842	353.47	353.47	0 ANNUAL	PIT	5	
TMA	416328	5409993	0.01883	355	355	0 ANNUAL	PIT	5	
TMA	416328	5409793	0.0192	354	354	0 ANNUAL	PIT	5	
TMA	416328	5409593	0.01942	353	353	0 ANNUAL	PIT	5	
TMA	416328	5409393	0.01946	351.99	351.99	0 ANNUAL	PIT	5	
TMA	416328	5409193	0.01943	350	350	0 ANNUAL	PIT	5	
TMA	416328	5408993	0.01949	348.73	348.73	0 ANNUAL	PIT	5	
TMA	416328	5408793	0.01969	344	344	0 ANNUAL	PIT	5	
TMA	416328	5408593	0.02004	341	341	0 ANNUAL	PIT	5	
TMA	416328	5408393	0.02047	341	341	0 ANNUAL	PIT	5	
TMA	416328	5408193	0.02082	341	341	0 ANNUAL	PIT	5	
TMA	416128	5410993	0.01629	364.98	364.98	0 ANNUAL	PIT	5	
TMA	416128	5410793	0.01678	361.31	361.31	0 ANNUAL	PIT	5	
TMA	416128	5410593	0.01717	359	359	0 ANNUAL	PIT	5	
TMA	416128	5410393	0.01748	356	356	0 ANNUAL	PIT	5	
TMA	416128	5410193	0.01781	353	353	0 ANNUAL	PIT	5	
TMA	416128	5409993	0.0182	354	354	0 ANNUAL	PIT	5	
TMA	416128	5409793	0.01856	354	354	0 ANNUAL	PIT	5	
TMA	416128	5409593	0.01878	353	353	0 ANNUAL	PIT	5	
TMA	416128	5409393	0.01882	352	352	0 ANNUAL	PIT	5	
TMA	416128	5409193	0.01878	350	350	0 ANNUAL	PIT	5	
TMA	416128	5408993	0.01882	349	349	0 ANNUAL	PIT	5	
TMA	416128	5408793	0.01901	345.96	345.96	0 ANNUAL	PIT	5	
TMA	416128	5408593	0.01932	342.33	342.33	0 ANNUAL	PIT	5	
TMA	416128	5408393	0.01973	343	343	0 ANNUAL	PIT	5	
TMA	416128	5408193	0.02009	343	343	0 ANNUAL	PIT	5	
TMA	418928	5413193	0.02933	371.76	371.76	0 ANNUAL	PIT	5	
TMA	418928	5413393	0.03074	369.38	369.38	0 ANNUAL	PIT	5	
TMA	418928	5413593	0.03101	367.41	367.41	0 ANNUAL	PIT	5	
TMA	418928	5413793	0.03038	372.61	372.61	0 ANNUAL	PIT	5	
TMA	418928	5413993	0.0289	381	381	0 ANNUAL	PIT	5	
TMA	418928	5414193	0.02823	379	379	0 ANNUAL	PIT	5	
TMA	418928	5414393	0.02847	376	376	0 ANNUAL	PIT	5	
TMA	418928	5414593	0.02907	379	379	0 ANNUAL	PIT	5	
TMA	418928	5414793	0.03015	380	380	0 ANNUAL	PIT	5	
TMA	418928	5414993	0.03114	378	378	0 ANNUAL	PIT	5	
TMA	418928	5415193	0.03157	378	378	0 ANNUAL	PIT	5	
TMA	418928	5415393	0.03153	380	380	0 ANNUAL	PIT	5	
TMA	418928	5415593	0.03109	381.68	381.68	0 ANNUAL	PIT	5	
TMA	418928	5415793	0.03024	380.27	380.27	0 ANNUAL	PIT	5	
TMA	418928	5415993	0.02894	378.04	378.04	0 ANNUAL	PIT	5	
TMA	418928	5416193	0.02758	373.71	373.71	0 ANNUAL	PIT	5	
TMA	418928	5416393	0.02655	370.1	370.1	0 ANNUAL	PIT	5	
TMA	418928	5416593	0.02583	370	370	0 ANNUAL	PIT	5	
TMA	418928	5416793	0.02562	369	369	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	418928	5416993	0.02569	368.14	368.14	0 ANNUAL	PIT	5	
TMA	418928	5417193	0.0258	368.37	368.37	0 ANNUAL	PIT	5	
TMA	418928	5417393	0.02586	370	370	0 ANNUAL	PIT	5	
TMA	418928	5417593	0.0258	370	370	0 ANNUAL	PIT	5	
TMA	418928	5417793	0.02559	370	370	0 ANNUAL	PIT	5	
TMA	418928	5417993	0.02524	366.1	366.1	0 ANNUAL	PIT	5	
TMA	418928	5418193	0.02487	368	368	0 ANNUAL	PIT	5	
TMA	418928	5418393	0.02447	366.65	366.65	0 ANNUAL	PIT	5	
TMA	418928	5418593	0.02422	361.17	361.17	0 ANNUAL	PIT	5	
TMA	418928	5418793	0.02404	361	361	0 ANNUAL	PIT	5	
TMA	418928	5418993	0.02383	361	361	0 ANNUAL	PIT	5	
TMA	418928	5419193	0.02346	362.73	362.73	0 ANNUAL	PIT	5	
TMA	418728	5413593	0.0297	370	370	0 ANNUAL	PIT	5	
TMA	418728	5413793	0.02948	375.05	375.05	0 ANNUAL	PIT	5	
TMA	418728	5413993	0.02844	375.91	375.91	0 ANNUAL	PIT	5	
TMA	418728	5414193	0.02762	372.18	372.18	0 ANNUAL	PIT	5	
TMA	418728	5414393	0.02724	372.2	372.2	0 ANNUAL	PIT	5	
TMA	418728	5414593	0.02741	375	375	0 ANNUAL	PIT	5	
TMA	418728	5414793	0.02832	375	375	0 ANNUAL	PIT	5	
TMA	418728	5414993	0.02919	378.01	378.01	0 ANNUAL	PIT	5	
TMA	418728	5415193	0.02986	379	379	0 ANNUAL	PIT	5	
TMA	418728	5415393	0.0302	378.19	378.19	0 ANNUAL	PIT	5	
TMA	418728	5415593	0.03019	375.93	375.93	0 ANNUAL	PIT	5	
TMA	418728	5415793	0.02971	373	373	0 ANNUAL	PIT	5	
TMA	418728	5415993	0.02877	372	372	0 ANNUAL	PIT	5	
TMA	418728	5416193	0.02753	370	370	0 ANNUAL	PIT	5	
TMA	418728	5416393	0.02631	369	369	0 ANNUAL	PIT	5	
TMA	418728	5416593	0.02536	368	368	0 ANNUAL	PIT	5	
TMA	418728	5416793	0.02481	367	367	0 ANNUAL	PIT	5	
TMA	418728	5416993	0.02456	367	367	0 ANNUAL	PIT	5	
TMA	418728	5417193	0.02457	367	367	0 ANNUAL	PIT	5	
TMA	418728	5417393	0.02465	367.6	367.6	0 ANNUAL	PIT	5	
TMA	418728	5417593	0.0247	368	368	0 ANNUAL	PIT	5	
TMA	418728	5417793	0.02463	366.88	366.88	0 ANNUAL	PIT	5	
TMA	418728	5417993	0.02438	363.2	363.2	0 ANNUAL	PIT	5	
TMA	418728	5418193	0.0241	362.9	362.9	0 ANNUAL	PIT	5	
TMA	418728	5418393	0.02377	361	361	0 ANNUAL	PIT	5	
TMA	418728	5418593	0.02351	360	360	0 ANNUAL	PIT	5	
TMA	418728	5418793	0.02325	360	360	0 ANNUAL	PIT	5	
TMA	418728	5418993	0.02301	361	361	0 ANNUAL	PIT	5	
TMA	418728	5419193	0.0228	361	361	0 ANNUAL	PIT	5	
TMA	418528	5413593	0.02816	371	371	0 ANNUAL	PIT	5	
TMA	418528	5413793	0.02846	371	371	0 ANNUAL	PIT	5	
TMA	418528	5413993	0.02782	369	369	0 ANNUAL	PIT	5	
TMA	418528	5414193	0.02688	370.62	370.62	0 ANNUAL	PIT	5	
TMA	418528	5414393	0.02597	375.56	375.56	0 ANNUAL	PIT	5	
TMA	418528	5414593	0.02571	377.75	377.75	0 ANNUAL	PIT	5	
TMA	418528	5414793	0.02613	380	380	0 ANNUAL	PIT	5	
TMA	418528	5414993	0.02715	380	380	0 ANNUAL	PIT	5	
TMA	418528	5415193	0.02809	380	380	0 ANNUAL	PIT	5	
TMA	418528	5415393	0.02864	380	380	0 ANNUAL	PIT	5	
TMA	418528	5415593	0.02884	380	380	0 ANNUAL	PIT	5	
TMA	418528	5415793	0.02878	378.3	378.3	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	418528	5415993	0.02829	374.67	374.67	0 ANNUAL	PIT	5	
TMA	418528	5416193	0.02731	370	370	0 ANNUAL	PIT	5	
TMA	418528	5416393	0.02615	369	369	0 ANNUAL	PIT	5	
TMA	418528	5416593	0.02505	367.76	367.76	0 ANNUAL	PIT	5	
TMA	418528	5416793	0.02426	366	366	0 ANNUAL	PIT	5	
TMA	418528	5416993	0.02381	365	365	0 ANNUAL	PIT	5	
TMA	418528	5417193	0.02359	365	365	0 ANNUAL	PIT	5	
TMA	418528	5417393	0.02357	365	365	0 ANNUAL	PIT	5	
TMA	418528	5417593	0.02362	365	365	0 ANNUAL	PIT	5	
TMA	418528	5417793	0.02363	364.97	364.97	0 ANNUAL	PIT	5	
TMA	418528	5417993	0.02352	363	363	0 ANNUAL	PIT	5	
TMA	418528	5418193	0.02325	360	360	0 ANNUAL	PIT	5	
TMA	418528	5418393	0.02302	360	360	0 ANNUAL	PIT	5	
TMA	418528	5418593	0.02277	359	359	0 ANNUAL	PIT	5	
TMA	418528	5418793	0.02252	360	360	0 ANNUAL	PIT	5	
TMA	418528	5418993	0.02227	360	360	0 ANNUAL	PIT	5	
TMA	418528	5419193	0.02204	360	360	0 ANNUAL	PIT	5	
TMA	418328	5413593	0.02649	370	370	0 ANNUAL	PIT	5	
TMA	418328	5413793	0.02717	367.98	367.98	0 ANNUAL	PIT	5	
TMA	418328	5413993	0.02703	369.86	369.86	0 ANNUAL	PIT	5	
TMA	418328	5414193	0.02618	373.04	373.04	0 ANNUAL	PIT	5	
TMA	418328	5414393	0.02501	380	380	0 ANNUAL	PIT	5	
TMA	418328	5414593	0.02454	378.35	378.35	0 ANNUAL	PIT	5	
TMA	418328	5414793	0.02474	377	377	0 ANNUAL	PIT	5	
TMA	418328	5414993	0.02547	377	377	0 ANNUAL	PIT	5	
TMA	418328	5415193	0.02639	378	378	0 ANNUAL	PIT	5	
TMA	418328	5415393	0.02709	380	380	0 ANNUAL	PIT	5	
TMA	418328	5415593	0.02751	380	380	0 ANNUAL	PIT	5	
TMA	418328	5415793	0.02762	380	380	0 ANNUAL	PIT	5	
TMA	418328	5415993	0.02752	377	377	0 ANNUAL	PIT	5	
TMA	418328	5416193	0.02695	373.16	373.16	0 ANNUAL	PIT	5	
TMA	418328	5416393	0.02598	370	370	0 ANNUAL	PIT	5	
TMA	418328	5416593	0.02488	367.89	367.89	0 ANNUAL	PIT	5	
TMA	418328	5416793	0.02394	365	365	0 ANNUAL	PIT	5	
TMA	418328	5416993	0.02326	364	364	0 ANNUAL	PIT	5	
TMA	418328	5417193	0.0229	363	363	0 ANNUAL	PIT	5	
TMA	418328	5417393	0.0227	363	363	0 ANNUAL	PIT	5	
TMA	418328	5417593	0.02266	362.8	362.8	0 ANNUAL	PIT	5	
TMA	418328	5417793	0.02268	362	362	0 ANNUAL	PIT	5	
TMA	418328	5417993	0.02263	361.94	361.94	0 ANNUAL	PIT	5	
TMA	418328	5418193	0.02247	361	361	0 ANNUAL	PIT	5	
TMA	418328	5418393	0.02228	360	360	0 ANNUAL	PIT	5	
TMA	418328	5418593	0.02207	359	359	0 ANNUAL	PIT	5	
TMA	418328	5418793	0.02184	359	359	0 ANNUAL	PIT	5	
TMA	418328	5418993	0.0216	359.74	359.74	0 ANNUAL	PIT	5	
TMA	418328	5419193	0.0213	362.09	362.09	0 ANNUAL	PIT	5	
TMA	418128	5413593	0.02483	366	366	0 ANNUAL	PIT	5	
TMA	418128	5413793	0.02578	366.1	366.1	0 ANNUAL	PIT	5	
TMA	418128	5413993	0.02611	369	369	0 ANNUAL	PIT	5	
TMA	418128	5414193	0.02559	371	371	0 ANNUAL	PIT	5	
TMA	418128	5414393	0.02468	373	373	0 ANNUAL	PIT	5	
TMA	418128	5414593	0.0239	374.6	374.6	0 ANNUAL	PIT	5	
TMA	418128	5414793	0.02347	378.04	378.04	0 ANNUAL	PIT	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	418128	5414993	0.0237	380	380	0 ANNUAL	PIT	5	
TMA	418128	5415193	0.02461	379	379	0 ANNUAL	PIT	5	
TMA	418128	5415393	0.02549	380	380	0 ANNUAL	PIT	5	
TMA	418128	5415593	0.02609	381	381	0 ANNUAL	PIT	5	
TMA	418128	5415793	0.02643	380	380	0 ANNUAL	PIT	5	
TMA	418128	5415993	0.02657	376	376	0 ANNUAL	PIT	5	
TMA	418128	5416193	0.02631	372.29	372.29	0 ANNUAL	PIT	5	
TMA	418128	5416393	0.02566	370	370	0 ANNUAL	PIT	5	
TMA	418128	5416593	0.0247	367.02	367.02	0 ANNUAL	PIT	5	
TMA	418128	5416793	0.02371	364	364	0 ANNUAL	PIT	5	
TMA	418128	5416993	0.02295	362	362	0 ANNUAL	PIT	5	
TMA	418128	5417193	0.02236	362	362	0 ANNUAL	PIT	5	
TMA	418128	5417393	0.02191	363	363	0 ANNUAL	PIT	5	
TMA	418128	5417593	0.02181	362	362	0 ANNUAL	PIT	5	
TMA	418128	5417793	0.02196	360	360	0 ANNUAL	PIT	5	
TMA	418128	5417993	0.02184	359.79	359.79	0 ANNUAL	PIT	5	
TMA	418128	5418193	0.02172	359.6	359.6	0 ANNUAL	PIT	5	
TMA	418128	5418393	0.02156	360	360	0 ANNUAL	PIT	5	
TMA	418128	5418593	0.02138	360	360	0 ANNUAL	PIT	5	
TMA	418128	5418793	0.02118	359.96	359.96	0 ANNUAL	PIT	5	
TMA	418128	5418993	0.02096	359.34	359.34	0 ANNUAL	PIT	5	
TMA	418128	5419193	0.02073	360	360	0 ANNUAL	PIT	5	
TMA	417928	5411193	0.02184	350	350	0 ANNUAL	PIT	5	
TMA	417928	5411393	0.02157	352.36	352.36	0 ANNUAL	PIT	5	
TMA	417928	5411593	0.02161	357	357	0 ANNUAL	PIT	5	
TMA	417928	5411793	0.02176	360.88	360.88	0 ANNUAL	PIT	5	
TMA	417928	5411993	0.02179	363	363	0 ANNUAL	PIT	5	
TMA	417928	5412193	0.02188	367.65	367.65	0 ANNUAL	PIT	5	
TMA	417928	5412393	0.02225	370	370	0 ANNUAL	PIT	5	
TMA	417928	5412593	0.02222	370	370	0 ANNUAL	PIT	5	
TMA	417928	5412793	0.02169	368.14	368.14	0 ANNUAL	PIT	5	
TMA	417928	5412993	0.0214	364	364	0 ANNUAL	PIT	5	
TMA	417928	5413193	0.02169	362	362	0 ANNUAL	PIT	5	
TMA	417928	5413393	0.02231	363	363	0 ANNUAL	PIT	5	
TMA	417928	5413593	0.02331	364.34	364.34	0 ANNUAL	PIT	5	
TMA	417928	5413793	0.02438	366	366	0 ANNUAL	PIT	5	
TMA	417928	5413993	0.02504	368.34	368.34	0 ANNUAL	PIT	5	
TMA	417928	5414193	0.02491	370	370	0 ANNUAL	PIT	5	
TMA	417928	5414393	0.02414	374	374	0 ANNUAL	PIT	5	
TMA	417928	5414593	0.02315	378.51	378.51	0 ANNUAL	PIT	5	
TMA	417928	5414793	0.02249	380.03	380.03	0 ANNUAL	PIT	5	
TMA	417928	5414993	0.02236	381	381	0 ANNUAL	PIT	5	
TMA	417928	5415193	0.02297	380	380	0 ANNUAL	PIT	5	
TMA	417928	5415393	0.02387	380	380	0 ANNUAL	PIT	5	
TMA	417928	5415593	0.02472	379.01	379.01	0 ANNUAL	PIT	5	
TMA	417928	5415793	0.02524	378	378	0 ANNUAL	PIT	5	
TMA	417928	5415993	0.0255	376	376	0 ANNUAL	PIT	5	
TMA	417928	5416193	0.02549	373	373	0 ANNUAL	PIT	5	
TMA	417928	5416393	0.02515	370.83	370.83	0 ANNUAL	PIT	5	
TMA	417928	5416593	0.02439	366.14	366.14	0 ANNUAL	PIT	5	
TMA	417928	5416793	0.02333	360.51	360.51	0 ANNUAL	PIT	5	
TMA	417928	5416993	0.02267	360	360	0 ANNUAL	PIT	5	
TMA	417928	5417193	0.02189	362.89	362.89	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	417928	5417393	0.02109	366.73	366.73	0 ANNUAL	PIT	5	
TMA	417928	5417593	0.02083	364.97	364.97	0 ANNUAL	PIT	5	
TMA	417928	5417793	0.02118	360	360	0 ANNUAL	PIT	5	
TMA	417928	5417993	0.02107	358	358	0 ANNUAL	PIT	5	
TMA	417928	5418193	0.02097	358	358	0 ANNUAL	PIT	5	
TMA	417928	5418393	0.02085	358	358	0 ANNUAL	PIT	5	
TMA	417928	5418593	0.02072	357	357	0 ANNUAL	PIT	5	
TMA	417928	5418793	0.02054	358	358	0 ANNUAL	PIT	5	
TMA	417928	5418993	0.02035	359	359	0 ANNUAL	PIT	5	
TMA	417928	5419193	0.02014	360.05	360.05	0 ANNUAL	PIT	5	
TMA	417728	5411193	0.02102	350.67	350.67	0 ANNUAL	PIT	5	
TMA	417728	5411393	0.02073	355	355	0 ANNUAL	PIT	5	
TMA	417728	5411593	0.02071	358	358	0 ANNUAL	PIT	5	
TMA	417728	5411793	0.02072	364.92	368	0 ANNUAL	PIT	5	
TMA	417728	5411993	0.02056	370.95	370.95	0 ANNUAL	PIT	5	
TMA	417728	5412193	0.02075	371	371	0 ANNUAL	PIT	5	
TMA	417728	5412393	0.02128	370	370	0 ANNUAL	PIT	5	
TMA	417728	5412593	0.02141	368.99	368.99	0 ANNUAL	PIT	5	
TMA	417728	5412793	0.02101	368.26	368.26	0 ANNUAL	PIT	5	
TMA	417728	5412993	0.02053	367.08	367.08	0 ANNUAL	PIT	5	
TMA	417728	5413193	0.02086	361	361	0 ANNUAL	PIT	5	
TMA	417728	5413393	0.02107	363	363	0 ANNUAL	PIT	5	
TMA	417728	5413593	0.02191	364	364	0 ANNUAL	PIT	5	
TMA	417728	5413793	0.02296	365	365	0 ANNUAL	PIT	5	
TMA	417728	5413993	0.02383	367	367	0 ANNUAL	PIT	5	
TMA	417728	5414193	0.02411	369.12	369.12	0 ANNUAL	PIT	5	
TMA	417728	5414393	0.02364	373.75	373.75	0 ANNUAL	PIT	5	
TMA	417728	5414593	0.02267	379	379	0 ANNUAL	PIT	5	
TMA	417728	5414793	0.02183	381	381	0 ANNUAL	PIT	5	
TMA	417728	5414993	0.02142	381	381	0 ANNUAL	PIT	5	
TMA	417728	5415193	0.02164	380	380	0 ANNUAL	PIT	5	
TMA	417728	5415393	0.02246	377	377	0 ANNUAL	PIT	5	
TMA	417728	5415593	0.02334	375.41	375.41	0 ANNUAL	PIT	5	
TMA	417728	5415793	0.02402	374.72	374.72	0 ANNUAL	PIT	5	
TMA	417728	5415993	0.02441	373.61	373.61	0 ANNUAL	PIT	5	
TMA	417728	5416193	0.02456	371.69	371.69	0 ANNUAL	PIT	5	
TMA	417728	5416393	0.02443	369.13	369.13	0 ANNUAL	PIT	5	
TMA	417728	5416593	0.02387	364	364	0 ANNUAL	PIT	5	
TMA	417728	5416793	0.02294	360	360	0 ANNUAL	PIT	5	
TMA	417728	5416993	0.02239	362	362	0 ANNUAL	PIT	5	
TMA	417728	5417193	0.0216	366.63	366.63	0 ANNUAL	PIT	5	
TMA	417728	5417393	0.02069	370	370	0 ANNUAL	PIT	5	
TMA	417728	5417593	0.02042	363.08	363.08	0 ANNUAL	PIT	5	
TMA	417728	5417793	0.02051	358	358	0 ANNUAL	PIT	5	
TMA	417728	5417993	0.02034	357	357	0 ANNUAL	PIT	5	
TMA	417728	5418193	0.02024	357	357	0 ANNUAL	PIT	5	
TMA	417728	5418393	0.02015	356.12	356.12	0 ANNUAL	PIT	5	
TMA	417728	5418593	0.02005	356	356	0 ANNUAL	PIT	5	
TMA	417728	5418793	0.01991	357	357	0 ANNUAL	PIT	5	
TMA	417728	5418993	0.01974	360	360	0 ANNUAL	PIT	5	
TMA	417728	5419193	0.01956	360	360	0 ANNUAL	PIT	5	
TMA	417528	5411193	0.02025	350.96	350.96	0 ANNUAL	PIT	5	
TMA	417528	5411393	0.01992	358.01	358.01	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	417528	5411593	0.01973	363.74	363.74	0 ANNUAL	PIT	5	
TMA	417528	5411793	0.0199	372	372	0 ANNUAL	PIT	5	
TMA	417528	5411993	0.01978	370.99	370.99	0 ANNUAL	PIT	5	
TMA	417528	5412193	0.01994	369.04	369.04	0 ANNUAL	PIT	5	
TMA	417528	5412393	0.02034	370	370	0 ANNUAL	PIT	5	
TMA	417528	5412593	0.0206	368.09	368.09	0 ANNUAL	PIT	5	
TMA	417528	5412793	0.02038	369.26	369.26	0 ANNUAL	PIT	5	
TMA	417528	5412993	0.0198	372	372	0 ANNUAL	PIT	5	
TMA	417528	5413193	0.01995	360	360	0 ANNUAL	PIT	5	
TMA	417528	5413393	0.02009	361.45	361.45	0 ANNUAL	PIT	5	
TMA	417528	5413593	0.02068	363	363	0 ANNUAL	PIT	5	
TMA	417528	5413793	0.02161	365	365	0 ANNUAL	PIT	5	
TMA	417528	5413993	0.02258	366.22	366.22	0 ANNUAL	PIT	5	
TMA	417528	5414193	0.02316	368	368	0 ANNUAL	PIT	5	
TMA	417528	5414393	0.02305	370	370	0 ANNUAL	PIT	5	
TMA	417528	5414593	0.02236	374.26	374.26	0 ANNUAL	PIT	5	
TMA	417528	5414793	0.02147	377.96	377.96	0 ANNUAL	PIT	5	
TMA	417528	5414993	0.0208	380	380	0 ANNUAL	PIT	5	
TMA	417528	5415193	0.02062	379.84	379.84	0 ANNUAL	PIT	5	
TMA	417528	5415393	0.02112	377	377	0 ANNUAL	PIT	5	
TMA	417528	5415593	0.02196	374	374	0 ANNUAL	PIT	5	
TMA	417528	5415793	0.02273	371.94	371.94	0 ANNUAL	PIT	5	
TMA	417528	5415993	0.02328	370	370	0 ANNUAL	PIT	5	
TMA	417528	5416193	0.02356	369	369	0 ANNUAL	PIT	5	
TMA	417528	5416393	0.02355	365.03	365.03	0 ANNUAL	PIT	5	
TMA	417528	5416593	0.02297	361	361	0 ANNUAL	PIT	5	
TMA	417528	5416793	0.0227	361.24	361.24	0 ANNUAL	PIT	5	
TMA	417528	5416993	0.02234	368.53	368.53	0 ANNUAL	PIT	5	
TMA	417528	5417193	0.02149	366.5	366.5	0 ANNUAL	PIT	5	
TMA	417528	5417393	0.02072	361.07	361.07	0 ANNUAL	PIT	5	
TMA	417528	5417593	0.0203	358	358	0 ANNUAL	PIT	5	
TMA	417528	5417793	0.01994	357	357	0 ANNUAL	PIT	5	
TMA	417528	5417993	0.0197	356	356	0 ANNUAL	PIT	5	
TMA	417528	5418193	0.01955	356	356	0 ANNUAL	PIT	5	
TMA	417528	5418393	0.01945	355	355	0 ANNUAL	PIT	5	
TMA	417528	5418593	0.01937	355	355	0 ANNUAL	PIT	5	
TMA	417528	5418793	0.01928	355	355	0 ANNUAL	PIT	5	
TMA	417528	5418993	0.01915	358	358	0 ANNUAL	PIT	5	
TMA	417528	5419193	0.01899	360.85	360.85	0 ANNUAL	PIT	5	
TMA	417328	5411193	0.01953	350.35	350.35	0 ANNUAL	PIT	5	
TMA	417328	5411393	0.01919	355.98	355.98	0 ANNUAL	PIT	5	
TMA	417328	5411593	0.01892	365.62	365.62	0 ANNUAL	PIT	5	
TMA	417328	5411793	0.01915	370.42	370.42	0 ANNUAL	PIT	5	
TMA	417328	5411993	0.01914	367.31	367.31	0 ANNUAL	PIT	5	
TMA	417328	5412193	0.01934	364.03	364.03	0 ANNUAL	PIT	5	
TMA	417328	5412393	0.01949	368	368	0 ANNUAL	PIT	5	
TMA	417328	5412593	0.01975	363.72	363.72	0 ANNUAL	PIT	5	
TMA	417328	5412793	0.01971	367.13	367.13	0 ANNUAL	PIT	5	
TMA	417328	5412993	0.01927	367.96	367.96	0 ANNUAL	PIT	5	
TMA	417328	5413193	0.01915	360	360	0 ANNUAL	PIT	5	
TMA	417328	5413393	0.01931	360.28	360.28	0 ANNUAL	PIT	5	
TMA	417328	5413593	0.01954	363.32	363.32	0 ANNUAL	PIT	5	
TMA	417328	5413793	0.02027	367.31	367.31	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	417328	5413993	0.02133	370	370	0 ANNUAL	PIT	5	
TMA	417328	5414193	0.0222	370.92	370.92	0 ANNUAL	PIT	5	
TMA	417328	5414393	0.02238	371	371	0 ANNUAL	PIT	5	
TMA	417328	5414593	0.02193	373	373	0 ANNUAL	PIT	5	
TMA	417328	5414793	0.02113	375.88	375.88	0 ANNUAL	PIT	5	
TMA	417328	5414993	0.0204	377	377	0 ANNUAL	PIT	5	
TMA	417328	5415193	0.02003	375.97	375.97	0 ANNUAL	PIT	5	
TMA	417328	5415393	0.02021	373	373	0 ANNUAL	PIT	5	
TMA	417328	5415593	0.02077	371	371	0 ANNUAL	PIT	5	
TMA	417328	5415793	0.02146	370	370	0 ANNUAL	PIT	5	
TMA	417328	5415993	0.0221	368	368	0 ANNUAL	PIT	5	
TMA	417328	5416193	0.02251	366.12	366.12	0 ANNUAL	PIT	5	
TMA	417328	5416393	0.02265	363.16	363.16	0 ANNUAL	PIT	5	
TMA	417328	5416593	0.02234	361	361	0 ANNUAL	PIT	5	
TMA	417328	5416793	0.02226	362.06	362.06	0 ANNUAL	PIT	5	
TMA	417328	5416993	0.02195	365.53	365.53	0 ANNUAL	PIT	5	
TMA	417328	5417193	0.02115	361.11	361.11	0 ANNUAL	PIT	5	
TMA	417328	5417393	0.02046	358	358	0 ANNUAL	PIT	5	
TMA	417328	5417593	0.01993	357	357	0 ANNUAL	PIT	5	
TMA	417328	5417793	0.01949	356	356	0 ANNUAL	PIT	5	
TMA	417328	5417993	0.01916	356	356	0 ANNUAL	PIT	5	
TMA	417328	5418193	0.01893	356	356	0 ANNUAL	PIT	5	
TMA	417328	5418393	0.0188	356	356	0 ANNUAL	PIT	5	
TMA	417328	5418593	0.01871	355.03	355.03	0 ANNUAL	PIT	5	
TMA	417328	5418793	0.01864	354	354	0 ANNUAL	PIT	5	
TMA	417328	5418993	0.01854	360	360	0 ANNUAL	PIT	5	
TMA	417328	5419193	0.01848	363.72	363.72	0 ANNUAL	PIT	5	
TMA	417128	5411193	0.01888	355.22	355.22	0 ANNUAL	PIT	5	
TMA	417128	5411393	0.01848	360.89	360.89	0 ANNUAL	PIT	5	
TMA	417128	5411593	0.01819	365	365	0 ANNUAL	PIT	5	
TMA	417128	5411793	0.01839	362.92	362.92	0 ANNUAL	PIT	5	
TMA	417128	5411993	0.01862	360	360	0 ANNUAL	PIT	5	
TMA	417128	5412193	0.01862	362.97	362.97	0 ANNUAL	PIT	5	
TMA	417128	5412393	0.01882	363	363	0 ANNUAL	PIT	5	
TMA	417128	5412593	0.01897	360.19	360.19	0 ANNUAL	PIT	5	
TMA	417128	5412793	0.01884	359.75	359.75	0 ANNUAL	PIT	5	
TMA	417128	5412993	0.01862	359.15	359.15	0 ANNUAL	PIT	5	
TMA	417128	5413193	0.01844	359.43	359.43	0 ANNUAL	PIT	5	
TMA	417128	5413393	0.0183	362.2	362.2	0 ANNUAL	PIT	5	
TMA	417128	5413593	0.01842	365.9	365.9	0 ANNUAL	PIT	5	
TMA	417128	5413793	0.01902	369	369	0 ANNUAL	PIT	5	
TMA	417128	5413993	0.01992	375.91	375.91	0 ANNUAL	PIT	5	
TMA	417128	5414193	0.02102	380	380	0 ANNUAL	PIT	5	
TMA	417128	5414393	0.02165	377.2	377.2	0 ANNUAL	PIT	5	
TMA	417128	5414593	0.02145	376	376	0 ANNUAL	PIT	5	
TMA	417128	5414793	0.02078	375	375	0 ANNUAL	PIT	5	
TMA	417128	5414993	0.02006	374	374	0 ANNUAL	PIT	5	
TMA	417128	5415193	0.01957	372	372	0 ANNUAL	PIT	5	
TMA	417128	5415393	0.01947	370	370	0 ANNUAL	PIT	5	
TMA	417128	5415593	0.01974	368.94	368.94	0 ANNUAL	PIT	5	
TMA	417128	5415793	0.02033	367	367	0 ANNUAL	PIT	5	
TMA	417128	5415993	0.02095	365	365	0 ANNUAL	PIT	5	
TMA	417128	5416193	0.02144	363	363	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	417128	5416393	0.02162	361	361	0 ANNUAL	PIT	5	
TMA	417128	5416593	0.02178	361.66	361.66	0 ANNUAL	PIT	5	
TMA	417128	5416793	0.02148	359.46	359.46	0 ANNUAL	PIT	5	
TMA	417128	5416993	0.02115	359.27	359.27	0 ANNUAL	PIT	5	
TMA	417128	5417193	0.0207	358.77	358.77	0 ANNUAL	PIT	5	
TMA	417128	5417393	0.02018	357.12	357.12	0 ANNUAL	PIT	5	
TMA	417128	5417593	0.01963	357	357	0 ANNUAL	PIT	5	
TMA	417128	5417793	0.01913	357	357	0 ANNUAL	PIT	5	
TMA	417128	5417993	0.01872	357	357	0 ANNUAL	PIT	5	
TMA	417128	5418193	0.01841	357	357	0 ANNUAL	PIT	5	
TMA	417128	5418393	0.01821	358	358	0 ANNUAL	PIT	5	
TMA	417128	5418593	0.01809	358	358	0 ANNUAL	PIT	5	
TMA	417128	5418793	0.01802	354.68	354.68	0 ANNUAL	PIT	5	
TMA	417128	5418993	0.01794	360	360	0 ANNUAL	PIT	5	
TMA	417128	5419193	0.01786	361	361	0 ANNUAL	PIT	5	
TMA	416928	5411193	0.01824	355.85	355.85	0 ANNUAL	PIT	5	
TMA	416928	5411393	0.01785	357.64	357.64	0 ANNUAL	PIT	5	
TMA	416928	5411593	0.0177	358.44	358.44	0 ANNUAL	PIT	5	
TMA	416928	5411793	0.01776	358.25	358.25	0 ANNUAL	PIT	5	
TMA	416928	5411993	0.01791	360	360	0 ANNUAL	PIT	5	
TMA	416928	5412193	0.01809	358.63	358.63	0 ANNUAL	PIT	5	
TMA	416928	5412393	0.01825	356.3	356.3	0 ANNUAL	PIT	5	
TMA	416928	5412593	0.01829	362.28	362.28	0 ANNUAL	PIT	5	
TMA	416928	5412793	0.01835	363.95	363.95	0 ANNUAL	PIT	5	
TMA	416928	5412993	0.01807	361.2	361.2	0 ANNUAL	PIT	5	
TMA	416928	5413193	0.0178	361	361	0 ANNUAL	PIT	5	
TMA	416928	5413393	0.0175	365.02	365.02	0 ANNUAL	PIT	5	
TMA	416928	5413593	0.0174	370	370	0 ANNUAL	PIT	5	
TMA	416928	5413793	0.01778	374.04	374.04	0 ANNUAL	PIT	5	
TMA	416928	5413993	0.01848	381	381	0 ANNUAL	PIT	5	
TMA	416928	5414193	0.01962	384.64	384.64	0 ANNUAL	PIT	5	
TMA	416928	5414393	0.02068	382.22	382.22	0 ANNUAL	PIT	5	
TMA	416928	5414593	0.02087	379.55	379.55	0 ANNUAL	PIT	5	
TMA	416928	5414793	0.0204	376.84	376.84	0 ANNUAL	PIT	5	
TMA	416928	5414993	0.01973	372.86	372.86	0 ANNUAL	PIT	5	
TMA	416928	5415193	0.01916	370	370	0 ANNUAL	PIT	5	
TMA	416928	5415393	0.01884	368.59	368.59	0 ANNUAL	PIT	5	
TMA	416928	5415593	0.01891	367	367	0 ANNUAL	PIT	5	
TMA	416928	5415793	0.01933	365	365	0 ANNUAL	PIT	5	
TMA	416928	5415993	0.01989	363.11	363.11	0 ANNUAL	PIT	5	
TMA	416928	5416193	0.02039	361.96	361.96	0 ANNUAL	PIT	5	
TMA	416928	5416393	0.02073	360	360	0 ANNUAL	PIT	5	
TMA	416928	5416593	0.02088	359	359	0 ANNUAL	PIT	5	
TMA	416928	5416793	0.02085	359	359	0 ANNUAL	PIT	5	
TMA	416928	5416993	0.02066	358	358	0 ANNUAL	PIT	5	
TMA	416928	5417193	0.02032	358	358	0 ANNUAL	PIT	5	
TMA	416928	5417393	0.01988	357.16	357.16	0 ANNUAL	PIT	5	
TMA	416928	5417593	0.01936	358.41	358.41	0 ANNUAL	PIT	5	
TMA	416928	5417793	0.01884	358	358	0 ANNUAL	PIT	5	
TMA	416928	5417993	0.01837	358	358	0 ANNUAL	PIT	5	
TMA	416928	5418193	0.01798	359	359	0 ANNUAL	PIT	5	
TMA	416928	5418393	0.0177	359.94	359.94	0 ANNUAL	PIT	5	
TMA	416928	5418593	0.01752	360	360	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	416928	5418793	0.01743	356.81	356.81	0 ANNUAL	PIT	5	
TMA	416928	5418993	0.01737	354.87	354.87	0 ANNUAL	PIT	5	
TMA	416928	5419193	0.01731	357.48	357.48	0 ANNUAL	PIT	5	
TMA	416728	5411193	0.01763	351	351	0 ANNUAL	PIT	5	
TMA	416728	5411393	0.01725	355.04	355.04	0 ANNUAL	PIT	5	
TMA	416728	5411593	0.01707	353	353	0 ANNUAL	PIT	5	
TMA	416728	5411793	0.01712	354	354	0 ANNUAL	PIT	5	
TMA	416728	5411993	0.01726	354.98	354.98	0 ANNUAL	PIT	5	
TMA	416728	5412193	0.01742	355.03	355.03	0 ANNUAL	PIT	5	
TMA	416728	5412393	0.0172	367.51	370	0 ANNUAL	PIT	5	
TMA	416728	5412593	0.01751	369	369	0 ANNUAL	PIT	5	
TMA	416728	5412793	0.01777	365.99	365.99	0 ANNUAL	PIT	5	
TMA	416728	5412993	0.01757	363.34	363.34	0 ANNUAL	PIT	5	
TMA	416728	5413193	0.01724	363	363	0 ANNUAL	PIT	5	
TMA	416728	5413393	0.0169	365.94	365.94	0 ANNUAL	PIT	5	
TMA	416728	5413593	0.01673	369	369	0 ANNUAL	PIT	5	
TMA	416728	5413793	0.01689	373.37	373.37	0 ANNUAL	PIT	5	
TMA	416728	5413993	0.01737	380.83	380.83	0 ANNUAL	PIT	5	
TMA	416728	5414193	0.01822	387.57	387.57	0 ANNUAL	PIT	5	
TMA	416728	5414393	0.01943	388	388	0 ANNUAL	PIT	5	
TMA	416728	5414593	0.02015	383.26	383.26	0 ANNUAL	PIT	5	
TMA	416728	5414793	0.01998	378.48	378.48	0 ANNUAL	PIT	5	
TMA	416728	5414993	0.01941	371.99	371.99	0 ANNUAL	PIT	5	
TMA	416728	5415193	0.01879	369	369	0 ANNUAL	PIT	5	
TMA	416728	5415393	0.01834	367.9	367.9	0 ANNUAL	PIT	5	
TMA	416728	5415593	0.01822	366	366	0 ANNUAL	PIT	5	
TMA	416728	5415793	0.01845	364	364	0 ANNUAL	PIT	5	
TMA	416728	5415993	0.01892	362	362	0 ANNUAL	PIT	5	
TMA	416728	5416193	0.01947	360.02	360.02	0 ANNUAL	PIT	5	
TMA	416728	5416393	0.01982	360	360	0 ANNUAL	PIT	5	
TMA	416728	5416593	0.02006	360	360	0 ANNUAL	PIT	5	
TMA	416728	5416793	0.02015	360	360	0 ANNUAL	PIT	5	
TMA	416728	5416993	0.02009	360	360	0 ANNUAL	PIT	5	
TMA	416728	5417193	0.01987	360	360	0 ANNUAL	PIT	5	
TMA	416728	5417393	0.01952	361	361	0 ANNUAL	PIT	5	
TMA	416728	5417593	0.01908	360	360	0 ANNUAL	PIT	5	
TMA	416728	5417793	0.01859	359	359	0 ANNUAL	PIT	5	
TMA	416728	5417993	0.0181	359	359	0 ANNUAL	PIT	5	
TMA	416728	5418193	0.01766	360	360	0 ANNUAL	PIT	5	
TMA	416728	5418393	0.0173	360	360	0 ANNUAL	PIT	5	
TMA	416728	5418593	0.01706	359	359	0 ANNUAL	PIT	5	
TMA	416728	5418793	0.0169	355	355	0 ANNUAL	PIT	5	
TMA	416728	5418993	0.0168	353	353	0 ANNUAL	PIT	5	
TMA	416728	5419193	0.01675	353.31	353.31	0 ANNUAL	PIT	5	
TMA	416528	5411193	0.01672	366.33	366.33	0 ANNUAL	PIT	5	
TMA	416528	5411393	0.01635	364.28	364.28	0 ANNUAL	PIT	5	
TMA	416528	5411593	0.01647	359.9	359.9	0 ANNUAL	PIT	5	
TMA	416528	5411793	0.0165	354.24	354.24	0 ANNUAL	PIT	5	
TMA	416528	5411993	0.01663	356.49	356.49	0 ANNUAL	PIT	5	
TMA	416528	5412193	0.01676	361	361	0 ANNUAL	PIT	5	
TMA	416528	5412393	0.01644	370	370	0 ANNUAL	PIT	5	
TMA	416528	5412593	0.01679	369	369	0 ANNUAL	PIT	5	
TMA	416528	5412793	0.01715	368	368	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	416528	5412993	0.01711	365.46	365.46	0 ANNUAL	PIT	5	
TMA	416528	5413193	0.01677	364	364	0 ANNUAL	PIT	5	
TMA	416528	5413393	0.01641	366	366	0 ANNUAL	PIT	5	
TMA	416528	5413593	0.01615	368	368	0 ANNUAL	PIT	5	
TMA	416528	5413793	0.01606	375.08	375.08	0 ANNUAL	PIT	5	
TMA	416528	5413993	0.0162	385.64	385.64	0 ANNUAL	PIT	5	
TMA	416528	5414193	0.01693	390	390	0 ANNUAL	PIT	5	
TMA	416528	5414393	0.01826	388	388	0 ANNUAL	PIT	5	
TMA	416528	5414593	0.0193	384.38	384.38	0 ANNUAL	PIT	5	
TMA	416528	5414793	0.0195	378.5	378.5	0 ANNUAL	PIT	5	
TMA	416528	5414993	0.01905	369	369	0 ANNUAL	PIT	5	
TMA	416528	5415193	0.01847	368	368	0 ANNUAL	PIT	5	
TMA	416528	5415393	0.01796	366	366	0 ANNUAL	PIT	5	
TMA	416528	5415593	0.01767	365	365	0 ANNUAL	PIT	5	
TMA	416528	5415793	0.01768	364	364	0 ANNUAL	PIT	5	
TMA	416528	5415993	0.01801	362	362	0 ANNUAL	PIT	5	
TMA	416528	5416193	0.01855	360.31	360.31	0 ANNUAL	PIT	5	
TMA	416528	5416393	0.01891	360	360	0 ANNUAL	PIT	5	
TMA	416528	5416593	0.01922	360	360	0 ANNUAL	PIT	5	
TMA	416528	5416793	0.0194	361	361	0 ANNUAL	PIT	5	
TMA	416528	5416993	0.01946	361	361	0 ANNUAL	PIT	5	
TMA	416528	5417193	0.01936	361	361	0 ANNUAL	PIT	5	
TMA	416528	5417393	0.01913	360.5	360.5	0 ANNUAL	PIT	5	
TMA	416528	5417593	0.01878	360	360	0 ANNUAL	PIT	5	
TMA	416528	5417793	0.01835	359	359	0 ANNUAL	PIT	5	
TMA	416528	5417993	0.01787	360	360	0 ANNUAL	PIT	5	
TMA	416528	5418193	0.01741	360	360	0 ANNUAL	PIT	5	
TMA	416528	5418393	0.01699	361	361	0 ANNUAL	PIT	5	
TMA	416528	5418593	0.01668	358.7	358.7	0 ANNUAL	PIT	5	
TMA	416528	5418793	0.01646	355.78	355.78	0 ANNUAL	PIT	5	
TMA	416528	5418993	0.0163	353	353	0 ANNUAL	PIT	5	
TMA	416528	5419193	0.01622	353	353	0 ANNUAL	PIT	5	
TMA	416328	5411193	0.01617	368.17	368.17	0 ANNUAL	PIT	5	
TMA	416328	5411393	0.01597	361.26	361.26	0 ANNUAL	PIT	5	
TMA	416328	5411593	0.01593	358.01	358.01	0 ANNUAL	PIT	5	
TMA	416328	5411793	0.01591	358	358	0 ANNUAL	PIT	5	
TMA	416328	5411993	0.01601	361	361	0 ANNUAL	PIT	5	
TMA	416328	5412193	0.01604	364	364	0 ANNUAL	PIT	5	
TMA	416328	5412393	0.01597	367	367	0 ANNUAL	PIT	5	
TMA	416328	5412593	0.01612	369.11	369.11	0 ANNUAL	PIT	5	
TMA	416328	5412793	0.01651	368.22	368.22	0 ANNUAL	PIT	5	
TMA	416328	5412993	0.01659	366	366	0 ANNUAL	PIT	5	
TMA	416328	5413193	0.01636	366.02	366.02	0 ANNUAL	PIT	5	
TMA	416328	5413393	0.01596	367.39	367.39	0 ANNUAL	PIT	5	
TMA	416328	5413593	0.01561	369.24	369.24	0 ANNUAL	PIT	5	
TMA	416328	5413793	0.01541	374.95	374.95	0 ANNUAL	PIT	5	
TMA	416328	5413993	0.01552	381.93	381.93	0 ANNUAL	PIT	5	
TMA	416328	5414193	0.01614	385	385	0 ANNUAL	PIT	5	
TMA	416328	5414393	0.01725	384	384	0 ANNUAL	PIT	5	
TMA	416328	5414593	0.01835	382.63	382.63	0 ANNUAL	PIT	5	
TMA	416328	5414793	0.01883	372.81	372.81	0 ANNUAL	PIT	5	
TMA	416328	5414993	0.01863	369	369	0 ANNUAL	PIT	5	
TMA	416328	5415193	0.01815	367	367	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	416328	5415393	0.01761	366	366	0 ANNUAL	PIT	5	
TMA	416328	5415593	0.01721	365	365	0 ANNUAL	PIT	5	
TMA	416328	5415793	0.01709	363	363	0 ANNUAL	PIT	5	
TMA	416328	5415993	0.01722	362	362	0 ANNUAL	PIT	5	
TMA	416328	5416193	0.01751	362	362	0 ANNUAL	PIT	5	
TMA	416328	5416393	0.01792	361.61	361.61	0 ANNUAL	PIT	5	
TMA	416328	5416593	0.01832	362	362	0 ANNUAL	PIT	5	
TMA	416328	5416793	0.01866	363	363	0 ANNUAL	PIT	5	
TMA	416328	5416993	0.01886	361.8	361.8	0 ANNUAL	PIT	5	
TMA	416328	5417193	0.0188	360.19	360.19	0 ANNUAL	PIT	5	
TMA	416328	5417393	0.01868	359	359	0 ANNUAL	PIT	5	
TMA	416328	5417593	0.01843	360	360	0 ANNUAL	PIT	5	
TMA	416328	5417793	0.01837	364.57	364.57	0 ANNUAL	PIT	5	
TMA	416328	5417993	0.01796	367.07	367.07	0 ANNUAL	PIT	5	
TMA	416328	5418193	0.01719	360.1	360.1	0 ANNUAL	PIT	5	
TMA	416328	5418393	0.01676	359	359	0 ANNUAL	PIT	5	
TMA	416328	5418593	0.01638	359.74	359.74	0 ANNUAL	PIT	5	
TMA	416328	5418793	0.01607	361	361	0 ANNUAL	PIT	5	
TMA	416328	5418993	0.01587	358.56	358.56	0 ANNUAL	PIT	5	
TMA	416328	5419193	0.01575	356	356	0 ANNUAL	PIT	5	
TMA	416128	5411193	0.01581	363.71	363.71	0 ANNUAL	PIT	5	
TMA	416128	5411393	0.01563	360.24	360.24	0 ANNUAL	PIT	5	
TMA	416128	5411593	0.0154	359	359	0 ANNUAL	PIT	5	
TMA	416128	5411793	0.01536	359.09	359.09	0 ANNUAL	PIT	5	
TMA	416128	5411993	0.01542	361.11	361.11	0 ANNUAL	PIT	5	
TMA	416128	5412193	0.01549	366	366	0 ANNUAL	PIT	5	
TMA	416128	5412393	0.01533	369.8	369.8	0 ANNUAL	PIT	5	
TMA	416128	5412593	0.01545	370	370	0 ANNUAL	PIT	5	
TMA	416128	5412793	0.01588	368	368	0 ANNUAL	PIT	5	
TMA	416128	5412993	0.0161	368	368	0 ANNUAL	PIT	5	
TMA	416128	5413193	0.016	369.43	369.43	0 ANNUAL	PIT	5	
TMA	416128	5413393	0.01558	370	370	0 ANNUAL	PIT	5	
TMA	416128	5413593	0.01514	371.19	371.19	0 ANNUAL	PIT	5	
TMA	416128	5413793	0.01478	377.82	377.82	0 ANNUAL	PIT	5	
TMA	416128	5413993	0.01485	381	381	0 ANNUAL	PIT	5	
TMA	416128	5414193	0.01541	380.55	380.55	0 ANNUAL	PIT	5	
TMA	416128	5414393	0.01635	379	379	0 ANNUAL	PIT	5	
TMA	416128	5414593	0.01742	376.1	376.1	0 ANNUAL	PIT	5	
TMA	416128	5414793	0.01805	370.01	370.01	0 ANNUAL	PIT	5	
TMA	416128	5414993	0.01812	368	368	0 ANNUAL	PIT	5	
TMA	416128	5415193	0.01782	367.74	367.74	0 ANNUAL	PIT	5	
TMA	416128	5415393	0.01731	367	367	0 ANNUAL	PIT	5	
TMA	416128	5415593	0.01682	366	366	0 ANNUAL	PIT	5	
TMA	416128	5415793	0.01651	365	365	0 ANNUAL	PIT	5	
TMA	416128	5415993	0.01642	365	365	0 ANNUAL	PIT	5	
TMA	416128	5416193	0.0166	364.42	364.42	0 ANNUAL	PIT	5	
TMA	416128	5416393	0.01694	364.58	364.58	0 ANNUAL	PIT	5	
TMA	416128	5416593	0.01742	363.06	363.06	0 ANNUAL	PIT	5	
TMA	416128	5416793	0.01783	361.67	361.67	0 ANNUAL	PIT	5	
TMA	416128	5416993	0.01808	360	360	0 ANNUAL	PIT	5	
TMA	416128	5417193	0.01819	359	359	0 ANNUAL	PIT	5	
TMA	416128	5417393	0.01817	359.14	359.14	0 ANNUAL	PIT	5	
TMA	416128	5417593	0.01833	367.67	367.67	0 ANNUAL	PIT	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	416128	5417793	0.01817	370	370	0 ANNUAL	PIT	5	
TMA	416128	5417993	0.01774	366	366	0 ANNUAL	PIT	5	
TMA	416128	5418193	0.01699	360.39	360.39	0 ANNUAL	PIT	5	
TMA	416128	5418393	0.01661	361.24	361.24	0 ANNUAL	PIT	5	
TMA	416128	5418593	0.01612	362	362	0 ANNUAL	PIT	5	
TMA	416128	5418793	0.01567	362	362	0 ANNUAL	PIT	5	
TMA	416128	5418993	0.01551	360	360	0 ANNUAL	PIT	5	
TMA	416128	5419193	0.01533	358.06	358.06	0 ANNUAL	PIT	5	
TMA	416128	5419693	0.01512	352	352	0 ANNUAL	PIT	5	
TMA	416128	5420193	0.01502	352	352	0 ANNUAL	PIT	5	
TMA	416128	5420693	0.01484	355.74	355.74	0 ANNUAL	PIT	5	
TMA	416128	5421193	0.01454	354.65	354.65	0 ANNUAL	PIT	5	
TMA	416628	5419693	0.01635	354	354	0 ANNUAL	PIT	5	
TMA	416628	5420193	0.01611	357.66	357.66	0 ANNUAL	PIT	5	
TMA	416628	5420693	0.01576	360	360	0 ANNUAL	PIT	5	
TMA	416628	5421193	0.01538	361	361	0 ANNUAL	PIT	5	
TMA	417128	5419693	0.01758	359	359	0 ANNUAL	PIT	5	
TMA	417128	5420193	0.01719	358	358	0 ANNUAL	PIT	5	
TMA	417128	5420693	0.01676	359	359	0 ANNUAL	PIT	5	
TMA	417128	5421193	0.0164	360	360	0 ANNUAL	PIT	5	
TMA	417628	5419693	0.01887	369.5	369.5	0 ANNUAL	PIT	5	
TMA	417628	5420193	0.0182	364.99	364.99	0 ANNUAL	PIT	5	
TMA	417628	5420693	0.01785	361.33	361.33	0 ANNUAL	PIT	5	
TMA	417628	5421193	0.01772	360	360	0 ANNUAL	PIT	5	
TMA	418128	5419693	0.01987	370	370	0 ANNUAL	PIT	5	
TMA	418128	5420193	0.01924	372	372	0 ANNUAL	PIT	5	
TMA	418128	5420693	0.01935	370	370	0 ANNUAL	PIT	5	
TMA	418128	5421193	0.01935	363.83	363.83	0 ANNUAL	PIT	5	
TMA	418628	5419693	0.0216	368.21	368.21	0 ANNUAL	PIT	5	
TMA	418628	5420193	0.02164	371	371	0 ANNUAL	PIT	5	
TMA	418628	5420693	0.02154	371	371	0 ANNUAL	PIT	5	
TMA	418628	5421193	0.02066	367.11	367.11	0 ANNUAL	PIT	5	
TMA	419128	5419693	0.02426	366.45	366.45	0 ANNUAL	PIT	5	
TMA	419128	5420193	0.02377	371	371	0 ANNUAL	PIT	5	
TMA	419128	5420693	0.02246	368.28	368.28	0 ANNUAL	PIT	5	
TMA	419128	5421193	0.02087	360.95	360.95	0 ANNUAL	PIT	5	
TMA	419628	5419693	0.02606	366	366	0 ANNUAL	PIT	5	
TMA	419628	5420193	0.02437	368	368	0 ANNUAL	PIT	5	
TMA	419628	5420693	0.0225	370	370	0 ANNUAL	PIT	5	
TMA	419628	5421193	0.02133	359.49	359.49	0 ANNUAL	PIT	5	
TMA	420128	5419693	0.02646	368	368	0 ANNUAL	PIT	5	
TMA	420128	5420193	0.02432	369	369	0 ANNUAL	PIT	5	
TMA	420128	5420693	0.02287	365.82	365.82	0 ANNUAL	PIT	5	
TMA	420128	5421193	0.02217	362	362	0 ANNUAL	PIT	5	
TMA	420628	5419693	0.02659	370.62	370.62	0 ANNUAL	PIT	5	
TMA	420628	5420193	0.02539	369.51	369.51	0 ANNUAL	PIT	5	
TMA	420628	5420693	0.02498	365	365	0 ANNUAL	PIT	5	
TMA	420628	5421193	0.02442	361	361	0 ANNUAL	PIT	5	
TMA	421128	5419693	0.02913	374	374	0 ANNUAL	PIT	5	
TMA	421128	5420193	0.02873	363	363	0 ANNUAL	PIT	5	
TMA	421128	5420693	0.02803	370	370	0 ANNUAL	PIT	5	
TMA	421128	5421193	0.02609	360	360	0 ANNUAL	PIT	5	
TMA	421628	5419693	0.03306	369.55	369.55	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421628	5420193	0.03103	367	367	0 ANNUAL	PIT	5	
TMA	421628	5420693	0.02879	371	371	0 ANNUAL	PIT	5	
TMA	421628	5421193	0.02647	361	361	0 ANNUAL	PIT	5	
TMA	422128	5419693	0.03359	368.55	368.55	0 ANNUAL	PIT	5	
TMA	422128	5420193	0.03084	363	363	0 ANNUAL	PIT	5	
TMA	422128	5420693	0.02857	361.38	361.38	0 ANNUAL	PIT	5	
TMA	422128	5421193	0.02674	357.99	357.99	0 ANNUAL	PIT	5	
TMA	422628	5419693	0.03343	367.99	367.99	0 ANNUAL	PIT	5	
TMA	422628	5420193	0.03092	370	370	0 ANNUAL	PIT	5	
TMA	422628	5420693	0.0288	370.78	370.78	0 ANNUAL	PIT	5	
TMA	422628	5421193	0.02695	369.35	369.35	0 ANNUAL	PIT	5	
TMA	423128	5419693	0.03403	372.11	372.11	0 ANNUAL	PIT	5	
TMA	423128	5420193	0.03141	374	374	0 ANNUAL	PIT	5	
TMA	423128	5420693	0.029	376.83	376.83	0 ANNUAL	PIT	5	
TMA	423128	5421193	0.0268	379	379	0 ANNUAL	PIT	5	
TMA	423628	5419693	0.0343	370	370	0 ANNUAL	PIT	5	
TMA	423628	5420193	0.03166	371.99	371.99	0 ANNUAL	PIT	5	
TMA	423628	5420693	0.02917	380	380	0 ANNUAL	PIT	5	
TMA	423628	5421193	0.02745	378	378	0 ANNUAL	PIT	5	
TMA	424128	5419693	0.0357	376.22	378	0 ANNUAL	PIT	5	
TMA	424128	5420193	0.0331	379.73	379.73	0 ANNUAL	PIT	5	
TMA	424128	5420693	0.03109	366	366	0 ANNUAL	PIT	5	
TMA	424128	5421193	0.02893	376	376	0 ANNUAL	PIT	5	
TMA	424628	5419693	0.03697	375.78	375.78	0 ANNUAL	PIT	5	
TMA	424628	5420193	0.0339	380.21	380.21	0 ANNUAL	PIT	5	
TMA	424628	5420693	0.03139	380	380	0 ANNUAL	PIT	5	
TMA	424628	5421193	0.02945	370.14	370.14	0 ANNUAL	PIT	5	
TMA	425128	5419693	0.03694	376	376	0 ANNUAL	PIT	5	
TMA	425128	5420193	0.0339	378.67	378.67	0 ANNUAL	PIT	5	
TMA	425128	5420693	0.03131	380	380	0 ANNUAL	PIT	5	
TMA	425128	5421193	0.02951	370	370	0 ANNUAL	PIT	5	
TMA	425628	5419693	0.03863	373.64	373.64	0 ANNUAL	PIT	5	
TMA	425628	5420193	0.03565	372	372	0 ANNUAL	PIT	5	
TMA	425628	5420693	0.03294	378	378	0 ANNUAL	PIT	5	
TMA	425628	5421193	0.03061	379.09	379.09	0 ANNUAL	PIT	5	
TMA	426128	5419693	0.03977	370.46	370.46	0 ANNUAL	PIT	5	
TMA	426128	5420193	0.03667	369.35	369.35	0 ANNUAL	PIT	5	
TMA	426128	5420693	0.03375	378	378	0 ANNUAL	PIT	5	
TMA	426128	5421193	0.03133	379	379	0 ANNUAL	PIT	5	
TMA	426628	5419693	0.03928	368.07	368.07	0 ANNUAL	PIT	5	
TMA	426628	5420193	0.03625	367.52	367.52	0 ANNUAL	PIT	5	
TMA	426628	5420693	0.03351	369	369	0 ANNUAL	PIT	5	
TMA	426628	5421193	0.03108	371.25	371.25	0 ANNUAL	PIT	5	
TMA	427128	5419693	0.03882	373.21	373.21	0 ANNUAL	PIT	5	
TMA	427128	5420193	0.03583	370.37	370.37	0 ANNUAL	PIT	5	
TMA	427128	5420693	0.03313	374.18	381	0 ANNUAL	PIT	5	
TMA	427128	5421193	0.03065	360	381	0 ANNUAL	PIT	5	
TMA	427628	5419693	0.03572	370.22	370.22	0 ANNUAL	PIT	5	
TMA	427628	5420193	0.03361	383.07	383.07	0 ANNUAL	PIT	5	
TMA	427628	5420693	0.03168	366.33	366.33	0 ANNUAL	PIT	5	
TMA	427628	5421193	0.02926	358	358	0 ANNUAL	PIT	5	
TMA	428128	5419693	0.03232	363.07	363.07	0 ANNUAL	PIT	5	
TMA	428128	5420193	0.02947	370.67	370.67	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	428128	5420693	0.02719	382.97	382.97	0 ANNUAL	PIT	5	
TMA	428128	5421193	0.02664	369.95	369.95	0 ANNUAL	PIT	5	
TMA	428628	5419693	0.03223	376.81	380	0 ANNUAL	PIT	5	
TMA	428628	5420193	0.02927	368.14	368.14	0 ANNUAL	PIT	5	
TMA	428628	5420693	0.02674	367.41	367.41	0 ANNUAL	PIT	5	
TMA	428628	5421193	0.02388	379.67	379.67	0 ANNUAL	PIT	5	
TMA	429128	5419693	0.03353	378	378	0 ANNUAL	PIT	5	
TMA	429128	5420193	0.03097	372.08	372.08	0 ANNUAL	PIT	5	
TMA	429128	5420693	0.02798	361	372	0 ANNUAL	PIT	5	
TMA	429128	5421193	0.02577	360.13	371	0 ANNUAL	PIT	5	
TMA	427628	5419193	0.03794	367.91	367.91	0 ANNUAL	PIT	5	
TMA	427628	5418693	0.03997	374.68	374.68	0 ANNUAL	PIT	5	
TMA	427628	5418193	0.04212	380	380	0 ANNUAL	PIT	5	
TMA	427628	5417693	0.04588	378	378	0 ANNUAL	PIT	5	
TMA	427628	5417193	0.05069	379.31	379.31	0 ANNUAL	PIT	5	
TMA	427628	5416693	0.05746	381	381	0 ANNUAL	PIT	5	
TMA	427628	5416193	0.06689	380	380	0 ANNUAL	PIT	5	
TMA	427628	5415693	0.07822	380	380	0 ANNUAL	PIT	5	
TMA	427628	5415193	0.09101	381	381	0 ANNUAL	PIT	5	
TMA	427628	5414693	0.1035	384.81	384.81	0 ANNUAL	PIT	5	
TMA	427628	5414193	0.12118	387	387	0 ANNUAL	PIT	5	
TMA	427628	5407693	0.18311	363	363	0 ANNUAL	PIT	5	
TMA	427628	5407193	0.13965	356.83	356.83	0 ANNUAL	PIT	5	
TMA	427628	5406693	0.10714	360.9	360.9	0 ANNUAL	PIT	5	
TMA	427628	5406193	0.08294	372.99	372.99	0 ANNUAL	PIT	5	
TMA	428128	5419193	0.03383	374	374	0 ANNUAL	PIT	5	
TMA	428128	5418693	0.03735	375	375	0 ANNUAL	PIT	5	
TMA	428128	5418193	0.04171	380	380	0 ANNUAL	PIT	5	
TMA	428128	5417693	0.04752	379	379	0 ANNUAL	PIT	5	
TMA	428128	5417193	0.05401	378	378	0 ANNUAL	PIT	5	
TMA	428128	5416693	0.06113	376	376	0 ANNUAL	PIT	5	
TMA	428128	5416193	0.06858	376	376	0 ANNUAL	PIT	5	
TMA	428128	5415693	0.07672	378	378	0 ANNUAL	PIT	5	
TMA	428128	5415193	0.08847	380	380	0 ANNUAL	PIT	5	
TMA	428128	5414693	0.10614	380	380	0 ANNUAL	PIT	5	
TMA	428128	5414193	0.10463	400.68	400.68	0 ANNUAL	PIT	5	
TMA	428128	5407193	0.13069	361.11	361.11	0 ANNUAL	PIT	5	
TMA	428128	5406693	0.10581	360.48	360.48	0 ANNUAL	PIT	5	
TMA	428128	5406193	0.08528	367.95	367.95	0 ANNUAL	PIT	5	
TMA	428628	5419193	0.03592	380	380	0 ANNUAL	PIT	5	
TMA	428628	5418693	0.03994	377	377	0 ANNUAL	PIT	5	
TMA	428628	5418193	0.04392	379	379	0 ANNUAL	PIT	5	
TMA	428628	5417693	0.04819	378.24	378.24	0 ANNUAL	PIT	5	
TMA	428628	5417193	0.05246	380	380	0 ANNUAL	PIT	5	
TMA	428628	5416693	0.05845	376	376	0 ANNUAL	PIT	5	
TMA	428628	5416193	0.06709	374	374	0 ANNUAL	PIT	5	
TMA	428628	5415693	0.07859	376	376	0 ANNUAL	PIT	5	
TMA	428628	5415193	0.08778	385.89	408	0 ANNUAL	PIT	5	
TMA	428628	5414693	0.08696	397.09	397.09	0 ANNUAL	PIT	5	
TMA	428628	5414193	0.0882	400.52	410	0 ANNUAL	PIT	5	
TMA	428628	5407193	0.11189	353	353	0 ANNUAL	PIT	5	
TMA	428628	5406693	0.09865	362	362	0 ANNUAL	PIT	5	
TMA	428628	5406193	0.08315	362	362	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	429128	5419193	0.03622	377.26	377.26	0 ANNUAL	PIT	5	
TMA	429128	5418693	0.03897	379	379	0 ANNUAL	PIT	5	
TMA	429128	5418193	0.04189	379.95	379.95	0 ANNUAL	PIT	5	
TMA	429128	5417693	0.04573	379	379	0 ANNUAL	PIT	5	
TMA	429128	5417193	0.0522	375	375	0 ANNUAL	PIT	5	
TMA	429128	5416693	0.06074	373	373	0 ANNUAL	PIT	5	
TMA	429128	5416193	0.06892	373	373	0 ANNUAL	PIT	5	
TMA	429128	5415693	0.07358	379.36	400	0 ANNUAL	PIT	5	
TMA	429128	5413193	0.08694	390	390	0 ANNUAL	PIT	5	
TMA	429128	5412693	0.08102	398.59	398.59	0 ANNUAL	PIT	5	
TMA	429128	5408693	0.14329	389.01	389.01	0 ANNUAL	PIT	5	
TMA	429128	5407193	0.09546	355	355	0 ANNUAL	PIT	5	
TMA	429128	5406693	0.08536	358	358	0 ANNUAL	PIT	5	
TMA	429128	5406193	0.07709	360	360	0 ANNUAL	PIT	5	
TMA	427128	5407693	0.19135	350	350	0 ANNUAL	PIT	5	
TMA	427128	5407193	0.13712	360.73	360.73	0 ANNUAL	PIT	5	
TMA	427128	5406693	0.10268	364.08	364.08	0 ANNUAL	PIT	5	
TMA	427128	5406193	0.08001	369.47	383	0 ANNUAL	PIT	5	
TMA	426628	5407693	0.18356	360.15	360.15	0 ANNUAL	PIT	5	
TMA	426628	5407193	0.12962	370	370	0 ANNUAL	PIT	5	
TMA	426628	5406693	0.09495	379.68	379.68	0 ANNUAL	PIT	5	
TMA	426628	5406193	0.07727	370.4	370.4	0 ANNUAL	PIT	5	
TMA	426128	5407693	0.1545	380.31	380.31	0 ANNUAL	PIT	5	
TMA	426128	5407193	0.11832	370.02	370.02	0 ANNUAL	PIT	5	
TMA	426128	5406693	0.0866	378	378	0 ANNUAL	PIT	5	
TMA	426128	5406193	0.06318	390	390	0 ANNUAL	PIT	5	
TMA	425628	5407693	0.17786	361	361	0 ANNUAL	PIT	5	
TMA	425628	5407193	0.12905	366.13	366.13	0 ANNUAL	PIT	5	
TMA	425628	5406693	0.09519	378.76	378.76	0 ANNUAL	PIT	5	
TMA	425628	5406193	0.07453	382	382	0 ANNUAL	PIT	5	
TMA	425128	5406693	0.09971	373	373	0 ANNUAL	PIT	5	
TMA	425128	5406193	0.08009	377.62	377.62	0 ANNUAL	PIT	5	
TMA	424628	5406693	0.09107	367.47	367.47	0 ANNUAL	PIT	5	
TMA	424628	5406193	0.0747	370	370	0 ANNUAL	PIT	5	
TMA	424128	5407693	0.14533	360.97	360.97	0 ANNUAL	PIT	5	
TMA	424128	5407193	0.10812	366.8	366.8	0 ANNUAL	PIT	5	
TMA	424128	5406693	0.08324	365.76	365.76	0 ANNUAL	PIT	5	
TMA	424128	5406193	0.06548	378.74	378.74	0 ANNUAL	PIT	5	
TMA	423628	5407693	0.12254	359.97	359.97	0 ANNUAL	PIT	5	
TMA	423628	5407193	0.10382	367.85	367.85	0 ANNUAL	PIT	5	
TMA	423628	5406693	0.0837	362.95	362.95	0 ANNUAL	PIT	5	
TMA	423628	5406193	0.06618	363.21	363.21	0 ANNUAL	PIT	5	
TMA	423128	5406693	0.07735	359.65	359.65	0 ANNUAL	PIT	5	
TMA	423128	5406193	0.06637	361	361	0 ANNUAL	PIT	5	
TMA	422628	5407693	0.09897	359.48	359.48	0 ANNUAL	PIT	5	
TMA	422628	5407193	0.07888	360.02	360.02	0 ANNUAL	PIT	5	
TMA	422128	5407693	0.09045	359	359	0 ANNUAL	PIT	5	
TMA	422128	5407193	0.07371	358.4	358.4	0 ANNUAL	PIT	5	
TMA	422128	5406193	0.05217	360	360	0 ANNUAL	PIT	5	
TMA	421628	5407693	0.07878	360	360	0 ANNUAL	PIT	5	
TMA	421628	5407193	0.06934	360	360	0 ANNUAL	PIT	5	
TMA	420128	5406693	0.04734	347	347	0 ANNUAL	PIT	5	
TMA	419628	5406693	0.04208	348	348	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	419128	5407693	0.03524	343	343	0 ANNUAL	PIT	5	
TMA	419128	5407193	0.03659	345.2	345.2	0 ANNUAL	PIT	5	
TMA	419128	5406693	0.03704	348	348	0 ANNUAL	PIT	5	
TMA	419128	5406193	0.03684	349	349	0 ANNUAL	PIT	5	
TMA	418628	5407693	0.03092	342	342	0 ANNUAL	PIT	5	
TMA	418628	5407193	0.03217	344	344	0 ANNUAL	PIT	5	
TMA	418628	5406693	0.03273	342.29	342.29	0 ANNUAL	PIT	5	
TMA	418628	5406193	0.03297	343	343	0 ANNUAL	PIT	5	
TMA	418128	5407693	0.02762	341	341	0 ANNUAL	PIT	5	
TMA	418128	5407193	0.02837	342	342	0 ANNUAL	PIT	5	
TMA	418128	5406693	0.02923	342.64	342.64	0 ANNUAL	PIT	5	
TMA	418128	5406193	0.02946	343	343	0 ANNUAL	PIT	5	
TMA	417628	5407693	0.02512	340	340	0 ANNUAL	PIT	5	
TMA	417628	5407193	0.02517	341	341	0 ANNUAL	PIT	5	
TMA	417628	5406693	0.0262	343	343	0 ANNUAL	PIT	5	
TMA	417628	5406193	0.02654	345	345	0 ANNUAL	PIT	5	
TMA	417128	5407693	0.02316	340	340	0 ANNUAL	PIT	5	
TMA	417128	5407193	0.02257	341	341	0 ANNUAL	PIT	5	
TMA	417128	5406693	0.02351	343	343	0 ANNUAL	PIT	5	
TMA	417128	5406193	0.02405	345	345	0 ANNUAL	PIT	5	
TMA	416628	5407693	0.02151	340	340	0 ANNUAL	PIT	5	
TMA	416628	5407193	0.02052	341	341	0 ANNUAL	PIT	5	
TMA	416628	5406693	0.02114	343	343	0 ANNUAL	PIT	5	
TMA	416628	5406193	0.02186	345	345	0 ANNUAL	PIT	5	
TMA	416128	5407693	0.02002	340	340	0 ANNUAL	PIT	5	
TMA	416128	5407193	0.01893	341.05	341.05	0 ANNUAL	PIT	5	
TMA	416128	5406193	0.01989	346	346	0 ANNUAL	PIT	5	
TMA	415628	5406193	0.0181	346	346	0 ANNUAL	PIT	5	
TMA	415128	5406193	0.01648	344	344	0 ANNUAL	PIT	5	
TMA	414628	5406693	0.01486	340	340	0 ANNUAL	PIT	5	
TMA	414628	5406193	0.01505	341.26	341.26	0 ANNUAL	PIT	5	
TMA	414128	5406693	0.014	340	340	0 ANNUAL	PIT	5	
TMA	414128	5406193	0.01384	341	341	0 ANNUAL	PIT	5	
TMA	415628	5408193	0.01839	344	344	0 ANNUAL	PIT	5	
TMA	415628	5408693	0.01755	347	347	0 ANNUAL	PIT	5	
TMA	415628	5409193	0.01732	350	350	0 ANNUAL	PIT	5	
TMA	415628	5409693	0.01724	353.49	353.49	0 ANNUAL	PIT	5	
TMA	415628	5410193	0.01644	354.22	354.22	0 ANNUAL	PIT	5	
TMA	415628	5410693	0.01566	362.66	362.66	0 ANNUAL	PIT	5	
TMA	415628	5411193	0.01466	366	366	0 ANNUAL	PIT	5	
TMA	415628	5411693	0.01382	368.95	368.95	0 ANNUAL	PIT	5	
TMA	415628	5412193	0.01433	370	370	0 ANNUAL	PIT	5	
TMA	415628	5412693	0.01419	370.01	370.01	0 ANNUAL	PIT	5	
TMA	415628	5413193	0.01497	372.82	372.82	0 ANNUAL	PIT	5	
TMA	415628	5413693	0.01395	380	380	0 ANNUAL	PIT	5	
TMA	415628	5414193	0.01374	378	378	0 ANNUAL	PIT	5	
TMA	415628	5414693	0.01552	373.77	373.77	0 ANNUAL	PIT	5	
TMA	415628	5415193	0.01681	370	370	0 ANNUAL	PIT	5	
TMA	415628	5415693	0.0159	366	366	0 ANNUAL	PIT	5	
TMA	415628	5416193	0.01519	363	363	0 ANNUAL	PIT	5	
TMA	415628	5416693	0.01581	360	360	0 ANNUAL	PIT	5	
TMA	415628	5417193	0.01654	357	357	0 ANNUAL	PIT	5	
TMA	415628	5417693	0.01691	362.86	362.86	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	415628	5418193	0.01667	364.86	364.86	0 ANNUAL	PIT	5	
TMA	415628	5418693	0.01551	360.38	360.38	0 ANNUAL	PIT	5	
TMA	415628	5419193	0.01461	359	359	0 ANNUAL	PIT	5	
TMA	415628	5419693	0.01409	353.8	353.8	0 ANNUAL	PIT	5	
TMA	415628	5420193	0.01394	353.31	353.31	0 ANNUAL	PIT	5	
TMA	415628	5420693	0.01387	354	354	0 ANNUAL	PIT	5	
TMA	415628	5421193	0.01371	354	354	0 ANNUAL	PIT	5	
TMA	415128	5408193	0.01688	345	345	0 ANNUAL	PIT	5	
TMA	415128	5408693	0.01616	347	347	0 ANNUAL	PIT	5	
TMA	415128	5409193	0.01603	349	349	0 ANNUAL	PIT	5	
TMA	415128	5409693	0.01596	354.16	354.16	0 ANNUAL	PIT	5	
TMA	415128	5410193	0.01523	358	358	0 ANNUAL	PIT	5	
TMA	415128	5410693	0.01456	362	362	0 ANNUAL	PIT	5	
TMA	415128	5411193	0.01367	367	367	0 ANNUAL	PIT	5	
TMA	415128	5411693	0.01272	370	370	0 ANNUAL	PIT	5	
TMA	415128	5412193	0.01322	367	367	0 ANNUAL	PIT	5	
TMA	415128	5412693	0.01319	366	366	0 ANNUAL	PIT	5	
TMA	415128	5413193	0.01375	369	369	0 ANNUAL	PIT	5	
TMA	415128	5413693	0.01339	373	373	0 ANNUAL	PIT	5	
TMA	415128	5414193	0.01262	375	375	0 ANNUAL	PIT	5	
TMA	415128	5414693	0.01357	371	371	0 ANNUAL	PIT	5	
TMA	415128	5415193	0.0153	370	370	0 ANNUAL	PIT	5	
TMA	415128	5415693	0.01519	363	363	0 ANNUAL	PIT	5	
TMA	415128	5416193	0.01443	356.02	356.02	0 ANNUAL	PIT	5	
TMA	415128	5416693	0.0143	354	354	0 ANNUAL	PIT	5	
TMA	415128	5417193	0.01487	356	356	0 ANNUAL	PIT	5	
TMA	415128	5417693	0.01544	359	359	0 ANNUAL	PIT	5	
TMA	415128	5418193	0.01554	357.1	357.1	0 ANNUAL	PIT	5	
TMA	415128	5418693	0.01507	356	356	0 ANNUAL	PIT	5	
TMA	415128	5419193	0.01424	356	356	0 ANNUAL	PIT	5	
TMA	415128	5419693	0.01345	355	355	0 ANNUAL	PIT	5	
TMA	415128	5420193	0.01302	355	355	0 ANNUAL	PIT	5	
TMA	415128	5420693	0.01289	361	361	0 ANNUAL	PIT	5	
TMA	415128	5421193	0.01285	360	360	0 ANNUAL	PIT	5	
TMA	414628	5408193	0.01554	344	344	0 ANNUAL	PIT	5	
TMA	414628	5408693	0.01494	346.66	346.66	0 ANNUAL	PIT	5	
TMA	414628	5409193	0.01492	350	350	0 ANNUAL	PIT	5	
TMA	414628	5409693	0.01483	357	357	0 ANNUAL	PIT	5	
TMA	414628	5410193	0.01413	366	366	0 ANNUAL	PIT	5	
TMA	414628	5410693	0.01362	359	359	0 ANNUAL	PIT	5	
TMA	414628	5411193	0.01298	359	359	0 ANNUAL	PIT	5	
TMA	414628	5411693	0.01224	360	360	0 ANNUAL	PIT	5	
TMA	414628	5412193	0.01219	363	363	0 ANNUAL	PIT	5	
TMA	414628	5412693	0.01221	367	367	0 ANNUAL	PIT	5	
TMA	414628	5413193	0.01257	371	371	0 ANNUAL	PIT	5	
TMA	414628	5413693	0.01275	371	371	0 ANNUAL	PIT	5	
TMA	414628	5414193	0.0119	370	370	0 ANNUAL	PIT	5	
TMA	414628	5414693	0.01211	369.61	369.61	0 ANNUAL	PIT	5	
TMA	414628	5415193	0.01355	366.83	366.83	0 ANNUAL	PIT	5	
TMA	414628	5415693	0.0141	356.12	356.12	0 ANNUAL	PIT	5	
TMA	414628	5416193	0.0137	350	350	0 ANNUAL	PIT	5	
TMA	414628	5416693	0.01323	350	350	0 ANNUAL	PIT	5	
TMA	414628	5417193	0.0134	352	352	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	414628	5417693	0.014	353	353	0 ANNUAL	PIT	5	
TMA	414628	5418193	0.01444	354	354	0 ANNUAL	PIT	5	
TMA	414628	5418693	0.01439	355	355	0 ANNUAL	PIT	5	
TMA	414628	5419193	0.01388	356	356	0 ANNUAL	PIT	5	
TMA	414628	5419693	0.0131	358	358	0 ANNUAL	PIT	5	
TMA	414628	5420193	0.01242	358	358	0 ANNUAL	PIT	5	
TMA	414628	5420693	0.01205	360	360	0 ANNUAL	PIT	5	
TMA	414628	5421193	0.01198	360	360	0 ANNUAL	PIT	5	
TMA	414128	5408193	0.01437	344	344	0 ANNUAL	PIT	5	
TMA	414128	5408693	0.01387	347	347	0 ANNUAL	PIT	5	
TMA	414128	5409193	0.01392	350	350	0 ANNUAL	PIT	5	
TMA	414128	5409693	0.0138	361	361	0 ANNUAL	PIT	5	
TMA	414128	5410193	0.0132	359	359	0 ANNUAL	PIT	5	
TMA	414128	5410693	0.01273	357	357	0 ANNUAL	PIT	5	
TMA	414128	5411193	0.01199	370.5	370.5	0 ANNUAL	PIT	5	
TMA	414128	5411693	0.01125	364	364	0 ANNUAL	PIT	5	
TMA	414128	5412193	0.0113	362	362	0 ANNUAL	PIT	5	
TMA	414128	5412693	0.01143	367	367	0 ANNUAL	PIT	5	
TMA	414128	5413193	0.01155	368	368	0 ANNUAL	PIT	5	
TMA	414128	5413693	0.01204	370	370	0 ANNUAL	PIT	5	
TMA	414128	5414193	0.01133	367	367	0 ANNUAL	PIT	5	
TMA	414128	5414693	0.0112	363	363	0 ANNUAL	PIT	5	
TMA	414128	5415193	0.01215	358.06	358.06	0 ANNUAL	PIT	5	
TMA	414128	5415693	0.01301	350	350	0 ANNUAL	PIT	5	
TMA	414128	5416193	0.01305	350	350	0 ANNUAL	PIT	5	
TMA	414128	5416693	0.01252	350	350	0 ANNUAL	PIT	5	
TMA	414128	5417193	0.01229	351	351	0 ANNUAL	PIT	5	
TMA	414128	5417693	0.01266	353.76	353.76	0 ANNUAL	PIT	5	
TMA	414128	5418193	0.01322	355	355	0 ANNUAL	PIT	5	
TMA	414128	5418693	0.01351	357	357	0 ANNUAL	PIT	5	
TMA	414128	5419193	0.01335	358	358	0 ANNUAL	PIT	5	
TMA	414128	5419693	0.01281	359	359	0 ANNUAL	PIT	5	
TMA	414128	5420193	0.0121	359	359	0 ANNUAL	PIT	5	
TMA	414128	5420693	0.01151	360	360	0 ANNUAL	PIT	5	
TMA	414128	5421193	0.01122	360	360	0 ANNUAL	PIT	5	
TMA	414128	5422027	0.01116	360	360	0 ANNUAL	PIT	5	
TMA	414128	5422860	0.011	360	360	0 ANNUAL	PIT	5	
TMA	414128	5423693	0.01067	360	360	0 ANNUAL	PIT	5	
TMA	415100	5422027	0.01252	361	361	0 ANNUAL	PIT	5	
TMA	415100	5422860	0.0121	360	360	0 ANNUAL	PIT	5	
TMA	415100	5423693	0.01172	357.11	357.11	0 ANNUAL	PIT	5	
TMA	416072	5422027	0.01389	349	349	0 ANNUAL	PIT	5	
TMA	416072	5422860	0.01349	350	350	0 ANNUAL	PIT	5	
TMA	416072	5423693	0.01331	351.91	351.91	0 ANNUAL	PIT	5	
TMA	417045	5422027	0.01584	349	349	0 ANNUAL	PIT	5	
TMA	417045	5422860	0.0155	354.82	354.82	0 ANNUAL	PIT	5	
TMA	417045	5423693	0.01493	364.19	364.19	0 ANNUAL	PIT	5	
TMA	418017	5422027	0.01794	343.69	351	0 ANNUAL	PIT	5	
TMA	418017	5422860	0.01671	363.82	363.82	0 ANNUAL	PIT	5	
TMA	418017	5423693	0.01513	361.57	361.57	0 ANNUAL	PIT	5	
TMA	418989	5422027	0.0188	361	361	0 ANNUAL	PIT	5	
TMA	418989	5422860	0.01725	344.52	344.52	0 ANNUAL	PIT	5	
TMA	418989	5423693	0.01639	354.77	354.77	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	419961	5422027	0.02072	349	349	0 ANNUAL	PIT	5	
TMA	419961	5422860	0.01985	343.48	343.48	0 ANNUAL	PIT	5	
TMA	419961	5423693	0.01882	360	360	0 ANNUAL	PIT	5	
TMA	420934	5422027	0.02388	366.69	366.69	0 ANNUAL	PIT	5	
TMA	420934	5422860	0.02115	351	351	0 ANNUAL	PIT	5	
TMA	420934	5423693	0.01911	355.19	355.19	0 ANNUAL	PIT	5	
TMA	421906	5422027	0.02383	355.05	355.05	0 ANNUAL	PIT	5	
TMA	421906	5422860	0.02154	351	351	0 ANNUAL	PIT	5	
TMA	421906	5423693	0.01957	360	360	0 ANNUAL	PIT	5	
TMA	422878	5422027	0.02399	373.63	373.63	0 ANNUAL	PIT	5	
TMA	422878	5422860	0.02181	357	357	0 ANNUAL	PIT	5	
TMA	422878	5423693	0.01979	360.28	360.28	0 ANNUAL	PIT	5	
TMA	423850	5422027	0.02542	379.96	379.96	0 ANNUAL	PIT	5	
TMA	423850	5422860	0.02315	355.8	355.8	0 ANNUAL	PIT	5	
TMA	423850	5423693	0.02104	368.01	368.01	0 ANNUAL	PIT	5	
TMA	424822	5422027	0.02636	364.2	364.2	0 ANNUAL	PIT	5	
TMA	424822	5422860	0.02373	361.94	361.94	0 ANNUAL	PIT	5	
TMA	424822	5423693	0.02108	374	374	0 ANNUAL	PIT	5	
TMA	425795	5422027	0.02766	367	367	0 ANNUAL	PIT	5	
TMA	425795	5422860	0.02482	366	366	0 ANNUAL	PIT	5	
TMA	425795	5423693	0.02243	366.05	366.05	0 ANNUAL	PIT	5	
TMA	426767	5422027	0.02764	368.71	368.71	0 ANNUAL	PIT	5	
TMA	426767	5422860	0.02483	370	370	0 ANNUAL	PIT	5	
TMA	426767	5423693	0.02256	367	367	0 ANNUAL	PIT	5	
TMA	427739	5422027	0.02699	381.56	381.56	0 ANNUAL	PIT	5	
TMA	427739	5422860	0.02422	365	365	0 ANNUAL	PIT	5	
TMA	427739	5423693	0.0221	366	366	0 ANNUAL	PIT	5	
TMA	428711	5422027	0.02296	360.65	360.65	0 ANNUAL	PIT	5	
TMA	428711	5422860	0.02011	369.42	370	0 ANNUAL	PIT	5	
TMA	428711	5423693	0.01847	380.79	380.79	0 ANNUAL	PIT	5	
TMA	429684	5422027	0.02326	351	351	0 ANNUAL	PIT	5	
TMA	429684	5422860	0.0206	351.04	351.04	0 ANNUAL	PIT	5	
TMA	429684	5423693	0.01822	364.07	364.07	0 ANNUAL	PIT	5	
TMA	430656	5422027	0.02301	346	346	0 ANNUAL	PIT	5	
TMA	430656	5422860	0.02093	352	352	0 ANNUAL	PIT	5	
TMA	430656	5423693	0.01902	351.48	351.48	0 ANNUAL	PIT	5	
TMA	431628	5422027	0.02327	351.82	351.82	0 ANNUAL	PIT	5	
TMA	431628	5422860	0.02048	349.61	349.61	0 ANNUAL	PIT	5	
TMA	431628	5423693	0.01838	339	339	0 ANNUAL	PIT	5	
TMA	429961	5421193	0.0263	355.45	355.45	0 ANNUAL	PIT	5	
TMA	429961	5420221	0.02987	362	362	0 ANNUAL	PIT	5	
TMA	429961	5419249	0.03395	374.41	374.41	0 ANNUAL	PIT	5	
TMA	429961	5418277	0.04336	371	371	0 ANNUAL	PIT	5	
TMA	429961	5417304	0.05107	371	371	0 ANNUAL	PIT	5	
TMA	429961	5416332	0.05513	378	378	0 ANNUAL	PIT	5	
TMA	429961	5413415	0.06288	390	390	0 ANNUAL	PIT	5	
TMA	429961	5407582	0.09233	359	359	0 ANNUAL	PIT	5	
TMA	429961	5406610	0.06741	361.02	361.02	0 ANNUAL	PIT	5	
TMA	429961	5405638	0.05734	367	367	0 ANNUAL	PIT	5	
TMA	429961	5404665	0.04752	370	370	0 ANNUAL	PIT	5	
TMA	429961	5403693	0.03718	369	369	0 ANNUAL	PIT	5	
TMA	430795	5421193	0.02572	358	358	0 ANNUAL	PIT	5	
TMA	430795	5420221	0.03038	362	362	0 ANNUAL	PIT	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	430795	5419249	0.03646	370	370	0 ANNUAL	PIT	5	
TMA	430795	5418277	0.03921	370	370	0 ANNUAL	PIT	5	
TMA	430795	5417304	0.04161	385.02	385.02	0 ANNUAL	PIT	5	
TMA	430795	5416332	0.04359	389.42	390	0 ANNUAL	PIT	5	
TMA	430795	5413415	0.05478	378	378	0 ANNUAL	PIT	5	
TMA	430795	5409527	0.08515	381	381	0 ANNUAL	PIT	5	
TMA	430795	5408554	0.08439	366.09	366.09	0 ANNUAL	PIT	5	
TMA	430795	5406610	0.05929	372.63	372.63	0 ANNUAL	PIT	5	
TMA	430795	5405638	0.04582	370	370	0 ANNUAL	PIT	5	
TMA	430795	5404665	0.04229	365	365	0 ANNUAL	PIT	5	
TMA	430795	5403693	0.03619	362	362	0 ANNUAL	PIT	5	
TMA	431628	5421193	0.02713	369.26	369.26	0 ANNUAL	PIT	5	
TMA	431628	5420221	0.02983	370	370	0 ANNUAL	PIT	5	
TMA	431628	5419249	0.03141	365.51	365.51	0 ANNUAL	PIT	5	
TMA	431628	5418277	0.03376	370.11	392	0 ANNUAL	PIT	5	
TMA	431628	5417304	0.03538	373	391	0 ANNUAL	PIT	5	
TMA	431628	5416332	0.03605	382.43	382.43	0 ANNUAL	PIT	5	
TMA	431628	5415360	0.03783	378.88	378.88	0 ANNUAL	PIT	5	
TMA	431628	5414388	0.03873	379	379	0 ANNUAL	PIT	5	
TMA	431628	5413415	0.04384	376	376	0 ANNUAL	PIT	5	
TMA	431628	5412443	0.04743	380	380	0 ANNUAL	PIT	5	
TMA	431628	5411471	0.06172	382	382	0 ANNUAL	PIT	5	
TMA	431628	5409527	0.06634	381	381	0 ANNUAL	PIT	5	
TMA	431628	5408554	0.06659	361	361	0 ANNUAL	PIT	5	
TMA	431628	5407582	0.06152	368.07	368.07	0 ANNUAL	PIT	5	
TMA	431628	5406610	0.05245	378	378	0 ANNUAL	PIT	5	
TMA	431628	5405638	0.0425	368.84	368.84	0 ANNUAL	PIT	5	
TMA	431628	5404665	0.03407	370	370	0 ANNUAL	PIT	5	
TMA	431628	5403693	0.03278	379.57	379.57	0 ANNUAL	PIT	5	
TMA	429128	5405360	0.0607	363	363	0 ANNUAL	PIT	5	
TMA	429128	5404527	0.04765	368	368	0 ANNUAL	PIT	5	
TMA	429128	5403693	0.03787	369	369	0 ANNUAL	PIT	5	
TMA	428156	5405360	0.06161	362	362	0 ANNUAL	PIT	5	
TMA	428156	5404527	0.04566	370	370	0 ANNUAL	PIT	5	
TMA	428156	5403693	0.03587	369	369	0 ANNUAL	PIT	5	
TMA	427184	5405360	0.0576	368	368	0 ANNUAL	PIT	5	
TMA	427184	5404527	0.04397	367.45	367.45	0 ANNUAL	PIT	5	
TMA	427184	5403693	0.03497	366.53	366.53	0 ANNUAL	PIT	5	
TMA	426211	5405360	0.05187	363.02	363.02	0 ANNUAL	PIT	5	
TMA	426211	5404527	0.03895	369	369	0 ANNUAL	PIT	5	
TMA	426211	5403693	0.03125	367.92	367.92	0 ANNUAL	PIT	5	
TMA	425239	5405360	0.06018	364	364	0 ANNUAL	PIT	5	
TMA	425239	5404527	0.04609	369.22	369.22	0 ANNUAL	PIT	5	
TMA	425239	5403693	0.0364	364.64	364.64	0 ANNUAL	PIT	5	
TMA	424267	5405360	0.05423	361	361	0 ANNUAL	PIT	5	
TMA	424267	5404527	0.04269	361.96	361.96	0 ANNUAL	PIT	5	
TMA	424267	5403693	0.03487	364.64	364.64	0 ANNUAL	PIT	5	
TMA	423295	5405360	0.04806	360	360	0 ANNUAL	PIT	5	
TMA	423295	5404527	0.03775	357	357	0 ANNUAL	PIT	5	
TMA	423295	5403693	0.03137	363	363	0 ANNUAL	PIT	5	
TMA	422322	5405360	0.04754	355	355	0 ANNUAL	PIT	5	
TMA	422322	5404527	0.03732	354	354	0 ANNUAL	PIT	5	
TMA	422322	5403693	0.02935	359	359	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421350	5404527	0.0344	356.96	356.96	0 ANNUAL	PIT	5	
TMA	421350	5403693	0.02981	359	359	0 ANNUAL	PIT	5	
TMA	420378	5405360	0.03449	360	360	0 ANNUAL	PIT	5	
TMA	420378	5404527	0.02822	349.55	349.55	0 ANNUAL	PIT	5	
TMA	420378	5403693	0.0256	360	360	0 ANNUAL	PIT	5	
TMA	419406	5405360	0.03198	352	352	0 ANNUAL	PIT	5	
TMA	419406	5404527	0.02649	352	352	0 ANNUAL	PIT	5	
TMA	419406	5403693	0.0223	357	357	0 ANNUAL	PIT	5	
TMA	418434	5405360	0.0299	343.7	343.7	0 ANNUAL	PIT	5	
TMA	418434	5404527	0.02467	351	351	0 ANNUAL	PIT	5	
TMA	418434	5403693	0.02108	344.26	344.26	0 ANNUAL	PIT	5	
TMA	417461	5405360	0.02592	349.41	349.41	0 ANNUAL	PIT	5	
TMA	417461	5404527	0.02373	358	358	0 ANNUAL	PIT	5	
TMA	417461	5403693	0.01972	350	350	0 ANNUAL	PIT	5	
TMA	416489	5405360	0.02157	349	349	0 ANNUAL	PIT	5	
TMA	416489	5404527	0.02155	350	350	0 ANNUAL	PIT	5	
TMA	416489	5403693	0.0192	348	348	0 ANNUAL	PIT	5	
TMA	415517	5405360	0.01835	349.67	349.67	0 ANNUAL	PIT	5	
TMA	415517	5404527	0.01851	352.74	352.74	0 ANNUAL	PIT	5	
TMA	415517	5403693	0.01807	348	348	0 ANNUAL	PIT	5	
TMA	414545	5405360	0.01574	346	346	0 ANNUAL	PIT	5	
TMA	414545	5404527	0.01587	349	349	0 ANNUAL	PIT	5	
TMA	414545	5403693	0.01606	348	348	0 ANNUAL	PIT	5	
TMA	413572	5405360	0.01352	343	343	0 ANNUAL	PIT	5	
TMA	413572	5404527	0.01388	342.07	342.07	0 ANNUAL	PIT	5	
TMA	413572	5403693	0.01393	347.01	347.01	0 ANNUAL	PIT	5	
TMA	412600	5405360	0.01161	339.29	339.29	0 ANNUAL	PIT	5	
TMA	412600	5404527	0.01219	337	337	0 ANNUAL	PIT	5	
TMA	412600	5403693	0.01227	341	341	0 ANNUAL	PIT	5	
TMA	411628	5405360	0.01008	343	343	0 ANNUAL	PIT	5	
TMA	411628	5404527	0.01073	339.78	339.78	0 ANNUAL	PIT	5	
TMA	411628	5403693	0.01096	338	338	0 ANNUAL	PIT	5	
TMA	413295	5406193	0.01232	348.65	348.65	0 ANNUAL	PIT	5	
TMA	413295	5407165	0.01348	350	350	0 ANNUAL	PIT	5	
TMA	413295	5408138	0.01277	345	345	0 ANNUAL	PIT	5	
TMA	413295	5409110	0.01247	358.76	358.76	0 ANNUAL	PIT	5	
TMA	413295	5410082	0.01195	358	358	0 ANNUAL	PIT	5	
TMA	413295	5411054	0.01115	355	355	0 ANNUAL	PIT	5	
TMA	413295	5412027	0.01012	356	356	0 ANNUAL	PIT	5	
TMA	413295	5412999	0.01039	359	359	0 ANNUAL	PIT	5	
TMA	413295	5413971	0.0107	365.12	365.12	0 ANNUAL	PIT	5	
TMA	413295	5414943	0.01011	353.61	353.61	0 ANNUAL	PIT	5	
TMA	413295	5415915	0.01146	351	351	0 ANNUAL	PIT	5	
TMA	413295	5416888	0.01147	353	353	0 ANNUAL	PIT	5	
TMA	413295	5417860	0.01102	355	355	0 ANNUAL	PIT	5	
TMA	413295	5418832	0.01189	357	357	0 ANNUAL	PIT	5	
TMA	413295	5419804	0.01199	358.67	358.67	0 ANNUAL	PIT	5	
TMA	413295	5420777	0.01099	359	359	0 ANNUAL	PIT	5	
TMA	413295	5421749	0.0101	360	360	0 ANNUAL	PIT	5	
TMA	413295	5422721	0.01	361	361	0 ANNUAL	PIT	5	
TMA	413295	5423693	0.00988	359.14	359.14	0 ANNUAL	PIT	5	
TMA	412461	5406193	0.01125	345	345	0 ANNUAL	PIT	5	
TMA	412461	5407165	0.01219	348	348	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	412461	5408138	0.0114	348	348	0 ANNUAL	PIT	5	
TMA	412461	5409110	0.01128	355.04	355.04	0 ANNUAL	PIT	5	
TMA	412461	5410082	0.01079	355.14	355.14	0 ANNUAL	PIT	5	
TMA	412461	5411054	0.01012	354	354	0 ANNUAL	PIT	5	
TMA	412461	5412027	0.00914	360	360	0 ANNUAL	PIT	5	
TMA	412461	5412999	0.00931	360	360	0 ANNUAL	PIT	5	
TMA	412461	5413971	0.00959	360	360	0 ANNUAL	PIT	5	
TMA	412461	5414943	0.00908	351	351	0 ANNUAL	PIT	5	
TMA	412461	5415915	0.00976	350	350	0 ANNUAL	PIT	5	
TMA	412461	5416888	0.01067	354	354	0 ANNUAL	PIT	5	
TMA	412461	5417860	0.00993	354	354	0 ANNUAL	PIT	5	
TMA	412461	5418832	0.01023	356	356	0 ANNUAL	PIT	5	
TMA	412461	5419804	0.0109	360	360	0 ANNUAL	PIT	5	
TMA	412461	5420777	0.01062	360	360	0 ANNUAL	PIT	5	
TMA	412461	5421749	0.00964	355	355	0 ANNUAL	PIT	5	
TMA	412461	5422721	0.00904	353	353	0 ANNUAL	PIT	5	
TMA	412461	5423693	0.00903	361	361	0 ANNUAL	PIT	5	
TMA	411628	5406193	0.01048	345	345	0 ANNUAL	PIT	5	
TMA	411628	5407165	0.011	347	347	0 ANNUAL	PIT	5	
TMA	411628	5408138	0.01026	349	349	0 ANNUAL	PIT	5	
TMA	411628	5409110	0.01026	350	350	0 ANNUAL	PIT	5	
TMA	411628	5410082	0.00979	350	350	0 ANNUAL	PIT	5	
TMA	411628	5411054	0.00924	353.58	353.58	0 ANNUAL	PIT	5	
TMA	411628	5412027	0.00837	356	356	0 ANNUAL	PIT	5	
TMA	411628	5412999	0.00841	353.13	353.13	0 ANNUAL	PIT	5	
TMA	411628	5413971	0.0087	353.37	353.37	0 ANNUAL	PIT	5	
TMA	411628	5414943	0.00837	349.88	349.88	0 ANNUAL	PIT	5	
TMA	411628	5415915	0.00842	359.68	359.68	0 ANNUAL	PIT	5	
TMA	411628	5416888	0.00959	360.86	360.86	0 ANNUAL	PIT	5	
TMA	411628	5417860	0.00933	360	360	0 ANNUAL	PIT	5	
TMA	411628	5418832	0.00894	357	357	0 ANNUAL	PIT	5	
TMA	411628	5419804	0.0096	360	360	0 ANNUAL	PIT	5	
TMA	411628	5420777	0.00992	360	360	0 ANNUAL	PIT	5	
TMA	411628	5421749	0.00941	360	360	0 ANNUAL	PIT	5	
TMA	411628	5422721	0.0085	361.2	361.2	0 ANNUAL	PIT	5	
TMA	411628	5423693	0.00817	350	350	0 ANNUAL	PIT	5	
MINE	424480	5408573	0.27406	348	348	0 ANNUAL	PIT	5	
MINE	424480	5408523	0.26504	348.55	348.55	0 ANNUAL	PIT	5	
MINE	424480	5408473	0.25642	349	349	0 ANNUAL	PIT	5	
MINE	424480	5408423	0.24829	349.87	349.87	0 ANNUAL	PIT	5	
MINE	424480	5408373	0.24021	350	350	0 ANNUAL	PIT	5	
MINE	424480	5408323	0.23253	350.68	350.68	0 ANNUAL	PIT	5	
MINE	424480	5408273	0.22502	351.34	351.34	0 ANNUAL	PIT	5	
MINE	424430	5408573	0.26736	348	348	0 ANNUAL	PIT	5	
MINE	424430	5408523	0.25873	348.58	348.58	0 ANNUAL	PIT	5	
MINE	424430	5408473	0.25054	349	349	0 ANNUAL	PIT	5	
MINE	424430	5408423	0.24293	350	350	0 ANNUAL	PIT	5	
MINE	424430	5408373	0.23535	350.05	350.05	0 ANNUAL	PIT	5	
MINE	424430	5408323	0.22824	351	351	0 ANNUAL	PIT	5	
MINE	424430	5408273	0.22131	352	352	0 ANNUAL	PIT	5	
MINE	424380	5408573	0.26088	348	348	0 ANNUAL	PIT	5	
MINE	424380	5408523	0.25252	348.61	348.61	0 ANNUAL	PIT	5	
MINE	424380	5408473	0.24464	349	349	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	424380	5408423	0.23739	350	350	0 ANNUAL	PIT	5	
MINE	424380	5408373	0.23047	351	351	0 ANNUAL	PIT	5	
MINE	424380	5408323	0.22364	351.24	351.24	0 ANNUAL	PIT	5	
MINE	424380	5408273	0.2172	352.4	352.4	0 ANNUAL	PIT	5	
MINE	426976	5407714	0.1926	350	350	0 ANNUAL	PIT	5	
MINE	426976	5407615	0.1792	350.8	350.8	0 ANNUAL	PIT	5	
MINE	426976	5407517	0.16724	352.28	352.28	0 ANNUAL	PIT	5	
MINE	426976	5407418	0.15645	356.47	356.47	0 ANNUAL	PIT	5	
MINE	426976	5407319	0.14644	360.1	360.1	0 ANNUAL	PIT	5	
MINE	426976	5407221	0.13686	365.35	365.35	0 ANNUAL	PIT	5	
MINE	426976	5407122	0.1278	369.63	369.63	0 ANNUAL	PIT	5	
MINE	426976	5407023	0.12015	371	371	0 ANNUAL	PIT	5	
MINE	427072	5407714	0.19383	350	350	0 ANNUAL	PIT	5	
MINE	427072	5407615	0.18048	350	350	0 ANNUAL	PIT	5	
MINE	427072	5407517	0.16845	350	350	0 ANNUAL	PIT	5	
MINE	427072	5407418	0.15768	352.13	362	0 ANNUAL	PIT	5	
MINE	427072	5407319	0.14775	362.04	362.04	0 ANNUAL	PIT	5	
MINE	427072	5407221	0.1385	364.17	364.17	0 ANNUAL	PIT	5	
MINE	427072	5407122	0.12996	366.09	366.09	0 ANNUAL	PIT	5	
MINE	427072	5407023	0.12215	368	368	0 ANNUAL	PIT	5	
MINE	427168	5407714	0.19453	351	351	0 ANNUAL	PIT	5	
MINE	427168	5407615	0.18138	350	350	0 ANNUAL	PIT	5	
MINE	427168	5407517	0.16955	350	350	0 ANNUAL	PIT	5	
MINE	427168	5407418	0.1587	350	361	0 ANNUAL	PIT	5	
MINE	427168	5407319	0.1492	355.95	361	0 ANNUAL	PIT	5	
MINE	427168	5407221	0.1401	358.24	358.24	0 ANNUAL	PIT	5	
MINE	427168	5407122	0.13177	361.42	361.42	0 ANNUAL	PIT	5	
MINE	427168	5407023	0.12406	363.55	363.55	0 ANNUAL	PIT	5	
MINE	427265	5407714	0.19461	354.98	354.98	0 ANNUAL	PIT	5	
MINE	427265	5407615	0.18192	352.85	352.85	0 ANNUAL	PIT	5	
MINE	427265	5407517	0.17025	351	351	0 ANNUAL	PIT	5	
MINE	427265	5407418	0.15953	350	350	0 ANNUAL	PIT	5	
MINE	427265	5407319	0.15006	352.94	352.94	0 ANNUAL	PIT	5	
MINE	427265	5407221	0.1412	357.79	357.79	0 ANNUAL	PIT	5	
MINE	427265	5407122	0.13286	360	360	0 ANNUAL	PIT	5	
MINE	427265	5407023	0.12529	360.72	360.72	0 ANNUAL	PIT	5	
MINE	427361	5407714	0.19332	358.39	358.39	0 ANNUAL	PIT	5	
MINE	427361	5407615	0.18154	356.25	356.25	0 ANNUAL	PIT	5	
MINE	427361	5407517	0.17035	352.64	352.64	0 ANNUAL	PIT	5	
MINE	427361	5407418	0.15984	350	350	0 ANNUAL	PIT	5	
MINE	427361	5407319	0.15057	351.93	351.93	0 ANNUAL	PIT	5	
MINE	427361	5407221	0.14196	354.41	354.41	0 ANNUAL	PIT	5	
MINE	427361	5407122	0.13385	357.1	357.1	0 ANNUAL	PIT	5	
MINE	427361	5407023	0.12627	360	360	0 ANNUAL	PIT	5	
MINE	427457	5407714	0.19097	361	361	0 ANNUAL	PIT	5	
MINE	427457	5407615	0.18003	358.98	358.98	0 ANNUAL	PIT	5	
MINE	427457	5407517	0.16973	355.42	355.42	0 ANNUAL	PIT	5	
MINE	427457	5407418	0.15976	352.23	352.23	0 ANNUAL	PIT	5	
MINE	427457	5407319	0.15057	351	351	0 ANNUAL	PIT	5	
MINE	427457	5407221	0.14218	352	352	0 ANNUAL	PIT	5	
MINE	427457	5407122	0.13436	353.97	353.97	0 ANNUAL	PIT	5	
MINE	427457	5407023	0.12702	358.55	358.55	0 ANNUAL	PIT	5	
MINE	427553	5407714	0.18809	362	362	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	427553	5407615	0.17778	360	360	0 ANNUAL	PIT	5	
MINE	427553	5407517	0.16819	358.25	358.25	0 ANNUAL	PIT	5	
MINE	427553	5407418	0.15894	358.56	358.56	0 ANNUAL	PIT	5	
MINE	427553	5407319	0.15033	355.17	355.17	0 ANNUAL	PIT	5	
MINE	427553	5407221	0.14206	352.25	352.25	0 ANNUAL	PIT	5	
MINE	427553	5407122	0.13433	351	351	0 ANNUAL	PIT	5	
MINE	427553	5407023	0.12738	353.88	353.88	0 ANNUAL	PIT	5	
MINE	427649	5407714	0.18416	364.04	364.04	0 ANNUAL	PIT	5	
MINE	427649	5407615	0.17499	362.25	362.25	0 ANNUAL	PIT	5	
MINE	427649	5407517	0.16579	364.29	364.29	0 ANNUAL	PIT	5	
MINE	427649	5407418	0.15698	364.9	364.9	0 ANNUAL	PIT	5	
MINE	427649	5407319	0.14914	361.58	366	0 ANNUAL	PIT	5	
MINE	427649	5407221	0.14148	359.57	359.57	0 ANNUAL	PIT	5	
MINE	427649	5407122	0.13413	352.5	361	0 ANNUAL	PIT	5	
MINE	427649	5407023	0.12728	352.5	352.5	0 ANNUAL	PIT	5	
MINE	427745	5407517	0.16206	369.72	369.72	0 ANNUAL	PIT	5	
MINE	427745	5407418	0.15353	371	371	0 ANNUAL	PIT	5	
MINE	427745	5407319	0.14644	369.08	369.08	0 ANNUAL	PIT	5	
MINE	427745	5407221	0.1401	363.91	363.91	0 ANNUAL	PIT	5	
MINE	427745	5407122	0.13353	356.34	362	0 ANNUAL	PIT	5	
MINE	427745	5407023	0.12685	352.45	352.45	0 ANNUAL	PIT	5	
MINE	427842	5407517	0.15862	371.09	371.09	0 ANNUAL	PIT	5	
MINE	427842	5407418	0.15098	372	372	0 ANNUAL	PIT	5	
MINE	427842	5407319	0.14436	370.39	370.39	0 ANNUAL	PIT	5	
MINE	427842	5407221	0.13822	367.13	367.13	0 ANNUAL	PIT	5	
MINE	427842	5407122	0.13231	359.72	359.72	0 ANNUAL	PIT	5	
MINE	427842	5407023	0.12604	352	352	0 ANNUAL	PIT	5	
MINE	427938	5407517	0.15467	371.85	371.85	0 ANNUAL	PIT	5	
MINE	427938	5407418	0.14861	371	371	0 ANNUAL	PIT	5	
MINE	427938	5407319	0.14255	369.44	369.44	0 ANNUAL	PIT	5	
MINE	427938	5407221	0.13692	364.3	364.3	0 ANNUAL	PIT	5	
MINE	427938	5407122	0.13084	358.83	358.83	0 ANNUAL	PIT	5	
MINE	427938	5407023	0.12494	352.66	352.66	0 ANNUAL	PIT	5	
MINE	428034	5407517	0.15052	370.57	370.57	0 ANNUAL	PIT	5	
MINE	428034	5407418	0.14515	371	371	0 ANNUAL	PIT	5	
MINE	428034	5407319	0.14011	368.49	368.49	0 ANNUAL	PIT	5	
MINE	428034	5407221	0.13481	363.72	363.72	0 ANNUAL	PIT	5	
MINE	428034	5407122	0.12897	358.93	358.93	0 ANNUAL	PIT	5	
MINE	428034	5407023	0.12353	353.71	353.71	0 ANNUAL	PIT	5	
MINE	428130	5407517	0.14542	370	370	0 ANNUAL	PIT	5	
MINE	428130	5407418	0.14116	370	370	0 ANNUAL	PIT	5	
MINE	428130	5407319	0.13692	367.55	367.55	0 ANNUAL	PIT	5	
MINE	428130	5407221	0.13213	362.59	362.59	0 ANNUAL	PIT	5	
MINE	428130	5407122	0.12675	357.97	357.97	0 ANNUAL	PIT	5	
MINE	428130	5407023	0.12173	352.97	352.97	0 ANNUAL	PIT	5	
MINE	426880	5407696	0.18876	353.15	353.15	0 ANNUAL	PIT	5	
MINE	426880	5407600	0.17594	354.09	354.09	0 ANNUAL	PIT	5	
MINE	426880	5407504	0.16444	355.99	355.99	0 ANNUAL	PIT	5	
MINE	426880	5407408	0.15389	358.33	358.33	0 ANNUAL	PIT	5	
MINE	426880	5407312	0.14412	362.3	362.3	0 ANNUAL	PIT	5	
MINE	426880	5407216	0.13461	367.62	367.62	0 ANNUAL	PIT	5	
MINE	426880	5407119	0.126	370.93	370.93	0 ANNUAL	PIT	5	
MINE	426880	5407023	0.11846	372.97	372.97	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	426781	5407696	0.18707	356	356	0 ANNUAL	PIT	5	
MINE	426781	5407600	0.17429	357.04	357.04	0 ANNUAL	PIT	5	
MINE	426781	5407504	0.1628	358.56	358.56	0 ANNUAL	PIT	5	
MINE	426781	5407408	0.15241	360.61	360.61	0 ANNUAL	PIT	5	
MINE	426781	5407312	0.14244	364.81	364.81	0 ANNUAL	PIT	5	
MINE	426781	5407216	0.13294	369.68	369.68	0 ANNUAL	PIT	5	
MINE	426781	5407119	0.12474	372	372	0 ANNUAL	PIT	5	
MINE	426781	5407023	0.11733	374	374	0 ANNUAL	PIT	5	
MINE	426683	5407696	0.18508	359.06	359.06	0 ANNUAL	PIT	5	
MINE	426683	5407600	0.17248	359.98	359.98	0 ANNUAL	PIT	5	
MINE	426683	5407504	0.16106	361.25	361.25	0 ANNUAL	PIT	5	
MINE	426683	5407408	0.15055	363.89	363.89	0 ANNUAL	PIT	5	
MINE	426683	5407312	0.14079	367.43	367.43	0 ANNUAL	PIT	5	
MINE	426683	5407216	0.13198	370	370	0 ANNUAL	PIT	5	
MINE	426683	5407119	0.12401	371.94	371.94	0 ANNUAL	PIT	5	
MINE	426683	5407023	0.11662	374.04	374.04	0 ANNUAL	PIT	5	
MINE	426584	5407696	0.18284	361.53	361.53	0 ANNUAL	PIT	5	
MINE	426584	5407600	0.17035	362.53	362.53	0 ANNUAL	PIT	5	
MINE	426584	5407504	0.15926	362.88	362.88	0 ANNUAL	PIT	5	
MINE	426584	5407408	0.14904	364.48	364.48	0 ANNUAL	PIT	5	
MINE	426584	5407312	0.13951	367.47	367.47	0 ANNUAL	PIT	5	
MINE	426584	5407216	0.13077	369.98	369.98	0 ANNUAL	PIT	5	
MINE	426584	5407119	0.12279	371.96	371.96	0 ANNUAL	PIT	5	
MINE	426584	5407023	0.11536	374.1	374.1	0 ANNUAL	PIT	5	
MINE	426485	5407696	0.17974	365.1	365.1	0 ANNUAL	PIT	5	
MINE	426485	5407600	0.1671	366.91	366.91	0 ANNUAL	PIT	5	
MINE	426485	5407504	0.15629	366.8	366.8	0 ANNUAL	PIT	5	
MINE	426485	5407408	0.1469	364.84	364.84	0 ANNUAL	PIT	5	
MINE	426485	5407312	0.13804	364.7	364.7	0 ANNUAL	PIT	5	
MINE	426485	5407216	0.12903	368.85	368.85	0 ANNUAL	PIT	5	
MINE	426485	5407119	0.12068	372.01	372.01	0 ANNUAL	PIT	5	
MINE	426485	5407023	0.11282	375.06	375.06	0 ANNUAL	PIT	5	
MINE	426387	5407696	0.17511	368.41	368.41	0 ANNUAL	PIT	5	
MINE	426387	5407600	0.16247	370	370	0 ANNUAL	PIT	5	
MINE	426387	5407504	0.15137	371	371	0 ANNUAL	PIT	5	
MINE	426387	5407408	0.14299	368.39	368.39	0 ANNUAL	PIT	5	
MINE	426387	5407312	0.13505	366.06	366.06	0 ANNUAL	PIT	5	
MINE	426387	5407216	0.12553	370.9	370.9	0 ANNUAL	PIT	5	
MINE	426387	5407119	0.11752	373	373	0 ANNUAL	PIT	5	
MINE	426387	5407023	0.11009	375.21	375.21	0 ANNUAL	PIT	5	
MINE	426288	5407696	0.16954	370.89	370.89	0 ANNUAL	PIT	5	
MINE	426288	5407600	0.15602	373.78	373.78	0 ANNUAL	PIT	5	
MINE	426288	5407504	0.14693	372.5	372.5	0 ANNUAL	PIT	5	
MINE	426288	5407408	0.13992	368.33	368.33	0 ANNUAL	PIT	5	
MINE	426288	5407312	0.13181	367.43	367.43	0 ANNUAL	PIT	5	
MINE	426288	5407216	0.12276	370.96	370.96	0 ANNUAL	PIT	5	
MINE	426288	5407119	0.11493	373	373	0 ANNUAL	PIT	5	
MINE	426288	5407023	0.1081	374.27	374.27	0 ANNUAL	PIT	5	
MINE	426189	5407696	0.161	376.58	376.58	0 ANNUAL	PIT	5	
MINE	426189	5407600	0.1505	376.59	376.59	0 ANNUAL	PIT	5	
MINE	426189	5407504	0.14431	372.44	372.44	0 ANNUAL	PIT	5	
MINE	426189	5407408	0.13715	369	369	0 ANNUAL	PIT	5	
MINE	426189	5407312	0.12929	368	368	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	426189	5407216	0.12101	370	370	0 ANNUAL	PIT	5	
MINE	426189	5407119	0.11337	372	372	0 ANNUAL	PIT	5	
MINE	426189	5407023	0.10665	373.32	373.32	0 ANNUAL	PIT	5	
MINE	426091	5407696	0.15308	381	381	0 ANNUAL	PIT	5	
MINE	426091	5407600	0.14838	376.7	376.7	0 ANNUAL	PIT	5	
MINE	426091	5407504	0.14362	370.39	370.39	0 ANNUAL	PIT	5	
MINE	426091	5407408	0.13534	369	369	0 ANNUAL	PIT	5	
MINE	426091	5407312	0.12705	369.4	369.4	0 ANNUAL	PIT	5	
MINE	426091	5407216	0.11944	370.02	370.02	0 ANNUAL	PIT	5	
MINE	426091	5407119	0.11223	371.24	371.24	0 ANNUAL	PIT	5	
MINE	426091	5407023	0.10544	373	373	0 ANNUAL	PIT	5	
MINE	425992	5407696	0.158	376.16	376.16	0 ANNUAL	PIT	5	
MINE	425992	5407600	0.1494	374.34	374.34	0 ANNUAL	PIT	5	
MINE	425992	5407504	0.14273	370.33	370.33	0 ANNUAL	PIT	5	
MINE	425992	5407408	0.1346	369	369	0 ANNUAL	PIT	5	
MINE	425992	5407312	0.12656	369.11	369.11	0 ANNUAL	PIT	5	
MINE	425992	5407216	0.11893	370	370	0 ANNUAL	PIT	5	
MINE	425992	5407119	0.11187	371.08	371.08	0 ANNUAL	PIT	5	
MINE	425992	5407023	0.10524	372.64	372.64	0 ANNUAL	PIT	5	
MINE	425893	5407696	0.16348	371.62	371.62	0 ANNUAL	PIT	5	
MINE	425893	5407600	0.1529	371.42	371.42	0 ANNUAL	PIT	5	
MINE	425893	5407504	0.14461	369.27	369.27	0 ANNUAL	PIT	5	
MINE	425893	5407408	0.13642	368	368	0 ANNUAL	PIT	5	
MINE	425893	5407312	0.12843	368	368	0 ANNUAL	PIT	5	
MINE	425893	5407216	0.12073	369.05	369.05	0 ANNUAL	PIT	5	
MINE	425893	5407119	0.11359	370.35	370.35	0 ANNUAL	PIT	5	
MINE	425893	5407023	0.10673	372.49	372.49	0 ANNUAL	PIT	5	
MINE	425794	5407696	0.1698	368	368	0 ANNUAL	PIT	5	
MINE	425794	5407600	0.15826	369	369	0 ANNUAL	PIT	5	
MINE	425794	5407504	0.14887	368	368	0 ANNUAL	PIT	5	
MINE	425794	5407408	0.14061	366.01	366.01	0 ANNUAL	PIT	5	
MINE	425794	5407312	0.13243	366.02	366.02	0 ANNUAL	PIT	5	
MINE	425794	5407216	0.1243	368.24	368.24	0 ANNUAL	PIT	5	
MINE	425794	5407119	0.11694	370	370	0 ANNUAL	PIT	5	
MINE	425794	5407023	0.11011	372	372	0 ANNUAL	PIT	5	
MINE	425696	5407696	0.17572	364.24	364.24	0 ANNUAL	PIT	5	
MINE	425696	5407600	0.16435	364.51	364.51	0 ANNUAL	PIT	5	
MINE	425696	5407504	0.15432	363.59	363.59	0 ANNUAL	PIT	5	
MINE	425696	5407408	0.14516	362.68	362.68	0 ANNUAL	PIT	5	
MINE	425696	5407312	0.13656	364.12	364.12	0 ANNUAL	PIT	5	
MINE	425696	5407216	0.12855	366.3	366.3	0 ANNUAL	PIT	5	
MINE	425696	5407119	0.12099	368.96	368.96	0 ANNUAL	PIT	5	
MINE	425696	5407023	0.11422	370.61	370.61	0 ANNUAL	PIT	5	
MINE	425597	5407696	0.17907	358.97	358.97	0 ANNUAL	PIT	5	
MINE	425597	5407600	0.16763	359.06	359.06	0 ANNUAL	PIT	5	
MINE	425597	5407504	0.15726	360	360	0 ANNUAL	PIT	5	
MINE	425597	5407408	0.14813	361.05	361.05	0 ANNUAL	PIT	5	
MINE	425597	5407312	0.13962	363	363	0 ANNUAL	PIT	5	
MINE	425597	5407216	0.13172	365.14	365.14	0 ANNUAL	PIT	5	
MINE	425597	5407119	0.12432	367.25	367.25	0 ANNUAL	PIT	5	
MINE	425597	5407023	0.11756	368.85	368.85	0 ANNUAL	PIT	5	
MINE	425498	5407696	0.1803	360	360	0 ANNUAL	PIT	5	
MINE	425498	5407600	0.16894	360.32	360.32	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	425498	5407504	0.15865	361	361	0 ANNUAL	PIT	5	
MINE	425498	5407408	0.14991	362.32	362.32	0 ANNUAL	PIT	5	
MINE	425498	5407312	0.14142	364.04	364.04	0 ANNUAL	PIT	5	
MINE	425498	5407216	0.13363	365.06	365.06	0 ANNUAL	PIT	5	
MINE	425498	5407119	0.12643	366	366	0 ANNUAL	PIT	5	
MINE	425498	5407023	0.11982	367	367	0 ANNUAL	PIT	5	
MINE	425400	5407696	0.18001	361	361	0 ANNUAL	PIT	5	
MINE	425400	5407600	0.16952	361.98	361.98	0 ANNUAL	PIT	5	
MINE	425400	5407504	0.15949	363.01	363.01	0 ANNUAL	PIT	5	
MINE	425400	5407408	0.15022	365.12	365.12	0 ANNUAL	PIT	5	
MINE	425400	5407312	0.14166	367.19	367.19	0 ANNUAL	PIT	5	
MINE	425400	5407216	0.13381	368.74	368.74	0 ANNUAL	PIT	5	
MINE	425400	5407119	0.12663	369.79	369.79	0 ANNUAL	PIT	5	
MINE	425400	5407023	0.1204	369.34	369.34	0 ANNUAL	PIT	5	
MINE	425301	5407696	0.17873	361.78	361.78	0 ANNUAL	PIT	5	
MINE	425301	5407600	0.16794	363	363	0 ANNUAL	PIT	5	
MINE	425301	5407504	0.15804	365.07	365.07	0 ANNUAL	PIT	5	
MINE	425301	5407408	0.14885	367.23	367.23	0 ANNUAL	PIT	5	
MINE	425301	5407312	0.14047	369	369	0 ANNUAL	PIT	5	
MINE	425301	5407216	0.13295	370	370	0 ANNUAL	PIT	5	
MINE	425301	5407119	0.12627	370	370	0 ANNUAL	PIT	5	
MINE	425301	5407023	0.12013	370	370	0 ANNUAL	PIT	5	
MINE	424413	5408177	0.20727	354	354	0 ANNUAL	PIT	5	
MINE	424413	5408081	0.19491	356	356	0 ANNUAL	PIT	5	
MINE	424413	5407985	0.18285	358	358	0 ANNUAL	PIT	5	
MINE	424413	5407889	0.17129	359.98	359.98	0 ANNUAL	PIT	5	
MINE	424413	5407792	0.15916	366.77	369	0 ANNUAL	PIT	5	
MINE	424413	5407696	0.14526	373.85	373.85	0 ANNUAL	PIT	5	
MINE	424413	5407600	0.13398	376.64	376.64	0 ANNUAL	PIT	5	
MINE	424413	5407504	0.12686	375.3	375.3	0 ANNUAL	PIT	5	
MINE	424413	5407408	0.12128	372.2	372.2	0 ANNUAL	PIT	5	
MINE	424413	5407312	0.11563	370	370	0 ANNUAL	PIT	5	
MINE	424413	5407216	0.11008	368.94	368.94	0 ANNUAL	PIT	5	
MINE	424413	5407119	0.10523	367	367	0 ANNUAL	PIT	5	
MINE	424413	5407023	0.1008	365.15	365.15	0 ANNUAL	PIT	5	
MINE	424314	5408177	0.20029	354	354	0 ANNUAL	PIT	5	
MINE	424314	5408081	0.18959	355.75	355.75	0 ANNUAL	PIT	5	
MINE	424314	5407985	0.17912	357	357	0 ANNUAL	PIT	5	
MINE	424314	5407889	0.16887	358.04	358.04	0 ANNUAL	PIT	5	
MINE	424314	5407792	0.15881	360.23	373	0 ANNUAL	PIT	5	
MINE	424314	5407696	0.14826	367.81	370	0 ANNUAL	PIT	5	
MINE	424314	5407600	0.13702	372.59	372.59	0 ANNUAL	PIT	5	
MINE	424314	5407504	0.12879	372.1	372.1	0 ANNUAL	PIT	5	
MINE	424314	5407408	0.12187	370.07	370.07	0 ANNUAL	PIT	5	
MINE	424314	5407312	0.11572	367.47	367.47	0 ANNUAL	PIT	5	
MINE	424314	5407216	0.10985	365.95	365.95	0 ANNUAL	PIT	5	
MINE	424314	5407119	0.10451	364.62	364.62	0 ANNUAL	PIT	5	
MINE	424314	5407023	0.0996	364	364	0 ANNUAL	PIT	5	
MINE	424216	5408177	0.19234	354	354	0 ANNUAL	PIT	5	
MINE	424216	5408081	0.18301	355	355	0 ANNUAL	PIT	5	
MINE	424216	5407985	0.17403	356.95	356.95	0 ANNUAL	PIT	5	
MINE	424216	5407889	0.16517	358	358	0 ANNUAL	PIT	5	
MINE	424216	5407792	0.15639	359	359	0 ANNUAL	PIT	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	424216	5407696	0.14806	362.68	362.68	0 ANNUAL	PIT	5	
MINE	424216	5407600	0.13893	367.29	367.29	0 ANNUAL	PIT	5	
MINE	424216	5407504	0.13057	367.82	367.82	0 ANNUAL	PIT	5	
MINE	424216	5407408	0.12322	365.91	365.91	0 ANNUAL	PIT	5	
MINE	424216	5407312	0.11658	363	363	0 ANNUAL	PIT	5	
MINE	424216	5407216	0.1101	363	363	0 ANNUAL	PIT	5	
MINE	424216	5407119	0.10399	364.27	364.27	0 ANNUAL	PIT	5	
MINE	424216	5407023	0.09853	365.35	365.35	0 ANNUAL	PIT	5	
MINE	424117	5408177	0.18419	354	354	0 ANNUAL	PIT	5	
MINE	424117	5408081	0.17578	355.87	355.87	0 ANNUAL	PIT	5	
MINE	424117	5407985	0.16789	357	357	0 ANNUAL	PIT	5	
MINE	424117	5407889	0.16028	358	358	0 ANNUAL	PIT	5	
MINE	424117	5407792	0.15273	359.32	359.32	0 ANNUAL	PIT	5	
MINE	424117	5407696	0.14525	360.57	360.57	0 ANNUAL	PIT	5	
MINE	424117	5407600	0.13785	361	361	0 ANNUAL	PIT	5	
MINE	424117	5407504	0.13085	361.37	361.37	0 ANNUAL	PIT	5	
MINE	424117	5407408	0.12361	362	362	0 ANNUAL	PIT	5	
MINE	424117	5407312	0.1166	363.53	368	0 ANNUAL	PIT	5	
MINE	424117	5407216	0.1095	367.37	367.37	0 ANNUAL	PIT	5	
MINE	424117	5407119	0.10328	368.29	368.29	0 ANNUAL	PIT	5	
MINE	424117	5407023	0.09784	368.2	368.2	0 ANNUAL	PIT	5	
MINE	424018	5408177	0.17662	355.51	355.51	0 ANNUAL	PIT	5	
MINE	424018	5408081	0.16848	356.55	356.55	0 ANNUAL	PIT	5	
MINE	424018	5407985	0.16123	357.54	357.54	0 ANNUAL	PIT	5	
MINE	424018	5407889	0.15453	358.21	358.21	0 ANNUAL	PIT	5	
MINE	424018	5407792	0.14806	359	359	0 ANNUAL	PIT	5	
MINE	424018	5407696	0.14169	360	360	0 ANNUAL	PIT	5	
MINE	424018	5407600	0.13579	362.67	362.67	0 ANNUAL	PIT	5	
MINE	424018	5407504	0.12921	365.89	365.89	0 ANNUAL	PIT	5	
MINE	424018	5407408	0.12211	368.97	368.97	0 ANNUAL	PIT	5	
MINE	424018	5407312	0.11514	370.91	370.91	0 ANNUAL	PIT	5	
MINE	424018	5407216	0.1089	371	371	0 ANNUAL	PIT	5	
MINE	424018	5407119	0.10299	371	371	0 ANNUAL	PIT	5	
MINE	424018	5407023	0.09775	370	370	0 ANNUAL	PIT	5	
MINE	423919	5408177	0.16986	358	358	0 ANNUAL	PIT	5	
MINE	423919	5408081	0.16168	358	358	0 ANNUAL	PIT	5	
MINE	423919	5407985	0.15467	358	358	0 ANNUAL	PIT	5	
MINE	423919	5407889	0.14848	358	358	0 ANNUAL	PIT	5	
MINE	423919	5407792	0.14271	359	359	0 ANNUAL	PIT	5	
MINE	423919	5407696	0.13717	360.88	360.88	0 ANNUAL	PIT	5	
MINE	423919	5407600	0.13211	364.73	364.73	0 ANNUAL	PIT	5	
MINE	423919	5407504	0.12626	368.87	368.87	0 ANNUAL	PIT	5	
MINE	423919	5407408	0.12016	371.04	371.04	0 ANNUAL	PIT	5	
MINE	423919	5407312	0.11418	372	372	0 ANNUAL	PIT	5	
MINE	423919	5407216	0.10849	372	372	0 ANNUAL	PIT	5	
MINE	423919	5407119	0.1029	372	372	0 ANNUAL	PIT	5	
MINE	423919	5407023	0.09785	371	371	0 ANNUAL	PIT	5	
MINE	423821	5408177	0.16416	360	360	0 ANNUAL	PIT	5	
MINE	423821	5408081	0.15581	359	359	0 ANNUAL	PIT	5	
MINE	423821	5407985	0.14873	358	358	0 ANNUAL	PIT	5	
MINE	423821	5407889	0.14264	357.67	357.67	0 ANNUAL	PIT	5	
MINE	423821	5407792	0.13716	359.5	359.5	0 ANNUAL	PIT	5	
MINE	423821	5407696	0.132	361.94	361.94	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	423821	5407600	0.12738	365.79	365.79	0 ANNUAL	PIT	5	
MINE	423821	5407504	0.12269	369	369	0 ANNUAL	PIT	5	
MINE	423821	5407408	0.11775	371.1	371.1	0 ANNUAL	PIT	5	
MINE	423821	5407312	0.11274	372	372	0 ANNUAL	PIT	5	
MINE	423821	5407216	0.10784	371.72	371.72	0 ANNUAL	PIT	5	
MINE	423821	5407119	0.10293	371	371	0 ANNUAL	PIT	5	
MINE	423821	5407023	0.09791	371	371	0 ANNUAL	PIT	5	
MINE	423722	5408177	0.15959	359.06	359.06	0 ANNUAL	PIT	5	
MINE	423722	5408081	0.15101	358	358	0 ANNUAL	PIT	5	
MINE	423722	5407985	0.14371	356.35	356.35	0 ANNUAL	PIT	5	
MINE	423722	5407889	0.13741	357	357	0 ANNUAL	PIT	5	
MINE	423722	5407792	0.13194	358.55	358.55	0 ANNUAL	PIT	5	
MINE	423722	5407696	0.12719	360	360	0 ANNUAL	PIT	5	
MINE	423722	5407600	0.12245	363.84	363.84	0 ANNUAL	PIT	5	
MINE	423722	5407504	0.11839	368	368	0 ANNUAL	PIT	5	
MINE	423722	5407408	0.11453	370.1	370.1	0 ANNUAL	PIT	5	
MINE	423722	5407312	0.11065	370.74	370.74	0 ANNUAL	PIT	5	
MINE	423722	5407216	0.1067	370	370	0 ANNUAL	PIT	5	
MINE	423722	5407119	0.10231	369.91	369.91	0 ANNUAL	PIT	5	
MINE	423722	5407023	0.09777	370	370	0 ANNUAL	PIT	5	
MINE	423623	5408177	0.15576	357	357	0 ANNUAL	PIT	5	
MINE	423623	5408081	0.14706	356	356	0 ANNUAL	PIT	5	
MINE	423623	5407985	0.13949	356	356	0 ANNUAL	PIT	5	
MINE	423623	5407889	0.13296	356.87	356.87	0 ANNUAL	PIT	5	
MINE	423623	5407792	0.12731	358	358	0 ANNUAL	PIT	5	
MINE	423623	5407696	0.12247	360.04	360.04	0 ANNUAL	PIT	5	
MINE	423623	5407600	0.1173	363.9	363.9	0 ANNUAL	PIT	5	
MINE	423623	5407504	0.11357	367.05	367.05	0 ANNUAL	PIT	5	
MINE	423623	5407408	0.11041	369	369	0 ANNUAL	PIT	5	
MINE	423623	5407312	0.10754	369	369	0 ANNUAL	PIT	5	
MINE	423623	5407216	0.10448	368	368	0 ANNUAL	PIT	5	
MINE	423623	5407119	0.101	367	367	0 ANNUAL	PIT	5	
MINE	423623	5407023	0.09721	366.54	366.54	0 ANNUAL	PIT	5	
MINE	423525	5408177	0.15229	355	355	0 ANNUAL	PIT	5	
MINE	423525	5408081	0.14363	355	355	0 ANNUAL	PIT	5	
MINE	423525	5407985	0.13597	355	355	0 ANNUAL	PIT	5	
MINE	423525	5407889	0.12928	356	356	0 ANNUAL	PIT	5	
MINE	423525	5407792	0.1234	357.67	357.67	0 ANNUAL	PIT	5	
MINE	423426	5408177	0.14897	353	353	0 ANNUAL	PIT	5	
MINE	423426	5408081	0.14057	354	354	0 ANNUAL	PIT	5	
MINE	423426	5407985	0.13295	354	354	0 ANNUAL	PIT	5	
MINE	423426	5407889	0.12621	355.56	355.56	0 ANNUAL	PIT	5	
MINE	423426	5407792	0.12013	358.78	372	0 ANNUAL	PIT	5	
MINE	423327	5408177	0.1458	352	352	0 ANNUAL	PIT	5	
MINE	423327	5408081	0.13769	352.5	352.5	0 ANNUAL	PIT	5	
MINE	423327	5407985	0.13025	353	353	0 ANNUAL	PIT	5	
MINE	423327	5407889	0.12357	355	378	0 ANNUAL	PIT	5	
MINE	423327	5407792	0.11737	360.58	380	0 ANNUAL	PIT	5	
MINE	423229	5408177	0.14285	354.3	354.3	0 ANNUAL	PIT	5	
MINE	423229	5408081	0.13514	355	355	0 ANNUAL	PIT	5	
MINE	423229	5407985	0.12791	355.59	355.59	0 ANNUAL	PIT	5	
MINE	423229	5407889	0.12121	357.72	381	0 ANNUAL	PIT	5	
MINE	423229	5407792	0.11335	367.49	380	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	423130	5408177	0.13974	356	356	0 ANNUAL	PIT	5	
MINE	423130	5408081	0.1325	357	357	0 ANNUAL	PIT	5	
MINE	423130	5407985	0.12553	357.83	357.83	0 ANNUAL	PIT	5	
MINE	423130	5407889	0.11894	360.74	380	0 ANNUAL	PIT	5	
MINE	424284	5408273	0.20853	352.46	352.46	0 ANNUAL	PIT	5	
MINE	424284	5408372	0.22027	351	351	0 ANNUAL	PIT	5	
MINE	424284	5408471	0.23336	349	349	0 ANNUAL	PIT	5	
MINE	424284	5408569	0.24871	347.79	347.79	0 ANNUAL	PIT	5	
MINE	424188	5408273	0.19962	352	352	0 ANNUAL	PIT	5	
MINE	424188	5408372	0.21065	350.26	350.26	0 ANNUAL	PIT	5	
MINE	424188	5408471	0.22365	349	349	0 ANNUAL	PIT	5	
MINE	424188	5408569	0.23874	347.04	347.04	0 ANNUAL	PIT	5	
MINE	424092	5408273	0.19147	353	353	0 ANNUAL	PIT	5	
MINE	424092	5408372	0.20244	351.02	351.02	0 ANNUAL	PIT	5	
MINE	424092	5408471	0.21566	350	350	0 ANNUAL	PIT	5	
MINE	424092	5408569	0.23084	347.79	347.79	0 ANNUAL	PIT	5	
MINE	423995	5408273	0.18437	354.72	354.72	0 ANNUAL	PIT	5	
MINE	423995	5408372	0.19562	352.59	352.59	0 ANNUAL	PIT	5	
MINE	423995	5408471	0.20885	350.49	350.49	0 ANNUAL	PIT	5	
MINE	423995	5408569	0.22383	347.85	347.85	0 ANNUAL	PIT	5	
MINE	423899	5408273	0.17828	357.85	357.85	0 ANNUAL	PIT	5	
MINE	423899	5408372	0.18993	355.06	355.06	0 ANNUAL	PIT	5	
MINE	423899	5408471	0.20304	351.16	351.16	0 ANNUAL	PIT	5	
MINE	423899	5408569	0.21765	348.73	348.73	0 ANNUAL	PIT	5	
MINE	423803	5408273	0.17309	360	360	0 ANNUAL	PIT	5	
MINE	423803	5408372	0.18487	357.44	357.44	0 ANNUAL	PIT	5	
MINE	423803	5408471	0.19783	352.21	352.21	0 ANNUAL	PIT	5	
MINE	423803	5408569	0.21175	349.96	349.96	0 ANNUAL	PIT	5	
MINE	423707	5408273	0.16883	358.98	358.98	0 ANNUAL	PIT	5	
MINE	423707	5408372	0.1804	356.34	356.34	0 ANNUAL	PIT	5	
MINE	423707	5408471	0.19274	352.27	352.27	0 ANNUAL	PIT	5	
MINE	423707	5408569	0.20554	350.01	350.01	0 ANNUAL	PIT	5	
MINE	423611	5408273	0.16509	355.94	355.94	0 ANNUAL	PIT	5	
MINE	423611	5408372	0.17599	353.6	353.6	0 ANNUAL	PIT	5	
MINE	423611	5408471	0.18753	351.33	351.33	0 ANNUAL	PIT	5	
MINE	423611	5408569	0.1991	350	350	0 ANNUAL	PIT	5	
MINE	423515	5408273	0.16133	353.29	353.29	0 ANNUAL	PIT	5	
MINE	423515	5408372	0.17165	352	352	0 ANNUAL	PIT	5	
MINE	423515	5408471	0.18227	351	351	0 ANNUAL	PIT	5	
MINE	423515	5408569	0.19237	350	350	0 ANNUAL	PIT	5	
MINE	423418	5408273	0.1577	352	352	0 ANNUAL	PIT	5	
MINE	423418	5408372	0.16726	351	351	0 ANNUAL	PIT	5	
MINE	423418	5408471	0.17673	350.37	350.37	0 ANNUAL	PIT	5	
MINE	423418	5408569	0.1853	350	350	0 ANNUAL	PIT	5	
MINE	423322	5408273	0.15406	351	351	0 ANNUAL	PIT	5	
MINE	423322	5408372	0.16281	351	351	0 ANNUAL	PIT	5	
MINE	423322	5408471	0.17106	351	351	0 ANNUAL	PIT	5	
MINE	423322	5408569	0.17795	350.13	350.13	0 ANNUAL	PIT	5	
MINE	423226	5408273	0.1506	354	354	0 ANNUAL	PIT	5	
MINE	423226	5408372	0.15829	353	353	0 ANNUAL	PIT	5	
MINE	423226	5408471	0.16511	352	352	0 ANNUAL	PIT	5	
MINE	423226	5408569	0.17049	351.25	351.25	0 ANNUAL	PIT	5	
MINE	423130	5408273	0.14678	355.12	355.12	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	423130	5408372	0.15341	354.82	354.82	0 ANNUAL	PIT	5	
MINE	423130	5408471	0.15891	353.62	353.62	0 ANNUAL	PIT	5	
MINE	423130	5408569	0.16292	353	353	0 ANNUAL	PIT	5	
MINE	423530	5415023	0.08351	394	394	0 ANNUAL	PIT	5	
MINE	423730	5415023	0.08722	395.63	395.63	0 ANNUAL	PIT	5	
MINE	423930	5415023	0.08808	396.34	396.34	0 ANNUAL	PIT	5	
MINE	424130	5414623	0.09602	400	400	0 ANNUAL	PIT	5	
MINE	424130	5414823	0.09241	397.55	397.55	0 ANNUAL	PIT	5	
MINE	424130	5415023	0.0864	398	398	0 ANNUAL	PIT	5	
MINE	424330	5414623	0.09615	399.72	399.72	0 ANNUAL	PIT	5	
MINE	424330	5414823	0.09014	400	400	0 ANNUAL	PIT	5	
MINE	424330	5415023	0.08763	397	397	0 ANNUAL	PIT	5	
MINE	424530	5414623	0.10261	393.92	393.92	0 ANNUAL	PIT	5	
MINE	424530	5414823	0.09634	394.09	394.09	0 ANNUAL	PIT	5	
MINE	424530	5415023	0.09146	393.27	393.27	0 ANNUAL	PIT	5	
MINE	424730	5414623	0.10943	388	388	0 ANNUAL	PIT	5	
MINE	424730	5414823	0.10347	387	387	0 ANNUAL	PIT	5	
MINE	424730	5415023	0.09789	386.18	386.18	0 ANNUAL	PIT	5	
MINE	424930	5414223	0.13018	386	386	0 ANNUAL	PIT	5	
MINE	424930	5414423	0.11951	388.43	388.43	0 ANNUAL	PIT	5	
MINE	424930	5414623	0.11049	390.27	390.27	0 ANNUAL	PIT	5	
MINE	424930	5414823	0.10603	387.3	387.3	0 ANNUAL	PIT	5	
MINE	424930	5415023	0.10304	381	381	0 ANNUAL	PIT	5	
MINE	425130	5414223	0.12675	392.46	395	0 ANNUAL	PIT	5	
MINE	425130	5414423	0.1272	383	383	0 ANNUAL	PIT	5	
MINE	425130	5414623	0.11617	387	387	0 ANNUAL	PIT	5	
MINE	425130	5414823	0.11041	384.85	384.85	0 ANNUAL	PIT	5	
MINE	425130	5415023	0.10563	381	381	0 ANNUAL	PIT	5	
MINE	425330	5414223	0.13796	384.97	384.97	0 ANNUAL	PIT	5	
MINE	425330	5414423	0.13124	381	381	0 ANNUAL	PIT	5	
MINE	425330	5414623	0.12166	382.16	382.16	0 ANNUAL	PIT	5	
MINE	425330	5414823	0.11432	381	381	0 ANNUAL	PIT	5	
MINE	425330	5415023	0.10829	378	378	0 ANNUAL	PIT	5	
MINE	425530	5414223	0.14358	382	382	0 ANNUAL	PIT	5	
MINE	425530	5414423	0.13449	380	380	0 ANNUAL	PIT	5	
MINE	425530	5414623	0.12564	379	379	0 ANNUAL	PIT	5	
MINE	425530	5414823	0.11723	379	379	0 ANNUAL	PIT	5	
MINE	425530	5415023	0.11006	378	378	0 ANNUAL	PIT	5	
MINE	425730	5414223	0.14759	381	381	0 ANNUAL	PIT	5	
MINE	425730	5414423	0.13752	380	380	0 ANNUAL	PIT	5	
MINE	425730	5414623	0.12798	380	380	0 ANNUAL	PIT	5	
MINE	425730	5414823	0.11947	380	380	0 ANNUAL	PIT	5	
MINE	425730	5415023	0.11222	379	379	0 ANNUAL	PIT	5	
MINE	425930	5414223	0.15087	380	380	0 ANNUAL	PIT	5	
MINE	425930	5414423	0.13934	381	381	0 ANNUAL	PIT	5	
MINE	425930	5414623	0.12916	382	382	0 ANNUAL	PIT	5	
MINE	425930	5414823	0.12115	381	381	0 ANNUAL	PIT	5	
MINE	425930	5415023	0.11424	379	379	0 ANNUAL	PIT	5	
MINE	426130	5414223	0.15094	380.57	380.57	0 ANNUAL	PIT	5	
MINE	426130	5414423	0.13907	382	382	0 ANNUAL	PIT	5	
MINE	426130	5414623	0.12815	384	384	0 ANNUAL	PIT	5	
MINE	426130	5414823	0.11977	383.86	383.86	0 ANNUAL	PIT	5	
MINE	426130	5415023	0.11337	381.47	381.47	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	426330	5414223	0.14817	380	380	0 ANNUAL	PIT	5	
MINE	426330	5414423	0.13811	380	380	0 ANNUAL	PIT	5	
MINE	426330	5414623	0.128	381.87	381.87	0 ANNUAL	PIT	5	
MINE	426330	5414823	0.11773	385.51	385.51	0 ANNUAL	PIT	5	
MINE	426330	5415023	0.10923	387.56	387.56	0 ANNUAL	PIT	5	
MINE	426530	5414223	0.14132	378	378	0 ANNUAL	PIT	5	
MINE	426530	5414423	0.1321	379	379	0 ANNUAL	PIT	5	
MINE	426530	5414623	0.12335	381	381	0 ANNUAL	PIT	5	
MINE	426530	5414823	0.11307	386.94	386.94	0 ANNUAL	PIT	5	
MINE	426530	5415023	0.10497	390	390	0 ANNUAL	PIT	5	
MINE	426730	5414223	0.13215	378	378	0 ANNUAL	PIT	5	
MINE	426730	5414423	0.12349	378.61	378.61	0 ANNUAL	PIT	5	
MINE	426730	5414623	0.11566	380	380	0 ANNUAL	PIT	5	
MINE	426730	5414823	0.10598	386.74	386.74	0 ANNUAL	PIT	5	
MINE	426730	5415023	0.09939	389.16	389.16	0 ANNUAL	PIT	5	
MINE	426930	5414223	0.12686	378.5	378.5	0 ANNUAL	PIT	5	
MINE	426930	5414423	0.11747	379	379	0 ANNUAL	PIT	5	
MINE	426930	5414623	0.10915	380	380	0 ANNUAL	PIT	5	
MINE	426930	5414823	0.10104	383	383	0 ANNUAL	PIT	5	
MINE	426930	5415023	0.09448	385	385	0 ANNUAL	PIT	5	
MINE	427130	5414223	0.12646	380	380	0 ANNUAL	PIT	5	
MINE	427130	5414423	0.11669	380	380	0 ANNUAL	PIT	5	
MINE	427130	5414623	0.10755	381	381	0 ANNUAL	PIT	5	
MINE	427130	5414823	0.0995	382	382	0 ANNUAL	PIT	5	
MINE	427130	5415023	0.09198	384	384	0 ANNUAL	PIT	5	
MINE	427330	5414223	0.12712	380	380	0 ANNUAL	PIT	5	
MINE	427330	5414423	0.11767	381	381	0 ANNUAL	PIT	5	
MINE	427330	5414623	0.109	381.79	381.79	0 ANNUAL	PIT	5	
MINE	427330	5414823	0.10119	382.06	382.06	0 ANNUAL	PIT	5	
MINE	427330	5415023	0.09375	383	383	0 ANNUAL	PIT	5	
MINE	427530	5414223	0.12337	383	383	0 ANNUAL	PIT	5	
MINE	427530	5414423	0.11505	383	383	0 ANNUAL	PIT	5	
MINE	427530	5414623	0.10794	383	383	0 ANNUAL	PIT	5	
MINE	427530	5414823	0.10191	382	382	0 ANNUAL	PIT	5	
MINE	427530	5415023	0.09592	381.28	381.28	0 ANNUAL	PIT	5	
MINE	427730	5414223	0.11859	388.65	388.65	0 ANNUAL	PIT	5	
MINE	427730	5414423	0.11162	386.28	386.28	0 ANNUAL	PIT	5	
MINE	427730	5414623	0.10409	386	386	0 ANNUAL	PIT	5	
MINE	427730	5414823	0.09833	385	385	0 ANNUAL	PIT	5	
MINE	427730	5415023	0.09377	383.26	383.26	0 ANNUAL	PIT	5	
MINE	427930	5414223	0.11328	394.48	400	0 ANNUAL	PIT	5	
MINE	427930	5414423	0.11426	384	384	0 ANNUAL	PIT	5	
MINE	427930	5414623	0.10782	380	380	0 ANNUAL	PIT	5	
MINE	427930	5414823	0.10008	380	380	0 ANNUAL	PIT	5	
MINE	427930	5415023	0.09308	381	381	0 ANNUAL	PIT	5	
MINE	428130	5414223	0.10566	399.38	399.38	0 ANNUAL	PIT	5	
MINE	428130	5414423	0.11109	388.75	388.75	0 ANNUAL	PIT	5	
MINE	428130	5414623	0.10839	381.08	381.08	0 ANNUAL	PIT	5	
MINE	428130	5414823	0.10156	379	379	0 ANNUAL	PIT	5	
MINE	428130	5415023	0.09411	379.67	379.67	0 ANNUAL	PIT	5	
MINE	428330	5414223	0.10687	392.58	411	0 ANNUAL	PIT	5	
MINE	428330	5414423	0.10438	392	392	0 ANNUAL	PIT	5	
MINE	428330	5414623	0.1065	382	382	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	428330	5414823	0.10066	382.78	382.78	0 ANNUAL	PIT	5	
MINE	428330	5415023	0.09538	380	380	0 ANNUAL	PIT	5	
MINE	428530	5414223	0.08798	403.11	403.11	0 ANNUAL	PIT	5	
MINE	428530	5414423	0.09851	390.52	390.52	0 ANNUAL	PIT	5	
MINE	428530	5414623	0.09646	389.99	389.99	0 ANNUAL	PIT	5	
MINE	428530	5414823	0.09315	391	391	0 ANNUAL	PIT	5	
MINE	428530	5415023	0.08986	391	391	0 ANNUAL	PIT	5	
MINE	428730	5414223	0.08448	401.33	401.33	0 ANNUAL	PIT	5	
MINE	428730	5414423	0.08633	397.11	410	0 ANNUAL	PIT	5	
MINE	428730	5414623	0.08262	399.21	399.21	0 ANNUAL	PIT	5	
MINE	428730	5414823	0.08296	396.87	396.87	0 ANNUAL	PIT	5	
MINE	428730	5415023	0.07954	399.35	399.35	0 ANNUAL	PIT	5	
MINE	428930	5412623	0.09132	396	396	0 ANNUAL	PIT	5	
MINE	428930	5412823	0.09149	395.38	395.38	0 ANNUAL	PIT	5	
MINE	428930	5413023	0.09361	392	392	0 ANNUAL	PIT	5	
MINE	428930	5413223	0.09404	390.08	390.08	0 ANNUAL	PIT	5	
MINE	429130	5412623	0.08096	399	399	0 ANNUAL	PIT	5	
MINE	429130	5412823	0.08313	396.27	396.27	0 ANNUAL	PIT	5	
MINE	429130	5413023	0.08664	391.83	391.83	0 ANNUAL	PIT	5	
MINE	429130	5413223	0.08665	390	390	0 ANNUAL	PIT	5	
MINE	429330	5412623	0.07544	400	400	0 ANNUAL	PIT	5	
MINE	429330	5412823	0.0739	399.16	399.16	0 ANNUAL	PIT	5	
MINE	429330	5413023	0.07717	395.32	395.32	0 ANNUAL	PIT	5	
MINE	429330	5413223	0.08053	389.89	389.89	0 ANNUAL	PIT	5	
MINE	429530	5412623	0.07438	398	398	0 ANNUAL	PIT	5	
MINE	429530	5412823	0.07039	398	398	0 ANNUAL	PIT	5	
MINE	429530	5413023	0.0674	400	400	0 ANNUAL	PIT	5	
MINE	429530	5413223	0.07177	394.35	400	0 ANNUAL	PIT	5	
MINE	429730	5412623	0.07383	394.58	394.58	0 ANNUAL	PIT	5	
MINE	429730	5412823	0.07172	392	392	0 ANNUAL	PIT	5	
MINE	429730	5413023	0.06949	390	390	0 ANNUAL	PIT	5	
MINE	429730	5413223	0.06926	389	389	0 ANNUAL	PIT	5	
MINE	429730	5413423	0.06851	391	391	0 ANNUAL	PIT	5	
MINE	429730	5413623	0.07102	382	382	0 ANNUAL	PIT	5	
MINE	429730	5413823	0.06847	385.87	385.87	0 ANNUAL	PIT	5	
MINE	429730	5414023	0.06803	384.83	384.83	0 ANNUAL	PIT	5	
MINE	429930	5412623	0.07098	392	392	0 ANNUAL	PIT	5	
MINE	429930	5412823	0.06974	391	391	0 ANNUAL	PIT	5	
MINE	429930	5413023	0.06713	388.2	388.2	0 ANNUAL	PIT	5	
MINE	429930	5413223	0.06511	387.12	387.12	0 ANNUAL	PIT	5	
MINE	429930	5413423	0.06369	390	390	0 ANNUAL	PIT	5	
MINE	429930	5413623	0.06645	381.89	391	0 ANNUAL	PIT	5	
MINE	429930	5413823	0.0655	381.85	381.85	0 ANNUAL	PIT	5	
MINE	429930	5414023	0.06281	387	387	0 ANNUAL	PIT	5	
MINE	430130	5412623	0.06674	390	390	0 ANNUAL	PIT	5	
MINE	430130	5412823	0.06772	388	388	0 ANNUAL	PIT	5	
MINE	430130	5413023	0.06575	386	386	0 ANNUAL	PIT	5	
MINE	430130	5413223	0.06282	384.11	384.11	0 ANNUAL	PIT	5	
MINE	430130	5413423	0.06166	382.36	385	0 ANNUAL	PIT	5	
MINE	430130	5413623	0.06221	380	380	0 ANNUAL	PIT	5	
MINE	430130	5413823	0.06163	381.62	381.62	0 ANNUAL	PIT	5	
MINE	430130	5414023	0.06033	383	383	0 ANNUAL	PIT	5	
MINE	430330	5412623	0.06211	389	389	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	430330	5412823	0.06407	386	386	0 ANNUAL	PIT	5	
MINE	430330	5413023	0.06407	383	383	0 ANNUAL	PIT	5	
MINE	430330	5413223	0.06168	380	380	0 ANNUAL	PIT	5	
MINE	430330	5413423	0.05877	380	380	0 ANNUAL	PIT	5	
MINE	430330	5413623	0.05816	378	378	0 ANNUAL	PIT	5	
MINE	430330	5413823	0.05645	386.26	390	0 ANNUAL	PIT	5	
MINE	430330	5414023	0.0552	390.05	390.05	0 ANNUAL	PIT	5	
MINE	430530	5413423	0.05675	379	379	0 ANNUAL	PIT	5	
MINE	430530	5413623	0.05468	378	378	0 ANNUAL	PIT	5	
MINE	430530	5413823	0.05409	378.34	378.34	0 ANNUAL	PIT	5	
MINE	430530	5414023	0.05237	388.07	388.07	0 ANNUAL	PIT	5	
MINE	430730	5413423	0.05518	378.5	378.5	0 ANNUAL	PIT	5	
MINE	430730	5413623	0.05243	378	378	0 ANNUAL	PIT	5	
MINE	430730	5413823	0.05059	379	379	0 ANNUAL	PIT	5	
MINE	430730	5414023	0.05032	380	380	0 ANNUAL	PIT	5	
MINE	430930	5413423	0.05337	378	378	0 ANNUAL	PIT	5	
MINE	430930	5413623	0.05097	378	378	0 ANNUAL	PIT	5	
MINE	430930	5413823	0.04828	379.29	379.29	0 ANNUAL	PIT	5	
MINE	430930	5414023	0.04723	379	379	0 ANNUAL	PIT	5	
MINE	431130	5413423	0.05102	377	377	0 ANNUAL	PIT	5	
MINE	431130	5413623	0.0496	378	378	0 ANNUAL	PIT	5	
MINE	431130	5413823	0.04724	377.01	377.01	0 ANNUAL	PIT	5	
MINE	431130	5414023	0.04508	378	378	0 ANNUAL	PIT	5	
MINE	428330	5407423	0.13182	364	364	0 ANNUAL	PIT	5	
MINE	428330	5407223	0.12475	359.51	359.51	0 ANNUAL	PIT	5	
MINE	428330	5407023	0.11698	354.12	354.12	0 ANNUAL	PIT	5	
MINE	428330	5406823	0.10885	358	358	0 ANNUAL	PIT	5	
MINE	428330	5406623	0.10076	362	362	0 ANNUAL	PIT	5	
MINE	428330	5406423	0.09281	364.03	364.03	0 ANNUAL	PIT	5	
MINE	428330	5406223	0.0856	365.42	365.42	0 ANNUAL	PIT	5	
MINE	428330	5406023	0.07943	363.67	363.67	0 ANNUAL	PIT	5	
MINE	428330	5405823	0.07379	362	362	0 ANNUAL	PIT	5	
MINE	428330	5405623	0.06849	360.27	360.27	0 ANNUAL	PIT	5	
MINE	428330	5405423	0.06369	362	362	0 ANNUAL	PIT	5	
MINE	428330	5405223	0.05917	364.84	364.84	0 ANNUAL	PIT	5	
MINE	428330	5405023	0.05494	367.47	367.47	0 ANNUAL	PIT	5	
MINE	428330	5404823	0.05104	370	370	0 ANNUAL	PIT	5	
MINE	428330	5404623	0.04765	370	370	0 ANNUAL	PIT	5	
MINE	428330	5404423	0.04464	370	370	0 ANNUAL	PIT	5	
MINE	428330	5404223	0.04195	370	370	0 ANNUAL	PIT	5	
MINE	428330	5404023	0.03955	370	370	0 ANNUAL	PIT	5	
MINE	428530	5407423	0.12172	363.26	363.26	0 ANNUAL	PIT	5	
MINE	428530	5407223	0.11674	355.62	355.62	0 ANNUAL	PIT	5	
MINE	428530	5407023	0.11078	360.01	360.01	0 ANNUAL	PIT	5	
MINE	428530	5406823	0.1045	361	361	0 ANNUAL	PIT	5	
MINE	428530	5406623	0.09821	362	362	0 ANNUAL	PIT	5	
MINE	428530	5406423	0.09129	364	364	0 ANNUAL	PIT	5	
MINE	428530	5406223	0.08467	363	363	0 ANNUAL	PIT	5	
MINE	428530	5406023	0.07867	361.72	361.72	0 ANNUAL	PIT	5	
MINE	428530	5405823	0.07333	360	360	0 ANNUAL	PIT	5	
MINE	428530	5405623	0.06831	361	361	0 ANNUAL	PIT	5	
MINE	428530	5405423	0.06375	363	363	0 ANNUAL	PIT	5	
MINE	428530	5405223	0.05957	365	365	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	428530	5405023	0.05561	367.36	367.36	0 ANNUAL	PIT	5	
MINE	428530	5404823	0.05188	369	369	0 ANNUAL	PIT	5	
MINE	428530	5404623	0.04842	370	370	0 ANNUAL	PIT	5	
MINE	428530	5404423	0.04531	370	370	0 ANNUAL	PIT	5	
MINE	428530	5404223	0.0425	370	370	0 ANNUAL	PIT	5	
MINE	428530	5404023	0.03998	370	370	0 ANNUAL	PIT	5	
MINE	428730	5407423	0.11318	363.37	363.37	0 ANNUAL	PIT	5	
MINE	428730	5407223	0.1087	353	353	0 ANNUAL	PIT	5	
MINE	428730	5407023	0.10394	355.9	355.9	0 ANNUAL	PIT	5	
MINE	428730	5406823	0.09913	361	361	0 ANNUAL	PIT	5	
MINE	428730	5406623	0.09447	362	362	0 ANNUAL	PIT	5	
MINE	428730	5406423	0.08898	362	362	0 ANNUAL	PIT	5	
MINE	428730	5406223	0.08324	362	362	0 ANNUAL	PIT	5	
MINE	428730	5406023	0.07765	360	360	0 ANNUAL	PIT	5	
MINE	428730	5405823	0.07249	360	360	0 ANNUAL	PIT	5	
MINE	428730	5405623	0.06762	361.18	361.18	0 ANNUAL	PIT	5	
MINE	428730	5405423	0.06324	363	363	0 ANNUAL	PIT	5	
MINE	428730	5405223	0.05931	365	365	0 ANNUAL	PIT	5	
MINE	428730	5405023	0.05571	367	367	0 ANNUAL	PIT	5	
MINE	428730	5404823	0.05233	368	368	0 ANNUAL	PIT	5	
MINE	428730	5404623	0.04908	369	369	0 ANNUAL	PIT	5	
MINE	428730	5404423	0.046	370	370	0 ANNUAL	PIT	5	
MINE	428730	5404223	0.04316	370	370	0 ANNUAL	PIT	5	
MINE	428730	5404023	0.04056	370	370	0 ANNUAL	PIT	5	
MINE	428930	5407423	0.10722	361.48	361.48	0 ANNUAL	PIT	5	
MINE	428930	5407223	0.10178	354	354	0 ANNUAL	PIT	5	
MINE	428930	5407023	0.09716	356	356	0 ANNUAL	PIT	5	
MINE	428930	5406823	0.0932	360	360	0 ANNUAL	PIT	5	
MINE	428930	5406623	0.08936	360	360	0 ANNUAL	PIT	5	
MINE	428930	5406423	0.08522	360	360	0 ANNUAL	PIT	5	
MINE	428930	5406223	0.08073	359.97	359.97	0 ANNUAL	PIT	5	
MINE	428930	5406023	0.07607	359.25	359.25	0 ANNUAL	PIT	5	
MINE	428930	5405823	0.0714	360	360	0 ANNUAL	PIT	5	
MINE	428930	5405623	0.06686	361.1	361.1	0 ANNUAL	PIT	5	
MINE	428930	5405423	0.06256	363	363	0 ANNUAL	PIT	5	
MINE	428930	5405223	0.05873	364	364	0 ANNUAL	PIT	5	
MINE	428930	5405023	0.05527	365.92	365.92	0 ANNUAL	PIT	5	
MINE	428930	5404823	0.05217	366.94	366.94	0 ANNUAL	PIT	5	
MINE	428930	5404623	0.04925	368	368	0 ANNUAL	PIT	5	
MINE	428930	5404423	0.04645	368.43	368.43	0 ANNUAL	PIT	5	
MINE	428930	5404223	0.04375	369	369	0 ANNUAL	PIT	5	
MINE	428930	5404023	0.04119	369	369	0 ANNUAL	PIT	5	
MINE	429130	5408823	0.14429	389	389	0 ANNUAL	PIT	5	
MINE	429130	5408623	0.14298	389	389	0 ANNUAL	PIT	5	
MINE	429130	5407423	0.10288	359.59	359.59	0 ANNUAL	PIT	5	
MINE	429130	5407223	0.09627	355	355	0 ANNUAL	PIT	5	
MINE	429130	5407023	0.09123	356.68	356.68	0 ANNUAL	PIT	5	
MINE	429130	5406823	0.08741	358	358	0 ANNUAL	PIT	5	
MINE	429130	5406623	0.08422	358	358	0 ANNUAL	PIT	5	
MINE	429130	5406423	0.08104	359	359	0 ANNUAL	PIT	5	
MINE	429130	5406223	0.0776	360	360	0 ANNUAL	PIT	5	
MINE	429130	5406023	0.07385	360	360	0 ANNUAL	PIT	5	
MINE	429130	5405823	0.06989	361	361	0 ANNUAL	PIT	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	429130	5405623	0.06589	361	361	0 ANNUAL	PIT	5	
MINE	429130	5405423	0.06191	363	363	0 ANNUAL	PIT	5	
MINE	429130	5405223	0.05812	364	364	0 ANNUAL	PIT	5	
MINE	429130	5405023	0.05469	365	365	0 ANNUAL	PIT	5	
MINE	429130	5404823	0.05164	366	366	0 ANNUAL	PIT	5	
MINE	429130	5404623	0.0489	367	367	0 ANNUAL	PIT	5	
MINE	429130	5404423	0.04636	368	368	0 ANNUAL	PIT	5	
MINE	429130	5404223	0.04391	370	370	0 ANNUAL	PIT	5	
MINE	429130	5404023	0.04155	370	370	0 ANNUAL	PIT	5	
MINE	429330	5408823	0.13671	384.78	384.78	0 ANNUAL	PIT	5	
MINE	429330	5408623	0.13377	385.38	385.38	0 ANNUAL	PIT	5	
MINE	429330	5407423	0.09884	357.52	357.52	0 ANNUAL	PIT	5	
MINE	429330	5407223	0.09201	355	355	0 ANNUAL	PIT	5	
MINE	429330	5407023	0.08649	356	356	0 ANNUAL	PIT	5	
MINE	429330	5406823	0.08232	357	357	0 ANNUAL	PIT	5	
MINE	429330	5406623	0.07917	358	358	0 ANNUAL	PIT	5	
MINE	429330	5406423	0.07651	359.08	359.08	0 ANNUAL	PIT	5	
MINE	429330	5406223	0.07389	359.33	359.33	0 ANNUAL	PIT	5	
MINE	429330	5406023	0.07101	360	360	0 ANNUAL	PIT	5	
MINE	429330	5405823	0.06785	361	361	0 ANNUAL	PIT	5	
MINE	429330	5405623	0.06471	362	362	0 ANNUAL	PIT	5	
MINE	429330	5405423	0.06114	362	362	0 ANNUAL	PIT	5	
MINE	429330	5405223	0.05757	364.29	364.29	0 ANNUAL	PIT	5	
MINE	429330	5405023	0.05408	366.92	366.92	0 ANNUAL	PIT	5	
MINE	429330	5404823	0.05096	368	368	0 ANNUAL	PIT	5	
MINE	429330	5404623	0.04826	368	368	0 ANNUAL	PIT	5	
MINE	429330	5404423	0.04582	369	369	0 ANNUAL	PIT	5	
MINE	429330	5404223	0.0436	370	370	0 ANNUAL	PIT	5	
MINE	429330	5404023	0.04152	370	370	0 ANNUAL	PIT	5	
MINE	429530	5408423	0.12556	379.99	379.99	0 ANNUAL	PIT	5	
MINE	429530	5408223	0.12394	377	377	0 ANNUAL	PIT	5	
MINE	429530	5408023	0.11744	372.71	372.71	0 ANNUAL	PIT	5	
MINE	429530	5407823	0.10974	365.16	365.16	0 ANNUAL	PIT	5	
MINE	429530	5407623	0.10238	359	359	0 ANNUAL	PIT	5	
MINE	429530	5407423	0.09522	356.81	356.81	0 ANNUAL	PIT	5	
MINE	429530	5407223	0.08859	355.91	355.91	0 ANNUAL	PIT	5	
MINE	429530	5407023	0.08283	357	357	0 ANNUAL	PIT	5	
MINE	429530	5406823	0.07821	357	357	0 ANNUAL	PIT	5	
MINE	429530	5406623	0.07471	359	359	0 ANNUAL	PIT	5	
MINE	429530	5406423	0.07085	368.52	368.52	0 ANNUAL	PIT	5	
MINE	429530	5406223	0.06988	360	360	0 ANNUAL	PIT	5	
MINE	429530	5406023	0.06769	360	360	0 ANNUAL	PIT	5	
MINE	429530	5405823	0.06526	361	361	0 ANNUAL	PIT	5	
MINE	429530	5405623	0.06289	362	362	0 ANNUAL	PIT	5	
MINE	429530	5405423	0.05998	363	363	0 ANNUAL	PIT	5	
MINE	429530	5405223	0.05687	365	365	0 ANNUAL	PIT	5	
MINE	429530	5405023	0.05367	367.24	367.24	0 ANNUAL	PIT	5	
MINE	429530	5404823	0.05053	369.21	369.21	0 ANNUAL	PIT	5	
MINE	429530	5404623	0.04768	370	370	0 ANNUAL	PIT	5	
MINE	429530	5404423	0.0452	370	370	0 ANNUAL	PIT	5	
MINE	429530	5404223	0.04303	370	370	0 ANNUAL	PIT	5	
MINE	429530	5404023	0.04112	369	369	0 ANNUAL	PIT	5	
MINE	429730	5408423	0.11604	378	378	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	429730	5408223	0.11646	374	374	0 ANNUAL	PIT	5	
MINE	429730	5408023	0.11214	369.84	369.84	0 ANNUAL	PIT	5	
MINE	429730	5407823	0.10512	361.19	361.19	0 ANNUAL	PIT	5	
MINE	429730	5407623	0.09824	358	358	0 ANNUAL	PIT	5	
MINE	429730	5407423	0.09175	356.37	356.37	0 ANNUAL	PIT	5	
MINE	429730	5407223	0.08558	356	356	0 ANNUAL	PIT	5	
MINE	429730	5407023	0.07992	357	357	0 ANNUAL	PIT	5	
MINE	429730	5406823	0.07502	358	358	0 ANNUAL	PIT	5	
MINE	429730	5406623	0.07112	359	359	0 ANNUAL	PIT	5	
MINE	429730	5406423	0.06668	367.04	367.04	0 ANNUAL	PIT	5	
MINE	429730	5406223	0.06513	366.11	366.11	0 ANNUAL	PIT	5	
MINE	429730	5406023	0.06395	364	364	0 ANNUAL	PIT	5	
MINE	429730	5405823	0.06247	364	364	0 ANNUAL	PIT	5	
MINE	429730	5405623	0.0606	364	364	0 ANNUAL	PIT	5	
MINE	429730	5405423	0.05834	365	365	0 ANNUAL	PIT	5	
MINE	429730	5405223	0.05577	367	367	0 ANNUAL	PIT	5	
MINE	429730	5405023	0.05301	368	368	0 ANNUAL	PIT	5	
MINE	429730	5404823	0.05016	370	370	0 ANNUAL	PIT	5	
MINE	429730	5404623	0.04743	370	370	0 ANNUAL	PIT	5	
MINE	429730	5404423	0.04489	369.39	369.39	0 ANNUAL	PIT	5	
MINE	429730	5404223	0.04261	369	369	0 ANNUAL	PIT	5	
MINE	429730	5404023	0.04059	369	369	0 ANNUAL	PIT	5	
MINE	429930	5408423	0.10826	373.35	373.35	0 ANNUAL	PIT	5	
MINE	429930	5408223	0.10863	369.56	369.56	0 ANNUAL	PIT	5	
MINE	429930	5408023	0.1058	363.02	363.02	0 ANNUAL	PIT	5	
MINE	429930	5407823	0.09993	359.29	359.29	0 ANNUAL	PIT	5	
MINE	429930	5407623	0.09417	358	358	0 ANNUAL	PIT	5	
MINE	429930	5407423	0.0883	358.49	358.49	0 ANNUAL	PIT	5	
MINE	429930	5407223	0.08272	356.39	356.39	0 ANNUAL	PIT	5	
MINE	429930	5407023	0.07738	358	358	0 ANNUAL	PIT	5	
MINE	429930	5406823	0.0725	359	359	0 ANNUAL	PIT	5	
MINE	429930	5406623	0.06831	360.58	360.58	0 ANNUAL	PIT	5	
MINE	429930	5406423	0.06431	363.04	363.04	0 ANNUAL	PIT	5	
MINE	429930	5406223	0.06143	365.79	365.79	0 ANNUAL	PIT	5	
MINE	429930	5406023	0.05973	367.78	367.78	0 ANNUAL	PIT	5	
MINE	429930	5405823	0.05881	368	368	0 ANNUAL	PIT	5	
MINE	429930	5405623	0.05775	366.29	366.29	0 ANNUAL	PIT	5	
MINE	429930	5405423	0.05619	366	366	0 ANNUAL	PIT	5	
MINE	429930	5405223	0.05422	368	368	0 ANNUAL	PIT	5	
MINE	429930	5405023	0.05195	369	369	0 ANNUAL	PIT	5	
MINE	429930	5404823	0.04954	370	370	0 ANNUAL	PIT	5	
MINE	429930	5404623	0.0471	370	370	0 ANNUAL	PIT	5	
MINE	429930	5404423	0.04471	368.53	368.53	0 ANNUAL	PIT	5	
MINE	429930	5404223	0.04241	368	368	0 ANNUAL	PIT	5	
MINE	429930	5404023	0.04023	369	369	0 ANNUAL	PIT	5	
MINE	430130	5408423	0.10088	371.22	371.22	0 ANNUAL	PIT	5	
MINE	430130	5408223	0.10089	366.78	366.78	0 ANNUAL	PIT	5	
MINE	430130	5408023	0.09862	361	361	0 ANNUAL	PIT	5	
MINE	430130	5407823	0.095	359	359	0 ANNUAL	PIT	5	
MINE	430130	5407623	0.09014	360.53	360.53	0 ANNUAL	PIT	5	
MINE	430130	5407423	0.08493	360	360	0 ANNUAL	PIT	5	
MINE	430130	5407223	0.07988	357	357	0 ANNUAL	PIT	5	
MINE	430130	5407023	0.07499	358	358	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	430130	5406823	0.07036	359	359	0 ANNUAL	PIT	5	
MINE	430130	5406623	0.06589	363.41	363.41	0 ANNUAL	PIT	5	
MINE	430130	5406423	0.06165	369.41	369.41	0 ANNUAL	PIT	5	
MINE	430130	5406223	0.05845	368.17	368.17	0 ANNUAL	PIT	5	
MINE	430130	5406023	0.05609	369.69	369.69	0 ANNUAL	PIT	5	
MINE	430130	5405823	0.05496	370.01	370.01	0 ANNUAL	PIT	5	
MINE	430130	5405623	0.05443	368	368	0 ANNUAL	PIT	5	
MINE	430130	5405423	0.05356	367	367	0 ANNUAL	PIT	5	
MINE	430130	5405223	0.05226	368	368	0 ANNUAL	PIT	5	
MINE	430130	5405023	0.05053	369	369	0 ANNUAL	PIT	5	
MINE	430130	5404823	0.04856	369	369	0 ANNUAL	PIT	5	
MINE	430130	5404623	0.04649	368.37	368.37	0 ANNUAL	PIT	5	
MINE	430130	5404423	0.04438	367	367	0 ANNUAL	PIT	5	
MINE	430130	5404223	0.04222	367.03	367.03	0 ANNUAL	PIT	5	
MINE	430130	5404023	0.04006	369	369	0 ANNUAL	PIT	5	
MINE	430330	5407423	0.08168	360.24	360.24	0 ANNUAL	PIT	5	
MINE	430330	5407223	0.07711	357	357	0 ANNUAL	PIT	5	
MINE	430330	5407023	0.0726	359.95	359.95	0 ANNUAL	PIT	5	
MINE	430330	5406823	0.0682	362.08	362.08	0 ANNUAL	PIT	5	
MINE	430330	5406623	0.06403	368.6	381	0 ANNUAL	PIT	5	
MINE	430330	5406423	0.05941	380	380	0 ANNUAL	PIT	5	
MINE	430330	5406223	0.05621	374.6	374.6	0 ANNUAL	PIT	5	
MINE	430330	5406023	0.05307	374.95	374.95	0 ANNUAL	PIT	5	
MINE	430330	5405823	0.0517	371.15	371.15	0 ANNUAL	PIT	5	
MINE	430330	5405623	0.051	369.53	369.53	0 ANNUAL	PIT	5	
MINE	430330	5405423	0.05055	368	368	0 ANNUAL	PIT	5	
MINE	430330	5405223	0.04984	368	368	0 ANNUAL	PIT	5	
MINE	430330	5405023	0.04873	367.42	367.42	0 ANNUAL	PIT	5	
MINE	430330	5404823	0.04724	367	367	0 ANNUAL	PIT	5	
MINE	430330	5404623	0.04553	366.1	366.1	0 ANNUAL	PIT	5	
MINE	430330	5404423	0.04371	366	366	0 ANNUAL	PIT	5	
MINE	430330	5404223	0.04182	367	367	0 ANNUAL	PIT	5	
MINE	430330	5404023	0.03987	369	369	0 ANNUAL	PIT	5	
MINE	430530	5410023	0.10168	381	381	0 ANNUAL	PIT	5	
MINE	430530	5409823	0.09616	381	381	0 ANNUAL	PIT	5	
MINE	430530	5409623	0.09366	380	380	0 ANNUAL	PIT	5	
MINE	430530	5409423	0.0925	380	380	0 ANNUAL	PIT	5	
MINE	430530	5409223	0.09007	381	381	0 ANNUAL	PIT	5	
MINE	430530	5409023	0.08984	381	381	0 ANNUAL	PIT	5	
MINE	430530	5408823	0.09149	379.88	379.88	0 ANNUAL	PIT	5	
MINE	430530	5408623	0.09101	377.39	377.39	0 ANNUAL	PIT	5	
MINE	430530	5407423	0.07849	360.46	360.46	0 ANNUAL	PIT	5	
MINE	430530	5407223	0.07433	360.86	360.86	0 ANNUAL	PIT	5	
MINE	430530	5407023	0.07026	360	360	0 ANNUAL	PIT	5	
MINE	430530	5406823	0.0658	367.66	367.66	0 ANNUAL	PIT	5	
MINE	430530	5406623	0.06184	374	374	0 ANNUAL	PIT	5	
MINE	430530	5406423	0.0582	379	379	0 ANNUAL	PIT	5	
MINE	430530	5406223	0.0549	378.54	378.54	0 ANNUAL	PIT	5	
MINE	430530	5406023	0.05191	374	374	0 ANNUAL	PIT	5	
MINE	430530	5405823	0.04956	371	371	0 ANNUAL	PIT	5	
MINE	430530	5405623	0.04822	369	369	0 ANNUAL	PIT	5	
MINE	430530	5405423	0.04755	368	368	0 ANNUAL	PIT	5	
MINE	430530	5405223	0.04713	367	367	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	430530	5405023	0.04652	367	367	0 ANNUAL	PIT		5
MINE	430530	5404823	0.04555	366	366	0 ANNUAL	PIT		5
MINE	430530	5404623	0.04424	365	365	0 ANNUAL	PIT		5
MINE	430530	5404423	0.04275	365	365	0 ANNUAL	PIT		5
MINE	430530	5404223	0.04115	365	365	0 ANNUAL	PIT		5
MINE	430530	5404023	0.03949	365.54	365.54	0 ANNUAL	PIT		5
MINE	430730	5410023	0.09527	381	381	0 ANNUAL	PIT		5
MINE	430730	5409823	0.09039	380	380	0 ANNUAL	PIT		5
MINE	430730	5409623	0.0876	380	380	0 ANNUAL	PIT		5
MINE	430730	5409423	0.08669	380.15	380.15	0 ANNUAL	PIT		5
MINE	430730	5409223	0.08553	377.17	377.17	0 ANNUAL	PIT		5
MINE	430730	5409023	0.08509	376.24	376.24	0 ANNUAL	PIT		5
MINE	430730	5408823	0.08644	374.94	374.94	0 ANNUAL	PIT		5
MINE	430730	5408623	0.08666	368.41	368.41	0 ANNUAL	PIT		5
MINE	430730	5407423	0.07576	362	362	0 ANNUAL	PIT		5
MINE	430730	5407223	0.07173	364.94	364.94	0 ANNUAL	PIT		5
MINE	430730	5407023	0.06768	365.1	365.1	0 ANNUAL	PIT		5
MINE	430730	5406823	0.06381	367.59	367.59	0 ANNUAL	PIT		5
MINE	430730	5406623	0.06012	372.09	372.09	0 ANNUAL	PIT		5
MINE	430730	5406423	0.05682	376.42	376.42	0 ANNUAL	PIT		5
MINE	430730	5406223	0.05414	374.16	374.16	0 ANNUAL	PIT		5
MINE	430730	5406023	0.05124	370.1	370.1	0 ANNUAL	PIT		5
MINE	430730	5405823	0.04844	369	369	0 ANNUAL	PIT		5
MINE	430730	5405623	0.04623	369.06	369.06	0 ANNUAL	PIT		5
MINE	430730	5405423	0.0448	370	370	0 ANNUAL	PIT		5
MINE	430730	5405223	0.0443	369	369	0 ANNUAL	PIT		5
MINE	430730	5405023	0.04404	367	367	0 ANNUAL	PIT		5
MINE	430730	5404823	0.04353	366	366	0 ANNUAL	PIT		5
MINE	430730	5404623	0.04267	364.57	364.57	0 ANNUAL	PIT		5
MINE	430730	5404423	0.04153	364	364	0 ANNUAL	PIT		5
MINE	430730	5404223	0.04021	363	363	0 ANNUAL	PIT		5
MINE	430730	5404023	0.0388	363	363	0 ANNUAL	PIT		5
MINE	430930	5410023	0.0895	381	381	0 ANNUAL	PIT		5
MINE	430930	5409823	0.08487	380	380	0 ANNUAL	PIT		5
MINE	430930	5409623	0.08266	378	378	0 ANNUAL	PIT		5
MINE	430930	5409423	0.08213	377.07	377.07	0 ANNUAL	PIT		5
MINE	430930	5409223	0.0808	375.17	375.17	0 ANNUAL	PIT		5
MINE	430930	5409023	0.08048	371.64	371.64	0 ANNUAL	PIT		5
MINE	430930	5408823	0.08156	369.01	369.01	0 ANNUAL	PIT		5
MINE	430930	5408623	0.08156	369.88	369.88	0 ANNUAL	PIT		5
MINE	430930	5407423	0.07274	362.07	362.07	0 ANNUAL	PIT		5
MINE	430930	5407223	0.06938	365.99	365.99	0 ANNUAL	PIT		5
MINE	430930	5407023	0.0654	369	369	0 ANNUAL	PIT		5
MINE	430930	5406823	0.06168	371	371	0 ANNUAL	PIT		5
MINE	430930	5406623	0.05829	373	373	0 ANNUAL	PIT		5
MINE	430930	5406423	0.05536	374	374	0 ANNUAL	PIT		5
MINE	430930	5406223	0.0529	372	372	0 ANNUAL	PIT		5
MINE	430930	5406023	0.0503	370	370	0 ANNUAL	PIT		5
MINE	430930	5405823	0.04752	370	370	0 ANNUAL	PIT		5
MINE	430930	5405623	0.04494	370	370	0 ANNUAL	PIT		5
MINE	430930	5405423	0.04298	370	370	0 ANNUAL	PIT		5
MINE	430930	5405223	0.04195	369	369	0 ANNUAL	PIT		5
MINE	430930	5405023	0.04158	367	367	0 ANNUAL	PIT		5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	430930	5404823	0.04131	365.31	365.31	0 ANNUAL	PIT	5	
MINE	430930	5404623	0.04083	364.67	364.67	0 ANNUAL	PIT	5	
MINE	430930	5404423	0.04009	364	364	0 ANNUAL	PIT	5	
MINE	430930	5404223	0.03907	363	363	0 ANNUAL	PIT	5	
MINE	430930	5404023	0.03792	363	363	0 ANNUAL	PIT	5	
MINE	431130	5410023	0.08428	381	381	0 ANNUAL	PIT	5	
MINE	431130	5409823	0.07961	381	381	0 ANNUAL	PIT	5	
MINE	431130	5409623	0.07719	380	380	0 ANNUAL	PIT	5	
MINE	431130	5409423	0.07673	380	380	0 ANNUAL	PIT	5	
MINE	431130	5409223	0.07611	375.38	375.38	0 ANNUAL	PIT	5	
MINE	431130	5409023	0.07564	370.75	370.75	0 ANNUAL	PIT	5	
MINE	431130	5408823	0.07612	371	371	0 ANNUAL	PIT	5	
MINE	431130	5408623	0.07677	370.5	370.5	0 ANNUAL	PIT	5	
MINE	431130	5408423	0.07559	367.74	367.74	0 ANNUAL	PIT	5	
MINE	431130	5408223	0.07375	361	361	0 ANNUAL	PIT	5	
MINE	431130	5408023	0.07247	359	359	0 ANNUAL	PIT	5	
MINE	431130	5407823	0.07162	360	360	0 ANNUAL	PIT	5	
MINE	431130	5407623	0.07066	361	361	0 ANNUAL	PIT	5	
MINE	431130	5407423	0.06965	362.31	362.31	0 ANNUAL	PIT	5	
MINE	431130	5407223	0.06709	366	366	0 ANNUAL	PIT	5	
MINE	431130	5407023	0.06345	369.7	369.7	0 ANNUAL	PIT	5	
MINE	431130	5406823	0.0599	371.55	371.55	0 ANNUAL	PIT	5	
MINE	431130	5406623	0.0566	373.87	373.87	0 ANNUAL	PIT	5	
MINE	431130	5406423	0.05379	374	374	0 ANNUAL	PIT	5	
MINE	431130	5406223	0.0514	373	373	0 ANNUAL	PIT	5	
MINE	431130	5406023	0.0491	373	373	0 ANNUAL	PIT	5	
MINE	431130	5405823	0.04672	371	371	0 ANNUAL	PIT	5	
MINE	431130	5405623	0.0442	370	370	0 ANNUAL	PIT	5	
MINE	431130	5405423	0.04189	370	370	0 ANNUAL	PIT	5	
MINE	431130	5405223	0.04026	369	369	0 ANNUAL	PIT	5	
MINE	431130	5405023	0.03947	367	367	0 ANNUAL	PIT	5	
MINE	431130	5404823	0.03911	365.41	365.41	0 ANNUAL	PIT	5	
MINE	431130	5404623	0.03881	364.78	364.78	0 ANNUAL	PIT	5	
MINE	431130	5404423	0.0384	364	364	0 ANNUAL	PIT	5	
MINE	431130	5404223	0.03778	364.5	364.5	0 ANNUAL	PIT	5	
MINE	431130	5404023	0.03692	365	365	0 ANNUAL	PIT	5	
MINE	428130	5406823	0.11196	355.87	355.87	0 ANNUAL	PIT	5	
MINE	428130	5406623	0.10252	362	362	0 ANNUAL	PIT	5	
MINE	428130	5406423	0.09383	366	366	0 ANNUAL	PIT	5	
MINE	428130	5406223	0.08629	368	368	0 ANNUAL	PIT	5	
MINE	428130	5406023	0.07982	366	366	0 ANNUAL	PIT	5	
MINE	428130	5405823	0.07378	363	363	0 ANNUAL	PIT	5	
MINE	428130	5405623	0.06815	362	362	0 ANNUAL	PIT	5	
MINE	428130	5405423	0.06296	361	361	0 ANNUAL	PIT	5	
MINE	428130	5405223	0.05834	364	364	0 ANNUAL	PIT	5	
MINE	428130	5405023	0.0541	366.58	366.58	0 ANNUAL	PIT	5	
MINE	428130	5404823	0.05031	369	369	0 ANNUAL	PIT	5	
MINE	428130	5404623	0.04702	370	370	0 ANNUAL	PIT	5	
MINE	428130	5404423	0.04415	370	370	0 ANNUAL	PIT	5	
MINE	428130	5404223	0.04158	369.94	369.94	0 ANNUAL	PIT	5	
MINE	428130	5404023	0.03926	369	369	0 ANNUAL	PIT	5	
MINE	427930	5406823	0.11383	360.98	360.98	0 ANNUAL	PIT	5	
MINE	427930	5406623	0.10352	364.37	364.37	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	427930	5406423	0.09435	368.25	368.25	0 ANNUAL	PIT	5	
MINE	427930	5406223	0.08629	370	370	0 ANNUAL	PIT	5	
MINE	427930	5406023	0.0793	368	368	0 ANNUAL	PIT	5	
MINE	427930	5405823	0.07294	365	365	0 ANNUAL	PIT	5	
MINE	427930	5405623	0.06717	363	363	0 ANNUAL	PIT	5	
MINE	427930	5405423	0.06203	361	361	0 ANNUAL	PIT	5	
MINE	427930	5405223	0.05748	362	362	0 ANNUAL	PIT	5	
MINE	427930	5405023	0.05342	364	364	0 ANNUAL	PIT	5	
MINE	427930	5404823	0.04983	366	366	0 ANNUAL	PIT	5	
MINE	427930	5404623	0.04663	367.96	367.96	0 ANNUAL	PIT	5	
MINE	427930	5404423	0.0438	368	368	0 ANNUAL	PIT	5	
MINE	427930	5404223	0.04123	368	368	0 ANNUAL	PIT	5	
MINE	427930	5404023	0.03888	368	368	0 ANNUAL	PIT	5	
MINE	427730	5406823	0.11468	361.08	361.08	0 ANNUAL	PIT	5	
MINE	427730	5406623	0.10349	367.72	367.72	0 ANNUAL	PIT	5	
MINE	427730	5406423	0.09346	372	372	0 ANNUAL	PIT	5	
MINE	427730	5406223	0.08507	372	372	0 ANNUAL	PIT	5	
MINE	427730	5406023	0.07798	369	369	0 ANNUAL	PIT	5	
MINE	427730	5405823	0.07161	366.74	366.74	0 ANNUAL	PIT	5	
MINE	427730	5405623	0.06603	364	364	0 ANNUAL	PIT	5	
MINE	427730	5405423	0.06111	361.35	361.35	0 ANNUAL	PIT	5	
MINE	427730	5405223	0.05665	364	364	0 ANNUAL	PIT	5	
MINE	427730	5405023	0.05279	363	363	0 ANNUAL	PIT	5	
MINE	427730	5404823	0.04933	363	363	0 ANNUAL	PIT	5	
MINE	427730	5404623	0.0462	364	364	0 ANNUAL	PIT	5	
MINE	427730	5404423	0.04337	365	365	0 ANNUAL	PIT	5	
MINE	427730	5404223	0.04081	365.12	365.12	0 ANNUAL	PIT	5	
MINE	427730	5404023	0.03847	366	366	0 ANNUAL	PIT	5	
MINE	427530	5406823	0.11416	359.92	359.92	0 ANNUAL	PIT	5	
MINE	427530	5406623	0.10272	364.84	364.84	0 ANNUAL	PIT	5	
MINE	427530	5406423	0.09167	373.47	373.47	0 ANNUAL	PIT	5	
MINE	427530	5406223	0.08274	375.94	375.94	0 ANNUAL	PIT	5	
MINE	427530	5406023	0.07635	371.26	371.26	0 ANNUAL	PIT	5	
MINE	427530	5405823	0.07033	368.62	368.62	0 ANNUAL	PIT	5	
MINE	427530	5405623	0.06511	362.99	362.99	0 ANNUAL	PIT	5	
MINE	427530	5405423	0.06018	365.65	365.65	0 ANNUAL	PIT	5	
MINE	427530	5405223	0.05574	369	369	0 ANNUAL	PIT	5	
MINE	427530	5405023	0.05199	368	368	0 ANNUAL	PIT	5	
MINE	427530	5404823	0.04868	366	366	0 ANNUAL	PIT	5	
MINE	427530	5404623	0.04573	364.04	364.04	0 ANNUAL	PIT	5	
MINE	427530	5404423	0.04299	364	364	0 ANNUAL	PIT	5	
MINE	427530	5404223	0.04052	364	364	0 ANNUAL	PIT	5	
MINE	427530	5404023	0.03824	365	365	0 ANNUAL	PIT	5	
MINE	427330	5406823	0.11246	361	361	0 ANNUAL	PIT	5	
MINE	427330	5406623	0.10083	364.96	364.96	0 ANNUAL	PIT	5	
MINE	427330	5406423	0.08912	376.75	378	0 ANNUAL	PIT	5	
MINE	427330	5406223	0.08014	380.38	380.38	0 ANNUAL	PIT	5	
MINE	427330	5406023	0.07472	374.15	374.15	0 ANNUAL	PIT	5	
MINE	427330	5405823	0.06922	369.44	369.44	0 ANNUAL	PIT	5	
MINE	427330	5405623	0.06437	362	362	0 ANNUAL	PIT	5	
MINE	427330	5405423	0.05937	367	367	0 ANNUAL	PIT	5	
MINE	427330	5405223	0.05498	370	370	0 ANNUAL	PIT	5	
MINE	427330	5405023	0.0513	370	370	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	427330	5404823	0.04813	368.53	368.53	0 ANNUAL	PIT	5	
MINE	427330	5404623	0.0453	367	367	0 ANNUAL	PIT	5	
MINE	427330	5404423	0.04272	365.96	365.96	0 ANNUAL	PIT	5	
MINE	427330	5404223	0.04042	364	364	0 ANNUAL	PIT	5	
MINE	427330	5404023	0.03824	364.2	364.2	0 ANNUAL	PIT	5	
MINE	427130	5406823	0.10994	366	366	0 ANNUAL	PIT	5	
MINE	427130	5406623	0.09912	362.99	362.99	0 ANNUAL	PIT	5	
MINE	427130	5406423	0.08921	368.17	383	0 ANNUAL	PIT	5	
MINE	427130	5406223	0.08095	370.56	383	0 ANNUAL	PIT	5	
MINE	427130	5406023	0.07437	369	369	0 ANNUAL	PIT	5	
MINE	427130	5405823	0.06867	367	367	0 ANNUAL	PIT	5	
MINE	427130	5405623	0.0638	362.76	362.76	0 ANNUAL	PIT	5	
MINE	427130	5405423	0.05901	366	366	0 ANNUAL	PIT	5	
MINE	427130	5405223	0.05476	369	369	0 ANNUAL	PIT	5	
MINE	427130	5405023	0.05113	370	370	0 ANNUAL	PIT	5	
MINE	427130	5404823	0.04803	369	369	0 ANNUAL	PIT	5	
MINE	427130	5404623	0.04522	368	368	0 ANNUAL	PIT	5	
MINE	427130	5404423	0.04266	367	367	0 ANNUAL	PIT	5	
MINE	427130	5404223	0.0403	366	366	0 ANNUAL	PIT	5	
MINE	427130	5404023	0.0381	365	365	0 ANNUAL	PIT	5	
MINE	426930	5406823	0.1068	372	372	0 ANNUAL	PIT	5	
MINE	426930	5406623	0.09682	370	370	0 ANNUAL	PIT	5	
MINE	426930	5406423	0.0884	366.8	366.8	0 ANNUAL	PIT	5	
MINE	426930	5406223	0.08093	364.35	364.35	0 ANNUAL	PIT	5	
MINE	426930	5406023	0.07435	362.45	362.45	0 ANNUAL	PIT	5	
MINE	426930	5405823	0.06849	362.28	362.28	0 ANNUAL	PIT	5	
MINE	426930	5405623	0.06328	364	364	0 ANNUAL	PIT	5	
MINE	426930	5405423	0.05867	366.06	366.06	0 ANNUAL	PIT	5	
MINE	426930	5405223	0.05458	368	368	0 ANNUAL	PIT	5	
MINE	426930	5405023	0.05097	369	369	0 ANNUAL	PIT	5	
MINE	426930	5404823	0.04775	369	369	0 ANNUAL	PIT	5	
MINE	426930	5404623	0.04481	369	369	0 ANNUAL	PIT	5	
MINE	426930	5404423	0.04212	368	368	0 ANNUAL	PIT	5	
MINE	426930	5404223	0.03963	367	367	0 ANNUAL	PIT	5	
MINE	426930	5404023	0.03733	366	366	0 ANNUAL	PIT	5	
MINE	426730	5406823	0.10329	378.14	378.14	0 ANNUAL	PIT	5	
MINE	426730	5406623	0.09424	376	376	0 ANNUAL	PIT	5	
MINE	426730	5406423	0.08664	372.07	372.07	0 ANNUAL	PIT	5	
MINE	426730	5406223	0.07943	369.83	369.83	0 ANNUAL	PIT	5	
MINE	426730	5406023	0.07296	368.43	368.43	0 ANNUAL	PIT	5	
MINE	426730	5405823	0.06722	367	367	0 ANNUAL	PIT	5	
MINE	426730	5405623	0.06209	366	366	0 ANNUAL	PIT	5	
MINE	426730	5405423	0.05749	366.11	366.11	0 ANNUAL	PIT	5	
MINE	426730	5405223	0.05334	368	368	0 ANNUAL	PIT	5	
MINE	426730	5405023	0.04961	369	369	0 ANNUAL	PIT	5	
MINE	426730	5404823	0.04623	370	370	0 ANNUAL	PIT	5	
MINE	426730	5404623	0.04319	370	370	0 ANNUAL	PIT	5	
MINE	426730	5404423	0.04042	370	370	0 ANNUAL	PIT	5	
MINE	426730	5404223	0.03794	369	369	0 ANNUAL	PIT	5	
MINE	426730	5404023	0.03569	367.9	367.9	0 ANNUAL	PIT	5	
MINE	426530	5406823	0.09972	379.77	379.77	0 ANNUAL	PIT	5	
MINE	426530	5406623	0.09038	379	379	0 ANNUAL	PIT	5	
MINE	426530	5406423	0.08337	375	375	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	426530	5406223	0.07616	374	374	0 ANNUAL	PIT	5	
MINE	426530	5406023	0.07025	370	370	0 ANNUAL	PIT	5	
MINE	426530	5405823	0.06472	367.06	367.06	0 ANNUAL	PIT	5	
MINE	426530	5405623	0.05978	364.43	364.43	0 ANNUAL	PIT	5	
MINE	426530	5405423	0.05535	363.02	367	0 ANNUAL	PIT	5	
MINE	426530	5405223	0.05107	366	366	0 ANNUAL	PIT	5	
MINE	426530	5405023	0.04728	368	368	0 ANNUAL	PIT	5	
MINE	426530	5404823	0.04396	369	369	0 ANNUAL	PIT	5	
MINE	426530	5404623	0.04097	370	370	0 ANNUAL	PIT	5	
MINE	426530	5404423	0.03836	370	370	0 ANNUAL	PIT	5	
MINE	426530	5404223	0.03602	370	370	0 ANNUAL	PIT	5	
MINE	426530	5404023	0.034	369	369	0 ANNUAL	PIT	5	
MINE	426330	5406823	0.09561	378.56	378.56	0 ANNUAL	PIT	5	
MINE	426330	5406623	0.08551	380	380	0 ANNUAL	PIT	5	
MINE	426330	5406423	0.07786	379.16	379.16	0 ANNUAL	PIT	5	
MINE	426330	5406223	0.07021	381	381	0 ANNUAL	PIT	5	
MINE	426330	5406023	0.06545	376.97	376.97	0 ANNUAL	PIT	5	
MINE	426330	5405823	0.06165	368.97	368.97	0 ANNUAL	PIT	5	
MINE	426330	5405623	0.05742	365.1	365.1	0 ANNUAL	PIT	5	
MINE	426330	5405423	0.05335	363.9	363.9	0 ANNUAL	PIT	5	
MINE	426330	5405223	0.04912	367	367	0 ANNUAL	PIT	5	
MINE	426330	5405023	0.04545	369.59	369.59	0 ANNUAL	PIT	5	
MINE	426330	5404823	0.04246	370	370	0 ANNUAL	PIT	5	
MINE	426330	5404623	0.03984	370	370	0 ANNUAL	PIT	5	
MINE	426330	5404423	0.03748	370	370	0 ANNUAL	PIT	5	
MINE	426330	5404223	0.03537	370	370	0 ANNUAL	PIT	5	
MINE	426330	5404023	0.03346	370	370	0 ANNUAL	PIT	5	
MINE	426130	5406823	0.0936	376	376	0 ANNUAL	PIT	5	
MINE	426130	5406623	0.08318	379	379	0 ANNUAL	PIT	5	
MINE	426130	5406423	0.07311	384.35	384.35	0 ANNUAL	PIT	5	
MINE	426130	5406223	0.06408	389.82	389.82	0 ANNUAL	PIT	5	
MINE	426130	5406023	0.05989	388.21	388.21	0 ANNUAL	PIT	5	
MINE	426130	5405823	0.05936	375.83	375.83	0 ANNUAL	PIT	5	
MINE	426130	5405623	0.05619	369	369	0 ANNUAL	PIT	5	
MINE	426130	5405423	0.05321	362.56	362.56	0 ANNUAL	PIT	5	
MINE	426130	5405223	0.04926	365.07	365.07	0 ANNUAL	PIT	5	
MINE	426130	5405023	0.04567	369	369	0 ANNUAL	PIT	5	
MINE	426130	5404823	0.0428	370	370	0 ANNUAL	PIT	5	
MINE	426130	5404623	0.04041	369	369	0 ANNUAL	PIT	5	
MINE	426130	5404423	0.03812	369.61	369.61	0 ANNUAL	PIT	5	
MINE	426130	5404223	0.03606	370	370	0 ANNUAL	PIT	5	
MINE	426130	5404023	0.03421	370	370	0 ANNUAL	PIT	5	
MINE	425930	5406823	0.09371	376.11	376.11	0 ANNUAL	PIT	5	
MINE	425930	5406623	0.08279	380.74	380.74	0 ANNUAL	PIT	5	
MINE	425930	5406423	0.07147	388.32	388.32	0 ANNUAL	PIT	5	
MINE	425930	5406223	0.06497	390	390	0 ANNUAL	PIT	5	
MINE	425930	5406023	0.06051	389.54	389.54	0 ANNUAL	PIT	5	
MINE	425930	5405823	0.06031	378.08	378.08	0 ANNUAL	PIT	5	
MINE	425930	5405623	0.05733	371	371	0 ANNUAL	PIT	5	
MINE	425930	5405423	0.05391	366.45	366.45	0 ANNUAL	PIT	5	
MINE	425930	5405223	0.05077	362	362	0 ANNUAL	PIT	5	
MINE	425930	5405023	0.04714	367.04	367.04	0 ANNUAL	PIT	5	
MINE	425930	5404823	0.04409	370	370	0 ANNUAL	PIT	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	425930	5404623	0.0416	369	369	0 ANNUAL	PIT	5	
MINE	425930	5404423	0.03923	370	370	0 ANNUAL	PIT	5	
MINE	425930	5404223	0.03708	371	371	0 ANNUAL	PIT	5	
MINE	425930	5404023	0.03516	371	371	0 ANNUAL	PIT	5	
MINE	425730	5406823	0.09995	375.55	375.55	0 ANNUAL	PIT	5	
MINE	425730	5406623	0.08813	381	381	0 ANNUAL	PIT	5	
MINE	425730	5406423	0.07841	384.88	384.88	0 ANNUAL	PIT	5	
MINE	425730	5406223	0.07191	384.99	384.99	0 ANNUAL	PIT	5	
MINE	425730	5406023	0.06772	381.24	381.24	0 ANNUAL	PIT	5	
MINE	425730	5405823	0.06377	376.6	376.6	0 ANNUAL	PIT	5	
MINE	425730	5405623	0.05982	371.97	371.97	0 ANNUAL	PIT	5	
MINE	425730	5405423	0.05601	367.58	367.58	0 ANNUAL	PIT	5	
MINE	425730	5405223	0.05257	362.13	362.13	0 ANNUAL	PIT	5	
MINE	425730	5405023	0.04903	364	364	0 ANNUAL	PIT	5	
MINE	425730	5404823	0.04577	367	367	0 ANNUAL	PIT	5	
MINE	425730	5404623	0.04301	367	367	0 ANNUAL	PIT	5	
MINE	425730	5404423	0.04033	370	370	0 ANNUAL	PIT	5	
MINE	425730	5404223	0.03801	371	371	0 ANNUAL	PIT	5	
MINE	425730	5404023	0.03601	370	370	0 ANNUAL	PIT	5	
MINE	425530	5406823	0.10672	370.69	370.69	0 ANNUAL	PIT	5	
MINE	425530	5406623	0.09393	378.99	378.99	0 ANNUAL	PIT	5	
MINE	425530	5406423	0.08433	382	382	0 ANNUAL	PIT	5	
MINE	425530	5406223	0.07782	380.76	380.76	0 ANNUAL	PIT	5	
MINE	425530	5406023	0.07241	378.05	378.05	0 ANNUAL	PIT	5	
MINE	425530	5405823	0.06754	374.49	374.49	0 ANNUAL	PIT	5	
MINE	425530	5405623	0.06304	370	370	0 ANNUAL	PIT	5	
MINE	425530	5405423	0.05875	366.22	366.22	0 ANNUAL	PIT	5	
MINE	425530	5405223	0.05481	362.59	362.59	0 ANNUAL	PIT	5	
MINE	425530	5405023	0.05117	363	363	0 ANNUAL	PIT	5	
MINE	425530	5404823	0.04782	365	365	0 ANNUAL	PIT	5	
MINE	425530	5404623	0.04468	368.32	368.32	0 ANNUAL	PIT	5	
MINE	425530	5404423	0.04183	371	371	0 ANNUAL	PIT	5	
MINE	425530	5404223	0.0394	371	371	0 ANNUAL	PIT	5	
MINE	425530	5404023	0.03726	370	370	0 ANNUAL	PIT	5	
MINE	425330	5406823	0.1088	370	370	0 ANNUAL	PIT	5	
MINE	425330	5406623	0.09706	377.09	377.09	0 ANNUAL	PIT	5	
MINE	425330	5406423	0.0873	381	381	0 ANNUAL	PIT	5	
MINE	425330	5406223	0.08045	380.64	380.64	0 ANNUAL	PIT	5	
MINE	425330	5406023	0.07572	375.01	375.01	0 ANNUAL	PIT	5	
MINE	425330	5405823	0.07063	370	370	0 ANNUAL	PIT	5	
MINE	425330	5405623	0.06561	367.24	367.24	0 ANNUAL	PIT	5	
MINE	425330	5405423	0.06102	365	365	0 ANNUAL	PIT	5	
MINE	425330	5405223	0.05682	362.47	362.47	0 ANNUAL	PIT	5	
MINE	425330	5405023	0.05313	363.14	363.14	0 ANNUAL	PIT	5	
MINE	425330	5404823	0.04982	366	366	0 ANNUAL	PIT	5	
MINE	425330	5404623	0.04672	369	369	0 ANNUAL	PIT	5	
MINE	425330	5404423	0.04392	370	370	0 ANNUAL	PIT	5	
MINE	425330	5404223	0.04135	371	371	0 ANNUAL	PIT	5	
MINE	425330	5404023	0.03908	369.76	369.76	0 ANNUAL	PIT	5	
MINE	425130	5406823	0.10634	370.57	370.57	0 ANNUAL	PIT	5	
MINE	425130	5406623	0.09635	374.5	374.5	0 ANNUAL	PIT	5	
MINE	425130	5406423	0.08777	377.46	377.46	0 ANNUAL	PIT	5	
MINE	425130	5406223	0.08102	377.73	377.73	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	425130	5406023	0.07571	374.9	374.9	0 ANNUAL	PIT	5	
MINE	425130	5405823	0.07081	371	371	0 ANNUAL	PIT	5	
MINE	425130	5405623	0.06607	368.47	368.47	0 ANNUAL	PIT	5	
MINE	425130	5405423	0.06167	365	365	0 ANNUAL	PIT	5	
MINE	425130	5405223	0.05755	362.21	362.21	0 ANNUAL	PIT	5	
MINE	425130	5405023	0.05397	362.28	362.28	0 ANNUAL	PIT	5	
MINE	425130	5404823	0.05085	364.87	364.87	0 ANNUAL	PIT	5	
MINE	425130	5404623	0.04794	367	367	0 ANNUAL	PIT	5	
MINE	425130	5404423	0.04524	369	369	0 ANNUAL	PIT	5	
MINE	425130	5404223	0.04276	370	370	0 ANNUAL	PIT	5	
MINE	425130	5404023	0.04046	368.19	368.19	0 ANNUAL	PIT	5	
MINE	424930	5406823	0.10196	370.72	370.72	0 ANNUAL	PIT	5	
MINE	424930	5406623	0.09325	371.3	371.3	0 ANNUAL	PIT	5	
MINE	424930	5406423	0.08562	372.48	372.48	0 ANNUAL	PIT	5	
MINE	424930	5406223	0.07932	372	372	0 ANNUAL	PIT	5	
MINE	424930	5406023	0.07376	371.65	371.65	0 ANNUAL	PIT	5	
MINE	424930	5405823	0.06893	370	370	0 ANNUAL	PIT	5	
MINE	424930	5405623	0.06456	368	368	0 ANNUAL	PIT	5	
MINE	424930	5405423	0.06056	364.87	364.87	0 ANNUAL	PIT	5	
MINE	424930	5405223	0.05652	361	361	0 ANNUAL	PIT	5	
MINE	424930	5405023	0.05343	362	362	0 ANNUAL	PIT	5	
MINE	424930	5404823	0.0504	363	363	0 ANNUAL	PIT	5	
MINE	424930	5404623	0.04765	364.04	364.04	0 ANNUAL	PIT	5	
MINE	424930	5404423	0.04514	367	367	0 ANNUAL	PIT	5	
MINE	424930	5404223	0.0428	370	370	0 ANNUAL	PIT	5	
MINE	424930	5404023	0.04066	368.43	368.43	0 ANNUAL	PIT	5	
MINE	424730	5406823	0.0985	367.06	367.06	0 ANNUAL	PIT	5	
MINE	424730	5406623	0.09038	368	368	0 ANNUAL	PIT	5	
MINE	424730	5406423	0.08318	369	369	0 ANNUAL	PIT	5	
MINE	424730	5406223	0.0768	370	370	0 ANNUAL	PIT	5	
MINE	424730	5406023	0.0713	370	370	0 ANNUAL	PIT	5	
MINE	424730	5405823	0.06635	371	371	0 ANNUAL	PIT	5	
MINE	424730	5405623	0.06227	369	369	0 ANNUAL	PIT	5	
MINE	424730	5405423	0.05873	362.83	362.83	0 ANNUAL	PIT	5	
MINE	424730	5405223	0.05525	361.94	361.94	0 ANNUAL	PIT	5	
MINE	424730	5405023	0.05202	365.18	365.18	0 ANNUAL	PIT	5	
MINE	424730	5404823	0.04917	364.16	364.16	0 ANNUAL	PIT	5	
MINE	424730	5404623	0.04655	362	362	0 ANNUAL	PIT	5	
MINE	424730	5404423	0.04415	363	363	0 ANNUAL	PIT	5	
MINE	424730	5404223	0.04194	365.05	365.05	0 ANNUAL	PIT	5	
MINE	424730	5404023	0.0399	363.31	363.31	0 ANNUAL	PIT	5	
MINE	424530	5406823	0.0942	366	366	0 ANNUAL	PIT	5	
MINE	424530	5406623	0.08628	369	369	0 ANNUAL	PIT	5	
MINE	424530	5406423	0.07983	370	370	0 ANNUAL	PIT	5	
MINE	424530	5406223	0.07415	370.58	370.58	0 ANNUAL	PIT	5	
MINE	424530	5406023	0.06925	369	369	0 ANNUAL	PIT	5	
MINE	424530	5405823	0.0645	370	370	0 ANNUAL	PIT	5	
MINE	424530	5405623	0.0604	369	369	0 ANNUAL	PIT	5	
MINE	424530	5405423	0.05704	362	362	0 ANNUAL	PIT	5	
MINE	424530	5405223	0.05355	363.99	363.99	0 ANNUAL	PIT	5	
MINE	424530	5405023	0.05022	370	370	0 ANNUAL	PIT	5	
MINE	424530	5404823	0.0476	368	368	0 ANNUAL	PIT	5	
MINE	424530	5404623	0.04525	364	364	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	424530	5404423	0.04296	361	361	0 ANNUAL	PIT	5	
MINE	424530	5404223	0.04084	361	361	0 ANNUAL	PIT	5	
MINE	424530	5404023	0.03892	362.65	362.65	0 ANNUAL	PIT	5	
MINE	424330	5406823	0.0905	366	366	0 ANNUAL	PIT	5	
MINE	424330	5406623	0.08259	369	369	0 ANNUAL	PIT	5	
MINE	424330	5406423	0.07554	373.3	373.3	0 ANNUAL	PIT	5	
MINE	424330	5406223	0.07007	375.04	375.04	0 ANNUAL	PIT	5	
MINE	424330	5406023	0.06652	370.43	370.43	0 ANNUAL	PIT	5	
MINE	424330	5405823	0.06277	367	367	0 ANNUAL	PIT	5	
MINE	424330	5405623	0.05903	364.98	364.98	0 ANNUAL	PIT	5	
MINE	424330	5405423	0.05558	362	362	0 ANNUAL	PIT	5	
MINE	424330	5405223	0.05231	361.43	361.43	0 ANNUAL	PIT	5	
MINE	424330	5405023	0.04891	370	370	0 ANNUAL	PIT	5	
MINE	424330	5404823	0.04644	365.68	365.68	0 ANNUAL	PIT	5	
MINE	424330	5404623	0.04405	364	364	0 ANNUAL	PIT	5	
MINE	424330	5404423	0.04192	361	361	0 ANNUAL	PIT	5	
MINE	424330	5404223	0.03986	361	361	0 ANNUAL	PIT	5	
MINE	424330	5404023	0.03792	364.03	364.03	0 ANNUAL	PIT	5	
MINE	424130	5406823	0.08852	366	366	0 ANNUAL	PIT	5	
MINE	424130	5406623	0.08019	368.78	368.78	0 ANNUAL	PIT	5	
MINE	424130	5406423	0.07372	369	369	0 ANNUAL	PIT	5	
MINE	424130	5406223	0.06582	379.95	379.95	0 ANNUAL	PIT	5	
MINE	424130	5406023	0.0632	373.17	373.17	0 ANNUAL	PIT	5	
MINE	424130	5405823	0.05993	370	370	0 ANNUAL	PIT	5	
MINE	424130	5405623	0.05703	365.04	365.04	0 ANNUAL	PIT	5	
MINE	424130	5405423	0.05428	361	361	0 ANNUAL	PIT	5	
MINE	424130	5405223	0.05119	360	360	0 ANNUAL	PIT	5	
MINE	424130	5405023	0.04831	360.37	360.37	0 ANNUAL	PIT	5	
MINE	424130	5404823	0.04568	360	360	0 ANNUAL	PIT	5	
MINE	424130	5404623	0.04324	361	361	0 ANNUAL	PIT	5	
MINE	424130	5404423	0.04103	360	360	0 ANNUAL	PIT	5	
MINE	424130	5404223	0.03899	361	361	0 ANNUAL	PIT	5	
MINE	424130	5404023	0.03713	361	361	0 ANNUAL	PIT	5	
MINE	423930	5406823	0.08845	367	367	0 ANNUAL	PIT	5	
MINE	423930	5406623	0.08012	365	365	0 ANNUAL	PIT	5	
MINE	423930	5406423	0.07268	368	368	0 ANNUAL	PIT	5	
MINE	423930	5406223	0.06666	369	369	0 ANNUAL	PIT	5	
MINE	423930	5406023	0.06196	367.58	367.58	0 ANNUAL	PIT	5	
MINE	423930	5405823	0.05771	369	369	0 ANNUAL	PIT	5	
MINE	423930	5405623	0.05481	364.92	364.92	0 ANNUAL	PIT	5	
MINE	423930	5405423	0.05255	360	360	0 ANNUAL	PIT	5	
MINE	423930	5405223	0.04973	359	359	0 ANNUAL	PIT	5	
MINE	423930	5405023	0.0471	359	359	0 ANNUAL	PIT	5	
MINE	423930	5404823	0.04466	359	359	0 ANNUAL	PIT	5	
MINE	423930	5404623	0.04238	359	359	0 ANNUAL	PIT	5	
MINE	423930	5404423	0.04024	360	360	0 ANNUAL	PIT	5	
MINE	423930	5404223	0.03825	361	361	0 ANNUAL	PIT	5	
MINE	423930	5404023	0.03644	360.25	360.25	0 ANNUAL	PIT	5	
MINE	423730	5406823	0.08897	366.62	366.62	0 ANNUAL	PIT	5	
MINE	423730	5406623	0.08072	363.02	363.02	0 ANNUAL	PIT	5	
MINE	423730	5406423	0.07306	366	366	0 ANNUAL	PIT	5	
MINE	423730	5406223	0.06679	365.16	365.16	0 ANNUAL	PIT	5	
MINE	423730	5406023	0.06157	363	363	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	423730	5405823	0.05703	363.58	363.58	0 ANNUAL	PIT	5	
MINE	423730	5405623	0.05299	366	366	0 ANNUAL	PIT	5	
MINE	423730	5405423	0.05028	362.01	362.01	0 ANNUAL	PIT	5	
MINE	423730	5405223	0.04804	359.54	359.54	0 ANNUAL	PIT	5	
MINE	423730	5405023	0.04562	358	358	0 ANNUAL	PIT	5	
MINE	423730	5404823	0.0434	358	358	0 ANNUAL	PIT	5	
MINE	423730	5404623	0.04131	359	359	0 ANNUAL	PIT	5	
MINE	423730	5404423	0.03936	359	359	0 ANNUAL	PIT	5	
MINE	423730	5404223	0.03752	359.01	359.01	0 ANNUAL	PIT	5	
MINE	423730	5404023	0.03579	359	359	0 ANNUAL	PIT	5	
MINE	423530	5406823	0.08834	362	362	0 ANNUAL	PIT	5	
MINE	423530	5406623	0.08078	361	361	0 ANNUAL	PIT	5	
MINE	423530	5406423	0.07373	363	363	0 ANNUAL	PIT	5	
MINE	423530	5406223	0.06734	362	362	0 ANNUAL	PIT	5	
MINE	423530	5406023	0.06185	360	360	0 ANNUAL	PIT	5	
MINE	423530	5405823	0.05705	360	360	0 ANNUAL	PIT	5	
MINE	423530	5405623	0.05267	363	363	0 ANNUAL	PIT	5	
MINE	423530	5405423	0.0492	362	362	0 ANNUAL	PIT	5	
MINE	423530	5405223	0.04661	360	360	0 ANNUAL	PIT	5	
MINE	423530	5405023	0.04414	358.61	358.61	0 ANNUAL	PIT	5	
MINE	423530	5404823	0.04197	358	358	0 ANNUAL	PIT	5	
MINE	423530	5404623	0.04003	358	358	0 ANNUAL	PIT	5	
MINE	423530	5404423	0.03825	358	358	0 ANNUAL	PIT	5	
MINE	423530	5404223	0.03659	358	358	0 ANNUAL	PIT	5	
MINE	423530	5404023	0.035	359	359	0 ANNUAL	PIT	5	
MINE	423330	5406823	0.08474	360	360	0 ANNUAL	PIT	5	
MINE	423330	5406623	0.07931	360	360	0 ANNUAL	PIT	5	
MINE	423330	5406423	0.0735	360	360	0 ANNUAL	PIT	5	
MINE	423330	5406223	0.06768	360	360	0 ANNUAL	PIT	5	
MINE	423330	5406023	0.06221	359	359	0 ANNUAL	PIT	5	
MINE	423330	5405823	0.05724	361	361	0 ANNUAL	PIT	5	
MINE	423330	5405623	0.05284	362	362	0 ANNUAL	PIT	5	
MINE	423330	5405423	0.04915	360	360	0 ANNUAL	PIT	5	
MINE	423330	5405223	0.04594	359	359	0 ANNUAL	PIT	5	
MINE	423330	5405023	0.04319	358	358	0 ANNUAL	PIT	5	
MINE	423330	5404823	0.04085	357	357	0 ANNUAL	PIT	5	
MINE	423330	5404623	0.03882	357	357	0 ANNUAL	PIT	5	
MINE	423330	5404423	0.03704	358	358	0 ANNUAL	PIT	5	
MINE	423330	5404223	0.03546	358	358	0 ANNUAL	PIT	5	
MINE	423330	5404023	0.034	359	359	0 ANNUAL	PIT	5	
MINE	423130	5406823	0.07981	360	360	0 ANNUAL	PIT	5	
MINE	423130	5406623	0.07603	360	360	0 ANNUAL	PIT	5	
MINE	423130	5406423	0.0718	360.01	360.01	0 ANNUAL	PIT	5	
MINE	423130	5406223	0.0671	361	361	0 ANNUAL	PIT	5	
MINE	423130	5406023	0.06227	360	360	0 ANNUAL	PIT	5	
MINE	423130	5405823	0.05759	359	359	0 ANNUAL	PIT	5	
MINE	423130	5405623	0.05325	359	359	0 ANNUAL	PIT	5	
MINE	423130	5405423	0.04936	359	359	0 ANNUAL	PIT	5	
MINE	423130	5405223	0.04592	358.92	358.92	0 ANNUAL	PIT	5	
MINE	423130	5405023	0.04292	358	358	0 ANNUAL	PIT	5	
MINE	423130	5404823	0.04032	357	357	0 ANNUAL	PIT	5	
MINE	423130	5404623	0.03808	356.6	356.6	0 ANNUAL	PIT	5	
MINE	423130	5404423	0.03613	357	357	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	423130	5404223	0.03446	357	357	0 ANNUAL	PIT	5	
MINE	423130	5404023	0.03298	358	358	0 ANNUAL	PIT	5	
MINE	422930	5406823	0.07461	358.91	358.91	0 ANNUAL	PIT	5	
MINE	422930	5406623	0.07155	359	359	0 ANNUAL	PIT	5	
MINE	422930	5406423	0.06861	359	359	0 ANNUAL	PIT	5	
MINE	422930	5406223	0.06529	359.95	359.95	0 ANNUAL	PIT	5	
MINE	422930	5406023	0.06156	357	357	0 ANNUAL	PIT	5	
MINE	422930	5405823	0.05753	356.99	356.99	0 ANNUAL	PIT	5	
MINE	422930	5405623	0.05351	356.48	356.48	0 ANNUAL	PIT	5	
MINE	422930	5405423	0.0497	357	357	0 ANNUAL	PIT	5	
MINE	422930	5405223	0.04621	357.84	357.84	0 ANNUAL	PIT	5	
MINE	422930	5405023	0.0431	357	357	0 ANNUAL	PIT	5	
MINE	422930	5404823	0.04033	357	357	0 ANNUAL	PIT	5	
MINE	422930	5404623	0.03789	356	356	0 ANNUAL	PIT	5	
MINE	422930	5404423	0.03574	356	356	0 ANNUAL	PIT	5	
MINE	422930	5404223	0.03387	356	356	0 ANNUAL	PIT	5	
MINE	422930	5404023	0.03225	357	357	0 ANNUAL	PIT	5	
MINE	422730	5406023	0.05962	359	359	0 ANNUAL	PIT	5	
MINE	422730	5405823	0.05656	360	360	0 ANNUAL	PIT	5	
MINE	422730	5405623	0.05324	358	358	0 ANNUAL	PIT	5	
MINE	422730	5405423	0.04982	356	356	0 ANNUAL	PIT	5	
MINE	422730	5405223	0.04647	357	357	0 ANNUAL	PIT	5	
MINE	422730	5405023	0.04337	358	358	0 ANNUAL	PIT	5	
MINE	422730	5404823	0.04057	357	357	0 ANNUAL	PIT	5	
MINE	422730	5404623	0.03804	356	356	0 ANNUAL	PIT	5	
MINE	422730	5404423	0.03577	355	355	0 ANNUAL	PIT	5	
MINE	422730	5404223	0.03374	355.15	355.15	0 ANNUAL	PIT	5	
MINE	422730	5404023	0.03195	356.86	356.86	0 ANNUAL	PIT	5	
MINE	422530	5406023	0.05666	360	360	0 ANNUAL	PIT	5	
MINE	422530	5405823	0.05461	360	360	0 ANNUAL	PIT	5	
MINE	422530	5405623	0.05218	359	359	0 ANNUAL	PIT	5	
MINE	422530	5405423	0.04943	355.46	355.46	0 ANNUAL	PIT	5	
MINE	422530	5405223	0.04646	358	358	0 ANNUAL	PIT	5	
MINE	422530	5405023	0.04353	359	359	0 ANNUAL	PIT	5	
MINE	422530	5404823	0.0408	357	357	0 ANNUAL	PIT	5	
MINE	422530	5404623	0.03826	355	355	0 ANNUAL	PIT	5	
MINE	422530	5404423	0.03596	355	355	0 ANNUAL	PIT	5	
MINE	422530	5404223	0.03388	356	356	0 ANNUAL	PIT	5	
MINE	422530	5404023	0.03199	357	357	0 ANNUAL	PIT	5	
MINE	422330	5406423	0.05764	358	358	0 ANNUAL	PIT	5	
MINE	422330	5406223	0.05511	359	359	0 ANNUAL	PIT	5	
MINE	422330	5406023	0.05334	359	359	0 ANNUAL	PIT	5	
MINE	422330	5405823	0.05185	359	359	0 ANNUAL	PIT	5	
MINE	422330	5405623	0.05024	358	358	0 ANNUAL	PIT	5	
MINE	422330	5405423	0.0483	356	356	0 ANNUAL	PIT	5	
MINE	422330	5405223	0.04599	355.29	355.29	0 ANNUAL	PIT	5	
MINE	422330	5405023	0.04344	360	360	0 ANNUAL	PIT	5	
MINE	422330	5404823	0.04091	357.44	357.44	0 ANNUAL	PIT	5	
MINE	422330	5404623	0.03844	354	354	0 ANNUAL	PIT	5	
MINE	422330	5404423	0.03616	355	355	0 ANNUAL	PIT	5	
MINE	422330	5404223	0.03407	356	356	0 ANNUAL	PIT	5	
MINE	422330	5404023	0.03216	357	357	0 ANNUAL	PIT	5	
MINE	422130	5406423	0.05566	359.61	359.61	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	422130	5406223	0.05258	360	360	0 ANNUAL	PIT	5	
MINE	422130	5406023	0.05037	359.9	359.9	0 ANNUAL	PIT	5	
MINE	422130	5405823	0.04884	360	360	0 ANNUAL	PIT	5	
MINE	422130	5405623	0.04764	358	358	0 ANNUAL	PIT	5	
MINE	422130	5405423	0.04637	356	356	0 ANNUAL	PIT	5	
MINE	422130	5405223	0.04477	354	354	0 ANNUAL	PIT	5	
MINE	422130	5405023	0.04288	355	355	0 ANNUAL	PIT	5	
MINE	422130	5404823	0.04074	355.29	355.29	0 ANNUAL	PIT	5	
MINE	422130	5404623	0.03849	353.68	353.68	0 ANNUAL	PIT	5	
MINE	422130	5404423	0.03629	354	354	0 ANNUAL	PIT	5	
MINE	422130	5404223	0.03423	355	355	0 ANNUAL	PIT	5	
MINE	422130	5404023	0.03233	356	356	0 ANNUAL	PIT	5	
MINE	421930	5405223	0.04288	354	354	0 ANNUAL	PIT	5	
MINE	421930	5405023	0.04161	353	353	0 ANNUAL	PIT	5	
MINE	421930	5404823	0.04004	353.17	353.17	0 ANNUAL	PIT	5	
MINE	421930	5404623	0.03823	353	353	0 ANNUAL	PIT	5	
MINE	421930	5404423	0.03628	353.07	353.07	0 ANNUAL	PIT	5	
MINE	421930	5404223	0.03433	354.71	354.71	0 ANNUAL	PIT	5	
MINE	421930	5404023	0.03246	356	356	0 ANNUAL	PIT	5	
MINE	421730	5404823	0.03875	352	352	0 ANNUAL	PIT	5	
MINE	421730	5404623	0.03747	352	352	0 ANNUAL	PIT	5	
MINE	421730	5404423	0.03596	354	354	0 ANNUAL	PIT	5	
MINE	421730	5404223	0.03428	355.94	355.94	0 ANNUAL	PIT	5	
MINE	421730	5404023	0.03254	356	356	0 ANNUAL	PIT	5	
MINE	421530	5404823	0.03699	351	351	0 ANNUAL	PIT	5	
MINE	421530	5404623	0.03618	352	352	0 ANNUAL	PIT	5	
MINE	421530	5404423	0.03517	356.94	356.94	0 ANNUAL	PIT	5	
MINE	421530	5404223	0.03387	358.73	358.73	0 ANNUAL	PIT	5	
MINE	421530	5404023	0.03241	358	358	0 ANNUAL	PIT	5	
MINE	421330	5404823	0.03508	351	351	0 ANNUAL	PIT	5	
MINE	421330	5404623	0.03453	353.8	353.8	0 ANNUAL	PIT	5	
MINE	421330	5404423	0.03385	360	360	0 ANNUAL	PIT	5	
MINE	421330	5404223	0.033	360	360	0 ANNUAL	PIT	5	
MINE	421330	5404023	0.03193	360	360	0 ANNUAL	PIT	5	
MINE	421130	5404823	0.03333	350	350	0 ANNUAL	PIT	5	
MINE	421130	5404623	0.03277	353	353	0 ANNUAL	PIT	5	
MINE	421130	5404423	0.0323	357	357	0 ANNUAL	PIT	5	
MINE	421130	5404223	0.03174	359.03	359.03	0 ANNUAL	PIT	5	
MINE	421130	5404023	0.03104	360	360	0 ANNUAL	PIT	5	
MINE	420930	5405223	0.03482	351	351	0 ANNUAL	PIT	5	
MINE	420930	5405023	0.03318	350	350	0 ANNUAL	PIT	5	
MINE	420930	5404823	0.03198	350	350	0 ANNUAL	PIT	5	
MINE	420930	5404623	0.03119	351.04	351.04	0 ANNUAL	PIT	5	
MINE	420930	5404423	0.03068	353.96	353.96	0 ANNUAL	PIT	5	
MINE	420930	5404223	0.03028	356	356	0 ANNUAL	PIT	5	
MINE	420930	5404023	0.02982	358	358	0 ANNUAL	PIT	5	
MINE	420730	5405223	0.03437	354	354	0 ANNUAL	PIT	5	
MINE	420730	5405023	0.0326	352	352	0 ANNUAL	PIT	5	
MINE	420730	5404823	0.03109	350	350	0 ANNUAL	PIT	5	
MINE	420730	5404623	0.02998	350	350	0 ANNUAL	PIT	5	
MINE	420730	5404423	0.02926	352.66	352.66	0 ANNUAL	PIT	5	
MINE	420730	5404223	0.0288	356	356	0 ANNUAL	PIT	5	
MINE	420730	5404023	0.02841	360	360	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	420530	5405623	0.03732	356	356	0 ANNUAL	PIT	5	
MINE	420530	5405423	0.03555	359	359	0 ANNUAL	PIT	5	
MINE	420530	5405223	0.03391	356.61	356.61	0 ANNUAL	PIT	5	
MINE	420530	5405023	0.03222	352	352	0 ANNUAL	PIT	5	
MINE	420530	5404823	0.03058	350	350	0 ANNUAL	PIT	5	
MINE	420530	5404623	0.0292	349	349	0 ANNUAL	PIT	5	
MINE	420530	5404423	0.02818	350	350	0 ANNUAL	PIT	5	
MINE	420530	5404223	0.02752	355	355	0 ANNUAL	PIT	5	
MINE	420530	5404023	0.02705	360	360	0 ANNUAL	PIT	5	
MINE	420330	5405623	0.03658	355.24	355.24	0 ANNUAL	PIT	5	
MINE	420330	5405423	0.03482	359.97	359.97	0 ANNUAL	PIT	5	
MINE	420330	5405223	0.03331	358	358	0 ANNUAL	PIT	5	
MINE	420330	5405023	0.0318	353.11	353.11	0 ANNUAL	PIT	5	
MINE	420330	5404823	0.03024	350	350	0 ANNUAL	PIT	5	
MINE	420330	5404623	0.02876	349	349	0 ANNUAL	PIT	5	
MINE	420330	5404423	0.02751	350.05	350.05	0 ANNUAL	PIT	5	
MINE	420330	5404223	0.02658	354.68	354.68	0 ANNUAL	PIT	5	
MINE	420330	5404023	0.02591	360	360	0 ANNUAL	PIT	5	
MINE	420130	5406823	0.04791	346	346	0 ANNUAL	PIT	5	
MINE	420130	5406623	0.04692	347	347	0 ANNUAL	PIT	5	
MINE	420130	5406423	0.04522	349	349	0 ANNUAL	PIT	5	
MINE	420130	5406223	0.04297	350	350	0 ANNUAL	PIT	5	
MINE	420130	5405623	0.03596	357.36	357.36	0 ANNUAL	PIT	5	
MINE	420130	5405423	0.03416	358	358	0 ANNUAL	PIT	5	
MINE	420130	5405223	0.03267	355.32	355.32	0 ANNUAL	PIT	5	
MINE	420130	5405023	0.03127	352	352	0 ANNUAL	PIT	5	
MINE	420130	5404823	0.02988	349.1	349.1	0 ANNUAL	PIT	5	
MINE	420130	5404623	0.02847	349	349	0 ANNUAL	PIT	5	
MINE	420130	5404423	0.02712	349	349	0 ANNUAL	PIT	5	
MINE	420130	5404223	0.02597	351.8	351.8	0 ANNUAL	PIT	5	
MINE	420130	5404023	0.0251	355	355	0 ANNUAL	PIT	5	
MINE	422930	5407823	0.11023	364.52	367	0 ANNUAL	PIT	5	
MINE	422930	5408023	0.1233	358	358	0 ANNUAL	PIT	5	
MINE	422930	5408223	0.13538	356.42	356.42	0 ANNUAL	PIT	5	
MINE	422930	5408423	0.14403	354.99	354.99	0 ANNUAL	PIT	5	
MINE	422730	5407023	0.07509	359	359	0 ANNUAL	PIT	5	
MINE	422730	5407223	0.08054	363	363	0 ANNUAL	PIT	5	
MINE	422730	5407423	0.08765	366.78	366.78	0 ANNUAL	PIT	5	
MINE	422730	5407623	0.09711	360.44	360.44	0 ANNUAL	PIT	5	
MINE	422730	5407823	0.1073	358.92	358.92	0 ANNUAL	PIT	5	
MINE	422730	5408023	0.11794	357	357	0 ANNUAL	PIT	5	
MINE	422730	5408223	0.12662	356	356	0 ANNUAL	PIT	5	
MINE	422730	5408423	0.13128	354	354	0 ANNUAL	PIT	5	
MINE	422530	5407023	0.07269	358	358	0 ANNUAL	PIT	5	
MINE	422530	5407223	0.07875	359.17	359.17	0 ANNUAL	PIT	5	
MINE	422530	5407423	0.08531	363.71	363.71	0 ANNUAL	PIT	5	
MINE	422530	5407623	0.09426	360	360	0 ANNUAL	PIT	5	
MINE	422530	5407823	0.10347	358	358	0 ANNUAL	PIT	5	
MINE	422530	5408023	0.11177	357	357	0 ANNUAL	PIT	5	
MINE	422530	5408223	0.11719	355.64	355.64	0 ANNUAL	PIT	5	
MINE	422530	5408423	0.11912	354.8	354.8	0 ANNUAL	PIT	5	
MINE	422330	5407023	0.07071	357.42	357.42	0 ANNUAL	PIT	5	
MINE	422330	5407223	0.07659	359	359	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	422330	5407423	0.08352	361	361	0 ANNUAL	PIT	5	
MINE	422330	5407623	0.09142	359	359	0 ANNUAL	PIT	5	
MINE	422330	5407823	0.09909	358	358	0 ANNUAL	PIT	5	
MINE	422330	5408023	0.10487	356	356	0 ANNUAL	PIT	5	
MINE	422330	5408223	0.10763	354	354	0 ANNUAL	PIT	5	
MINE	422330	5408423	0.1079	352.76	352.76	0 ANNUAL	PIT	5	
MINE	422330	5414423	0.07124	380.97	380.97	0 ANNUAL	PIT	5	
MINE	422330	5414623	0.06956	382	382	0 ANNUAL	PIT	5	
MINE	422330	5414823	0.0685	383	383	0 ANNUAL	PIT	5	
MINE	422330	5415023	0.06684	387	387	0 ANNUAL	PIT	5	
MINE	422130	5407023	0.06887	357	357	0 ANNUAL	PIT	5	
MINE	422130	5407223	0.07465	358.98	358.98	0 ANNUAL	PIT	5	
MINE	422130	5407423	0.08134	360	360	0 ANNUAL	PIT	5	
MINE	422130	5407623	0.08827	359	359	0 ANNUAL	PIT	5	
MINE	422130	5407823	0.09405	358	358	0 ANNUAL	PIT	5	
MINE	422130	5408023	0.09752	356	356	0 ANNUAL	PIT	5	
MINE	422130	5408223	0.09854	354	354	0 ANNUAL	PIT	5	
MINE	422130	5408423	0.09796	352	352	0 ANNUAL	PIT	5	
MINE	422130	5414423	0.06537	388.19	388.19	0 ANNUAL	PIT	5	
MINE	422130	5414623	0.06562	380	380	0 ANNUAL	PIT	5	
MINE	422130	5414823	0.06421	380	380	0 ANNUAL	PIT	5	
MINE	422130	5415023	0.06201	385.88	385.88	0 ANNUAL	PIT	5	
MINE	421930	5407023	0.06722	356.18	356.18	0 ANNUAL	PIT	5	
MINE	421930	5407223	0.07289	358.81	358.81	0 ANNUAL	PIT	5	
MINE	421930	5407423	0.07901	360	360	0 ANNUAL	PIT	5	
MINE	421930	5407623	0.08457	360	360	0 ANNUAL	PIT	5	
MINE	421930	5407823	0.08846	358	358	0 ANNUAL	PIT	5	
MINE	421930	5408023	0.09018	356	356	0 ANNUAL	PIT	5	
MINE	421930	5408223	0.09018	353.02	353.02	0 ANNUAL	PIT	5	
MINE	421930	5408423	0.08921	351	351	0 ANNUAL	PIT	5	
MINE	421930	5414423	0.06236	385.74	385.74	0 ANNUAL	PIT	5	
MINE	421930	5414623	0.06232	379	379	0 ANNUAL	PIT	5	
MINE	421930	5414823	0.06056	380	380	0 ANNUAL	PIT	5	
MINE	421930	5415023	0.05861	382.79	382.79	0 ANNUAL	PIT	5	
MINE	421730	5407023	0.06573	357.06	357.06	0 ANNUAL	PIT	5	
MINE	421730	5407223	0.07109	360	360	0 ANNUAL	PIT	5	
MINE	421730	5407423	0.07632	360	360	0 ANNUAL	PIT	5	
MINE	421730	5407623	0.08036	360	360	0 ANNUAL	PIT	5	
MINE	421730	5407823	0.08262	357.39	357.39	0 ANNUAL	PIT	5	
MINE	421730	5408023	0.08317	354.66	354.66	0 ANNUAL	PIT	5	
MINE	421730	5408223	0.0827	353	353	0 ANNUAL	PIT	5	
MINE	421730	5408423	0.08157	351	351	0 ANNUAL	PIT	5	
MINE	421730	5414423	0.05872	382.01	382.01	0 ANNUAL	PIT	5	
MINE	421730	5414623	0.05876	379.16	379.16	0 ANNUAL	PIT	5	
MINE	421730	5414823	0.05775	378.8	378.8	0 ANNUAL	PIT	5	
MINE	421730	5415023	0.056	381	381	0 ANNUAL	PIT	5	
MINE	421530	5407023	0.06433	357	357	0 ANNUAL	PIT	5	
MINE	421530	5407223	0.0691	359.79	359.79	0 ANNUAL	PIT	5	
MINE	421530	5407423	0.07317	360	360	0 ANNUAL	PIT	5	
MINE	421530	5407623	0.07576	360	360	0 ANNUAL	PIT	5	
MINE	421530	5407823	0.07684	356.51	356.51	0 ANNUAL	PIT	5	
MINE	421530	5408023	0.07673	352.98	352.98	0 ANNUAL	PIT	5	
MINE	421530	5408223	0.07599	350.7	350.7	0 ANNUAL	PIT	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	421530	5408423	0.07479	349	349	0 ANNUAL	PIT	5	
MINE	421530	5414423	0.05287	388.41	388.41	0 ANNUAL	PIT	5	
MINE	421530	5414623	0.05469	380	380	0 ANNUAL	PIT	5	
MINE	421530	5414823	0.05467	377.68	377.68	0 ANNUAL	PIT	5	
MINE	421530	5415023	0.05356	380	380	0 ANNUAL	PIT	5	
MINE	421330	5407023	0.06282	354.93	354.93	0 ANNUAL	PIT	5	
MINE	421330	5407223	0.06679	356	356	0 ANNUAL	PIT	5	
MINE	421330	5407423	0.06965	356	356	0 ANNUAL	PIT	5	
MINE	421330	5407623	0.07106	355.08	355.08	0 ANNUAL	PIT	5	
MINE	421330	5407823	0.0713	353	353	0 ANNUAL	PIT	5	
MINE	421330	5408023	0.07087	350	350	0 ANNUAL	PIT	5	
MINE	421330	5408223	0.06999	348.2	348.2	0 ANNUAL	PIT	5	
MINE	421330	5408423	0.06883	347	347	0 ANNUAL	PIT	5	
MINE	421330	5408623	0.0682	345	345	0 ANNUAL	PIT	5	
MINE	421330	5414423	0.05042	382.81	382.81	0 ANNUAL	PIT	5	
MINE	421330	5414623	0.05079	379.05	379.05	0 ANNUAL	PIT	5	
MINE	421330	5414823	0.05114	377	377	0 ANNUAL	PIT	5	
MINE	421330	5415023	0.0507	380	380	0 ANNUAL	PIT	5	
MINE	421130	5407823	0.06616	349	349	0 ANNUAL	PIT	5	
MINE	421130	5408023	0.06564	348.68	348.68	0 ANNUAL	PIT	5	
MINE	421130	5408223	0.06468	347	347	0 ANNUAL	PIT	5	
MINE	421130	5408423	0.06361	345	345	0 ANNUAL	PIT	5	
MINE	421130	5408623	0.06342	344	344	0 ANNUAL	PIT	5	
MINE	421130	5414423	0.04922	377	377	0 ANNUAL	PIT	5	
MINE	421130	5414623	0.04794	376	376	0 ANNUAL	PIT	5	
MINE	421130	5414823	0.04717	380	380	0 ANNUAL	PIT	5	
MINE	421130	5415023	0.04751	379	379	0 ANNUAL	PIT	5	
MINE	420930	5407823	0.06155	347.66	347.66	0 ANNUAL	PIT	5	
MINE	420930	5408023	0.0609	346.67	346.67	0 ANNUAL	PIT	5	
MINE	420930	5408223	0.0599	345	345	0 ANNUAL	PIT	5	
MINE	420930	5408423	0.05908	344	344	0 ANNUAL	PIT	5	
MINE	420930	5408623	0.05928	343	343	0 ANNUAL	PIT	5	
MINE	420930	5414423	0.04837	375	375	0 ANNUAL	PIT	5	
MINE	420930	5414623	0.04579	376.68	376.68	0 ANNUAL	PIT	5	
MINE	420930	5414823	0.04386	381.83	381.83	0 ANNUAL	PIT	5	
MINE	420930	5415023	0.04369	383	383	0 ANNUAL	PIT	5	
MINE	420730	5407823	0.05737	346	346	0 ANNUAL	PIT	5	
MINE	420730	5408023	0.05663	345	345	0 ANNUAL	PIT	5	
MINE	420730	5408223	0.05567	344	344	0 ANNUAL	PIT	5	
MINE	420730	5408423	0.05513	343	343	0 ANNUAL	PIT	5	
MINE	420730	5408623	0.05571	343	343	0 ANNUAL	PIT	5	
MINE	420730	5413623	0.04997	378.28	378.28	0 ANNUAL	PIT	5	
MINE	420730	5413823	0.05095	380	380	0 ANNUAL	PIT	5	
MINE	420730	5414023	0.05096	380	380	0 ANNUAL	PIT	5	
MINE	420730	5414223	0.0499	377.28	377.28	0 ANNUAL	PIT	5	
MINE	420730	5414423	0.04766	375.08	375.08	0 ANNUAL	PIT	5	
MINE	420730	5414623	0.04452	379.56	379.56	0 ANNUAL	PIT	5	
MINE	420730	5414823	0.04167	384	384	0 ANNUAL	PIT	5	
MINE	420730	5415023	0.0407	383.98	383.98	0 ANNUAL	PIT	5	
MINE	420530	5408023	0.05278	344	344	0 ANNUAL	PIT	5	
MINE	420530	5408223	0.05191	342.9	342.9	0 ANNUAL	PIT	5	
MINE	420530	5408423	0.05173	343	343	0 ANNUAL	PIT	5	
MINE	420530	5408623	0.05264	345.49	345.49	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	420530	5408823	0.05376	348	348	0 ANNUAL	PIT	5	
MINE	420530	5409023	0.05386	349	349	0 ANNUAL	PIT	5	
MINE	420530	5409223	0.05284	350.3	350.3	0 ANNUAL	PIT	5	
MINE	420530	5409423	0.0516	353.94	353.94	0 ANNUAL	PIT	5	
MINE	420530	5413623	0.04555	380	380	0 ANNUAL	PIT	5	
MINE	420530	5413823	0.04719	380.11	380.11	0 ANNUAL	PIT	5	
MINE	420530	5414023	0.04813	379	379	0 ANNUAL	PIT	5	
MINE	420530	5414223	0.0478	380	380	0 ANNUAL	PIT	5	
MINE	420530	5414423	0.04667	375.64	375.64	0 ANNUAL	PIT	5	
MINE	420530	5414623	0.04407	380.11	380.11	0 ANNUAL	PIT	5	
MINE	420530	5414823	0.04125	382	382	0 ANNUAL	PIT	5	
MINE	420530	5415023	0.03948	380.3	380.3	0 ANNUAL	PIT	5	
MINE	420330	5408823	0.05073	348	348	0 ANNUAL	PIT	5	
MINE	420330	5409023	0.05057	349	349	0 ANNUAL	PIT	5	
MINE	420330	5409223	0.04951	351	351	0 ANNUAL	PIT	5	
MINE	420330	5409423	0.04838	354	354	0 ANNUAL	PIT	5	
MINE	420330	5413623	0.04179	380	380	0 ANNUAL	PIT	5	
MINE	420330	5413823	0.04343	380	380	0 ANNUAL	PIT	5	
MINE	420330	5414023	0.04481	380	380	0 ANNUAL	PIT	5	
MINE	420330	5414223	0.04537	379.52	379.52	0 ANNUAL	PIT	5	
MINE	420330	5414423	0.04519	373.32	373.32	0 ANNUAL	PIT	5	
MINE	420330	5414623	0.04355	378.31	378.31	0 ANNUAL	PIT	5	
MINE	420330	5414823	0.04119	380	380	0 ANNUAL	PIT	5	
MINE	420330	5415023	0.03881	379.88	379.88	0 ANNUAL	PIT	5	
MINE	420130	5407023	0.04826	346	346	0 ANNUAL	PIT	5	
MINE	420130	5408823	0.04792	348	348	0 ANNUAL	PIT	5	
MINE	420130	5409023	0.04754	349	349	0 ANNUAL	PIT	5	
MINE	420130	5409223	0.04646	350.06	350.06	0 ANNUAL	PIT	5	
MINE	420130	5409423	0.04547	353	353	0 ANNUAL	PIT	5	
MINE	420130	5413623	0.03875	380	380	0 ANNUAL	PIT	5	
MINE	420130	5413823	0.0399	380	380	0 ANNUAL	PIT	5	
MINE	420130	5414023	0.04147	380	380	0 ANNUAL	PIT	5	
MINE	420130	5414223	0.04262	379	379	0 ANNUAL	PIT	5	
MINE	420130	5414423	0.04312	374.12	374.12	0 ANNUAL	PIT	5	
MINE	420130	5414623	0.04247	373	373	0 ANNUAL	PIT	5	
MINE	420130	5414823	0.04094	374.98	374.98	0 ANNUAL	PIT	5	
MINE	420130	5415023	0.03886	375	375	0 ANNUAL	PIT	5	
MINE	420130	5415523	0.03453	379	379	0 ANNUAL	PIT	5	
MINE	420130	5416023	0.03466	382	382	0 ANNUAL	PIT	5	
MINE	420130	5416523	0.03448	379.22	379.22	0 ANNUAL	PIT	5	
MINE	420130	5417023	0.03256	381.82	381.82	0 ANNUAL	PIT	5	
MINE	420630	5415523	0.04031	380	380	0 ANNUAL	PIT	5	
MINE	420630	5416023	0.03929	385	385	0 ANNUAL	PIT	5	
MINE	420630	5416523	0.03456	401.03	401.03	0 ANNUAL	PIT	5	
MINE	420630	5417023	0.03369	398.57	398.57	0 ANNUAL	PIT	5	
MINE	421130	5415523	0.04502	390	390	0 ANNUAL	PIT	5	
MINE	421130	5416023	0.04129	394.24	394.24	0 ANNUAL	PIT	5	
MINE	421130	5416523	0.03981	398	398	0 ANNUAL	PIT	5	
MINE	421130	5417023	0.04034	396.4	396.4	0 ANNUAL	PIT	5	
MINE	421630	5415523	0.05135	383	383	0 ANNUAL	PIT	5	
MINE	421630	5416023	0.04978	389.02	389.02	0 ANNUAL	PIT	5	
MINE	421630	5416523	0.04557	400	400	0 ANNUAL	PIT	5	
MINE	421630	5417023	0.0421	396.05	396.05	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	422130	5415523	0.06045	387.26	387.26	0 ANNUAL	PIT	5	
MINE	422130	5416023	0.05499	390	390	0 ANNUAL	PIT	5	
MINE	422130	5416523	0.0472	395.11	395.11	0 ANNUAL	PIT	5	
MINE	422130	5417023	0.04164	399.02	399.02	0 ANNUAL	PIT	5	
MINE	422630	5415523	0.06075	396.51	396.51	0 ANNUAL	PIT	5	
MINE	422630	5416023	0.05491	393.38	393.38	0 ANNUAL	PIT	5	
MINE	422630	5416523	0.0459	410	410	0 ANNUAL	PIT	5	
MINE	422630	5417023	0.04669	406.54	406.54	0 ANNUAL	PIT	5	
MINE	423130	5415523	0.06567	397.95	397.95	0 ANNUAL	PIT	5	
MINE	423130	5416023	0.0627	399	399	0 ANNUAL	PIT	5	
MINE	423130	5416523	0.05794	400	400	0 ANNUAL	PIT	5	
MINE	423130	5417023	0.04793	410	410	0 ANNUAL	PIT	5	
MINE	423630	5415523	0.07444	399.47	399.47	0 ANNUAL	PIT	5	
MINE	423630	5416023	0.06802	393.25	393.25	0 ANNUAL	PIT	5	
MINE	423630	5416523	0.05964	393	393	0 ANNUAL	PIT	5	
MINE	423630	5417023	0.05481	387	387	0 ANNUAL	PIT	5	
MINE	424130	5415523	0.07305	401	401	0 ANNUAL	PIT	5	
MINE	424130	5416023	0.06978	390.35	390.35	0 ANNUAL	PIT	5	
MINE	424130	5416523	0.06427	380	380	0 ANNUAL	PIT	5	
MINE	424130	5417023	0.05779	375.19	375.19	0 ANNUAL	PIT	5	
MINE	424630	5415523	0.08479	384.17	384.17	0 ANNUAL	PIT	5	
MINE	424630	5416023	0.07497	382.4	382.4	0 ANNUAL	PIT	5	
MINE	424630	5416523	0.06796	374	374	0 ANNUAL	PIT	5	
MINE	424630	5417023	0.06065	376.51	376.51	0 ANNUAL	PIT	5	
MINE	425130	5415523	0.09217	377	377	0 ANNUAL	PIT	5	
MINE	425130	5416023	0.07977	379.13	379.13	0 ANNUAL	PIT	5	
MINE	425130	5416523	0.07032	378	378	0 ANNUAL	PIT	5	
MINE	425130	5417023	0.06273	375	375	0 ANNUAL	PIT	5	
MINE	425630	5415523	0.09553	377	377	0 ANNUAL	PIT	5	
MINE	425630	5416023	0.08295	377	377	0 ANNUAL	PIT	5	
MINE	425630	5416523	0.07291	376.72	376.72	0 ANNUAL	PIT	5	
MINE	425630	5417023	0.06444	378.99	378.99	0 ANNUAL	PIT	5	
MINE	426130	5415523	0.09767	380	380	0 ANNUAL	PIT	5	
MINE	426130	5416023	0.08531	378	378	0 ANNUAL	PIT	5	
MINE	426130	5416523	0.07458	380	380	0 ANNUAL	PIT	5	
MINE	426130	5417023	0.06621	380	380	0 ANNUAL	PIT	5	
MINE	426630	5415523	0.09085	389	389	0 ANNUAL	PIT	5	
MINE	426630	5416023	0.08253	382	382	0 ANNUAL	PIT	5	
MINE	426630	5416523	0.07339	380	380	0 ANNUAL	PIT	5	
MINE	426630	5417023	0.0655	378	378	0 ANNUAL	PIT	5	
MINE	427130	5415523	0.07832	386	386	0 ANNUAL	PIT	5	
MINE	427130	5416023	0.06993	385.29	385.29	0 ANNUAL	PIT	5	
MINE	427130	5416523	0.0649	380	380	0 ANNUAL	PIT	5	
MINE	427130	5417023	0.05972	380	380	0 ANNUAL	PIT	5	
MINE	427630	5415523	0.08252	380	380	0 ANNUAL	PIT	5	
MINE	427630	5416023	0.07054	380	380	0 ANNUAL	PIT	5	
MINE	427630	5416523	0.06039	381	381	0 ANNUAL	PIT	5	
MINE	427630	5417023	0.05273	380	380	0 ANNUAL	PIT	5	
MINE	428130	5415523	0.07974	380	380	0 ANNUAL	PIT	5	
MINE	428130	5416023	0.07109	377	377	0 ANNUAL	PIT	5	
MINE	428130	5416523	0.0636	376	376	0 ANNUAL	PIT	5	
MINE	428130	5417023	0.0564	377	377	0 ANNUAL	PIT	5	
MINE	428630	5415523	0.08289	376	376	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	428630	5416023	0.07064	375	375	0 ANNUAL	PIT	5	
MINE	428630	5416523	0.06102	375	375	0 ANNUAL	PIT	5	
MINE	428630	5417023	0.05423	379	379	0 ANNUAL	PIT	5	
MINE	429130	5416023	0.07108	373	373	0 ANNUAL	PIT	5	
MINE	429130	5416523	0.06372	373	373	0 ANNUAL	PIT	5	
MINE	429130	5417023	0.05498	374	374	0 ANNUAL	PIT	5	
MINE	429630	5416023	0.0617	377.96	377.96	0 ANNUAL	PIT	5	
MINE	429630	5416523	0.05948	372	372	0 ANNUAL	PIT	5	
MINE	429630	5417023	0.05613	372	372	0 ANNUAL	PIT	5	
MINE	430130	5416023	0.05295	388.36	400	0 ANNUAL	PIT	5	
MINE	430130	5416523	0.05206	378	411	0 ANNUAL	PIT	5	
MINE	430130	5417023	0.04988	373.81	373.81	0 ANNUAL	PIT	5	
MINE	430630	5416023	0.04812	375	375	0 ANNUAL	PIT	5	
MINE	430630	5416523	0.0454	385.95	411	0 ANNUAL	PIT	5	
MINE	430630	5417023	0.04299	391.87	391.87	0 ANNUAL	PIT	5	
MINE	431130	5416023	0.04202	378	378	0 ANNUAL	PIT	5	
MINE	431130	5416523	0.03956	392	392	0 ANNUAL	PIT	5	
MINE	431130	5417023	0.03888	387.63	402	0 ANNUAL	PIT	5	
MINE	431630	5415523	0.03717	379.96	379.96	0 ANNUAL	PIT	5	
MINE	431630	5416023	0.03547	389.07	389.07	0 ANNUAL	PIT	5	
MINE	431630	5416523	0.03643	376.44	376.44	0 ANNUAL	PIT	5	
MINE	431630	5417023	0.03458	392.08	392.08	0 ANNUAL	PIT	5	
MINE	432130	5415523	0.03385	381	381	0 ANNUAL	PIT	5	
MINE	432130	5416023	0.03241	380	380	0 ANNUAL	PIT	5	
MINE	432130	5416523	0.03065	393.08	393.08	0 ANNUAL	PIT	5	
MINE	432130	5417023	0.03202	373	400	0 ANNUAL	PIT	5	
MINE	432630	5415523	0.02583	407.92	409	0 ANNUAL	PIT	5	
MINE	432630	5416023	0.02934	389.44	421	0 ANNUAL	PIT	5	
MINE	432630	5416523	0.02872	377	377	0 ANNUAL	PIT	5	
MINE	432630	5417023	0.02811	381.97	381.97	0 ANNUAL	PIT	5	
MINE	433130	5415523	0.02293	408.19	408.19	0 ANNUAL	PIT	5	
MINE	433130	5416023	0.02132	420.05	431	0 ANNUAL	PIT	5	
MINE	433130	5416523	0.02619	388.33	440	0 ANNUAL	PIT	5	
MINE	433130	5417023	0.02568	373	373	0 ANNUAL	PIT	5	
MINE	431630	5415023	0.03892	376	376	0 ANNUAL	PIT	5	
MINE	431630	5414523	0.03821	379	379	0 ANNUAL	PIT	5	
MINE	431630	5414023	0.04236	378.4	378.4	0 ANNUAL	PIT	5	
MINE	431630	5413523	0.04395	378	378	0 ANNUAL	PIT	5	
MINE	431630	5413023	0.04442	375	375	0 ANNUAL	PIT	5	
MINE	431630	5412023	0.04983	382	382	0 ANNUAL	PIT	5	
MINE	431630	5411523	0.06122	382	382	0 ANNUAL	PIT	5	
MINE	431630	5411023	0.06146	380	380	0 ANNUAL	PIT	5	
MINE	431630	5410023	0.07263	383.9	383.9	0 ANNUAL	PIT	5	
MINE	431630	5409523	0.0663	381	381	0 ANNUAL	PIT	5	
MINE	431630	5409023	0.06586	366.01	366.01	0 ANNUAL	PIT	5	
MINE	431630	5408523	0.06649	361	361	0 ANNUAL	PIT	5	
MINE	431630	5408023	0.06311	363	363	0 ANNUAL	PIT	5	
MINE	431630	5407523	0.06159	369	369	0 ANNUAL	PIT	5	
MINE	431630	5407023	0.0585	378.31	378.31	0 ANNUAL	PIT	5	
MINE	431630	5406523	0.0514	377	377	0 ANNUAL	PIT	5	
MINE	431630	5406023	0.04598	372.49	372.49	0 ANNUAL	PIT	5	
MINE	431630	5405523	0.04139	367	367	0 ANNUAL	PIT	5	
MINE	431630	5405023	0.03644	369	369	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	431630	5404523	0.03366	370.02	370.02	0 ANNUAL	PIT	5	
MINE	431630	5404023	0.03342	367	367	0 ANNUAL	PIT	5	
MINE	431630	5403523	0.03227	369.7	382	0 ANNUAL	PIT	5	
MINE	431630	5403023	0.03005	365	365	0 ANNUAL	PIT	5	
MINE	431630	5402523	0.02763	360	360	0 ANNUAL	PIT	5	
MINE	431630	5402023	0.02529	358.21	358.21	0 ANNUAL	PIT	5	
MINE	432130	5415023	0.03325	380	380	0 ANNUAL	PIT	5	
MINE	432130	5414523	0.0354	381	381	0 ANNUAL	PIT	5	
MINE	432130	5414023	0.03898	376.05	376.05	0 ANNUAL	PIT	5	
MINE	432130	5413523	0.03807	376.44	376.44	0 ANNUAL	PIT	5	
MINE	432130	5413023	0.03995	378	378	0 ANNUAL	PIT	5	
MINE	432130	5412523	0.04231	374	374	0 ANNUAL	PIT	5	
MINE	432130	5412023	0.04742	376.57	376.57	0 ANNUAL	PIT	5	
MINE	432130	5411523	0.05489	375.96	375.96	0 ANNUAL	PIT	5	
MINE	432130	5411023	0.05509	373.18	373.18	0 ANNUAL	PIT	5	
MINE	432130	5410523	0.06311	370	370	0 ANNUAL	PIT	5	
MINE	432130	5410023	0.06504	370.42	370.42	0 ANNUAL	PIT	5	
MINE	432130	5409523	0.05915	371.86	371.86	0 ANNUAL	PIT	5	
MINE	432130	5409023	0.05746	371	371	0 ANNUAL	PIT	5	
MINE	432130	5408523	0.0581	362	362	0 ANNUAL	PIT	5	
MINE	432130	5408023	0.05637	370	370	0 ANNUAL	PIT	5	
MINE	432130	5407523	0.05304	372	372	0 ANNUAL	PIT	5	
MINE	432130	5407023	0.05364	376	376	0 ANNUAL	PIT	5	
MINE	432130	5406523	0.04859	373	373	0 ANNUAL	PIT	5	
MINE	432130	5406023	0.04343	369.31	369.31	0 ANNUAL	PIT	5	
MINE	432130	5405523	0.03918	369	369	0 ANNUAL	PIT	5	
MINE	432130	5405023	0.03531	375.42	375.42	0 ANNUAL	PIT	5	
MINE	432130	5404523	0.03092	376.61	376.61	0 ANNUAL	PIT	5	
MINE	432130	5404023	0.02898	375	377	0 ANNUAL	PIT	5	
MINE	432130	5403523	0.02926	366.89	366.89	0 ANNUAL	PIT	5	
MINE	432130	5403023	0.02845	368	368	0 ANNUAL	PIT	5	
MINE	432130	5402523	0.02656	359.64	359.64	0 ANNUAL	PIT	5	
MINE	432130	5402023	0.02471	373.53	373.53	0 ANNUAL	PIT	5	
MINE	432630	5415023	0.0275	401.58	401.58	0 ANNUAL	PIT	5	
MINE	432630	5414523	0.03353	388.61	398	0 ANNUAL	PIT	5	
MINE	432630	5414023	0.03376	378.54	378.54	0 ANNUAL	PIT	5	
MINE	432630	5413523	0.03399	379.82	379.82	0 ANNUAL	PIT	5	
MINE	432630	5413023	0.03634	380	380	0 ANNUAL	PIT	5	
MINE	432630	5412523	0.03749	378	378	0 ANNUAL	PIT	5	
MINE	432630	5412023	0.04445	380	380	0 ANNUAL	PIT	5	
MINE	432630	5411523	0.04836	378.87	378.87	0 ANNUAL	PIT	5	
MINE	432630	5411023	0.04851	379	379	0 ANNUAL	PIT	5	
MINE	432630	5410523	0.05595	375	375	0 ANNUAL	PIT	5	
MINE	432630	5410023	0.05759	372	372	0 ANNUAL	PIT	5	
MINE	432630	5409523	0.05191	374.92	374.92	0 ANNUAL	PIT	5	
MINE	432630	5409023	0.05125	368.66	368.66	0 ANNUAL	PIT	5	
MINE	432630	5408523	0.05048	369.05	369.05	0 ANNUAL	PIT	5	
MINE	432630	5408023	0.05095	370	370	0 ANNUAL	PIT	5	
MINE	432630	5407523	0.04726	370	370	0 ANNUAL	PIT	5	
MINE	432630	5407023	0.04758	372	372	0 ANNUAL	PIT	5	
MINE	432630	5406523	0.04561	377.4	377.4	0 ANNUAL	PIT	5	
MINE	432630	5406023	0.04062	378	378	0 ANNUAL	PIT	5	
MINE	432630	5405523	0.0368	374.78	374.78	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	432630	5405023	0.0334	379.88	379.88	0 ANNUAL	PIT	5	
MINE	432630	5404523	0.02998	390	390	0 ANNUAL	PIT	5	
MINE	432630	5404023	0.02689	376.66	376.66	0 ANNUAL	PIT	5	
MINE	432630	5403523	0.02589	368.08	368.08	0 ANNUAL	PIT	5	
MINE	432630	5403023	0.02588	365.22	365.22	0 ANNUAL	PIT	5	
MINE	432630	5402523	0.02517	362.08	362.08	0 ANNUAL	PIT	5	
MINE	432630	5402023	0.02387	372	372	0 ANNUAL	PIT	5	
MINE	433130	5415023	0.02699	404.73	404.73	0 ANNUAL	PIT	5	
MINE	433130	5414523	0.03063	381.51	381.51	0 ANNUAL	PIT	5	
MINE	433130	5414023	0.03012	374.67	374.67	0 ANNUAL	PIT	5	
MINE	433130	5413523	0.03154	376.92	376.92	0 ANNUAL	PIT	5	
MINE	433130	5413023	0.03296	380	380	0 ANNUAL	PIT	5	
MINE	433130	5412523	0.03462	376.78	391	0 ANNUAL	PIT	5	
MINE	433130	5412023	0.04166	381.37	381.37	0 ANNUAL	PIT	5	
MINE	433130	5411523	0.04269	380	380	0 ANNUAL	PIT	5	
MINE	433130	5411023	0.04357	381.98	381.98	0 ANNUAL	PIT	5	
MINE	433130	5410523	0.04994	379	379	0 ANNUAL	PIT	5	
MINE	433130	5410023	0.05138	376.36	376.36	0 ANNUAL	PIT	5	
MINE	433130	5409523	0.0464	373.38	373.38	0 ANNUAL	PIT	5	
MINE	433130	5409023	0.046	367	367	0 ANNUAL	PIT	5	
MINE	433130	5408523	0.04482	366	366	0 ANNUAL	PIT	5	
MINE	433130	5408023	0.04589	368	368	0 ANNUAL	PIT	5	
MINE	433130	5407523	0.04312	370	370	0 ANNUAL	PIT	5	
MINE	433130	5407023	0.04158	374.55	374.55	0 ANNUAL	PIT	5	
MINE	433130	5406523	0.04223	380	380	0 ANNUAL	PIT	5	
MINE	433130	5406023	0.03854	379	379	0 ANNUAL	PIT	5	
MINE	433130	5405523	0.03465	381.05	381.05	0 ANNUAL	PIT	5	
MINE	433130	5405023	0.03106	389	389	0 ANNUAL	PIT	5	
MINE	433130	5404523	0.02895	387.03	387.03	0 ANNUAL	PIT	5	
MINE	433130	5404023	0.02659	380.92	380.92	0 ANNUAL	PIT	5	
MINE	433130	5403523	0.02401	369	369	0 ANNUAL	PIT	5	
MINE	433130	5403023	0.02292	369.97	369.97	0 ANNUAL	PIT	5	
MINE	433130	5402523	0.0231	370	370	0 ANNUAL	PIT	5	
MINE	433130	5402023	0.02271	381	381	0 ANNUAL	PIT	5	
MINE	431130	5403523	0.03413	367	367	0 ANNUAL	PIT	5	
MINE	431130	5403023	0.03106	360.84	360.84	0 ANNUAL	PIT	5	
MINE	431130	5402523	0.02802	365.9	365.9	0 ANNUAL	PIT	5	
MINE	431130	5402023	0.02564	360	360	0 ANNUAL	PIT	5	
MINE	430630	5403523	0.0352	361	361	0 ANNUAL	PIT	5	
MINE	430630	5403023	0.03146	364	364	0 ANNUAL	PIT	5	
MINE	430630	5402523	0.02852	364.18	364.18	0 ANNUAL	PIT	5	
MINE	430630	5402023	0.02614	360	360	0 ANNUAL	PIT	5	
MINE	430130	5403523	0.03558	367	367	0 ANNUAL	PIT	5	
MINE	430130	5403023	0.03211	370	370	0 ANNUAL	PIT	5	
MINE	430130	5402523	0.02916	365.58	365.58	0 ANNUAL	PIT	5	
MINE	430130	5402023	0.02617	360	360	0 ANNUAL	PIT	5	
MINE	429630	5403523	0.03653	370	370	0 ANNUAL	PIT	5	
MINE	429630	5403023	0.03246	368.94	368.94	0 ANNUAL	PIT	5	
MINE	429630	5402523	0.02873	366	366	0 ANNUAL	PIT	5	
MINE	429630	5402023	0.02559	362	362	0 ANNUAL	PIT	5	
MINE	429130	5403523	0.03609	369	369	0 ANNUAL	PIT	5	
MINE	429130	5403023	0.03156	367	367	0 ANNUAL	PIT	5	
MINE	429130	5402523	0.02792	364	364	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	429130	5402023	0.02493	364	364	0 ANNUAL	PIT	5	
MINE	428630	5403523	0.03496	368	368	0 ANNUAL	PIT	5	
MINE	428630	5403023	0.03076	368	368	0 ANNUAL	PIT	5	
MINE	428630	5402523	0.02738	368	368	0 ANNUAL	PIT	5	
MINE	428630	5402023	0.02455	366.82	366.82	0 ANNUAL	PIT	5	
MINE	428130	5403523	0.03423	369	369	0 ANNUAL	PIT	5	
MINE	428130	5403023	0.03003	370.46	370.46	0 ANNUAL	PIT	5	
MINE	428130	5402523	0.02653	371	371	0 ANNUAL	PIT	5	
MINE	428130	5402023	0.02371	370	370	0 ANNUAL	PIT	5	
MINE	427630	5403523	0.03338	368	368	0 ANNUAL	PIT	5	
MINE	427630	5403023	0.02949	371	371	0 ANNUAL	PIT	5	
MINE	427630	5402523	0.02642	375	375	0 ANNUAL	PIT	5	
MINE	427630	5402023	0.02401	375.58	375.58	0 ANNUAL	PIT	5	
MINE	427130	5403523	0.03337	368	368	0 ANNUAL	PIT	5	
MINE	427130	5403023	0.0294	372	372	0 ANNUAL	PIT	5	
MINE	427130	5402523	0.02596	375	375	0 ANNUAL	PIT	5	
MINE	427130	5402023	0.02297	378	378	0 ANNUAL	PIT	5	
MINE	426630	5403523	0.03027	366	366	0 ANNUAL	PIT	5	
MINE	426630	5403023	0.02566	377.23	377.23	0 ANNUAL	PIT	5	
MINE	426630	5402523	0.02257	379	379	0 ANNUAL	PIT	5	
MINE	426630	5402023	0.02041	376	376	0 ANNUAL	PIT	5	
MINE	426130	5403523	0.03037	366.78	366.78	0 ANNUAL	PIT	5	
MINE	426130	5403023	0.02584	389.9	389.9	0 ANNUAL	PIT	5	
MINE	426130	5402523	0.0241	378.72	378.72	0 ANNUAL	PIT	5	
MINE	426130	5402023	0.02195	377	377	0 ANNUAL	PIT	5	
MINE	425630	5403523	0.03207	368.19	368.19	0 ANNUAL	PIT	5	
MINE	425630	5403023	0.02821	371	371	0 ANNUAL	PIT	5	
MINE	425630	5402523	0.02479	378	378	0 ANNUAL	PIT	5	
MINE	425630	5402023	0.0224	376	376	0 ANNUAL	PIT	5	
MINE	425130	5403523	0.03547	368.04	368.04	0 ANNUAL	PIT	5	
MINE	425130	5403023	0.03128	375	375	0 ANNUAL	PIT	5	
MINE	425130	5402523	0.02776	377	377	0 ANNUAL	PIT	5	
MINE	425130	5402023	0.0245	384.6	384.6	0 ANNUAL	PIT	5	
MINE	424630	5403523	0.03501	369.33	369.33	0 ANNUAL	PIT	5	
MINE	424630	5403023	0.03105	379.99	379.99	0 ANNUAL	PIT	5	
MINE	424630	5402523	0.02818	380	380	0 ANNUAL	PIT	5	
MINE	424630	5402023	0.02575	379	379	0 ANNUAL	PIT	5	
MINE	424130	5403523	0.03304	365.91	365.91	0 ANNUAL	PIT	5	
MINE	424130	5403023	0.02966	371	371	0 ANNUAL	PIT	5	
MINE	424130	5402523	0.02647	381	381	0 ANNUAL	PIT	5	
MINE	424130	5402023	0.02425	378.03	378.03	0 ANNUAL	PIT	5	
MINE	423630	5403523	0.03152	363.92	363.92	0 ANNUAL	PIT	5	
MINE	423630	5403023	0.02801	375	375	0 ANNUAL	PIT	5	
MINE	423630	5402523	0.02533	379	379	0 ANNUAL	PIT	5	
MINE	423630	5402023	0.02333	377	377	0 ANNUAL	PIT	5	
MINE	423130	5403523	0.02924	369	369	0 ANNUAL	PIT	5	
MINE	423130	5403023	0.02675	376	376	0 ANNUAL	PIT	5	
MINE	423130	5402523	0.02437	380	380	0 ANNUAL	PIT	5	
MINE	423130	5402023	0.02235	375	375	0 ANNUAL	PIT	5	
MINE	422630	5403523	0.02763	371	371	0 ANNUAL	PIT	5	
MINE	422630	5403023	0.02416	377	377	0 ANNUAL	PIT	5	
MINE	422630	5402523	0.02256	373.78	373.78	0 ANNUAL	PIT	5	
MINE	422630	5402023	0.0213	374	374	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	422130	5403523	0.02819	361	361	0 ANNUAL	PIT	5	
MINE	422130	5403023	0.02506	371	371	0 ANNUAL	PIT	5	
MINE	422130	5402523	0.02199	370	370	0 ANNUAL	PIT	5	
MINE	422130	5402023	0.01966	371	371	0 ANNUAL	PIT	5	
MINE	421630	5403523	0.0285	358.11	358.11	0 ANNUAL	PIT	5	
MINE	421630	5403023	0.02503	366.93	366.93	0 ANNUAL	PIT	5	
MINE	421630	5402523	0.0224	361	361	0 ANNUAL	PIT	5	
MINE	421630	5402023	0.02027	367.71	367.71	0 ANNUAL	PIT	5	
MINE	421130	5403523	0.02849	360	360	0 ANNUAL	PIT	5	
MINE	421130	5403023	0.02538	359	359	0 ANNUAL	PIT	5	
MINE	421130	5402523	0.02258	359	359	0 ANNUAL	PIT	5	
MINE	421130	5402023	0.02032	363.14	363.14	0 ANNUAL	PIT	5	
MINE	420630	5403523	0.02683	359	359	0 ANNUAL	PIT	5	
MINE	420630	5403023	0.02518	357	357	0 ANNUAL	PIT	5	
MINE	420630	5402523	0.02279	357.89	357.89	0 ANNUAL	PIT	5	
MINE	420630	5402023	0.0204	361	361	0 ANNUAL	PIT	5	
MINE	420130	5403523	0.02397	354.46	354.46	0 ANNUAL	PIT	5	
MINE	420130	5403023	0.02339	354	354	0 ANNUAL	PIT	5	
MINE	420130	5402523	0.02234	358	358	0 ANNUAL	PIT	5	
MINE	420130	5402023	0.02057	360	360	0 ANNUAL	PIT	5	
MINE	419630	5403523	0.02193	353	353	0 ANNUAL	PIT	5	
MINE	419630	5403023	0.02096	354	354	0 ANNUAL	PIT	5	
MINE	419630	5402523	0.02057	354.37	354.37	0 ANNUAL	PIT	5	
MINE	419630	5402023	0.01992	356	356	0 ANNUAL	PIT	5	
MINE	419130	5403523	0.02129	360	360	0 ANNUAL	PIT	5	
MINE	419130	5403023	0.01937	358	358	0 ANNUAL	PIT	5	
MINE	419130	5402523	0.01852	358	358	0 ANNUAL	PIT	5	
MINE	419130	5402023	0.01822	357	357	0 ANNUAL	PIT	5	
MINE	418630	5403523	0.02089	348.98	348.98	0 ANNUAL	PIT	5	
MINE	418630	5403023	0.01894	356.06	356.06	0 ANNUAL	PIT	5	
MINE	418630	5402523	0.01639	370.29	380	0 ANNUAL	PIT	5	
MINE	418630	5402023	0.0165	359	359	0 ANNUAL	PIT	5	
MINE	418130	5403523	0.02003	347	347	0 ANNUAL	PIT	5	
MINE	418130	5403023	0.01866	360	360	0 ANNUAL	PIT	5	
MINE	418130	5402523	0.01696	358.42	358.42	0 ANNUAL	PIT	5	
MINE	418130	5402023	0.01552	352	352	0 ANNUAL	PIT	5	
MINE	419630	5404023	0.02419	352	352	0 ANNUAL	PIT	5	
MINE	419630	5404523	0.027	350	350	0 ANNUAL	PIT	5	
MINE	419630	5405023	0.02977	349	349	0 ANNUAL	PIT	5	
MINE	419630	5405523	0.0339	354	354	0 ANNUAL	PIT	5	
MINE	419630	5406523	0.04186	349	349	0 ANNUAL	PIT	5	
MINE	419630	5407023	0.042	347	347	0 ANNUAL	PIT	5	
MINE	419630	5408023	0.03972	342	342	0 ANNUAL	PIT	5	
MINE	419630	5408523	0.04128	346.05	346.05	0 ANNUAL	PIT	5	
MINE	419630	5409023	0.041	348.11	348.11	0 ANNUAL	PIT	5	
MINE	419630	5409523	0.03912	351.75	351.75	0 ANNUAL	PIT	5	
MINE	419630	5410023	0.03756	356.29	356.29	0 ANNUAL	PIT	5	
MINE	419630	5410523	0.03493	359	359	0 ANNUAL	PIT	5	
MINE	419630	5411023	0.03253	357	357	0 ANNUAL	PIT	5	
MINE	419630	5413523	0.03513	378.38	378.38	0 ANNUAL	PIT	5	
MINE	419630	5414023	0.03483	370	370	0 ANNUAL	PIT	5	
MINE	419630	5414523	0.0372	376.31	376.31	0 ANNUAL	PIT	5	
MINE	419630	5415023	0.03704	378	378	0 ANNUAL	PIT	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	419630	5415523	0.03262	385.5	385.5	0 ANNUAL	PIT	5	
MINE	419630	5416023	0.02882	390.01	390.01	0 ANNUAL	PIT	5	
MINE	419630	5416523	0.03019	384.1	384.1	0 ANNUAL	PIT	5	
MINE	419630	5417023	0.03033	376.55	376.55	0 ANNUAL	PIT	5	
MINE	419130	5404023	0.02366	357.06	357.06	0 ANNUAL	PIT	5	
MINE	419130	5404523	0.02579	353	353	0 ANNUAL	PIT	5	
MINE	419130	5405023	0.02876	347	347	0 ANNUAL	PIT	5	
MINE	419130	5405523	0.03295	352	352	0 ANNUAL	PIT	5	
MINE	419130	5406023	0.03629	349	349	0 ANNUAL	PIT	5	
MINE	419130	5406523	0.03713	348	348	0 ANNUAL	PIT	5	
MINE	419130	5407023	0.03681	346	346	0 ANNUAL	PIT	5	
MINE	419130	5407523	0.0358	343.96	343.96	0 ANNUAL	PIT	5	
MINE	419130	5408023	0.03491	341.37	341.37	0 ANNUAL	PIT	5	
MINE	419130	5408523	0.03673	345.22	345.22	0 ANNUAL	PIT	5	
MINE	419130	5409023	0.03571	347	347	0 ANNUAL	PIT	5	
MINE	419130	5409523	0.03434	349	349	0 ANNUAL	PIT	5	
MINE	419130	5410023	0.03304	350	350	0 ANNUAL	PIT	5	
MINE	419130	5410523	0.0309	351	351	0 ANNUAL	PIT	5	
MINE	419130	5411023	0.02878	355	355	0 ANNUAL	PIT	5	
MINE	419130	5413523	0.03256	371.92	371.92	0 ANNUAL	PIT	5	
MINE	419130	5414023	0.03003	375.47	375.47	0 ANNUAL	PIT	5	
MINE	419130	5414523	0.0309	379	379	0 ANNUAL	PIT	5	
MINE	419130	5415023	0.03294	381	381	0 ANNUAL	PIT	5	
MINE	419130	5415523	0.03228	380	380	0 ANNUAL	PIT	5	
MINE	419130	5416023	0.02836	384.29	384.29	0 ANNUAL	PIT	5	
MINE	419130	5416523	0.02633	378.15	378.15	0 ANNUAL	PIT	5	
MINE	419130	5417023	0.02706	370	370	0 ANNUAL	PIT	5	
MINE	418630	5404023	0.02259	348.76	351	0 ANNUAL	PIT	5	
MINE	418630	5404523	0.02481	345	345	0 ANNUAL	PIT	5	
MINE	418630	5405023	0.02813	343.8	343.8	0 ANNUAL	PIT	5	
MINE	418630	5405523	0.03149	351	351	0 ANNUAL	PIT	5	
MINE	418630	5406023	0.03293	343	343	0 ANNUAL	PIT	5	
MINE	418630	5406523	0.03282	342	342	0 ANNUAL	PIT	5	
MINE	418630	5407023	0.03249	344	344	0 ANNUAL	PIT	5	
MINE	418630	5407523	0.03129	343	343	0 ANNUAL	PIT	5	
MINE	418630	5408023	0.03133	341	341	0 ANNUAL	PIT	5	
MINE	418630	5408523	0.03277	344	344	0 ANNUAL	PIT	5	
MINE	418630	5409023	0.0314	345	345	0 ANNUAL	PIT	5	
MINE	418630	5409523	0.03045	346	346	0 ANNUAL	PIT	5	
MINE	418630	5410023	0.02935	347	347	0 ANNUAL	PIT	5	
MINE	418630	5410523	0.02756	347.81	347.81	0 ANNUAL	PIT	5	
MINE	418630	5411023	0.0257	349	349	0 ANNUAL	PIT	5	
MINE	418630	5413523	0.02869	370	370	0 ANNUAL	PIT	5	
MINE	418630	5414023	0.02805	371.3	371.3	0 ANNUAL	PIT	5	
MINE	418630	5414523	0.02662	372.94	372.94	0 ANNUAL	PIT	5	
MINE	418630	5415023	0.02829	380	380	0 ANNUAL	PIT	5	
MINE	418630	5415523	0.0295	379.86	379.86	0 ANNUAL	PIT	5	
MINE	418630	5416023	0.02841	372.14	372.14	0 ANNUAL	PIT	5	
MINE	418630	5416523	0.02552	368	368	0 ANNUAL	PIT	5	
MINE	418630	5417023	0.02412	366	366	0 ANNUAL	PIT	5	
MINE	418130	5404023	0.02177	353.54	353.54	0 ANNUAL	PIT	5	
MINE	418130	5404523	0.0244	358.24	358.24	0 ANNUAL	PIT	5	
MINE	418130	5405023	0.0274	354	354	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	418130	5405523	0.02932	347.1	347.1	0 ANNUAL	PIT	5	
MINE	418130	5406023	0.02955	343	343	0 ANNUAL	PIT	5	
MINE	418130	5406523	0.02935	343	343	0 ANNUAL	PIT	5	
MINE	418130	5407023	0.02878	342	342	0 ANNUAL	PIT	5	
MINE	418130	5407523	0.02766	341	341	0 ANNUAL	PIT	5	
MINE	418130	5408023	0.02852	341	341	0 ANNUAL	PIT	5	
MINE	418130	5408523	0.0293	343	343	0 ANNUAL	PIT	5	
MINE	418130	5409023	0.02788	344	344	0 ANNUAL	PIT	5	
MINE	418130	5409523	0.02727	345	345	0 ANNUAL	PIT	5	
MINE	418130	5410023	0.0263	346	346	0 ANNUAL	PIT	5	
MINE	418130	5410523	0.02479	347	347	0 ANNUAL	PIT	5	
MINE	418130	5411023	0.02318	348	348	0 ANNUAL	PIT	5	
MINE	418130	5413523	0.02442	366.22	366.22	0 ANNUAL	PIT	5	
MINE	418130	5414023	0.02609	369.28	369.28	0 ANNUAL	PIT	5	
MINE	418130	5414523	0.02414	373.9	373.9	0 ANNUAL	PIT	5	
MINE	418130	5415023	0.02382	380	380	0 ANNUAL	PIT	5	
MINE	418130	5415523	0.02596	380	380	0 ANNUAL	PIT	5	
MINE	418130	5416023	0.02657	375.62	375.62	0 ANNUAL	PIT	5	
MINE	418130	5416523	0.02506	368.04	368.04	0 ANNUAL	PIT	5	
MINE	418130	5417023	0.02285	362	362	0 ANNUAL	PIT	5	
MINE	418130	5417857	0.02193	360	360	0 ANNUAL	PIT	5	
MINE	418130	5418690	0.0213	358.51	358.51	0 ANNUAL	PIT	5	
MINE	418130	5419523	0.02022	366.26	366.26	0 ANNUAL	PIT	5	
MINE	419102	5417857	0.0262	368.86	368.86	0 ANNUAL	PIT	5	
MINE	419102	5418690	0.02477	362.1	362.1	0 ANNUAL	PIT	5	
MINE	419102	5419523	0.02417	364	364	0 ANNUAL	PIT	5	
MINE	420074	5417857	0.02981	389.4	389.4	0 ANNUAL	PIT	5	
MINE	420074	5418690	0.03052	377	377	0 ANNUAL	PIT	5	
MINE	420074	5419523	0.02723	369	369	0 ANNUAL	PIT	5	
MINE	421047	5417857	0.03533	396.65	396.65	0 ANNUAL	PIT	5	
MINE	421047	5418690	0.03081	384.78	384.78	0 ANNUAL	PIT	5	
MINE	421047	5419523	0.02873	373	373	0 ANNUAL	PIT	5	
MINE	422019	5417857	0.04044	383.01	383.01	0 ANNUAL	PIT	5	
MINE	422019	5418690	0.03899	380	380	0 ANNUAL	PIT	5	
MINE	422019	5419523	0.03475	370.69	370.69	0 ANNUAL	PIT	5	
MINE	422991	5417857	0.04619	382.48	382.48	0 ANNUAL	PIT	5	
MINE	422991	5418690	0.03934	379.67	379.67	0 ANNUAL	PIT	5	
MINE	422991	5419523	0.03476	371.96	371.96	0 ANNUAL	PIT	5	
MINE	423963	5417857	0.04834	371	371	0 ANNUAL	PIT	5	
MINE	423963	5418690	0.04142	369	369	0 ANNUAL	PIT	5	
MINE	423963	5419523	0.03619	368	368	0 ANNUAL	PIT	5	
MINE	424936	5417857	0.05197	377.15	377.15	0 ANNUAL	PIT	5	
MINE	424936	5418690	0.04395	379	379	0 ANNUAL	PIT	5	
MINE	424936	5419523	0.03793	377.38	377.38	0 ANNUAL	PIT	5	
MINE	425908	5417857	0.05523	379.54	379.54	0 ANNUAL	PIT	5	
MINE	425908	5418690	0.04722	372	372	0 ANNUAL	PIT	5	
MINE	425908	5419523	0.04067	373	373	0 ANNUAL	PIT	5	
MINE	426880	5417857	0.05427	379	379	0 ANNUAL	PIT	5	
MINE	426880	5418690	0.04608	381	381	0 ANNUAL	PIT	5	
MINE	426880	5419523	0.04009	370.81	370.81	0 ANNUAL	PIT	5	
MINE	427852	5417857	0.04381	378	378	0 ANNUAL	PIT	5	
MINE	427852	5418690	0.03768	374.7	374.7	0 ANNUAL	PIT	5	
MINE	427852	5419523	0.03456	364	364	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	428824	5417857	0.04587	379	379	0 ANNUAL	PIT	5	
MINE	428824	5418690	0.03989	379	379	0 ANNUAL	PIT	5	
MINE	428824	5419523	0.03438	375.16	375.16	0 ANNUAL	PIT	5	
MINE	429797	5417857	0.04732	371	371	0 ANNUAL	PIT	5	
MINE	429797	5418690	0.03808	373	373	0 ANNUAL	PIT	5	
MINE	429797	5419523	0.03281	371	371	0 ANNUAL	PIT	5	
MINE	430769	5417857	0.04077	368	368	0 ANNUAL	PIT	5	
MINE	430769	5418690	0.03853	370	370	0 ANNUAL	PIT	5	
MINE	430769	5419523	0.03503	370	370	0 ANNUAL	PIT	5	
MINE	431741	5417857	0.0316	396.6	401	0 ANNUAL	PIT	5	
MINE	431741	5418690	0.032	377.21	390	0 ANNUAL	PIT	5	
MINE	431741	5419523	0.03021	366	366	0 ANNUAL	PIT	5	
MINE	432713	5417857	0.02765	373	373	0 ANNUAL	PIT	5	
MINE	432713	5418690	0.02665	376.07	376.07	0 ANNUAL	PIT	5	
MINE	432713	5419523	0.02448	400	400	0 ANNUAL	PIT	5	
MINE	433686	5417857	0.02261	374	374	0 ANNUAL	PIT	5	
MINE	433686	5418690	0.02154	390.86	400	0 ANNUAL	PIT	5	
MINE	433686	5419523	0.02145	392.42	392.42	0 ANNUAL	PIT	5	
MINE	434658	5417857	0.01837	406	423	0 ANNUAL	PIT	5	
MINE	434658	5418690	0.01846	386.63	390	0 ANNUAL	PIT	5	
MINE	434658	5419523	0.01798	388.54	416	0 ANNUAL	PIT	5	
MINE	435630	5417857	0.01623	382	404	0 ANNUAL	PIT	5	
MINE	435630	5418690	0.01649	391.41	391.41	0 ANNUAL	PIT	5	
MINE	435630	5419523	0.01567	383.74	401	0 ANNUAL	PIT	5	
MINE	433963	5417023	0.02085	408.27	408.27	0 ANNUAL	PIT	5	
MINE	433963	5416051	0.01839	418.31	418.31	0 ANNUAL	PIT	5	
MINE	433963	5415079	0.02591	383.67	383.67	0 ANNUAL	PIT	5	
MINE	433963	5414107	0.02597	377	377	0 ANNUAL	PIT	5	
MINE	433963	5413134	0.02697	389.48	391	0 ANNUAL	PIT	5	
MINE	433963	5412162	0.03575	383.25	383.25	0 ANNUAL	PIT	5	
MINE	433963	5411190	0.03546	387	387	0 ANNUAL	PIT	5	
MINE	433963	5410218	0.04371	381	381	0 ANNUAL	PIT	5	
MINE	433963	5409245	0.03889	372	372	0 ANNUAL	PIT	5	
MINE	433963	5408273	0.03615	385.84	385.84	0 ANNUAL	PIT	5	
MINE	433963	5407301	0.03559	390.12	390.12	0 ANNUAL	PIT	5	
MINE	433963	5406329	0.0354	385	385	0 ANNUAL	PIT	5	
MINE	433963	5405357	0.03055	389	389	0 ANNUAL	PIT	5	
MINE	433963	5404384	0.02642	377	377	0 ANNUAL	PIT	5	
MINE	433963	5403412	0.02283	372	372	0 ANNUAL	PIT	5	
MINE	433963	5402440	0.01881	380	380	0 ANNUAL	PIT	5	
MINE	433963	5401468	0.01939	366	366	0 ANNUAL	PIT	5	
MINE	433963	5400495	0.018	364.03	364.03	0 ANNUAL	PIT	5	
MINE	433963	5399523	0.01614	357	357	0 ANNUAL	PIT	5	
MINE	434797	5417023	0.01833	384.4	433	0 ANNUAL	PIT	5	
MINE	434797	5416051	0.0218	379.08	379.08	0 ANNUAL	PIT	5	
MINE	434797	5415079	0.02156	374.72	374.72	0 ANNUAL	PIT	5	
MINE	434797	5414107	0.02299	387	387	0 ANNUAL	PIT	5	
MINE	434797	5413134	0.02195	400.14	400.14	0 ANNUAL	PIT	5	
MINE	434797	5412162	0.03092	391	391	0 ANNUAL	PIT	5	
MINE	434797	5411190	0.03129	386	386	0 ANNUAL	PIT	5	
MINE	434797	5410218	0.03751	381	381	0 ANNUAL	PIT	5	
MINE	434797	5409245	0.03277	379.42	379.42	0 ANNUAL	PIT	5	
MINE	434797	5408273	0.03056	386.99	386.99	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	434797	5407301	0.03214	390	390	0 ANNUAL	PIT	5	
MINE	434797	5406329	0.02788	401	401	0 ANNUAL	PIT	5	
MINE	434797	5405357	0.02793	399	399	0 ANNUAL	PIT	5	
MINE	434797	5404384	0.02462	378	378	0 ANNUAL	PIT	5	
MINE	434797	5403412	0.02158	373	373	0 ANNUAL	PIT	5	
MINE	434797	5402440	0.01841	369	369	0 ANNUAL	PIT	5	
MINE	434797	5401468	0.0163	370.44	370.44	0 ANNUAL	PIT	5	
MINE	434797	5400495	0.01641	361	361	0 ANNUAL	PIT	5	
MINE	434797	5399523	0.01534	359	359	0 ANNUAL	PIT	5	
MINE	435630	5417023	0.01712	385.87	385.87	0 ANNUAL	PIT	5	
MINE	435630	5416051	0.0193	384.39	386	0 ANNUAL	PIT	5	
MINE	435630	5415079	0.01755	403.66	403.66	0 ANNUAL	PIT	5	
MINE	435630	5414107	0.02004	396	396	0 ANNUAL	PIT	5	
MINE	435630	5413134	0.02224	385	385	0 ANNUAL	PIT	5	
MINE	435630	5412162	0.02694	386.78	386.78	0 ANNUAL	PIT	5	
MINE	435630	5411190	0.028	385	385	0 ANNUAL	PIT	5	
MINE	435630	5410218	0.03225	390	390	0 ANNUAL	PIT	5	
MINE	435630	5409245	0.02808	382.49	382.49	0 ANNUAL	PIT	5	
MINE	435630	5408273	0.02704	381	381	0 ANNUAL	PIT	5	
MINE	435630	5407301	0.02841	386.5	386.5	0 ANNUAL	PIT	5	
MINE	435630	5406329	0.0246	391.74	391.74	0 ANNUAL	PIT	5	
MINE	435630	5405357	0.02621	389.76	389.76	0 ANNUAL	PIT	5	
MINE	435630	5404384	0.02305	377.77	377.77	0 ANNUAL	PIT	5	
MINE	435630	5403412	0.02017	375.14	375.14	0 ANNUAL	PIT	5	
MINE	435630	5402440	0.01798	368	368	0 ANNUAL	PIT	5	
MINE	435630	5401468	0.0153	364	364	0 ANNUAL	PIT	5	
MINE	435630	5400495	0.01452	360	360	0 ANNUAL	PIT	5	
MINE	435630	5399523	0.01421	358	358	0 ANNUAL	PIT	5	
MINE	433130	5401190	0.02069	364.77	364.77	0 ANNUAL	PIT	5	
MINE	433130	5400357	0.01853	360	360	0 ANNUAL	PIT	5	
MINE	433130	5399523	0.01641	360	360	0 ANNUAL	PIT	5	
MINE	432158	5401190	0.02146	373	373	0 ANNUAL	PIT	5	
MINE	432158	5400357	0.01896	358	358	0 ANNUAL	PIT	5	
MINE	432158	5399523	0.01695	357.13	357.13	0 ANNUAL	PIT	5	
MINE	431186	5401190	0.02226	365.75	365.75	0 ANNUAL	PIT	5	
MINE	431186	5400357	0.01944	355.6	355.6	0 ANNUAL	PIT	5	
MINE	431186	5399523	0.01687	357.06	357.06	0 ANNUAL	PIT	5	
MINE	430213	5401190	0.02208	353	353	0 ANNUAL	PIT	5	
MINE	430213	5400357	0.01875	360	360	0 ANNUAL	PIT	5	
MINE	430213	5399523	0.01619	355	355	0 ANNUAL	PIT	5	
MINE	429241	5401190	0.0211	360	360	0 ANNUAL	PIT	5	
MINE	429241	5400357	0.01813	358.56	358.56	0 ANNUAL	PIT	5	
MINE	429241	5399523	0.01579	359	359	0 ANNUAL	PIT	5	
MINE	428269	5401190	0.02013	370	370	0 ANNUAL	PIT	5	
MINE	428269	5400357	0.01763	365	365	0 ANNUAL	PIT	5	
MINE	428269	5399523	0.01553	361	361	0 ANNUAL	PIT	5	
MINE	427297	5401190	0.01987	375.45	375.45	0 ANNUAL	PIT	5	
MINE	427297	5400357	0.01678	363.85	363.85	0 ANNUAL	PIT	5	
MINE	427297	5399523	0.01454	361	361	0 ANNUAL	PIT	5	
MINE	426324	5401190	0.01843	371.9	371.9	0 ANNUAL	PIT	5	
MINE	426324	5400357	0.01619	368	368	0 ANNUAL	PIT	5	
MINE	426324	5399523	0.01432	366.05	366.05	0 ANNUAL	PIT	5	
MINE	425352	5401190	0.01972	376	376	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	425352	5400357	0.01707	371	371	0 ANNUAL	PIT	5	
MINE	425352	5399523	0.01487	370	370	0 ANNUAL	PIT	5	
MINE	424380	5401190	0.02178	376.85	376.85	0 ANNUAL	PIT	5	
MINE	424380	5400357	0.01921	375.72	375.72	0 ANNUAL	PIT	5	
MINE	424380	5399523	0.01704	370	370	0 ANNUAL	PIT	5	
MINE	423408	5401190	0.01995	379	379	0 ANNUAL	PIT	5	
MINE	423408	5400357	0.01763	378	378	0 ANNUAL	PIT	5	
MINE	423408	5399523	0.01571	370	370	0 ANNUAL	PIT	5	
MINE	422436	5401190	0.01869	370	370	0 ANNUAL	PIT	5	
MINE	422436	5400357	0.01654	370.69	370.69	0 ANNUAL	PIT	5	
MINE	422436	5399523	0.0147	366	366	0 ANNUAL	PIT	5	
MINE	421463	5401190	0.01695	369.71	369.71	0 ANNUAL	PIT	5	
MINE	421463	5400357	0.01468	367.08	367.08	0 ANNUAL	PIT	5	
MINE	421463	5399523	0.01368	361.8	361.8	0 ANNUAL	PIT	5	
MINE	420491	5401190	0.01726	363.64	363.64	0 ANNUAL	PIT	5	
MINE	420491	5400357	0.01499	360	360	0 ANNUAL	PIT	5	
MINE	420491	5399523	0.01304	357	357	0 ANNUAL	PIT	5	
MINE	419519	5401190	0.01761	358	358	0 ANNUAL	PIT	5	
MINE	419519	5400357	0.01483	364.89	364.89	0 ANNUAL	PIT	5	
MINE	419519	5399523	0.0132	357	357	0 ANNUAL	PIT	5	
MINE	418547	5401190	0.01603	363.19	363.19	0 ANNUAL	PIT	5	
MINE	418547	5400357	0.01532	365	365	0 ANNUAL	PIT	5	
MINE	418547	5399523	0.01338	357	357	0 ANNUAL	PIT	5	
MINE	417574	5401190	0.01348	351	351	0 ANNUAL	PIT	5	
MINE	417574	5400357	0.01307	357.18	357.18	0 ANNUAL	PIT	5	
MINE	417574	5399523	0.01283	354	354	0 ANNUAL	PIT	5	
MINE	416602	5401190	0.01308	348	348	0 ANNUAL	PIT	5	
MINE	416602	5400357	0.01147	358.92	358.92	0 ANNUAL	PIT	5	
MINE	416602	5399523	0.01095	350	350	0 ANNUAL	PIT	5	
MINE	415630	5401190	0.01254	347	347	0 ANNUAL	PIT	5	
MINE	415630	5400357	0.01137	349	349	0 ANNUAL	PIT	5	
MINE	415630	5399523	0.00996	349	349	0 ANNUAL	PIT	5	
MINE	417297	5402023	0.01528	357.46	357.46	0 ANNUAL	PIT	5	
MINE	417297	5402995	0.01734	346	346	0 ANNUAL	PIT	5	
MINE	417297	5403968	0.02086	349	349	0 ANNUAL	PIT	5	
MINE	417297	5404940	0.02478	355	355	0 ANNUAL	PIT	5	
MINE	417297	5405912	0.02493	347	347	0 ANNUAL	PIT	5	
MINE	417297	5406884	0.02402	343	343	0 ANNUAL	PIT	5	
MINE	417297	5407857	0.02427	340	340	0 ANNUAL	PIT	5	
MINE	417297	5408829	0.02373	345	345	0 ANNUAL	PIT	5	
MINE	417297	5409801	0.02279	346	346	0 ANNUAL	PIT	5	
MINE	417297	5410773	0.02054	349	349	0 ANNUAL	PIT	5	
MINE	417297	5411745	0.01899	370	370	0 ANNUAL	PIT	5	
MINE	417297	5412718	0.01958	363.07	363.07	0 ANNUAL	PIT	5	
MINE	417297	5413690	0.01962	366	366	0 ANNUAL	PIT	5	
MINE	417297	5414662	0.02161	374	374	0 ANNUAL	PIT	5	
MINE	417297	5415634	0.02074	370	370	0 ANNUAL	PIT	5	
MINE	417297	5416607	0.02222	360.98	360.98	0 ANNUAL	PIT	5	
MINE	417297	5417579	0.01992	357	357	0 ANNUAL	PIT	5	
MINE	417297	5418551	0.01863	356	356	0 ANNUAL	PIT	5	
MINE	417297	5419523	0.01819	362.05	362.05	0 ANNUAL	PIT	5	
MINE	416463	5402023	0.0145	346	346	0 ANNUAL	PIT	5	
MINE	416463	5402995	0.01659	346	346	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	416463	5403968	0.02017	348.5	348.5	0 ANNUAL	PIT	5	
MINE	416463	5404940	0.02165	357.45	357.45	0 ANNUAL	PIT	5	
MINE	416463	5405912	0.02137	346	346	0 ANNUAL	PIT	5	
MINE	416463	5406884	0.0201	343.24	343.24	0 ANNUAL	PIT	5	
MINE	416463	5407857	0.02132	340	340	0 ANNUAL	PIT	5	
MINE	416463	5408829	0.02016	346.93	346.93	0 ANNUAL	PIT	5	
MINE	416463	5409801	0.01963	353.2	353.2	0 ANNUAL	PIT	5	
MINE	416463	5410773	0.01784	357	357	0 ANNUAL	PIT	5	
MINE	416463	5411745	0.0163	356	356	0 ANNUAL	PIT	5	
MINE	416463	5412718	0.01683	369	369	0 ANNUAL	PIT	5	
MINE	416463	5413690	0.01592	369.57	369.57	0 ANNUAL	PIT	5	
MINE	416463	5414662	0.0192	383.43	383.43	0 ANNUAL	PIT	5	
MINE	416463	5415634	0.01748	364.53	364.53	0 ANNUAL	PIT	5	
MINE	416463	5416607	0.01896	361	361	0 ANNUAL	PIT	5	
MINE	416463	5417579	0.0187	360	360	0 ANNUAL	PIT	5	
MINE	416463	5418551	0.01664	359.12	359.12	0 ANNUAL	PIT	5	
MINE	416463	5419523	0.01597	353	353	0 ANNUAL	PIT	5	
MINE	415630	5402023	0.01364	343.62	343.62	0 ANNUAL	PIT	5	
MINE	415630	5402995	0.01633	346	346	0 ANNUAL	PIT	5	
MINE	415630	5403968	0.01869	349	349	0 ANNUAL	PIT	5	
MINE	415630	5404940	0.01871	360	360	0 ANNUAL	PIT	5	
MINE	415630	5405912	0.01844	347	347	0 ANNUAL	PIT	5	
MINE	415630	5408829	0.01741	348	348	0 ANNUAL	PIT	5	
MINE	415630	5409801	0.01711	354	354	0 ANNUAL	PIT	5	
MINE	415630	5410773	0.01554	363	363	0 ANNUAL	PIT	5	
MINE	415630	5411745	0.01386	369	369	0 ANNUAL	PIT	5	
MINE	415630	5412718	0.01419	371	371	0 ANNUAL	PIT	5	
MINE	415630	5413690	0.01397	380	380	0 ANNUAL	PIT	5	
MINE	415630	5414662	0.01539	374	374	0 ANNUAL	PIT	5	
MINE	415630	5415634	0.01604	367	367	0 ANNUAL	PIT	5	
MINE	415630	5416607	0.0157	360	360	0 ANNUAL	PIT	5	
MINE	415630	5417579	0.01679	360	360	0 ANNUAL	PIT	5	
MINE	415630	5418551	0.01579	360.67	360.67	0 ANNUAL	PIT	5	
MINE	415630	5419523	0.01423	357	357	0 ANNUAL	PIT	5	
	415463	5406675	0.01687	342	342	0 ANNUAL	PIT	5	
	415451	5406279	0.01738	345	345	0 ANNUAL	PIT	5	
	414628	5406278	0.01495	341	341	0 ANNUAL	PIT	5	
	414648	5407097	0.01555	340	340	0 ANNUAL	PIT	5	
	413820	5407101	0.01423	344.14	344.14	0 ANNUAL	PIT	5	
	413844	5407916	0.01411	343	343	0 ANNUAL	PIT	5	
	414669	5407897	0.01605	343	343	0 ANNUAL	PIT	5	
	414668	5407921	0.01602	343	343	0 ANNUAL	PIT	5	
	415890	5407908	0.0195	341	341	0 ANNUAL	PIT	5	
	415869	5407086	0.01808	341	341	0 ANNUAL	PIT	5	
	416287	5407081	0.01932	342	342	0 ANNUAL	PIT	5	
	416272	5406666	0.0197	344	344	0 ANNUAL	PIT	5	
	421918	5404856	0.04025	353.05	353.05	0 ANNUAL	PIT	5	
	421094	5404865	0.03321	350	350	0 ANNUAL	PIT	5	
	421106	5405379	0.03679	350	350	0 ANNUAL	PIT	5	
	420730	5405382	0.03586	355	355	0 ANNUAL	PIT	5	
	420730	5405796	0.03977	353	353	0 ANNUAL	PIT	5	
	419463	5405818	0.03641	353	353	0 ANNUAL	PIT	5	
	419463	5406226	0.03939	350	350	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole   Averagin	Source Gr	Num Year	Net ID
420291	5406220	0.04351	350	350	0 ANNUAL	PIT	5	
420304	5407038	0.05069	347.43	347.43	0 ANNUAL	PIT	5	
419611	5407048	0.04176	347	347	0 ANNUAL	PIT	5	
419649	5408646	0.04189	347	347	0 ANNUAL	PIT	5	
420388	5408637	0.05072	346.92	346.92	0 ANNUAL	PIT	5	
420340	5407829	0.05028	344	344	0 ANNUAL	PIT	5	
421196	5407811	0.06783	350.16	350.16	0 ANNUAL	PIT	5	
421156	5407025	0.06129	352	352	0 ANNUAL	PIT	5	
422795	5406994	0.07531	359	359	0 ANNUAL	PIT	5	
422806	5407802	0.10751	359	359	0 ANNUAL	PIT	5	
423617	5407779	0.12637	358.09	358.09	0 ANNUAL	PIT	5	
423599	5406990	0.09557	365.72	365.72	0 ANNUAL	PIT	5	
422786	5406989	0.07504	359	359	0 ANNUAL	PIT	5	
422771	5406177	0.06234	358	358	0 ANNUAL	PIT	5	
422357	5406187	0.05517	359	359	0 ANNUAL	PIT	5	
422363	5406591	0.06087	357	357	0 ANNUAL	PIT	5	
421964	5406591	0.05774	356	356	0 ANNUAL	PIT	5	
420767	5413450	0.04962	375	375	0 ANNUAL	PIT	5	
420780	5414261	0.04985	377	377	0 ANNUAL	PIT	5	
421449	5414252	0.05367	379.78	379.78	0 ANNUAL	PIT	5	
422377	5414238	0.07449	379	379	0 ANNUAL	PIT	5	
422370	5415036	0.06768	387.39	387.39	0 ANNUAL	PIT	5	
424000	5415015	0.08735	397.45	397.45	0 ANNUAL	PIT	5	
423997	5414610	0.09588	400.01	400.01	0 ANNUAL	PIT	5	
424792	5414601	0.11105	388	388	0 ANNUAL	PIT	5	
424798	5414204	0.12583	389	389	0 ANNUAL	PIT	5	
428817	5414150	0.08023	404	404	0 ANNUAL	PIT	5	
428848	5415656	0.0793	376	421	0 ANNUAL	PIT	5	
429649	5415650	0.05952	394.89	394.89	0 ANNUAL	PIT	5	
429650	5415747	0.06102	388.58	388.58	0 ANNUAL	PIT	5	
431259	5415735	0.04068	378.13	378.13	0 ANNUAL	PIT	5	
431239	5414122	0.04374	376.02	376.02	0 ANNUAL	PIT	5	
429628	5414138	0.07018	385.78	385.78	0 ANNUAL	PIT	5	
429614	5413326	0.07205	389.97	389.97	0 ANNUAL	PIT	5	
428809	5413327	0.09916	390	390	0 ANNUAL	PIT	5	
428808	5412548	0.09966	393.59	393.59	0 ANNUAL	PIT	5	
430407	5412512	0.0605	389	389	0 ANNUAL	PIT	5	
430422	5413312	0.05936	379.63	379.63	0 ANNUAL	PIT	5	
431230	5413308	0.04952	376	376	0 ANNUAL	PIT	5	
431224	5412901	0.04896	379	379	0 ANNUAL	PIT	5	
432035	5412899	0.04157	375.4	375.4	0 ANNUAL	PIT	5	
432035	5412495	0.04334	374	374	0 ANNUAL	PIT	5	
431223	5412502	0.05162	381	381	0 ANNUAL	PIT	5	
431202	5410899	0.06975	382	382	0 ANNUAL	PIT	5	
432010	5410893	0.05819	373.96	373.96	0 ANNUAL	PIT	5	
431997	5410087	0.06751	378.53	378.53	0 ANNUAL	PIT	5	
430381	5410114	0.1085	381	381	0 ANNUAL	PIT	5	
430361	5408478	0.09281	377.79	377.79	0 ANNUAL	PIT	5	
431008	5408470	0.07857	368.82	368.82	0 ANNUAL	PIT	5	
431004	5407564	0.07259	359	359	0 ANNUAL	PIT	5	
430203	5407573	0.08747	361	361	0 ANNUAL	PIT	5	
430222	5408485	0.09686	378.03	378.03	0 ANNUAL	PIT	5	
429414	5408504	0.13078	382.51	382.51	0 ANNUAL	PIT	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole   Averagin	Source Gr Num	Year	Net ID
429425	5408830	0.13324	383	383	0 ANNUAL PIT		5	
429102	5408830	0.14621	389	389	0 ANNUAL PIT		5	
429093	5408498	0.14587	387	387	0 ANNUAL PIT		5	
429431	5408490	0.13011	382	382	0 ANNUAL PIT		5	
429422	5407591	0.10343	359	359	0 ANNUAL PIT		5	
428564	5407591	0.1244	368.54	368.54	0 ANNUAL PIT		5	
427718	5407601	0.17089	366.38	366.38	0 ANNUAL PIT		5	
427720	5407741	0.18278	366.75	366.75	0 ANNUAL PIT		5	
427700	5407741	0.18399	366	366	0 ANNUAL PIT		5	
426917	5407750	0.19723	351.89	351.89	0 ANNUAL PIT		5	
426068	5407740	0.15998	379.31	379.31	0 ANNUAL PIT		5	
425276	5407752	0.1844	361	361	0 ANNUAL PIT		5	
425245	5406949	0.11515	370	370	0 ANNUAL PIT		5	
424422	5406973	0.09862	365	365	0 ANNUAL PIT		5	
424461	5407786	0.15787	368.75	378	0 ANNUAL PIT		5	
424499	5408579	0.27778	348	348	0 ANNUAL PIT		5	
420692	5408632	0.05515	343.53	343.53	0 ANNUAL PIT		5	
420705	5409438	0.0546	353	353	0 ANNUAL PIT		5	
419681	5409454	0.03982	351.75	351.75	0 ANNUAL PIT		5	
419677	5411057	0.03283	357.98	357.98	0 ANNUAL PIT		5	
418061	5411078	0.02271	349	349	0 ANNUAL PIT		5	
418099	5413503	0.02405	366	366	0 ANNUAL PIT		5	
418914	5413492	0.03094	369.53	369.53	0 ANNUAL PIT		5	
418914	5413081	0.02818	372.14	372.14	0 ANNUAL PIT		5	
419710	5413071	0.03734	380	380	0 ANNUAL PIT		5	
419711	5413468	0.036	378	378	0 ANNUAL PIT		5	



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON		
PINEGEN	415889	5407356	0.07406	340	340	0 MONTH	TMA	1ST		1/31/1999	24 hr	1.59101
PINEGEN	415889	5407406	0.07468	340	340	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415889	5407456	0.07531	340	340	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415889	5407506	0.07593	340	340	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415889	5407556	0.07656	340	340	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415889	5407606	0.0772	340	340	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415939	5407356	0.07452	340	340	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415939	5407406	0.07513	340	340	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415939	5407456	0.07575	340	340	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415939	5407506	0.07638	340	340	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415939	5407556	0.07701	340	340	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415939	5407606	0.07765	340	340	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415989	5407356	0.075	340	340	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415989	5407406	0.07561	340	340	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415989	5407456	0.07622	340	340	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415989	5407506	0.07685	340	340	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415989	5407556	0.07748	340	340	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415989	5407606	0.07812	340	340	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415739	5406656	0.06557	343	343	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415739	5406606	0.06529	344	344	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415789	5406656	0.0662	343.4	343.4	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415789	5406606	0.06593	344	344	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415839	5406656	0.06689	344	344	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415839	5406606	0.06661	344	344	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415889	5407306	0.07345	340	340	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415889	5407256	0.07288	340.39	340.39	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415889	5407206	0.07233	341	341	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415889	5407156	0.07176	341	341	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415889	5407106	0.0712	341	341	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415889	5406656	0.06755	343.32	343.32	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415889	5406606	0.06733	343.86	343.86	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415939	5407306	0.07391	340	340	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415939	5407256	0.07339	341	341	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415939	5407206	0.07281	341	341	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415939	5407156	0.07225	341	341	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415939	5407106	0.07171	341	341	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415939	5406656	0.06827	343	343	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415939	5406606	0.06804	343	343	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415989	5407306	0.07443	340.32	340.32	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415989	5407256	0.07389	341	341	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415989	5407206	0.07333	341	341	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415989	5407156	0.07278	341	341	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415989	5407106	0.07229	341.38	341.38	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415989	5406656	0.06905	343	343	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415989	5406606	0.06885	343	343	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415689	5406656	0.06501	343	343	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415689	5406606	0.0647	344	344	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415639	5406656	0.06449	343	343	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415639	5406606	0.06415	344	344	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415589	5406656	0.06402	343	343	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415589	5406606	0.06362	343.6	343.6	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415539	5406656	0.06359	343	343	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415539	5406606	0.06313	343	343	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415489	5406656	0.06319	343	343	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415489	5406606	0.06271	343	343	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	414989	5408006	0.07262	344	344	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	414989	5408106	0.07348	344.02	344.02	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415089	5408006	0.07378	344	344	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415089	5408106	0.0747	344.63	344.63	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415189	5408006	0.07497	344	344	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415189	5408106	0.07588	344	344	0 MONTH	TMA	1ST		1/31/1999	24 hr	
PINEGEN	415289	5408006	0.07617	344	344	0 MONTH	TMA	1ST		1/31/1999	24 hr	

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	415289	5408106	0.07713	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415389	5408006	0.07728	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415389	5408106	0.07838	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415489	5408006	0.07845	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415489	5408106	0.07963	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415589	5408006	0.07958	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415589	5408106	0.08085	343.95	343.95	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415689	5408006	0.08065	342.7	342.7	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415689	5408106	0.08196	343.02	343.02	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415789	5408006	0.08166	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415789	5408106	0.0831	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415889	5407706	0.07856	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415889	5407806	0.07987	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415889	5408006	0.08269	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415889	5408106	0.08421	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415989	5407706	0.07941	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415989	5407806	0.08074	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415989	5407906	0.0822	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415989	5408006	0.08366	341.44	341.44	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415989	5408106	0.08519	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5407706	0.08041	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5407806	0.08174	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5407906	0.08317	340.64	340.64	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5408006	0.08465	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5408106	0.08626	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416189	5407706	0.08148	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416189	5407806	0.0828	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416189	5407906	0.08417	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416189	5408006	0.08571	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416189	5408106	0.08733	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5407706	0.08268	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5407806	0.08397	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5407906	0.08531	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5408006	0.08683	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5408106	0.08839	341.4	341.4	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416389	5407706	0.08402	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416389	5407806	0.08526	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416389	5407906	0.08657	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416389	5408006	0.08796	340.05	340.05	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416389	5408106	0.08954	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5407706	0.08552	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5407806	0.08672	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5407906	0.08798	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5408006	0.08931	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5408106	0.0908	340.58	340.58	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5407606	0.07911	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5407506	0.07786	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5407406	0.07664	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5407306	0.07556	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5407206	0.07447	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5407106	0.07356	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5406606	0.07062	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5406506	0.0704	344.9	344.9	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5406406	0.07019	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5406306	0.07001	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5406206	0.0699	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5406106	0.06971	346.07	346.07	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416189	5407606	0.08021	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416189	5407506	0.07899	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416189	5407406	0.07789	340.88	340.88	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416189	5407306	0.0768	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416189	5407206	0.07579	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	416189	5407106	0.07497	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416189	5406606	0.07246	344.4	344.4	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416189	5406506	0.07223	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416189	5406406	0.07201	345.2	345.2	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416189	5406306	0.07183	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416189	5406206	0.07163	346.79	346.79	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416189	5406106	0.07135	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5407606	0.08144	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5407506	0.08026	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5407406	0.07922	340.81	340.81	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5407306	0.07821	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5407206	0.07732	341.41	341.41	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5407106	0.07656	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5407006	0.07595	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5406906	0.07538	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5406806	0.07499	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5406706	0.0746	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5406606	0.07435	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5406506	0.07405	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5406406	0.07383	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5406306	0.0735	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5406206	0.0732	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5406106	0.07277	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416389	5407606	0.08283	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416389	5407506	0.0817	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416389	5407406	0.08075	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416389	5407306	0.0798	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416389	5407206	0.07904	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416389	5407106	0.0783	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416389	5407006	0.07776	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416389	5406906	0.07723	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416389	5406806	0.07686	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416389	5406706	0.07646	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416389	5406606	0.07617	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416389	5406506	0.07581	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416389	5406406	0.07541	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416389	5406306	0.07503	345.75	345.75	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416389	5406206	0.07453	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416389	5406106	0.07393	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5407606	0.08438	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5407506	0.08332	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5407406	0.08243	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5407306	0.08154	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5407206	0.08084	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5407106	0.08016	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5407006	0.07965	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5406906	0.07912	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5406806	0.07874	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5406706	0.07829	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5406606	0.07785	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5406506	0.07737	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5406406	0.07685	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5406306	0.07626	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5406206	0.07563	344.51	344.51	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5406106	0.0749	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415989	5406506	0.06858	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415989	5406406	0.06834	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415989	5406306	0.06823	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415989	5406206	0.06809	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415989	5406106	0.06804	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415889	5406506	0.06692	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415889	5406406	0.06664	344.45	344.45	0 MONTH	TMA	1ST		1/31/1999 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	415889	5406306	0.06645	344.72	344.72	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415889	5406206	0.06633	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415889	5406106	0.06624	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415789	5406506	0.0654	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415789	5406406	0.06506	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415789	5406306	0.06482	345.63	345.63	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415789	5406206	0.06467	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415789	5406106	0.06457	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415689	5406506	0.06406	344.06	344.06	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415689	5406406	0.0636	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415689	5406306	0.06323	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415689	5406206	0.06303	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415689	5406106	0.06288	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415589	5406506	0.06289	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415589	5406406	0.06226	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415589	5406306	0.06183	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415589	5406206	0.06152	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415589	5406106	0.06129	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415489	5406506	0.06187	343.44	343.44	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415489	5406406	0.06116	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415489	5406306	0.0606	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415489	5406206	0.06013	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415489	5406106	0.05983	345.84	345.84	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415389	5406206	0.05896	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415389	5406106	0.05851	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415289	5406206	0.05793	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415289	5406106	0.0574	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415189	5406206	0.05711	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415189	5406106	0.05645	344.65	344.65	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415089	5406206	0.05644	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415089	5406106	0.05568	344.72	344.72	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414989	5406206	0.0559	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414989	5406106	0.05502	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414889	5406206	0.05542	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414889	5406106	0.05448	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414789	5406206	0.05502	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414789	5406106	0.05404	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414689	5406206	0.05467	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414689	5406106	0.05371	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414589	5406506	0.05726	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414589	5406406	0.05636	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414589	5406306	0.05538	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414589	5406206	0.05442	341.73	341.73	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414589	5406106	0.05343	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414489	5406506	0.05682	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414489	5406406	0.05599	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414489	5406306	0.05507	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414489	5406206	0.05414	341.8	341.8	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414489	5406106	0.05317	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414889	5408006	0.07149	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414889	5408106	0.07337	344	344	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414789	5408006	0.07076	343.11	343.11	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414789	5408106	0.07348	344	344	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414689	5408006	0.0709	343	343	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414689	5408106	0.07364	344	344	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414589	5406606	0.05815	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414589	5406706	0.05897	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414589	5406806	0.05974	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414589	5406906	0.06045	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414589	5407006	0.06112	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414589	5407906	0.06845	342.66	342.66	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414589	5408006	0.07109	343	343	0 MONTH	TMA	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	414589	5408106	0.07383	344	344	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414489	5406606	0.05763	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414489	5406706	0.05837	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414489	5406806	0.05906	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414489	5406906	0.0597	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414489	5407006	0.06031	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414489	5407906	0.0687	343	343	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414489	5408006	0.07131	343	343	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414489	5408106	0.07403	344	344	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414489	5408306	0.07936	345	345	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414489	5408506	0.08437	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414489	5408706	0.08864	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414489	5408906	0.09177	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414489	5409106	0.09351	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414689	5408306	0.0792	345	345	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414689	5408506	0.08468	345.63	345.63	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414689	5408706	0.08972	346.26	346.26	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414689	5408906	0.09392	347.9	347.9	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414689	5409106	0.09674	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414889	5408306	0.07898	345	345	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414889	5408506	0.08478	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414889	5408706	0.09047	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414889	5408906	0.09547	347.03	347.03	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414889	5409106	0.09942	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415089	5408306	0.07886	345	345	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415089	5408506	0.08476	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415089	5408706	0.09083	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415089	5408906	0.09667	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415089	5409106	0.10172	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415289	5408306	0.07909	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415289	5408506	0.08481	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415289	5408706	0.09104	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415289	5408906	0.0974	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415289	5409106	0.10336	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415489	5408306	0.08181	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415489	5408506	0.08511	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415489	5408706	0.0913	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415489	5408906	0.0979	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415489	5409106	0.10454	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415689	5408306	0.08451	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415689	5408506	0.08693	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415689	5408706	0.09181	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415689	5408906	0.09846	348.55	348.55	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415689	5409106	0.1055	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415889	5408306	0.08709	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415889	5408506	0.08985	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415889	5408706	0.0927	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415889	5408906	0.09926	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415889	5409106	0.10632	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	416089	5408306	0.08956	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5408506	0.09265	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5408706	0.09582	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5408906	0.10032	347.97	347.97	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	416089	5409106	0.10737	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	416289	5408306	0.09179	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5408506	0.09542	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5408706	0.09889	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5408906	0.10249	346.94	346.94	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5409106	0.10887	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	416489	5408306	0.09419	341.92	341.92	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5408506	0.09811	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5408706	0.10245	345.23	345.23	0 MONTH	TMA	1ST		1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	416489	5408906	0.10653	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5409106	0.11083	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	416689	5408306	0.09724	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416689	5408506	0.1011	345.73	345.73	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416689	5408706	0.1056	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416689	5408906	0.11023	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416689	5409106	0.11435	349	349	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416889	5408306	0.10085	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416889	5408506	0.1042	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416889	5408706	0.10839	345.23	345.23	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416889	5408906	0.11339	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416889	5409106	0.11837	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417089	5408306	0.10517	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417089	5408506	0.10794	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417089	5408706	0.11167	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417089	5408906	0.11646	343.45	343.45	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417089	5409106	0.12209	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417289	5408306	0.11054	342.14	342.14	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417289	5408506	0.1134	343.33	343.33	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417289	5408706	0.11655	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417289	5408906	0.1208	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417289	5409106	0.12615	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417489	5408306	0.11617	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417489	5408506	0.11958	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417489	5408706	0.12259	344.08	344.08	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417489	5408906	0.12622	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417489	5409106	0.13112	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416689	5408106	0.09415	342.72	342.72	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416689	5407906	0.09144	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416689	5407706	0.08905	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416689	5407506	0.08701	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416689	5407306	0.08536	340.88	340.88	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416689	5407106	0.08391	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416689	5406906	0.08274	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416689	5406706	0.08155	342.88	342.88	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416689	5406506	0.08014	343.3	343.3	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416689	5406306	0.07844	344.04	344.04	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416689	5406106	0.07635	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416689	5405906	0.07383	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416689	5405706	0.07093	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416689	5405506	0.06772	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416689	5405306	0.06435	349	349	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416689	5405106	0.06095	350	350	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416889	5408106	0.09812	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416889	5407906	0.09552	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416889	5407706	0.09315	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416889	5407506	0.09106	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416889	5407306	0.08919	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416889	5407106	0.08759	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416889	5406906	0.08602	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416889	5406706	0.08431	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416889	5406506	0.08228	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416889	5406306	0.07984	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416889	5406106	0.07686	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416889	5405906	0.07358	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416889	5405706	0.07002	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416889	5405506	0.06632	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416889	5405306	0.0632	349.09	349.09	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	416889	5405106	0.06182	350.12	350.12	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417089	5408106	0.10269	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417089	5407906	0.10006	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417089	5407706	0.09742	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	417089	5407506	0.09503	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417089	5407306	0.09281	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417089	5407106	0.09079	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417089	5406906	0.08868	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417089	5406706	0.08627	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417089	5406506	0.08345	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417089	5406306	0.08016	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417089	5406106	0.07647	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417089	5405906	0.07251	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417089	5405706	0.06847	347.89	347.89	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417089	5405506	0.06623	349	349	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417089	5405306	0.06471	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417089	5405106	0.06317	351.14	351.14	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417289	5408106	0.10755	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417289	5407906	0.10439	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417289	5407706	0.1014	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417289	5407506	0.09858	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417289	5407306	0.09605	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417289	5407106	0.09349	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417289	5406906	0.09066	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417289	5406706	0.08733	343.3	343.3	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417289	5406506	0.08357	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417289	5406306	0.07944	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417289	5406106	0.07508	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417289	5405906	0.07111	347	347	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417289	5405706	0.0695	348	348	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417289	5405506	0.06787	349	349	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417289	5405306	0.06626	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417289	5405106	0.06477	353	353	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417489	5408106	0.11239	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417489	5407906	0.10851	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417489	5407706	0.10485	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417489	5407506	0.1016	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417489	5407306	0.09854	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417489	5407106	0.09525	341.99	341.99	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417489	5406906	0.0914	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417489	5406706	0.08719	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417489	5406506	0.08259	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417489	5406306	0.07781	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417489	5406106	0.0749	346	346	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417489	5405906	0.07316	347	347	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417489	5405706	0.07144	348	348	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417489	5405506	0.06973	348.07	348.07	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417489	5405306	0.06818	349.95	349.95	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417489	5405106	0.06671	352.34	352.34	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	416489	5405906	0.07314	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5405706	0.07096	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5405506	0.0684	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5405306	0.06553	349	349	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416489	5405106	0.06253	350.98	350.98	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5405906	0.07163	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5405706	0.07002	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5405506	0.06822	347.84	347.84	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5405306	0.06615	351.47	351.47	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416289	5405106	0.06396	359.11	359.11	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5405906	0.0693	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5405706	0.06844	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5405506	0.06713	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5405306	0.06573	350.6	350.6	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	416089	5405106	0.06428	361	361	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415889	5405906	0.06614	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415889	5405706	0.06595	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	415889	5405506	0.06535	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415889	5405306	0.06484	356.47	356.47	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415889	5405106	0.06366	360	360	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415689	5405906	0.06283	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415689	5405706	0.06288	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415689	5405506	0.06281	348.64	348.64	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415689	5405306	0.06263	352.29	360	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415689	5405106	0.06218	357.88	357.88	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415489	5405906	0.05955	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415489	5405706	0.05959	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415489	5405506	0.05971	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415489	5405306	0.05986	350	350	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415489	5405106	0.05987	353.88	353.88	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415289	5405906	0.05667	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415289	5405706	0.05642	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415289	5405506	0.05651	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415289	5405306	0.05676	349	349	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415289	5405106	0.05699	350	350	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415089	5405906	0.05449	345.76	345.76	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415089	5405706	0.05376	345.96	345.96	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415089	5405506	0.05348	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415089	5405306	0.05357	346.52	346.52	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415089	5405106	0.05388	347.49	347.49	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414889	5405906	0.05286	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414889	5405706	0.05172	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414889	5405506	0.05104	344.98	344.98	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414889	5405306	0.0508	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414889	5405106	0.05088	346.01	346.01	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414689	5405906	0.05189	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414689	5405706	0.05038	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414689	5405506	0.04927	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414689	5405306	0.04859	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414689	5405106	0.04834	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414489	5405906	0.05128	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414489	5405706	0.04954	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414489	5405506	0.04808	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414489	5405306	0.047	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414489	5405106	0.04632	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414289	5405906	0.05083	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414289	5405706	0.04902	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414289	5405506	0.04736	345.13	345.13	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414289	5405306	0.04598	346.78	346.78	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414289	5405106	0.04492	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414089	5405906	0.05035	342.01	342.01	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414089	5405706	0.04865	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414089	5405506	0.04693	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414089	5405306	0.04536	346.91	346.91	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414089	5405106	0.04401	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413889	5405906	0.0498	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413889	5405706	0.04825	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413889	5405506	0.04662	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413889	5405306	0.04498	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413889	5405106	0.04343	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413689	5405906	0.04903	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413689	5405706	0.04773	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413689	5405506	0.04628	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413689	5405306	0.04468	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413689	5405106	0.04307	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413489	5405906	0.0481	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413489	5405706	0.04704	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413489	5405506	0.04582	342.87	342.87	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413489	5405306	0.04436	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	413489	5405106	0.04282	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414289	5406106	0.05265	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414289	5406306	0.05433	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414289	5406506	0.05579	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414289	5406706	0.05704	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414289	5406906	0.05818	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414289	5407906	0.06922	343	343	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414289	5408106	0.07438	344	344	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414289	5408306	0.07931	345	345	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414289	5408506	0.08365	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414289	5408706	0.08701	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414289	5408906	0.08917	348.63	348.63	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414289	5409106	0.09002	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414089	5406106	0.05197	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414089	5406306	0.05337	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414089	5406506	0.05456	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414089	5406706	0.05557	340.21	340.21	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414089	5406906	0.05654	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414089	5408106	0.07457	344	344	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414089	5408306	0.07893	345	345	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414089	5408506	0.08248	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414089	5408706	0.0849	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414089	5408906	0.0861	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414089	5409106	0.08625	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413889	5406106	0.05115	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413889	5406306	0.05225	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413889	5406506	0.05323	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413889	5406706	0.05411	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413889	5406906	0.05503	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413889	5408106	0.07448	344	344	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413889	5408306	0.07816	345	345	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413889	5408506	0.08084	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413889	5408706	0.08237	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413889	5408906	0.08283	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413889	5409106	0.08256	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413689	5406106	0.05009	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413689	5406306	0.05097	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413689	5406506	0.05177	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413689	5406706	0.05262	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413689	5406906	0.05359	344.89	344.89	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413689	5407106	0.05471	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413689	5407306	0.0569	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413689	5407506	0.06152	345	345	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413689	5407706	0.06607	344	344	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413689	5407906	0.07029	343	343	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413689	5408106	0.07404	344	344	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413689	5408306	0.07694	345	345	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413689	5408506	0.07883	346.97	346.97	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413689	5408706	0.0796	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413689	5408906	0.07949	348.18	348.18	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413689	5409106	0.07917	351.83	351.83	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413489	5406106	0.04891	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413489	5406306	0.0496	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413489	5406506	0.05028	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413489	5406706	0.05113	341.66	341.66	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413489	5406906	0.05222	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413489	5407106	0.05345	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413489	5407306	0.05784	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413489	5407506	0.0623	346.62	346.62	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413489	5407706	0.06648	345	345	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413489	5407906	0.07019	344.06	344.06	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413489	5408106	0.0732	344	344	0 MONTH	TMA	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	413489	5408306	0.07529	345	345	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413489	5408506	0.07635	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413489	5408706	0.07659	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413489	5408906	0.07624	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413489	5409106	0.07618	361.75	361.75	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413489	5409606	0.07686	358	358	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413489	5410106	0.08272	357	357	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413489	5410606	0.08596	355	355	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413489	5411106	0.08677	356	356	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413489	5411606	0.08495	357	357	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413489	5412106	0.07729	356	356	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413989	5409606	0.08434	361	361	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413989	5410106	0.08939	359	359	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413989	5410606	0.09423	357	357	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413989	5411106	0.09556	363.64	363.64	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413989	5411606	0.09432	363	363	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413989	5412106	0.08652	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414489	5409606	0.09391	357.99	357.99	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414489	5410106	0.09739	362.35	362.35	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414489	5410606	0.10361	359	359	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414489	5411106	0.10549	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414489	5411606	0.10482	361	361	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414489	5412106	0.09745	363	363	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414989	5409606	0.10535	352.32	352.32	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414989	5410106	0.10734	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414989	5410606	0.11437	361	361	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414989	5411106	0.11755	364	364	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414989	5411606	0.11739	368	368	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414989	5412106	0.11048	366	366	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415489	5409606	0.11698	352	352	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415489	5410106	0.12025	355	355	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415489	5410606	0.12708	361.86	361.86	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415489	5411106	0.13182	366.4	366.4	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415489	5411606	0.13222	370	370	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415489	5412106	0.12607	370	370	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415989	5409606	0.12544	353	353	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415989	5410106	0.13608	353.31	353.31	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415989	5410606	0.14277	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415989	5411106	0.14876	362	362	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415989	5411606	0.14989	360.33	360.33	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415989	5412106	0.14493	367.9	367.9	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	416489	5409606	0.13059	352	352	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	416489	5410106	0.15113	354	354	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	416489	5410606	0.16221	353.47	353.47	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	416489	5411106	0.17038	368.67	369	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	416489	5411606	0.17204	359.36	359.36	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	416489	5412106	0.16783	360.18	360.18	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	416989	5409606	0.13719	349.41	349.41	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	416989	5410106	0.16148	351	351	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	416989	5410606	0.18418	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	416989	5411106	0.19659	355.37	355.37	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	416989	5411606	0.20046	361.02	361.02	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	416989	5412106	0.19741	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	417489	5409606	0.14655	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417489	5410106	0.17215	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	417489	5410606	0.2039	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	417489	5411106	0.22998	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	417489	5411606	0.23827	365.28	365.28	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	417489	5412106	0.23709	369.67	369.67	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	417989	5409606	0.16336	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417989	5410106	0.18731	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	417989	5410606	0.22306	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	417989	5411106	0.26829	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	417989	5411606	0.28834	357.92	357.92	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	417989	5412106	0.28962	366	366	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	418489	5409606	0.18812	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	418489	5410106	0.21033	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	418489	5410606	0.24968	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	418989	5409606	0.20974	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	418989	5410106	0.24776	349	349	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	418989	5410606	0.28561	351	351	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	419489	5409606	0.22404	351.16	351.16	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419489	5410106	0.27869	355.27	355.27	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	419489	5410606	0.34541	356	356	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417989	5409106	0.14879	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417989	5408606	0.13551	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417989	5408106	0.12093	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417989	5407606	0.10864	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417989	5407106	0.09461	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	417989	5406606	0.08653	342	342	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417989	5406106	0.0817	343.99	343.99	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417989	5405606	0.07766	348	348	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417989	5405106	0.07399	354	354	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417989	5404606	0.07053	359.29	359.29	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417989	5404106	0.06714	353.81	353.81	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417989	5403606	0.06376	345	345	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417989	5403106	0.0611	356.37	356.37	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417989	5402606	0.05799	354	354	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417989	5402106	0.05512	352.54	352.54	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418489	5409106	0.16622	344.89	344.89	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	418489	5408606	0.1445	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	418489	5408106	0.12555	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	418489	5407606	0.11031	342	342	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418489	5407106	0.10364	343	343	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418489	5406606	0.09755	343	343	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418489	5406106	0.09266	346	346	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418489	5405606	0.0874	343	343	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418489	5405106	0.08276	345.29	345.29	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418489	5404606	0.07843	349	349	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418489	5404106	0.07428	356.33	356.33	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418489	5403606	0.06938	345.46	345.46	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418489	5403106	0.06577	358.05	358.05	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418489	5402606	0.06223	363.83	370	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418489	5402106	0.05892	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418989	5409106	0.17672	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	418989	5408606	0.14997	345	345	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418989	5408106	0.13745	342	342	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418989	5407606	0.12784	343	343	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418989	5407106	0.12004	346	346	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418989	5406606	0.11279	347	347	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418989	5406106	0.10542	347	347	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418989	5405606	0.09859	350.74	350.74	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418989	5405106	0.09159	347	347	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418989	5404606	0.08557	352	352	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418989	5404106	0.07978	355.19	355.19	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418989	5403606	0.07463	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418989	5403106	0.07009	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418989	5402606	0.06633	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418989	5402106	0.06309	361.55	371	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419489	5409106	0.20051	348	348	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419489	5408606	0.17904	346	346	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419489	5408106	0.16185	342	342	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419489	5407606	0.1494	343.15	343.15	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419489	5407106	0.1385	346	346	0 MONTH	TMA	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	419489	5406606	0.12773	348.32	348.32	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419489	5405606	0.10845	354	354	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419489	5405106	0.09938	349	349	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419489	5404606	0.09192	351	351	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419489	5404106	0.08569	354	354	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419489	5403606	0.08038	355	355	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419489	5403106	0.07574	355	355	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419489	5402606	0.07149	355	355	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419489	5402106	0.06741	355	355	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419989	5409106	0.24319	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419989	5406606	0.14182	348	348	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419989	5405606	0.11757	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419989	5405106	0.10726	351.23	351.23	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419989	5404606	0.0989	348	348	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419989	5404106	0.09224	351.63	351.63	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419989	5403606	0.08605	352	352	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419989	5403106	0.08026	353	353	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419989	5402606	0.07482	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419989	5402106	0.06968	358.53	358.53	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	420489	5409106	0.28747	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	420489	5408606	0.24714	345.95	345.95	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	420489	5408106	0.21574	343	343	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	420489	5405606	0.12279	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	420489	5405106	0.11214	354.81	354.81	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	420489	5404606	0.10257	349	349	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	420489	5404106	0.09478	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	420489	5403606	0.08714	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	420489	5403106	0.08001	357.19	357.19	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	420489	5402606	0.07371	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	420489	5402106	0.06822	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417489	5404606	0.06325	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417489	5404106	0.05975	349	349	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417489	5403606	0.05727	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417489	5403106	0.05497	345	345	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417489	5402606	0.05303	349	349	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417489	5402106	0.05103	355	355	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	416989	5404606	0.05882	356.24	356.24	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	416989	5404106	0.05482	347.17	347.17	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	416989	5403606	0.05162	346	346	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	416989	5403106	0.04924	346	346	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	416989	5402606	0.04748	345	345	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	416989	5402106	0.04607	347	347	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	416489	5404606	0.05616	350.43	350.43	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	416489	5404106	0.05278	348	348	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	416489	5403606	0.04917	348	348	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	416489	5403106	0.04578	347	347	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	416489	5402606	0.04309	345	345	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	416489	5402106	0.04133	346	346	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	415989	5404606	0.05843	358.85	358.85	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415989	5404106	0.05164	353.53	353.53	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415989	5403606	0.04831	348.94	348.94	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	415989	5403106	0.04505	347	347	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	415989	5402606	0.04159	344.77	344.77	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	415989	5402106	0.03863	344	344	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	415489	5404606	0.05781	350.18	350.18	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415489	5404106	0.05385	349.74	349.74	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415489	5403606	0.04856	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	415489	5403106	0.04436	347	347	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	415489	5402606	0.04178	345	345	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	415489	5402106	0.03861	343	343	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	414989	5404606	0.05313	348.54	348.54	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414989	5404106	0.05255	349	349	0 MONTH	TMA	1ST		1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	414989	5403606	0.04993	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414989	5403106	0.04583	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414989	5402606	0.04108	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414989	5402106	0.03887	342	342	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	414489	5404606	0.04628	349.15	349.15	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414489	5404106	0.04736	349	349	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414489	5403606	0.04768	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414489	5403106	0.04617	342.37	342.37	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414489	5402606	0.04326	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	414489	5402106	0.0393	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413989	5404606	0.04133	350	350	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413989	5404106	0.04108	350	350	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413989	5403606	0.04217	346.63	346.63	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413989	5403106	0.04304	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413989	5402606	0.04271	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413989	5402106	0.04096	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413489	5404606	0.03921	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413489	5404106	0.03703	347.02	347.02	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413489	5403606	0.03655	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413489	5403106	0.03752	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413489	5402606	0.03898	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413489	5402106	0.03965	344.46	344.46	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	412989	5404606	0.03882	339	339	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	412989	5404106	0.03558	339	339	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	412989	5403606	0.03365	338.18	338.18	0 MONTH	TMA	1ST		4/30/1996 24 hr
PINEGEN	412989	5403106	0.03369	341	341	0 MONTH	TMA	1ST		4/30/1996 24 hr
PINEGEN	412989	5402606	0.03373	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	412989	5402106	0.0354	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	412489	5404606	0.03824	338	338	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	412489	5404106	0.03545	338.86	338.86	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	412489	5403606	0.03251	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	412489	5403106	0.03124	343.96	343.96	0 MONTH	TMA	1ST		4/30/1996 24 hr
PINEGEN	412489	5402606	0.03143	348	348	0 MONTH	TMA	1ST		4/30/1996 24 hr
PINEGEN	412489	5402106	0.03065	348	348	0 MONTH	TMA	1ST		4/30/1996 24 hr
PINEGEN	411989	5404606	0.03681	339	339	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	411989	5404106	0.03503	337	337	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	411989	5403606	0.03256	339	339	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	411989	5403106	0.02985	342.3	342.3	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	411989	5402606	0.02912	351	351	0 MONTH	TMA	1ST		4/30/1996 24 hr
PINEGEN	411989	5402106	0.02932	349	349	0 MONTH	TMA	1ST		4/30/1996 24 hr
PINEGEN	411489	5404606	0.03472	340.02	340.02	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	411489	5404106	0.03376	335	335	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	411489	5403606	0.03232	339	339	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	411489	5403106	0.0301	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	411489	5402606	0.02756	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	411489	5402106	0.02712	348	348	0 MONTH	TMA	1ST		4/30/1996 24 hr
PINEGEN	410989	5404606	0.03262	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	410989	5404106	0.0319	336	336	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	410989	5403606	0.03127	339	339	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	410989	5403106	0.02998	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	410989	5402606	0.02791	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	410989	5402106	0.02546	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	410489	5404606	0.03108	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	410489	5404106	0.02996	335	335	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	410489	5403606	0.02955	337.41	337.41	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	410489	5403106	0.02914	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	410489	5402606	0.02793	348.05	348.05	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	410489	5402106	0.02594	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	412989	5405106	0.04201	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	412989	5405606	0.04424	339	339	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	412989	5406106	0.04575	342.28	342.28	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	412989	5406606	0.04785	348.53	367	0 MONTH	TMA	1ST		1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	412989	5407106	0.05575	353	353	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412989	5407606	0.06482	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412989	5408106	0.06944	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412989	5408606	0.06941	347.82	347.82	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412989	5409106	0.06888	359	359	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412989	5409606	0.07121	361	361	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412989	5410106	0.07694	359	359	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412989	5410606	0.07878	355	355	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412989	5411106	0.07933	354	354	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412989	5411606	0.07689	356	356	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412989	5412106	0.06973	359	359	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412489	5405106	0.04028	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	412489	5405606	0.0415	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	412489	5406106	0.04304	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	412489	5406606	0.04774	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412489	5407106	0.05704	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412489	5407606	0.06296	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412489	5408106	0.06397	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412489	5408606	0.06298	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412489	5409106	0.06301	355	355	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412489	5409606	0.06656	358.02	358.02	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412489	5410106	0.0715	356.55	356.55	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412489	5410606	0.07239	352	352	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412489	5411106	0.07286	354	354	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412489	5411606	0.06992	358.99	358.99	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412489	5412106	0.06327	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411989	5405106	0.03791	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	411989	5405606	0.03899	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	411989	5406106	0.04098	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	411989	5406606	0.04985	344	344	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411989	5407106	0.05669	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411989	5407606	0.05905	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411989	5408106	0.05823	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411989	5408606	0.05765	351.14	351.14	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411989	5409106	0.05839	355	355	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411989	5409606	0.06249	351	351	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411989	5410106	0.06632	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411989	5410606	0.06687	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411989	5411106	0.06711	356	356	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411989	5411606	0.06374	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411989	5412106	0.05773	358.84	358.84	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411489	5405106	0.0356	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	411489	5405606	0.03724	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	411489	5406106	0.04348	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411489	5406606	0.05085	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411489	5407106	0.05452	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411489	5407606	0.05421	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411489	5408106	0.05326	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411489	5408606	0.05323	352	352	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411489	5409106	0.05453	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411489	5409606	0.05901	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411489	5410106	0.06179	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411489	5410606	0.06203	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411489	5411106	0.06176	353.73	353.73	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411489	5411606	0.05828	358	358	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411489	5412106	0.05292	355	355	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410989	5405106	0.03394	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	410989	5405606	0.03764	344	344	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410989	5406106	0.04527	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410989	5406606	0.05003	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410989	5407106	0.05082	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410989	5407606	0.04957	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	410989	5408106	0.04925	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410989	5408606	0.04944	351	351	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410989	5409106	0.05144	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410989	5409606	0.0558	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410989	5410106	0.05769	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410989	5410606	0.0577	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410989	5411106	0.05694	353	353	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410989	5411606	0.05349	354	354	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410989	5412106	0.04873	350.65	350.65	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410489	5405106	0.03305	342	342	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	410489	5405606	0.03998	344	344	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410489	5406106	0.04558	345	345	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410489	5406606	0.04758	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410489	5407106	0.04655	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410489	5407606	0.04567	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410489	5408106	0.04586	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410489	5408606	0.04619	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410489	5409106	0.04883	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410489	5409606	0.05265	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410489	5410106	0.05393	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410489	5410606	0.05375	347.45	347.45	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410489	5411106	0.05251	349.99	349.99	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410489	5411606	0.04917	344.49	344.49	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410489	5412106	0.04511	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410489	5413106	0.04547	353.38	353.38	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410489	5414106	0.05291	361.45	361.45	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410489	5415106	0.04302	361	361	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	410489	5416106	0.03416	366	366	0 MONTH	TMA	1ST		12/31/1997 24 hr
PINEGEN	410489	5417106	0.03726	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
PINEGEN	411489	5413106	0.05395	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411489	5414106	0.05941	357	357	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411489	5415106	0.04694	354.84	354.84	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	411489	5416106	0.04106	358	358	0 MONTH	TMA	1ST		12/31/1997 24 hr
PINEGEN	411489	5417106	0.04084	365	365	0 MONTH	TMA	1ST		12/31/1997 24 hr
PINEGEN	412489	5413106	0.06507	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412489	5414106	0.0673	358.08	358.08	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412489	5415106	0.05172	348.91	348.91	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	412489	5416106	0.04841	350	350	0 MONTH	TMA	1ST		12/31/1997 24 hr
PINEGEN	412489	5417106	0.04292	354	354	0 MONTH	TMA	1ST		12/31/1997 24 hr
PINEGEN	413489	5413106	0.07915	359.42	359.42	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413489	5414106	0.07723	365.93	365.93	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413489	5415106	0.05845	354.21	354.21	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	413489	5416106	0.05549	350	350	0 MONTH	TMA	1ST		12/31/1997 24 hr
PINEGEN	413489	5417106	0.05019	352	352	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414489	5413106	0.09802	370	370	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414489	5414106	0.08983	368.83	368.83	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414489	5415106	0.06793	365.71	365.71	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	414489	5416106	0.06235	350	350	0 MONTH	TMA	1ST		12/31/1997 24 hr
PINEGEN	414489	5417106	0.06438	351	351	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415489	5413106	0.12365	369.94	369.94	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415489	5414106	0.10688	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415489	5415106	0.08232	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
PINEGEN	415489	5416106	0.08032	362.74	362.74	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	415489	5417106	0.0832	355.43	355.43	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	416489	5413106	0.16043	364	364	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	416489	5414106	0.1302	388.13	388.13	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	416489	5415106	0.10835	368	368	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	416489	5416106	0.10769	361	361	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	416489	5417106	0.10662	361.66	361.66	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	417489	5413106	0.21836	364.93	370	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	417489	5414106	0.17583	367	367	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	417489	5415106	0.1511	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	417489	5416106	0.14386	369	369	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	417489	5417106	0.12337	369.28	369.28	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	418489	5414106	0.2634	369	369	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	418489	5415106	0.21141	379.99	379.99	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	418489	5416106	0.1763	372	372	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	418489	5417106	0.13678	364.25	364.25	0 MONTH	TMA	1ST		1/31/2000 24 hr
PINEGEN	419489	5413106	0.58285	379.3	379.3	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	419489	5414106	0.40464	372	372	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	419489	5415106	0.27934	380.64	380.64	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	419489	5416106	0.2027	388	388	0 MONTH	TMA	1ST		1/31/2000 24 hr
PINEGEN	419489	5417106	0.16962	377.72	377.72	0 MONTH	TMA	1ST		1/31/2000 24 hr
PINEGEN	420489	5414106	0.64739	379.98	379.98	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	420489	5415106	0.3999	380	380	0 MONTH	TMA	1ST		1/31/2000 24 hr
PINEGEN	420489	5416106	0.27726	388.43	388.43	0 MONTH	TMA	1ST		1/31/2000 24 hr
PINEGEN	420489	5417106	0.20151	391.83	391.83	0 MONTH	TMA	1ST		1/31/2000 24 hr
PINEGEN	421489	5415106	0.61893	380.87	380.87	0 MONTH	TMA	1ST		2/28/1998 24 hr
PINEGEN	421489	5416106	0.37845	390.79	398	0 MONTH	TMA	1ST		2/28/1998 24 hr
PINEGEN	421489	5417106	0.29154	391.78	391.78	0 MONTH	TMA	1ST		2/28/1998 24 hr
PINEGEN	422489	5415106	0.76686	387.48	387.48	0 MONTH	TMA	1ST		2/28/1998 24 hr
PINEGEN	422489	5416106	0.45795	392	392	0 MONTH	TMA	1ST		2/28/1998 24 hr
PINEGEN	422489	5417106	0.29	400.18	400.18	0 MONTH	TMA	1ST		2/28/1998 24 hr
PINEGEN	423489	5415106	0.59482	394.52	394.52	0 MONTH	TMA	1ST		2/28/1998 24 hr
PINEGEN	423489	5416106	0.39118	394	394	0 MONTH	TMA	1ST		2/28/1998 24 hr
PINEGEN	423489	5417106	0.27784	389	389	0 MONTH	TMA	1ST		2/28/1998 24 hr
PINEGEN	424489	5415106	0.42203	393.34	393.34	0 MONTH	TMA	1ST		2/29/2000 24 hr
PINEGEN	424489	5416106	0.36276	384	384	0 MONTH	TMA	1ST		2/29/2000 24 hr
PINEGEN	424489	5417106	0.27781	377	377	0 MONTH	TMA	1ST		2/29/2000 24 hr
PINEGEN	425489	5415106	0.31679	378	378	0 MONTH	TMA	1ST		2/29/2000 24 hr
PINEGEN	425489	5416106	0.24875	377.78	377.78	0 MONTH	TMA	1ST		2/29/2000 24 hr
PINEGEN	425489	5417106	0.23489	377.38	377.38	0 MONTH	TMA	1ST		2/29/2000 24 hr
PINEGEN	421489	5408106	0.22075	351	351	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	421489	5407106	0.16859	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	421489	5404106	0.08783	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	421489	5403106	0.07362	364	364	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	421489	5402106	0.06248	365	365	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	421489	5401106	0.05381	369.45	369.45	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	421489	5400106	0.04673	362	362	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	421489	5399106	0.04099	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	421489	5398106	0.03632	370	370	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	421489	5397106	0.03228	365	365	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	422489	5408106	0.19371	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	422489	5407106	0.14683	358.1	358.1	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	422489	5406106	0.11519	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	422489	5405106	0.09265	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	422489	5404106	0.07635	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	422489	5403106	0.06475	374.96	374.96	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	422489	5402106	0.05571	372	372	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	422489	5401106	0.04851	370	370	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	422489	5400106	0.04253	368.12	368.12	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	422489	5399106	0.03739	363.71	363.71	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	422489	5398106	0.03342	369	369	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	422489	5397106	0.02979	366.36	366.36	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	423489	5408106	0.15747	354	354	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	423489	5406106	0.08546	361	361	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	423489	5405106	0.07085	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	423489	5404106	0.06026	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	423489	5403106	0.05169	376	376	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	423489	5402106	0.04477	376	376	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	423489	5401106	0.03892	378	378	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	423489	5400106	0.03472	375.48	375.48	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	423489	5399106	0.03182	367	367	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	423489	5398106	0.0291	370	370	0 MONTH	TMA	1ST		12/31/2000 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	423489	5397106	0.02659	362.4	362.4	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	424489	5406106	0.08384	369.19	369.19	0 MONTH	TMA	1ST		12/31/1997 24 hr
PINEGEN	424489	5405106	0.06521	368.07	368.07	0 MONTH	TMA	1ST		12/31/1997 24 hr
PINEGEN	424489	5404106	0.05245	361.08	366	0 MONTH	TMA	1ST		12/31/1997 24 hr
PINEGEN	424489	5403106	0.04208	377.23	377.23	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	424489	5402106	0.03854	378	378	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	424489	5401106	0.03514	376	376	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	424489	5400106	0.03228	373.06	373.06	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	424489	5399106	0.02971	370	370	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	424489	5398106	0.02711	365	365	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	424489	5397106	0.02463	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	425489	5407106	0.12636	366.67	366.67	0 MONTH	TMA	1ST		12/31/1997 24 hr
PINEGEN	425489	5406106	0.09797	378.68	378.68	0 MONTH	TMA	1ST		12/31/1997 24 hr
PINEGEN	425489	5405106	0.0728	362	362	0 MONTH	TMA	1ST		12/31/1997 24 hr
PINEGEN	425489	5404106	0.05736	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
PINEGEN	425489	5403106	0.0476	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
PINEGEN	425489	5402106	0.03993	377.99	377.99	0 MONTH	TMA	1ST		12/31/1997 24 hr
PINEGEN	425489	5401106	0.03287	375	375	0 MONTH	TMA	1ST		12/31/1997 24 hr
PINEGEN	425489	5400106	0.02717	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
PINEGEN	425489	5399106	0.02364	368	368	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	425489	5398106	0.0222	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	425489	5397106	0.02096	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	420489	5401106	0.05904	364	364	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	420489	5400106	0.05158	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	420489	5399106	0.04548	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	420489	5398106	0.04051	361	361	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	420489	5397106	0.03634	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419489	5401106	0.05973	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419489	5400106	0.0529	361.28	361.28	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419489	5399106	0.04705	355	355	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419489	5398106	0.04237	359.29	359.29	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	419489	5397106	0.03841	370.8	370.8	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418489	5401106	0.05367	362.6	362.6	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418489	5400106	0.04889	363	363	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418489	5399106	0.04413	354	354	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418489	5398106	0.03989	354.91	354.91	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	418489	5397106	0.03631	364.03	364.03	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417489	5401106	0.04695	351	351	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417489	5400106	0.04381	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417489	5399106	0.04077	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417489	5398106	0.03778	349	349	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	417489	5397106	0.03471	354	354	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	416489	5401106	0.03908	348.07	348.07	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	416489	5400106	0.03711	354.16	354.16	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	416489	5399106	0.03519	347	347	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	416489	5398106	0.0337	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	416489	5397106	0.03228	351	351	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	415489	5401106	0.03312	347	347	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	415489	5400106	0.03024	347	347	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	415489	5399106	0.02894	348	348	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	415489	5398106	0.02814	346	346	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	415489	5397106	0.02748	349.43	349.43	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	414489	5401106	0.03429	344.99	344.99	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	414489	5400106	0.02912	345	345	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	414489	5399106	0.02508	348.68	348.68	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	414489	5398106	0.02294	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	414489	5397106	0.02216	348	348	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	413489	5401106	0.03657	350	350	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	413489	5400106	0.03032	348.95	348.95	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	413489	5399106	0.02675	342	342	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	413489	5398106	0.02263	343	343	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	413489	5397106	0.01955	346	346	0 MONTH	TMA	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	412489	5401106	0.03358	345.75	345.75	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	412489	5400106	0.03337	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	412489	5399106	0.02852	350	350	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	412489	5398106	0.02445	336.36	336.36	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	412489	5397106	0.02139	352	352	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	411489	5401106	0.02687	341.01	341.01	0 MONTH	TMA	1ST		4/30/1996 24 hr
PINEGEN	411489	5400106	0.02802	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	411489	5399106	0.02987	339.84	339.84	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	411489	5398106	0.02703	338	338	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	411489	5397106	0.02202	337	337	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	410489	5401106	0.02367	336	336	0 MONTH	TMA	1ST		4/30/1996 24 hr
PINEGEN	410489	5400106	0.02379	333	333	0 MONTH	TMA	1ST		4/30/1996 24 hr
PINEGEN	410489	5399106	0.02333	333	333	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	410489	5398106	0.02629	333	333	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	410489	5397106	0.02563	336	336	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	409489	5401106	0.02244	331.92	331.92	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	409489	5400106	0.02097	332	332	0 MONTH	TMA	1ST		4/30/1996 24 hr
PINEGEN	409489	5399106	0.02133	330	330	0 MONTH	TMA	1ST		4/30/1996 24 hr
PINEGEN	409489	5398106	0.0198	331	331	0 MONTH	TMA	1ST		4/30/1996 24 hr
PINEGEN	409489	5397106	0.02292	332	332	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	408489	5401106	0.02242	339	339	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	408489	5400106	0.01974	332.35	332.35	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	408489	5399106	0.01884	336	336	0 MONTH	TMA	1ST		4/30/1996 24 hr
PINEGEN	408489	5398106	0.0193	330	330	0 MONTH	TMA	1ST		4/30/1996 24 hr
PINEGEN	408489	5397106	0.01808	332	332	0 MONTH	TMA	1ST		4/30/1996 24 hr
PINEGEN	407489	5401106	0.0201	335.77	335.77	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	407489	5400106	0.02002	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	407489	5399106	0.01755	341.44	341.44	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	407489	5398106	0.01698	330	330	0 MONTH	TMA	1ST		4/30/1996 24 hr
PINEGEN	407489	5397106	0.01757	330	330	0 MONTH	TMA	1ST		4/30/1996 24 hr
PINEGEN	406489	5401106	0.01775	338	338	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	406489	5400106	0.01817	338	338	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	406489	5399106	0.01796	334	334	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	406489	5398106	0.01559	330	330	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	406489	5397106	0.01545	330	330	0 MONTH	TMA	1ST		4/30/1996 24 hr
PINEGEN	405489	5401106	0.01768	341	341	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	405489	5400106	0.01588	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	405489	5399106	0.01653	332	332	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	405489	5398106	0.01621	330	330	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	405489	5397106	0.01399	330	330	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	409489	5402106	0.02531	336	336	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	409489	5403106	0.02575	335	335	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	409489	5404106	0.02762	336.7	336.7	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	409489	5405106	0.03693	342	342	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	409489	5406106	0.04178	344	344	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	409489	5407106	0.03953	344.53	344.53	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	409489	5408106	0.04007	343	343	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	409489	5409106	0.04443	343	343	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	409489	5410106	0.0474	340.89	340.89	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	409489	5411106	0.04503	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	409489	5412106	0.03921	355.12	355.12	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	409489	5413106	0.03869	359.32	359.32	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	409489	5414106	0.0472	355	355	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	409489	5415106	0.03966	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	409489	5416106	0.03007	361.39	361.39	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	409489	5417106	0.03274	361.64	361.64	0 MONTH	TMA	1ST		12/31/1997 24 hr
PINEGEN	408489	5402106	0.02249	330	330	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	408489	5403106	0.02346	333	333	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	408489	5404106	0.02888	335	335	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	408489	5405106	0.037	340	340	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	408489	5406106	0.03536	341	341	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	408489	5407106	0.03507	342	342	0 MONTH	TMA	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	408489	5408106	0.03565	340	340	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	408489	5409106	0.04082	341	341	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	408489	5410106	0.04195	343	343	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	408489	5411106	0.03907	344	344	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	408489	5412106	0.03437	354.96	354.96	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	408489	5413106	0.03311	354	354	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	408489	5414106	0.0423	357	357	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	408489	5415106	0.03683	358	358	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	408489	5416106	0.02771	359.51	359.51	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	408489	5417106	0.02806	349	349	0 MONTH	TMA	1ST		12/31/1997 24 hr
PINEGEN	407489	5402106	0.02019	331	331	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	407489	5403106	0.02326	330	330	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	407489	5404106	0.0316	332	332	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	407489	5405106	0.03279	334	334	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	407489	5406106	0.0306	334	334	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	407489	5407106	0.0316	341	341	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	407489	5408106	0.03236	342	342	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	407489	5409106	0.04006	345	345	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	407489	5410106	0.03703	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	407489	5411106	0.03456	351	351	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	407489	5412106	0.03041	358	358	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	407489	5413106	0.02865	359.74	359.74	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	407489	5414106	0.038	368	368	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	407489	5415106	0.03443	358.6	358.6	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	407489	5416106	0.02577	366	366	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	407489	5417106	0.02383	346	346	0 MONTH	TMA	1ST		12/31/1997 24 hr
PINEGEN	406489	5402106	0.02039	338	338	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	406489	5403106	0.02605	331	331	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	406489	5404106	0.03032	332.01	341	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	406489	5405106	0.02791	338	338	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	406489	5406106	0.02837	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	406489	5407106	0.02857	344	344	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	406489	5408106	0.02993	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	406489	5409106	0.03759	349	349	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	406489	5410106	0.03259	356	356	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	406489	5411106	0.03098	361	361	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	406489	5412106	0.02708	364	364	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	406489	5413106	0.02552	361	361	0 MONTH	TMA	1ST		9/30/1996 24 hr
PINEGEN	406489	5414106	0.03407	358.62	358.62	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	406489	5415106	0.03226	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	406489	5416106	0.02408	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	406489	5417106	0.02023	342	342	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	405489	5402106	0.0208	339	339	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	405489	5403106	0.02726	334	334	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	405489	5404106	0.02648	334	334	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	405489	5405106	0.02599	338.46	338.46	0 MONTH	TMA	1ST		1/31/1999 24 hr
PINEGEN	405489	5406106	0.02554	341	341	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	405489	5407106	0.02575	342	342	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	405489	5408106	0.02812	343	343	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	405489	5409106	0.03374	344	344	0 MONTH	TMA	1ST		12/31/2000 24 hr
PINEGEN	405489	5410106	0.02864	353	353	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	405489	5411106	0.02803	362.66	362.66	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	405489	5412106	0.02459	366	366	0 MONTH	TMA	1ST		9/30/1996 24 hr
PINEGEN	405489	5413106	0.02346	360	360	0 MONTH	TMA	1ST		9/30/1996 24 hr
PINEGEN	405489	5414106	0.03054	351.67	351.67	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	405489	5415106	0.03035	345	345	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	405489	5416106	0.02273	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
PINEGEN	405489	5417106	0.01891	343	343	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420878	5414263	0.71845	376	376	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420878	5414283	0.70852	376	376	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420878	5414303	0.69874	376	376	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420878	5414323	0.6912	375.78	375.78	0 MONTH	TMA	1ST		1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420878	5414343	0.68474	375.31	375.31	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420878	5414363	0.67805	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420878	5414383	0.67103	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420878	5414403	0.6641	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420878	5414423	0.65725	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420878	5414443	0.65049	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420898	5414263	0.72438	376	376	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420898	5414283	0.7148	376	376	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420898	5414303	0.70726	376	376	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420898	5414323	0.70095	375.29	375.29	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420898	5414343	0.69396	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420898	5414363	0.68665	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420898	5414383	0.67944	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420898	5414403	0.67232	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420898	5414423	0.66529	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420898	5414443	0.65835	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420918	5414263	0.73242	375.87	375.87	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420918	5414283	0.72593	375.03	375.03	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420918	5414303	0.71809	375.05	375.05	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420918	5414323	0.71043	375.02	375.02	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420918	5414343	0.70285	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420918	5414363	0.69534	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420918	5414383	0.68793	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420918	5414403	0.68061	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420918	5414423	0.67339	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420918	5414443	0.66627	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420938	5414263	0.7438	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420938	5414283	0.73564	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420938	5414303	0.7276	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420938	5414323	0.71966	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420938	5414343	0.71184	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420938	5414363	0.70411	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420938	5414383	0.69649	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420938	5414403	0.68897	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420938	5414423	0.68156	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420938	5414443	0.67424	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420958	5414263	0.75385	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420958	5414283	0.74543	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420958	5414303	0.73715	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420958	5414323	0.72898	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420958	5414343	0.72092	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420958	5414363	0.71298	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420958	5414383	0.70514	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420958	5414403	0.69741	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420958	5414423	0.68979	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420958	5414443	0.68228	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420978	5414263	0.76404	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420978	5414283	0.75537	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420978	5414303	0.74683	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420978	5414323	0.73841	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420978	5414343	0.73012	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420978	5414363	0.72194	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420978	5414383	0.71388	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420978	5414403	0.70593	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420978	5414423	0.6981	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420978	5414443	0.69038	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420998	5414263	0.77478	374.77	374.77	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420998	5414283	0.76577	374.8	374.8	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420998	5414303	0.75668	374.98	374.98	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420998	5414323	0.74798	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420998	5414343	0.73944	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420998	5414363	0.73102	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420998	5414383	0.72272	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420998	5414403	0.71454	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420998	5414423	0.70649	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420998	5414443	0.69855	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	421018	5414263	0.78719	374	374	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	421018	5414283	0.77716	374.03	374.03	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	421018	5414303	0.76745	374.46	374.46	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	421018	5414323	0.75784	374.9	374.9	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	421018	5414343	0.74888	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	421018	5414363	0.74021	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	421018	5414383	0.73166	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	421018	5414403	0.72325	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	421018	5414423	0.71496	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	421018	5414443	0.7068	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	421038	5414263	0.7975	374.17	374.17	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421038	5414283	0.78682	374.82	374.82	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421038	5414303	0.77735	374.81	374.81	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421038	5414323	0.76785	374.96	374.96	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421038	5414343	0.75872	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421038	5414363	0.74985	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421038	5414383	0.74116	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421038	5414403	0.73266	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421038	5414423	0.72432	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421038	5414443	0.71615	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421058	5414263	0.80811	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421058	5414283	0.79816	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421058	5414303	0.78844	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421058	5414323	0.77893	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421058	5414343	0.76963	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421058	5414363	0.76053	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421058	5414383	0.75163	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421058	5414403	0.7429	375.01	375.01	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421058	5414423	0.73437	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421058	5414443	0.726	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5414263	0.82008	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5414283	0.80987	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5414303	0.7999	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5414323	0.79015	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5414343	0.78018	375.26	375.26	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5414363	0.77068	375.37	375.37	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5414383	0.76161	375.35	375.35	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5414403	0.75243	375.51	375.51	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5414423	0.74284	376	376	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5414443	0.73431	376	376	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421098	5414263	0.83176	375.19	375.19	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421098	5414283	0.82016	375.75	375.75	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421098	5414303	0.81002	375.73	375.73	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421098	5414323	0.80012	375.71	375.71	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421098	5414343	0.78998	375.91	375.91	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421098	5414363	0.7803	376	376	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421098	5414383	0.77101	376	376	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421098	5414403	0.76191	376	376	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421098	5414423	0.753	376	376	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421098	5414443	0.74427	376	376	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421118	5414263	0.84206	376	376	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421118	5414283	0.83138	376.01	376.01	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421118	5414303	0.8209	376.04	376.04	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421118	5414323	0.81078	376.02	376.02	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421118	5414343	0.80086	376.01	376.01	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421118	5414363	0.79116	376	376	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421118	5414383	0.78074	376.42	376.42	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421118	5414403	0.77022	376.95	376.95	0	MONTH	TMA	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421118	5414423	0.7612	376.93	376.93	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421118	5414443	0.75237	376.91	376.91	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421138	5414263	0.85316	376.39	376.39	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421138	5414283	0.84211	376.45	376.45	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421138	5414303	0.82995	377	377	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421138	5414323	0.81962	377	377	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421138	5414343	0.80953	377	377	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421138	5414363	0.79966	377	377	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421138	5414383	0.78968	377.12	377.12	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421138	5414403	0.77986	377.26	377.26	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421138	5414423	0.77066	377.24	377.24	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421138	5414443	0.76165	377.22	377.22	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421158	5414263	0.86348	377	377	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421158	5414283	0.8524	377	377	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421158	5414303	0.84159	377	377	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421158	5414323	0.82927	377.56	377.56	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421158	5414343	0.81881	377.62	377.62	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421158	5414363	0.8088	377.61	377.61	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421158	5414383	0.79845	377.78	377.78	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421158	5414403	0.78816	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421158	5414423	0.77877	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421158	5414443	0.76957	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421178	5414263	0.87466	377.3	377.3	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421178	5414283	0.86084	377.99	377.99	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421178	5414303	0.84996	377.97	377.97	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421178	5414323	0.83919	377.99	377.99	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421178	5414343	0.8287	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421178	5414363	0.81847	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421178	5414383	0.80701	378.42	378.42	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421178	5414403	0.79558	378.88	378.88	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421178	5414423	0.78615	378.86	378.86	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421178	5414443	0.77689	378.84	378.84	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421198	5414263	0.88423	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421198	5414283	0.87275	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421198	5414303	0.86151	378.01	378.01	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421198	5414323	0.84973	378.23	378.23	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421198	5414343	0.83672	378.82	378.82	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421198	5414363	0.82562	379	379	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421198	5414383	0.81551	379	379	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421198	5414403	0.80537	379.06	379.06	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421198	5414423	0.79525	379.17	379.17	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421198	5414443	0.78583	379.15	379.15	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421218	5414263	0.89568	378.2	378.2	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421218	5414283	0.88216	378.61	378.61	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421218	5414303	0.87083	378.6	378.6	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421218	5414323	0.85814	378.96	378.96	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421218	5414343	0.84716	379	379	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421218	5414363	0.8366	379	379	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421218	5414383	0.8252	379.25	379.25	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421218	5414403	0.81324	379.68	379.68	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421218	5414423	0.80197	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421218	5414443	0.79238	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421238	5414263	0.90443	378.96	378.96	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421238	5414283	0.89236	379	379	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421238	5414303	0.88078	379	379	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421238	5414323	0.86948	379	379	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421238	5414343	0.85844	379	379	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421238	5414363	0.84516	379.54	379.54	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421238	5414383	0.83289	379.91	379.91	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421238	5414403	0.82225	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421238	5414423	0.81139	380.18	380.18	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421238	5414443	0.79913	380.69	380.69	0 MONTH	TMA	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421258	5414263	0.91668	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421258	5414283	0.90427	379.05	379.05	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421258	5414303	0.89135	379.26	379.26	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421258	5414323	0.87622	379.94	379.94	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421258	5414343	0.86475	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421258	5414363	0.85387	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421258	5414383	0.84286	380.07	380.07	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421258	5414403	0.83048	380.45	380.45	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421258	5414423	0.81738	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421258	5414443	0.80752	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421278	5414263	0.92931	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421278	5414283	0.91572	379.21	379.21	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421278	5414303	0.89915	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421278	5414323	0.88748	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421278	5414343	0.87609	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421278	5414363	0.86323	380.31	380.31	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421278	5414383	0.84995	380.74	380.74	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421278	5414403	0.8379	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421278	5414423	0.82704	381.1	381.1	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421278	5414443	0.8156	381.34	381.34	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421298	5414263	0.94033	379.31	379.31	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421298	5414283	0.92419	379.88	379.88	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421298	5414303	0.91117	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421298	5414323	0.89921	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421298	5414343	0.88753	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421298	5414363	0.87214	380.68	380.68	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421298	5414383	0.85916	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421298	5414403	0.84656	381.3	381.3	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421298	5414423	0.833	381.79	381.79	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421298	5414443	0.82174	381.96	381.96	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421318	5414263	0.95288	379.38	379.38	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421318	5414283	0.93594	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421318	5414303	0.92334	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421318	5414323	0.91106	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421318	5414343	0.89388	380.83	380.83	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421318	5414363	0.88123	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421318	5414383	0.86626	381.56	381.56	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421318	5414403	0.8522	382.02	382.02	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421318	5414423	0.84161	382.02	382.02	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421318	5414443	0.83135	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421338	5414263	0.96599	379.39	379.39	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421338	5414283	0.94862	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421338	5414303	0.93566	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421338	5414323	0.92304	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421338	5414343	0.9053	380.84	380.84	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421338	5414363	0.89052	381.27	381.27	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421338	5414383	0.87581	381.73	381.73	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421338	5414403	0.85955	382.43	382.43	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421338	5414423	0.84443	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421338	5414443	0.83399	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421358	5414263	0.97931	379.4	379.4	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421358	5414283	0.96147	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421358	5414303	0.94745	380.1	380.1	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421358	5414323	0.93016	380.73	380.73	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421358	5414343	0.91602	380.96	380.96	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421358	5414363	0.89834	381.72	381.72	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421358	5414383	0.88148	382.39	382.39	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421358	5414403	0.86683	382.81	382.81	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421358	5414423	0.85271	383.2	383.2	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421358	5414443	0.83862	383.62	383.62	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421378	5414263	0.99281	379.41	379.41	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421378	5414283	0.97447	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421378	5414303	0.96068	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421378	5414323	0.94725	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421378	5414343	0.92825	380.87	380.87	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421378	5414363	0.90934	381.73	381.73	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421378	5414383	0.89043	382.59	382.59	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421378	5414403	0.87161	383.44	383.44	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421378	5414423	0.85581	383.97	383.97	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421378	5414443	0.84481	384	384	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421398	5414263	1.00762	379.25	379.25	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421398	5414283	0.98957	379.72	379.72	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421398	5414303	0.97331	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421398	5414323	0.95937	380.01	380.01	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421398	5414343	0.93979	380.88	380.88	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421398	5414363	0.92032	381.74	381.74	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421398	5414383	0.9008	382.61	382.61	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421398	5414403	0.8802	383.6	383.6	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421398	5414423	0.86039	384.5	384.5	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421398	5414443	0.84412	385.05	385.05	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421418	5414263	1.02318	379	379	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421418	5414283	1.00574	379.3	379.3	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421418	5414303	0.98599	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421418	5414323	0.97144	380.03	380.03	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421418	5414343	0.95133	380.89	380.89	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421418	5414363	0.93129	381.75	381.75	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421418	5414383	0.9079	382.99	382.99	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421418	5414403	0.88363	384.27	384.27	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421418	5414423	0.86259	385.2	385.2	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421418	5414443	0.84699	385.64	385.64	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421438	5414263	1.03385	379.46	379.46	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421438	5414283	1.01396	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421438	5414303	0.9987	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421438	5414323	0.98359	380.04	380.04	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421438	5414343	0.96286	380.9	380.9	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421438	5414363	0.93591	382.48	382.48	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421438	5414383	0.9124	383.6	383.6	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421438	5414403	0.88636	384.93	384.93	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421438	5414423	0.86004	386.23	386.23	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421438	5414443	0.8417	386.86	386.86	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421458	5414263	1.04348	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421458	5414283	1.02721	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421458	5414303	1.00996	380.19	380.19	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421458	5414323	0.98782	381.05	381.05	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421458	5414343	0.96584	381.91	381.91	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421458	5414363	0.94206	382.97	382.97	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421458	5414383	0.9146	384.36	384.36	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421458	5414403	0.88806	385.61	385.61	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421458	5414423	0.86511	386.55	386.55	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421458	5414443	0.84346	387.4	387.4	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5414263	1.05731	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5414283	1.03875	380.21	380.21	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5414303	1.01747	380.81	380.81	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5414323	0.99446	381.65	381.65	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5414343	0.97157	382.5	382.5	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5414363	0.94514	383.7	383.7	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5414383	0.91723	385	385	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5414403	0.88908	386.28	386.28	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5414423	0.8631	387.38	387.38	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5414443	0.84051	388.24	388.24	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421498	5414263	1.06235	380.95	380.95	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421498	5414283	1.04211	381.28	381.28	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421498	5414303	1.0193	381.93	381.93	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421498	5414323	1.00157	382.14	382.14	0 MONTH	TMA	1ST		2/28/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421498	5414343	0.96901	383.76	384	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421498	5414363	0.94454	384.66	384.66	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421498	5414383	0.9195	385.61	385.61	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421498	5414403	0.88918	386.96	386.96	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421498	5414423	0.86014	388.2	388.2	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421498	5414443	0.83709	389.04	389.04	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421518	5414263	1.07023	381.5	381.5	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421518	5414283	1.04652	382.09	382.09	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421518	5414303	1.02603	382.45	382.45	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421518	5414323	1.00066	383.29	383.29	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421518	5414343	0.97555	384.14	384.14	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421518	5414363	0.95088	384.98	384.98	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421518	5414383	0.91856	386.4	386.4	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421518	5414403	0.88995	387.54	387.54	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421518	5414423	0.86567	388.4	388.4	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421518	5414443	0.84162	389.27	389.27	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421538	5414263	1.08049	381.79	381.79	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421538	5414283	1.05614	382.37	382.37	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421538	5414303	1.02887	383.24	383.24	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421538	5414323	1.00214	384.1	384.1	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421538	5414343	0.97577	384.96	384.96	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421538	5414363	0.94962	385.83	385.83	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421538	5414383	0.92401	386.69	386.69	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421538	5414403	0.89881	387.55	387.55	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421538	5414423	0.87386	388.42	388.42	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421538	5414443	0.8512	389.17	389.17	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421558	5414263	1.08574	382.46	382.46	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421558	5414283	1.06221	382.91	382.91	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421558	5414303	1.04085	383.25	383.25	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421558	5414323	1.01345	384.11	384.11	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421558	5414343	0.98629	384.98	384.98	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421558	5414363	0.95966	385.84	385.84	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421558	5414383	0.93346	386.7	386.7	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421558	5414403	0.90755	387.57	387.57	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421558	5414423	0.88704	388.12	388.12	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421558	5414443	0.86969	388.5	388.5	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421578	5414263	1.09805	382.53	382.53	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421578	5414283	1.06825	383.4	383.4	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421578	5414303	1.0428	384	384	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421578	5414323	1.02474	384.12	384.12	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421578	5414343	0.99695	384.99	384.99	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421578	5414363	0.9697	385.85	385.85	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421578	5414383	0.94368	386.66	386.66	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421578	5414403	0.92564	386.98	386.98	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421578	5414423	0.90639	387.42	387.42	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421578	5414443	0.88591	387.98	387.98	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421598	5414263	1.11087	382.55	382.55	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421598	5414283	1.0805	383.41	383.41	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421598	5414303	1.0546	384	384	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421598	5414323	1.03584	384.14	384.14	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421598	5414343	1.00755	385	385	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421598	5414363	0.98491	385.51	385.51	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421598	5414383	0.96486	385.89	385.89	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421598	5414403	0.94398	386.37	386.37	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421598	5414423	0.92664	386.65	386.65	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421598	5414443	0.91214	386.77	386.77	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421618	5414263	1.12363	382.56	382.56	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421618	5414283	1.09257	383.42	383.42	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421618	5414303	1.06626	384	384	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421618	5414323	1.04694	384.15	384.15	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421618	5414343	1.01821	385	385	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421618	5414363	1.00257	385	385	0	MONTH	TMA	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421618	5414383	0.98419	385.23	385.23	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421618	5414403	0.96264	385.73	385.73	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421618	5414423	0.94497	386	386	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421618	5414443	0.92996	386.12	386.12	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421638	5414263	1.13611	382.57	382.57	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421638	5414283	1.1106	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421638	5414303	1.08779	383.3	383.3	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421638	5414323	1.06016	384	384	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421638	5414343	1.04289	384.02	384.02	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421638	5414363	1.01465	384.87	384.87	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421638	5414383	0.99731	385	385	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421638	5414403	0.98218	385.01	385.01	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421638	5414423	0.96739	385.03	385.03	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421638	5414443	0.95305	385.05	385.05	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421658	5414263	1.14822	382.58	382.58	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421658	5414283	1.12238	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421658	5414303	1.1007	383.19	383.19	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421658	5414323	1.07532	383.7	383.7	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421658	5414343	1.05372	384	384	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421658	5414363	1.03696	384	384	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421658	5414383	1.02073	384	384	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421658	5414403	1.00499	384	384	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421658	5414423	0.98974	384	384	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421658	5414443	0.97495	384	384	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5414263	1.15991	382.59	382.59	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5414283	1.13377	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5414303	1.11444	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5414323	1.09492	383.06	383.06	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5414343	1.07313	383.34	383.34	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5414363	1.05552	383.36	383.36	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5414383	1.03846	383.38	383.38	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5414403	1.02195	383.4	383.4	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5414423	1.00607	383.41	383.41	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5414443	0.99057	383.43	383.43	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421698	5414263	1.171	382.61	382.61	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421698	5414283	1.14475	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421698	5414303	1.12515	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421698	5414323	1.10618	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421698	5414343	1.08782	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421698	5414363	1.07005	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421698	5414383	1.05284	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421698	5414403	1.03616	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421698	5414423	1.02	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421698	5414443	1.00786	382.67	382.67	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421718	5414263	1.17981	382.75	382.75	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421718	5414283	1.15533	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421718	5414303	1.13547	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421718	5414323	1.11627	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421718	5414343	1.09768	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421718	5414363	1.0797	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421718	5414383	1.06461	382.81	382.81	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421718	5414403	1.04799	382.78	382.78	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421718	5414423	1.03591	382.38	382.38	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421718	5414443	1.02361	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421738	5414263	1.18638	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421738	5414283	1.16557	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421738	5414303	1.14547	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421738	5414323	1.12604	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421738	5414343	1.10724	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421738	5414363	1.08905	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421738	5414383	1.08121	382.19	382.19	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421738	5414403	1.06584	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421738	5414423	1.04884	382	382	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421738	5414443	1.03432	381.8	381.8	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421758	5414263	1.17992	383.97	383.97	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421758	5414283	1.1599	383.95	383.95	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421758	5414303	1.14603	383.59	383.59	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421758	5414323	1.13554	383	383	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421758	5414343	1.11654	383	383	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421758	5414363	1.09816	383	383	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421758	5414383	1.0904	382.18	382.18	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421758	5414403	1.07474	382	382	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421758	5414423	1.06217	381.55	381.55	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421758	5414443	1.04933	381.12	381.12	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421778	5414263	1.18393	384.28	384.28	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421778	5414283	1.16392	384.26	384.26	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421778	5414303	1.14611	384.15	384.15	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421778	5414323	1.13246	383.81	383.81	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421778	5414343	1.12306	383.18	383.18	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421778	5414363	1.10691	383.01	383.01	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421778	5414383	1.09781	382.3	382.3	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421778	5414403	1.08298	382.04	382.04	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421778	5414423	1.07185	381.44	381.44	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421778	5414443	1.05885	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421798	5414263	1.16707	385.59	385.59	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421798	5414283	1.15394	385.27	385.27	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421798	5414303	1.14321	384.82	384.82	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421798	5414323	1.13182	384.39	384.39	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421798	5414343	1.12046	383.94	383.94	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421798	5414363	1.10871	383.5	383.5	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421798	5414383	1.09664	383.07	383.07	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421798	5414403	1.08859	382.29	382.29	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421798	5414423	1.07776	381.68	381.68	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421798	5414443	1.06485	381.24	381.24	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421818	5414263	1.16072	386.29	386.29	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421818	5414283	1.14918	385.93	385.93	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421818	5414303	1.13871	385.51	385.51	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421818	5414323	1.13036	384.96	384.96	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421818	5414343	1.11636	384.71	384.71	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421818	5414363	1.10968	384	384	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421818	5414383	1.10402	383.14	383.14	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421818	5414403	1.09026	382.83	382.83	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421818	5414423	1.079	382.31	382.31	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421818	5414443	1.06985	381.55	381.55	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421838	5414263	1.14829	387.2	387.2	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421838	5414283	1.12988	387.19	387.19	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421838	5414303	1.12145	386.75	386.75	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421838	5414323	1.12143	385.87	385.87	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421838	5414343	1.11754	385.11	385.11	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421838	5414363	1.10178	384.99	384.99	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421838	5414383	1.09793	384.13	384.13	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421838	5414403	1.09265	383.26	383.26	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421838	5414423	1.08586	382.4	382.4	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421838	5414443	1.07779	381.54	381.54	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421858	5414263	1.12424	388.51	388.51	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421858	5414283	1.11381	388.21	388.21	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421858	5414303	1.10641	387.78	387.78	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421858	5414323	1.10258	387.17	387.17	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421858	5414343	1.10347	386.28	386.28	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421858	5414363	1.10243	385.4	385.4	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421858	5414383	1.09967	384.52	384.52	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421858	5414403	1.0952	383.64	383.64	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421858	5414423	1.08924	382.76	382.76	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421858	5414443	1.08199	381.87	381.87	0 MONTH	TMA	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421878	5414263	1.09789	389.82	389.82	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421878	5414283	1.09615	389.23	389.23	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421878	5414303	1.09858	388.44	388.44	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421878	5414323	1.09879	387.69	387.69	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421878	5414343	1.09734	386.96	386.96	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421878	5414363	1.08559	386.7	386.7	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421878	5414383	1.08521	385.82	385.82	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421878	5414403	1.09146	384.41	384.41	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421878	5414423	1.08876	383.38	383.38	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421878	5414443	1.08224	382.51	382.51	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421898	5414263	1.09976	390.04	390.04	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421898	5414283	1.0838	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421898	5414303	1.07877	389.55	389.55	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421898	5414323	1.08276	388.71	388.71	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421898	5414343	1.08507	387.88	387.88	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421898	5414363	1.0869	387	387	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421898	5414383	1.08721	386.11	386.11	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421898	5414403	1.08563	385.23	385.23	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421898	5414423	1.08238	384.35	384.35	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421898	5414443	1.07751	383.47	383.47	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421918	5414263	1.09242	390.59	390.59	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421918	5414283	1.0869	390.17	390.17	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421918	5414303	1.08192	389.72	389.72	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421918	5414323	1.07687	389.26	389.26	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421918	5414343	1.06961	388.88	388.88	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421918	5414363	1.06678	388.29	388.29	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421918	5414383	1.06912	387.41	387.41	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421918	5414403	1.06978	386.53	386.53	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421918	5414423	1.07195	385.46	385.46	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421918	5414443	1.07563	384.12	384.12	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421938	5414263	1.08855	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421938	5414283	1.07631	390.84	390.84	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421938	5414303	1.07249	390.37	390.37	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421938	5414323	1.0683	389.9	389.9	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421938	5414343	1.06107	389.54	389.54	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421938	5414363	1.05943	388.93	388.93	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421938	5414383	1.06236	388.07	388.07	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421938	5414403	1.06388	387.2	387.2	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421938	5414423	1.0682	386.08	386.08	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421938	5414443	1.06845	385.06	385.06	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421958	5414263	1.09597	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421958	5414283	1.07926	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421958	5414303	1.063	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421958	5414323	1.0472	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421958	5414343	1.03766	390.77	390.77	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421958	5414363	1.04387	389.89	389.89	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421958	5414383	1.04886	389	389	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421958	5414403	1.05205	388.12	388.12	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421958	5414423	1.05361	387.24	387.24	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421958	5414443	1.06032	385.88	388	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421978	5414263	1.10309	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421978	5414283	1.0864	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421978	5414303	1.07009	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421978	5414323	1.05417	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421978	5414343	1.03864	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421978	5414363	1.02573	390.91	390.91	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421978	5414383	1.03162	390.04	390.04	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421978	5414403	1.03142	389.38	389.38	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421978	5414423	1.03721	388.39	388.39	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421978	5414443	1.04815	387.02	387.02	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421998	5414263	1.11393	390.86	390.86	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421998	5414283	1.09322	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421998	5414303	1.07695	391	391	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421998	5414323	1.06099	391	391	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421998	5414343	1.04536	391	391	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421998	5414363	1.03106	390.96	390.96	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421998	5414383	1.02527	390.58	390.58	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421998	5414403	1.02173	390.09	390.09	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421998	5414423	1.03118	388.98	388.98	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421998	5414443	1.04226	387.67	387.67	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422018	5414263	1.12209	390.8	390.8	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422018	5414283	1.09966	391	391	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422018	5414303	1.08346	391	391	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422018	5414323	1.06754	391	391	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422018	5414343	1.05189	391	391	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422018	5414363	1.03651	391	391	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422018	5414383	1.02139	391	391	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422018	5414403	1.02645	390.16	390.16	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422018	5414423	1.03079	389.29	389.29	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422018	5414443	1.04494	387.86	387.86	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422038	5414263	1.1519	390	390	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422038	5414283	1.11497	390.68	390.68	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422038	5414303	1.08957	391	391	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422038	5414323	1.07372	391	391	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422038	5414343	1.05811	391	391	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422038	5414363	1.04272	391	391	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422038	5414383	1.02754	391	391	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422038	5414403	1.02962	390.29	390.29	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422038	5414423	1.03396	389.43	389.43	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422038	5414443	1.04726	387.96	390	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422058	5414243	1.17711	389.96	389.96	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422058	5414263	1.15796	390	390	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422058	5414283	1.13243	390.28	390.28	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422058	5414303	1.10242	390.75	390.75	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422058	5414323	1.07952	391	391	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422058	5414343	1.06396	391	391	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422058	5414363	1.0486	391	391	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422058	5414383	1.03342	391	391	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422058	5414403	1.01843	391	391	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422058	5414423	1.02081	390.27	390.27	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422058	5414443	1.03792	388.81	388.81	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422078	5414243	1.21063	389.07	389.07	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422078	5414263	1.16838	389.85	389.85	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422078	5414283	1.14634	390	390	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422078	5414303	1.1273	390.07	390.07	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422078	5414323	1.09856	390.51	390.51	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422078	5414343	1.06942	391	391	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422078	5414363	1.0541	391	391	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422078	5414383	1.03921	390.99	390.99	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422078	5414403	1.04088	390.31	390.31	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422078	5414423	1.03145	390.06	390.06	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422078	5414443	1.04437	388.79	388.79	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422098	5414243	1.22704	388.74	388.74	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422098	5414263	1.20071	388.97	388.97	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422098	5414283	1.16461	389.57	389.57	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422098	5414303	1.13709	389.92	389.92	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422098	5414323	1.11804	390	390	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422098	5414343	1.09463	390.26	390.26	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422098	5414363	1.06663	390.72	390.72	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422098	5414383	1.06955	390	390	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422098	5414403	1.05384	390	390	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422098	5414423	1.05605	389.24	389.24	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422098	5414443	1.05904	388.38	388.38	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422118	5414243	1.2725	387.45	387.45	0	MONTH	TMA	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422118	5414263	1.22583	388.33	388.33	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422118	5414283	1.20174	388.49	388.49	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422118	5414303	1.16616	389.09	389.09	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422118	5414323	1.13661	389.52	389.52	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422118	5414343	1.11913	389.54	389.54	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422118	5414363	1.10202	389.56	389.56	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422118	5414383	1.08523	389.58	389.58	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422118	5414403	1.06873	389.6	389.6	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422118	5414423	1.07041	388.85	388.85	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422118	5414443	1.07283	388	388	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422138	5414243	1.29246	387	387	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422138	5414263	1.26672	387.14	387.14	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422138	5414283	1.22794	387.78	387.78	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422138	5414303	1.19893	388.12	388.12	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422138	5414323	1.16773	388.58	388.58	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422138	5414343	1.13871	389	389	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422138	5414363	1.12155	389	389	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422138	5414383	1.10574	388.96	388.96	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422138	5414403	1.10369	388.35	388.35	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422138	5414423	1.09332	388.07	388.07	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422138	5414443	1.09179	387.36	387.36	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422158	5414243	1.33273	385.84	385.84	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422158	5414263	1.30566	385.98	385.98	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422158	5414283	1.2654	386.65	386.65	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422158	5414303	1.23621	386.96	386.96	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422158	5414323	1.20394	387.43	387.43	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422158	5414343	1.1723	387.92	387.92	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422158	5414363	1.15355	387.94	387.94	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422158	5414383	1.13527	387.96	387.96	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422158	5414403	1.11743	387.98	387.98	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422158	5414423	1.11764	387.2	387.2	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422158	5414443	1.11175	386.36	386.36	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5414243	1.37474	384.56	384.56	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5414263	1.32698	385.44	385.44	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5414283	1.30072	385.56	385.56	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5414303	1.26219	386.2	386.2	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5414323	1.2311	386.6	386.6	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5414343	1.21073	386.61	386.61	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5414363	1.19068	386.63	386.63	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5414383	1.17118	386.65	386.65	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5414403	1.15222	386.67	386.67	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5414423	1.1454	386.13	386.13	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5414443	1.1339	385.8	385.8	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422198	5414243	1.41474	383.26	383.26	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422198	5414263	1.36736	384.14	384.14	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422198	5414283	1.32593	384.83	384.83	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422198	5414303	1.29443	385.17	385.17	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422198	5414323	1.26933	385.29	385.29	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422198	5414343	1.24162	385.56	385.56	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422198	5414363	1.211	386	386	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422198	5414383	1.19258	385.94	385.94	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422198	5414403	1.18477	385.39	385.39	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422198	5414423	1.1659	385.38	385.38	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422198	5414443	1.15208	385.13	385.13	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422218	5414243	1.43063	382.91	382.91	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422218	5414263	1.40182	382.99	382.99	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422218	5414283	1.35896	383.74	383.74	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422218	5414303	1.32887	383.99	383.99	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422218	5414323	1.29408	384.5	384.5	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422218	5414343	1.2606	385	385	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422218	5414363	1.23903	385.01	385.01	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422218	5414383	1.21788	385.03	385.03	0 MONTH	TMA	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422218	5414403	1.19839	385	385	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422218	5414423	1.17893	385	385	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422218	5414443	1.17146	384.37	384.37	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422238	5414243	1.46639	381.67	381.67	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422238	5414263	1.41923	382.55	382.55	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422238	5414283	1.39089	382.63	382.63	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422238	5414303	1.35088	383.31	383.31	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422238	5414323	1.31896	383.67	383.67	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422238	5414343	1.29275	383.81	383.81	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422238	5414363	1.2664	384	384	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422238	5414383	1.24467	384	384	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422238	5414403	1.22363	384	384	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422238	5414423	1.20683	383.8	383.8	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422238	5414443	1.18741	383.78	383.78	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422258	5414243	1.4881	381.02	381.02	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422258	5414263	1.45352	381.29	381.29	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422258	5414283	1.41421	381.87	381.87	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422258	5414303	1.38058	382.23	382.23	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422258	5414323	1.34597	382.7	382.7	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422258	5414343	1.31289	383.15	383.15	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422258	5414363	1.28482	383.4	383.4	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422258	5414383	1.26225	383.41	383.41	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422258	5414403	1.24026	383.43	383.43	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422258	5414423	1.22546	383.07	383.07	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422258	5414443	1.2062	383	383	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422278	5414243	1.51469	380.09	380.09	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422278	5414263	1.4682	380.96	380.96	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422278	5414283	1.43872	381.01	381.01	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422278	5414303	1.39868	381.69	381.69	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422278	5414323	1.36626	382.03	382.03	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422278	5414343	1.34043	382.07	382.07	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422278	5414363	1.31576	382.09	382.09	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422278	5414383	1.29188	382.11	382.11	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422278	5414403	1.26898	382.12	382.12	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422278	5414423	1.24675	382.14	382.14	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422278	5414443	1.22535	382.16	382.16	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422298	5414243	1.52404	380.07	380.07	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422298	5414263	1.48223	380.67	380.67	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422298	5414283	1.44802	380.95	380.95	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422298	5414303	1.41929	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422298	5414323	1.38522	381.41	381.41	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422298	5414343	1.35335	381.76	381.76	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422298	5414363	1.32827	381.78	381.78	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422298	5414383	1.304	381.8	381.8	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422298	5414403	1.28072	381.81	381.81	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422298	5414423	1.25815	381.83	381.83	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422298	5414443	1.2364	381.85	381.85	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422318	5414243	1.53463	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422318	5414263	1.50345	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422318	5414283	1.46775	380.33	380.33	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422318	5414303	1.43045	380.83	380.83	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422318	5414323	1.40026	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422318	5414343	1.37395	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422318	5414363	1.34845	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422318	5414383	1.32378	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422318	5414403	1.29997	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422318	5414423	1.27702	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422318	5414443	1.25489	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422338	5414243	1.54423	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422338	5414263	1.51266	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422338	5414283	1.48233	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422338	5414303	1.45179	380.08	380.08	0 MONTH	TMA	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422338	5414323	1.423	380.12	380.12	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422338	5414343	1.39548	380.14	380.14	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422338	5414363	1.36887	380.16	380.16	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422338	5414383	1.34319	380.18	380.18	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422338	5414403	1.31803	380.23	380.23	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422338	5414423	1.28529	380.92	380.92	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422338	5414443	1.26187	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422358	5414243	1.57107	379.1	379.1	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422358	5414263	1.52663	379.76	379.76	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422358	5414283	1.49202	379.97	379.97	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422358	5414303	1.46192	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422358	5414323	1.4334	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422358	5414343	1.40584	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422358	5414363	1.37921	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422358	5414383	1.3535	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422358	5414403	1.32872	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422358	5414423	1.30483	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422358	5414443	1.28176	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420878	5414493	0.63399	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420878	5414543	0.61805	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420878	5414593	0.60233	375.35	375.35	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420878	5414643	0.58299	378.49	378.49	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420878	5414693	0.56594	380	380	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420878	5414743	0.5504	381	381	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420878	5414793	0.53539	381.99	381.99	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420878	5414843	0.52312	382.15	382.15	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420878	5414893	0.50926	383.07	383.07	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420878	5414943	0.49568	384	384	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420878	5414993	0.48508	384	384	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420878	5415043	0.47376	384.35	384.35	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420878	5415093	0.46191	385	385	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420878	5415143	0.45077	385.5	385.5	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420878	5415193	0.43996	386	386	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420928	5414493	0.65265	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420928	5414543	0.63568	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420928	5414593	0.61893	375.38	375.38	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420928	5414643	0.60028	377.54	377.54	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420928	5414693	0.58289	378.93	378.93	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420928	5414743	0.56659	380	380	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420928	5414793	0.55094	381.02	381.02	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420928	5414843	0.53587	382	382	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420928	5414893	0.52124	382.96	382.96	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420928	5414943	0.50955	383	383	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420928	5414993	0.49826	383	383	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420928	5415043	0.48707	383.07	383.07	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420928	5415093	0.47621	383.13	383.13	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420928	5415143	0.46328	384.17	384.17	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420928	5415193	0.451	385.06	385.06	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420978	5414493	0.67158	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420978	5414543	0.65348	375	375	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420978	5414593	0.63562	375.41	375.41	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420978	5414643	0.61746	376.57	376.57	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420978	5414693	0.59797	378.73	378.73	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420978	5414743	0.58068	379.89	379.89	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420978	5414793	0.56407	381	381	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420978	5414843	0.54947	381.7	381.7	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420978	5414893	0.53666	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420978	5414943	0.5252	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420978	5414993	0.51469	381.76	381.76	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420978	5415043	0.50367	381.81	381.81	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420978	5415093	0.49281	381.85	381.85	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420978	5415143	0.47968	382.92	382.92	0	MONTH	TMA	1ST	2/28/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420978	5415193	0.46655	383.96	383.96	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421028	5414493	0.69174	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421028	5414543	0.67311	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421028	5414593	0.65527	375.05	375.05	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421028	5414643	0.63629	376.6	376.6	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421028	5414693	0.61818	377.81	377.81	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421028	5414743	0.60011	379.24	379.24	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421028	5414793	0.58392	380.08	380.08	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421028	5414843	0.5682	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421028	5414893	0.55554	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421028	5414943	0.54335	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421028	5414993	0.53229	380.63	380.63	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421028	5415043	0.52179	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421028	5415093	0.50909	380.59	380.59	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421028	5415143	0.49661	381.12	381.12	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421028	5415193	0.48272	382.35	382.35	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5414493	0.71371	376	376	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5414543	0.69407	376	376	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5414593	0.67534	376	376	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5414643	0.6575	376	376	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5414693	0.63756	377.79	377.79	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5414743	0.6191	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5414793	0.60176	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5414843	0.58748	380.08	380.08	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5414893	0.57391	380.12	380.12	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5414943	0.56116	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5414993	0.54844	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5415043	0.53594	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5415093	0.52358	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5415143	0.51096	380.22	380.22	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421078	5415193	0.49621	381.63	381.63	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5414493	0.7357	376.91	376.91	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5414543	0.7162	376.31	376.31	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5414593	0.69697	376	376	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5414643	0.67816	376	376	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5414693	0.65869	377	377	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5414743	0.63847	378.7	378.7	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5414793	0.62009	379.79	379.79	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5414843	0.60468	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5414893	0.59077	379.85	379.85	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5414943	0.57681	379.9	379.9	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5414993	0.56499	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5415043	0.55158	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5415093	0.53823	379.09	379.09	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5415143	0.52325	380.25	380.25	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5415193	0.50829	381.41	381.41	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421178	5414493	0.75696	378	378	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421178	5414543	0.73672	377.46	377.46	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421178	5414593	0.71738	376.84	376.84	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421178	5414643	0.69908	376	376	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421178	5414693	0.67885	376.85	376.85	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421178	5414743	0.65999	377.44	377.44	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421178	5414793	0.64209	378	378	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421178	5414843	0.62506	378.53	378.53	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421178	5414893	0.60962	378.58	378.58	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421178	5414943	0.59537	378.22	378.22	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421178	5414993	0.58027	378.54	378.54	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421178	5415043	0.56524	378.99	378.99	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421178	5415093	0.55104	379.12	379.12	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421178	5415143	0.53525	380.28	380.28	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421178	5415193	0.51959	381.44	381.44	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421228	5414493	0.77495	379.77	379.77	0	MONTH	TMA	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421228	5414543	0.75661	378.6	378.6	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421228	5414593	0.73669	377.99	377.99	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421228	5414643	0.71825	377	377	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421228	5414693	0.69871	376.88	376.88	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421228	5414743	0.67973	377	377	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421228	5414793	0.66189	377	377	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421228	5414843	0.64483	377	377	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421228	5414893	0.6284	377	377	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421228	5414943	0.61094	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421228	5414993	0.59547	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421228	5415043	0.57865	379	379	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421228	5415093	0.56364	379.15	379.15	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421228	5415143	0.54708	380.31	380.31	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421228	5415193	0.53074	381.47	381.47	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421278	5414493	0.79411	380.81	380.81	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421278	5414543	0.77434	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421278	5414593	0.75545	379	379	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421278	5414643	0.73669	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421278	5414693	0.71822	377.01	377.01	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421278	5414743	0.6985	377	377	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421278	5414793	0.67971	377	377	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421278	5414843	0.66173	377	377	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421278	5414893	0.64349	377.55	377.55	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421278	5414943	0.62595	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421278	5414993	0.60782	378.98	378.98	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421278	5415043	0.59187	379.02	379.02	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421278	5415093	0.57444	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421278	5415143	0.55934	380.09	380.09	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421278	5415193	0.54302	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5414493	0.81084	382	382	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5414543	0.79305	380.8	380.8	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5414593	0.77425	379.7	379.7	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5414643	0.7554	378.59	378.59	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5414693	0.73541	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5414743	0.71701	377	377	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5414793	0.69729	377	377	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5414843	0.67838	377	377	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5414893	0.65838	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5414943	0.6393	378.74	378.74	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5414993	0.61963	379.9	379.9	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5415043	0.60285	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5415093	0.58679	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5415143	0.57129	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5415193	0.55527	380.53	380.53	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421378	5414493	0.82232	383.58	383.58	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421378	5414543	0.80603	382.34	382.34	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421378	5414593	0.79271	380.27	380.27	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421378	5414643	0.77405	379	379	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421378	5414693	0.75448	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421378	5414743	0.73522	377	377	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421378	5414793	0.71458	377	377	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421378	5414843	0.69432	377.25	377.25	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421378	5414893	0.6738	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421378	5414943	0.65323	379	379	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421378	5414993	0.63316	379.93	379.93	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421378	5415043	0.61574	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421378	5415093	0.59906	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421378	5415143	0.58239	380.28	380.28	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421378	5415193	0.56712	380.24	380.24	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5414493	0.82372	385.79	385.79	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5414543	0.8182	383.58	383.58	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5414593	0.80792	381.31	381.31	0 MONTH	TMA	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421428	5414643	0.79315	379.15	379.15	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5414693	0.77326	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5414743	0.75124	377.83	377.83	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5414793	0.73157	377	377	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5414843	0.70993	377.48	377.48	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5414893	0.68895	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5414943	0.66747	379	379	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5414993	0.64649	379.96	379.96	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5415043	0.62847	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5415093	0.61055	380.28	380.28	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5415143	0.59224	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5415193	0.5765	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5414493	0.80816	388.77	388.77	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5414543	0.81298	386.26	388	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5414593	0.82421	381.9	384	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5414643	0.81264	379.12	379.12	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5414693	0.79105	378.24	378.24	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5414743	0.76833	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5414793	0.74802	377.1	377.1	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5414843	0.72558	377.51	377.51	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5414893	0.70375	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5414943	0.68139	379	379	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5414993	0.65953	379.99	379.99	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5415043	0.641	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5415093	0.62245	380.31	380.31	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5415143	0.60369	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421478	5415193	0.58748	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5414493	0.80927	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5414543	0.82671	386.82	386.82	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5414593	0.84012	382.5	382.5	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5414643	0.82804	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5414693	0.80666	379	379	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5414743	0.78549	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5414793	0.76215	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5414843	0.7404	377.72	377.72	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5414893	0.71812	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5414943	0.69488	379	379	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5414993	0.67224	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5415043	0.65319	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5415093	0.63404	380.34	380.34	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5415143	0.61484	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5415193	0.59815	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421578	5414493	0.85697	388.02	388.02	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421578	5414543	0.86105	385.45	385.45	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421578	5414593	0.86582	381.53	386	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421578	5414643	0.85092	379.06	379.06	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421578	5414693	0.82466	378.92	378.92	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421578	5414743	0.80221	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421578	5414793	0.77783	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421578	5414843	0.75445	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421578	5414893	0.7301	378.73	378.73	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421578	5414943	0.70786	379	379	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421578	5414993	0.68449	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421578	5415043	0.66491	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421578	5415093	0.64444	380.63	380.63	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421578	5415143	0.62552	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421578	5415193	0.60837	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421628	5414493	0.91301	385.26	385.26	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421628	5414543	0.90156	383.35	383.35	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421628	5414593	0.88763	381.19	381.19	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421628	5414643	0.86491	380.03	380.03	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421628	5414693	0.84159	379	379	0 MONTH	TMA	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421628	5414743	0.81841	378	378	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421628	5414793	0.79293	378	378	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421628	5414843	0.76855	378	378	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421628	5414893	0.74255	378.97	378.97	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421628	5414943	0.71748	379.92	379.92	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421628	5414993	0.69616	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421628	5415043	0.67534	380.24	380.24	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421628	5415093	0.6539	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421628	5415143	0.63559	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421628	5415193	0.61541	381.89	381.89	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5414493	0.96129	382.73	382.73	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5414543	0.93183	382.17	382.17	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5414593	0.90731	381.09	381.09	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5414643	0.88291	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5414693	0.85828	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5414743	0.83401	378	378	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5414793	0.80739	378	378	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5414843	0.78163	378.13	378.13	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5414893	0.7549	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5414943	0.72896	379.96	379.96	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5414993	0.70716	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5415043	0.68332	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5415093	0.66374	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5415143	0.64313	381.59	381.59	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421678	5415193	0.62405	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5414493	0.99687	381.09	381.09	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5414543	0.96439	380.47	380.47	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5414593	0.93259	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5414643	0.90512	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5414693	0.87512	378.81	378.81	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5414743	0.84894	378	378	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5414793	0.82116	378	378	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5414843	0.79158	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5414893	0.76665	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5414943	0.73973	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5414993	0.71698	380.14	380.14	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5415043	0.69293	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5415093	0.67248	381.11	381.11	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5415143	0.65038	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5415193	0.63207	382.12	382.12	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421778	5414493	1.02551	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421778	5414543	0.98659	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421778	5414593	0.95546	379.1	379.1	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421778	5414643	0.92175	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421778	5414693	0.89341	378.09	378.09	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421778	5414743	0.8632	378	378	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421778	5414793	0.83286	378.42	378.42	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421778	5414843	0.80352	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421778	5414893	0.77413	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421778	5414943	0.74991	380.01	380.01	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421778	5414993	0.7234	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421778	5415043	0.7018	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421778	5415093	0.67763	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421778	5415143	0.65844	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421778	5415193	0.63679	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5414493	1.0439	380.13	380.13	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5414543	1.00969	379.23	379.23	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5414593	0.97315	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5414643	0.93782	378.98	378.98	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5414693	0.90866	378	378	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5414743	0.87677	378.04	378.04	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5414793	0.84319	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421828	5414843	0.81211	379.73	379.73	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5414893	0.78456	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5414943	0.75562	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5414993	0.73153	381.18	381.18	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5415043	0.70611	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5415093	0.68376	382.41	382.41	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5415143	0.66211	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5415193	0.64199	383.58	383.58	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421878	5414493	1.06047	380.35	380.35	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421878	5414543	1.02731	379.2	379.2	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421878	5414593	0.98956	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421878	5414643	0.95309	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421878	5414693	0.91947	378.84	378.84	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421878	5414743	0.88766	378.65	378.65	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421878	5414793	0.8553	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421878	5414843	0.82201	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421878	5414893	0.79075	380.91	380.91	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421878	5414943	0.76483	381.01	381.01	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421878	5414993	0.73642	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421878	5415043	0.71194	382.46	382.46	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421878	5415093	0.68871	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421878	5415143	0.66636	383.71	383.71	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421878	5415193	0.64757	384	384	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5414493	1.06919	381.32	381.32	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5414543	1.0384	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5414593	1.00519	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5414643	0.96779	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5414693	0.93247	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5414743	0.89895	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5414793	0.86441	379.63	379.63	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5414843	0.83291	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5414893	0.8006	380.94	380.94	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5414943	0.77361	381.1	381.1	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5414993	0.7443	382.11	382.11	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5415043	0.71723	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5415093	0.69285	383.72	383.72	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5415143	0.67147	384.21	384.21	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5415193	0.65018	385	385	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421978	5414493	1.06348	383.34	383.34	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421978	5414543	1.05315	380.14	380.14	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421978	5414593	1.02014	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421978	5414643	0.98181	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421978	5414693	0.94561	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421978	5414743	0.91127	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421978	5414793	0.87577	379.66	379.66	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421978	5414843	0.84366	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421978	5414893	0.81023	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421978	5414943	0.7784	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421978	5414993	0.75201	382.29	382.29	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421978	5415043	0.72308	383.45	383.45	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421978	5415093	0.69737	384.37	384.37	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421978	5415143	0.6751	385	385	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421978	5415193	0.65252	385.96	385.96	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422028	5414493	1.07515	383.64	386	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422028	5414543	1.0689	380.15	380.15	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422028	5414593	1.03282	379.34	379.34	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422028	5414643	0.9942	379.23	379.23	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422028	5414693	0.95835	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422028	5414743	0.9232	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422028	5414793	0.88679	379.69	379.69	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422028	5414843	0.85413	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422028	5414893	0.82	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422028	5414943	0.78758	382	382	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422028	5414993	0.7553	383.31	383.31	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422028	5415043	0.72592	384.45	384.45	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422028	5415093	0.69861	385.56	385.56	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422028	5415143	0.67729	386	386	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422028	5415193	0.65398	386.99	386.99	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422078	5414493	1.08101	384.47	384.47	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422078	5414543	1.07688	381.12	381.12	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422078	5414593	1.04344	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422078	5414643	1.00324	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422078	5414693	0.96544	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422078	5414743	0.93264	379.47	379.47	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422078	5414793	0.89755	379.72	379.72	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422078	5414843	0.86433	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422078	5414893	0.82939	381.04	381.04	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422078	5414943	0.79443	382.43	382.43	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422078	5414993	0.75957	384.09	384.09	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422078	5415043	0.72719	385.61	385.61	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422078	5415093	0.6986	386.82	386.82	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422078	5415143	0.67173	388	388	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422078	5415193	0.6546	388.06	388.06	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5414493	1.08589	385.2	385.2	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5414543	1.08381	382.09	382.09	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5414593	1.05216	380.89	380.89	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5414643	1.01761	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5414693	0.97843	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5414743	0.94161	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5414793	0.90697	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5414843	0.87442	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5414893	0.8388	381.07	381.07	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5414943	0.79896	383.22	383.22	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5414993	0.76116	385.2	385.2	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5415043	0.72938	386.54	386.54	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5415093	0.69569	388.3	388.3	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5415143	0.66931	389.33	389.33	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5415193	0.64751	389.99	389.99	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5414493	1.11735	384.17	384.17	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5414543	1.08952	383	383	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5414593	1.05912	381.86	381.86	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5414643	1.02496	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5414693	0.98505	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5414743	0.94748	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5414793	0.91683	380.22	380.22	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5414843	0.88475	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5414893	0.8485	381.1	381.1	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5414943	0.80834	383.25	383.25	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5414993	0.76894	385.41	385.41	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5415043	0.73006	387.57	387.57	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5415093	0.699	388.92	388.92	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5415143	0.67175	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422178	5415193	0.65548	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422228	5414493	1.14827	383.07	383.07	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422228	5414543	1.11054	382.52	382.52	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422228	5414593	1.07278	382	382	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422228	5414643	1.03948	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422228	5414693	0.99854	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422228	5414743	0.95982	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422228	5414793	0.92229	381.2	381.2	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422228	5414843	0.89013	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422228	5414893	0.85882	381.13	381.13	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422228	5414943	0.81821	383.28	383.28	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422228	5414993	0.77834	385.44	385.44	0 MONTH	TMA	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422228	5415043	0.73892	387.6	387.6	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422228	5415093	0.70701	389	389	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422228	5415143	0.68017	390	390	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422228	5415193	0.66373	390	390	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422278	5414493	1.17751	382.02	382.02	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422278	5414543	1.13112	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422278	5414593	1.08665	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422278	5414643	1.04404	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422278	5414693	1.00329	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422278	5414743	0.9646	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422278	5414793	0.92847	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422278	5414843	0.89526	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422278	5414893	0.86151	382.52	382.52	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422278	5414943	0.82155	384.31	384.31	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422278	5414993	0.78385	386	386	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422278	5415043	0.74804	387.63	387.63	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422278	5415093	0.7179	388.79	388.79	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422278	5415143	0.68926	389.95	389.95	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422278	5415193	0.67217	390	390	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422328	5414493	1.20587	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422328	5414543	1.15661	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422328	5414593	1.10764	381.23	381.23	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422328	5414643	1.05624	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422328	5414693	1.01512	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422328	5414743	0.97643	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422328	5414793	0.93246	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422328	5414843	0.89985	383.02	383.02	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422328	5414893	0.86135	384.13	384.13	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422328	5414943	0.82536	385.23	385.23	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422328	5414993	0.79004	386.5	386.5	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422328	5415043	0.75764	387.66	387.66	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422328	5415093	0.72698	388.82	388.82	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422328	5415143	0.70694	389	389	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422328	5415193	0.68075	390	390	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422378	5415043	0.76783	387.69	387.69	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422378	5415093	0.7428	388.18	388.18	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422378	5415143	0.71626	389	389	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422378	5415193	0.69467	389.42	389.42	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422428	5415043	0.78532	387	387	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422428	5415093	0.75594	387.88	387.88	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422428	5415143	0.73485	388	388	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422428	5415193	0.70731	389	389	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422478	5415043	0.79663	387	387	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422478	5415093	0.77448	387	387	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422478	5415143	0.74477	388	388	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422478	5415193	0.72325	388.23	388.23	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422528	5415043	0.80743	387	387	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422528	5415093	0.77625	387.94	387.94	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422528	5415143	0.75475	388	388	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422528	5415193	0.72595	389	389	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422578	5415043	0.8173	387	387	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422578	5415093	0.78537	388	388	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422578	5415143	0.76321	388.13	388.13	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422578	5415193	0.73522	389	389	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422628	5415043	0.81755	387.84	387.84	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422628	5415093	0.7941	388	388	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422628	5415143	0.7633	389	389	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422628	5415193	0.74332	389	389	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422678	5415043	0.8235	388	388	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422678	5415093	0.80099	388.03	388.03	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422678	5415143	0.76982	389	389	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422678	5415193	0.74583	389.35	389.35	0	MONTH	TMA	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422728	5415043	0.82961	388	388	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422728	5415093	0.79564	389	389	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422728	5415143	0.77144	389.22	389.22	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422728	5415193	0.74233	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422778	5415043	0.82266	388.93	388.93	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422778	5415093	0.79694	389.09	389.09	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422778	5415143	0.76418	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422778	5415193	0.73882	390.36	390.36	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422828	5415043	0.82269	389	389	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422828	5415093	0.79376	389.34	389.34	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422828	5415143	0.76283	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422828	5415193	0.72994	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422878	5415043	0.82064	389	389	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422878	5415093	0.78334	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422878	5415143	0.75945	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422878	5415193	0.72617	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422928	5415043	0.80381	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422928	5415093	0.77845	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422928	5415143	0.745	390.84	390.84	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422928	5415193	0.71555	391.5	391.5	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422978	5415043	0.79687	390.01	390.01	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422978	5415093	0.75988	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422978	5415143	0.73245	391.37	391.37	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422978	5415193	0.70376	392	392	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423028	5415043	0.7873	390.08	390.08	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423028	5415093	0.75179	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423028	5415143	0.71754	392	392	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423028	5415193	0.69508	392.14	392.14	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423078	5415043	0.76592	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423078	5415093	0.74057	391.17	391.17	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423078	5415143	0.70908	392	392	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423078	5415193	0.6798	392.8	392.8	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423128	5415043	0.75504	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423128	5415093	0.72893	391.3	391.3	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423128	5415143	0.69972	392	392	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423128	5415193	0.66883	393	393	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	420828	5414293	0.68935	376	376	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420828	5414343	0.66651	376	376	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420828	5414393	0.6467	375.31	375.31	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5414443	0.63112	375	375	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5414493	0.61564	375	375	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5414543	0.60068	375	375	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5414593	0.58409	376.79	376.79	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5414643	0.56528	379.61	379.61	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5414693	0.54903	381	381	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5414743	0.53447	381.87	381.87	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5414793	0.52245	382	382	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5414843	0.50861	383	383	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5414893	0.49508	384	384	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5414943	0.48414	384.23	384.23	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5414993	0.47189	385	385	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5415043	0.46219	385	385	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5415093	0.44988	385.97	385.97	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5415143	0.44064	386	386	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5415193	0.43171	386	386	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420778	5414143	0.74114	378	378	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420778	5414193	0.71893	377	377	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420778	5414243	0.69557	377	377	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420778	5414293	0.67445	376.2	376.2	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420778	5414343	0.65302	376	376	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420778	5414393	0.63209	376	376	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420778	5414443	0.61303	375	375	0 MONTH	TMA	1ST		1/31/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420778	5414493	0.59772	375	375	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420778	5414543	0.58355	375.13	375.13	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420778	5414593	0.56682	377.58	377.58	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420778	5414643	0.54831	380.45	380.45	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420778	5414693	0.53221	382	382	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420778	5414743	0.51942	382.48	382.48	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420778	5414793	0.50707	383	383	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420778	5414843	0.49457	383.74	383.74	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420778	5414893	0.48385	384	384	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420778	5414943	0.47126	385	385	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420778	5414993	0.4619	385	385	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420778	5415043	0.45272	385	385	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420778	5415093	0.44357	385.05	385.05	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420778	5415143	0.43485	385.01	385.01	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420778	5415193	0.42626	385	385	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5413493	1.24685	376	376	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420728	5413543	1.17954	377	377	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420728	5413593	1.11711	378	378	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420728	5413643	1.06045	378.9	378.9	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420728	5413693	1.01151	379.37	379.37	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420728	5413743	0.96593	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420728	5413793	0.92819	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420728	5413843	0.89288	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420728	5413893	0.85904	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420728	5413943	0.82665	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420728	5413993	0.79614	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420728	5414043	0.76974	379.48	379.48	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420728	5414093	0.74697	378.32	378.32	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420728	5414143	0.72301	378	378	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420728	5414193	0.70107	377.38	377.38	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420728	5414243	0.67879	377.43	377.43	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420728	5414293	0.65747	377.47	377.47	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420728	5414343	0.63776	377	377	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420728	5414393	0.61928	376	376	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420728	5414443	0.60119	375	375	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420728	5414493	0.58288	375	375	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420728	5414543	0.56766	374.47	374.47	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5414593	0.55137	377.52	377.52	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5414643	0.53382	380.42	380.42	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5414693	0.51852	382	382	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5414743	0.50499	383	383	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5414793	0.49219	383.9	383.9	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5414843	0.48224	384	384	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5414893	0.47291	384	384	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5414943	0.4638	384	384	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5414993	0.45487	384	384	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5415043	0.44648	383.83	383.83	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5415093	0.43793	383.78	383.78	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5415143	0.42953	383.73	383.73	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5415193	0.42128	383.69	383.69	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420678	5413493	1.19433	376.74	376.74	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420678	5413543	1.13009	377.91	377.91	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420678	5413593	1.07076	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420678	5413643	1.01667	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420678	5413693	0.97399	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420678	5413743	0.9342	380.13	380.13	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420678	5413793	0.89476	380.78	380.78	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420678	5413843	0.86055	381	381	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420678	5413893	0.83399	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420678	5413943	0.80331	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420678	5413993	0.77493	379.85	379.85	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420678	5414043	0.75084	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420678	5414093	0.7284	378	378	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420678	5414143	0.70475	378	378	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420678	5414193	0.68105	378.65	378.65	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420678	5414243	0.6575	379.7	379.7	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420678	5414293	0.63933	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420678	5414343	0.6212	378.45	378.45	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420678	5414393	0.60572	376.4	376.4	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420678	5414443	0.58884	375.24	375.24	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420678	5414493	0.57233	374.09	374.09	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420678	5414543	0.55501	375.05	375.05	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420678	5414593	0.53545	378.46	378.46	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420678	5414643	0.51756	381.39	381.39	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420678	5414693	0.50387	382.55	382.55	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420678	5414743	0.4925	383	383	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420678	5414793	0.48102	383.68	383.68	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420678	5414843	0.47178	383.72	383.72	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420678	5414893	0.46476	383	383	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420678	5414943	0.4561	383	383	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420678	5414993	0.44844	382.6	382.6	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420678	5415043	0.44081	382.19	382.19	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420678	5415093	0.43281	382	382	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420678	5415143	0.42459	382	382	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420678	5415193	0.41652	382	382	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420628	5413493	1.14471	377.2	377.2	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5413543	1.08505	378.28	378.28	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5413593	1.02931	379.39	379.39	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5413643	0.98124	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5413693	0.94108	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5413743	0.89827	381	381	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5413793	0.86515	381	381	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5413843	0.8384	380.18	380.18	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5413893	0.80911	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5413943	0.7801	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5413993	0.75617	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5414043	0.73168	378.54	378.54	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5414093	0.70771	378.51	378.51	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5414143	0.68408	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5414193	0.66051	379.99	379.99	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5414243	0.64084	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5414293	0.62201	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5414343	0.60685	378.62	378.62	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5414393	0.59115	377.43	377.43	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5414443	0.57654	375.28	375.28	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5414493	0.56136	374	374	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5414543	0.54359	376.04	376.04	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5414593	0.52462	379.2	379.2	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5414643	0.50664	381.36	381.36	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420628	5414693	0.49181	382.31	382.31	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420628	5414743	0.48041	383	383	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420628	5414793	0.47128	383	383	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420628	5414843	0.46256	383	383	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420628	5414893	0.45558	382.36	382.36	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420628	5414943	0.44808	382	382	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420628	5414993	0.44057	381.68	381.68	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420628	5415043	0.43351	381.1	381.1	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420628	5415093	0.42572	381	381	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420628	5415143	0.41787	381	381	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420628	5415193	0.41014	381	381	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420578	5413493	1.09594	377.68	377.68	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420578	5413543	1.03917	378.93	378.93	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420578	5413593	0.9873	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420578	5413643	0.94648	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420578	5413693	0.90888	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420578	5413743	0.86871	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420578	5413793	0.83758	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420578	5413843	0.81226	380.21	380.21	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420578	5413893	0.78481	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420578	5413943	0.75784	379.89	379.89	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420578	5413993	0.73475	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420578	5414043	0.71022	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420578	5414093	0.68747	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420578	5414143	0.66357	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420578	5414193	0.64391	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420578	5414243	0.62247	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420578	5414293	0.60736	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420578	5414343	0.59226	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420578	5414393	0.57807	377.46	377.46	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420578	5414443	0.56427	375.31	375.31	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420578	5414493	0.54996	374	374	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420578	5414543	0.53303	376.02	376.02	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420578	5414593	0.51496	379.17	379.17	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420578	5414643	0.49846	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420578	5414693	0.4838	382	382	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420578	5414743	0.47127	382.19	382.19	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420578	5414793	0.46158	382.24	382.24	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420578	5414843	0.4537	382.01	382.01	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420578	5414893	0.44569	382	382	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420578	5414943	0.43951	381.07	381.07	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420578	5414993	0.43194	381	381	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420578	5415043	0.42438	381	381	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420578	5415093	0.41789	380.24	380.24	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420578	5415143	0.41072	380	380	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420578	5415193	0.40335	380	380	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420528	5413493	1.05	378	378	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5413543	0.99435	379.7	379.7	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5413593	0.95111	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5413643	0.91309	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5413693	0.87643	380.28	380.28	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5413743	0.84037	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5413793	0.81112	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5413843	0.78819	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5413893	0.76144	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5413943	0.73587	379.92	379.92	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5413993	0.71408	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5414043	0.6908	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5414093	0.66917	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5414143	0.64646	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5414193	0.62778	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5414243	0.61003	380.01	380.01	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5414293	0.59306	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5414343	0.57909	378.79	378.79	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5414393	0.56604	376.84	376.84	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5414443	0.55233	375.1	375.1	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5414493	0.53858	374	374	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5414543	0.52252	375.98	375.98	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5414593	0.50532	379.14	379.14	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5414643	0.49067	380.37	380.37	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5414693	0.47657	381.49	381.49	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5414743	0.464	382	382	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5414793	0.45278	382	382	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420528	5414843	0.44254	382	382	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420528	5414893	0.43528	381.8	381.8	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420528	5414943	0.42921	381	381	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420528	5414993	0.42197	381	381	0	MONTH	TMA	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420528	5415043	0.41615	380	380	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420528	5415093	0.40906	380	380	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420528	5415143	0.40204	380	380	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420528	5415193	0.39508	380	380	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420478	5413493	1.00438	378.62	378.62	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5413543	0.95661	379.67	379.67	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5413593	0.91637	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5413643	0.88101	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5413693	0.84824	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5413743	0.81804	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5413793	0.79022	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5413843	0.76408	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5413893	0.73891	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5413943	0.71621	379.47	379.47	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5413993	0.69408	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5414043	0.67197	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5414093	0.64925	379.83	379.83	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5414143	0.62981	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5414193	0.61205	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5414243	0.5952	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5414293	0.57904	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5414343	0.56593	378.68	378.68	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5414393	0.55368	376.53	376.53	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5414443	0.54079	374.37	374.37	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5414493	0.5272	374	374	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5414543	0.51201	375.95	375.95	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5414593	0.49698	378.11	378.11	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5414643	0.48185	380.27	380.27	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5414693	0.46912	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5414743	0.45648	381.89	381.89	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5414793	0.44558	382	382	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5414843	0.43572	381.68	381.68	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5414893	0.42658	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420478	5414943	0.41855	381	381	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420478	5414993	0.41225	380.62	380.62	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420478	5415043	0.40629	380	380	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420478	5415093	0.39964	380	380	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420478	5415143	0.39304	380	380	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420478	5415193	0.38651	379.99	379.99	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420428	5413493	0.96339	378.59	378.59	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5413543	0.92127	379.31	379.31	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5413593	0.88217	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5413643	0.8494	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5413693	0.81894	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5413743	0.79081	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5413793	0.76481	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5413843	0.74033	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5413893	0.71669	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5413943	0.69661	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5413993	0.67436	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5414043	0.651	379.92	379.92	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5414093	0.63138	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5414143	0.61335	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5414193	0.59446	380.81	380.81	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5414243	0.58038	380.03	380.03	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5414293	0.56536	379.87	379.87	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5414343	0.55404	377.72	377.72	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5414393	0.54202	375.35	375.35	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5414443	0.52918	374	374	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5414493	0.51575	374	374	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5414543	0.50141	375.92	375.92	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5414593	0.48716	378.08	378.08	0	MONTH	TMA	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420428	5414643	0.47279	380.24	380.24	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5414693	0.46064	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5414743	0.45007	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5414793	0.43981	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5414843	0.42983	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5414893	0.42011	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5414943	0.41063	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420428	5414993	0.40257	380	380	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420428	5415043	0.39623	380	380	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420428	5415093	0.38998	380	380	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420428	5415143	0.38379	380	380	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420428	5415193	0.37856	379.02	379.02	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420378	5413493	0.92176	378.84	378.84	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5413543	0.88217	379.72	379.72	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5413593	0.84819	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5413643	0.81788	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5413693	0.78965	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5413743	0.76352	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5413793	0.73931	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5413843	0.71646	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5413893	0.69435	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5413943	0.67276	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5413993	0.65194	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5414043	0.63225	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5414093	0.61387	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5414143	0.59676	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5414193	0.58074	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5414243	0.56555	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5414293	0.55295	378.91	378.91	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5414343	0.54163	376.75	376.75	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5414393	0.52959	374.59	374.59	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5414443	0.51708	373.27	373.27	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5414493	0.50415	374	374	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5414543	0.4906	375.89	375.89	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5414593	0.47711	378.05	378.05	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5414643	0.46379	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5414693	0.45192	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5414743	0.44189	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5414793	0.43213	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5414843	0.42264	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5414893	0.41338	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5414943	0.40547	380.01	380.01	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5414993	0.39658	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5415043	0.38787	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420378	5415093	0.38027	380	380	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420378	5415143	0.37527	379.17	379.17	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420378	5415193	0.36962	379	379	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420328	5413493	0.88267	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420328	5413543	0.84541	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420328	5413593	0.8153	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420328	5413643	0.78715	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420328	5413693	0.76089	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420328	5413743	0.73657	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420328	5413793	0.714	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420328	5413843	0.69267	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420328	5413893	0.67199	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420328	5413943	0.65173	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420328	5413993	0.63213	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420328	5414043	0.61354	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420328	5414093	0.59614	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420328	5414143	0.57994	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420328	5414193	0.56477	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420328	5414243	0.55215	379.04	379.04	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420328	5414293	0.53989	377.94	377.94	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420328	5414343	0.52868	375.78	375.78	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420328	5414393	0.5164	374.62	374.62	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420328	5414443	0.50467	373	373	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420328	5414493	0.49243	373.75	373.75	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420328	5414543	0.48007	374.97	374.97	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420328	5414593	0.46761	377.08	377.08	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420328	5414643	0.45532	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420328	5414693	0.44425	379.98	379.98	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420328	5414743	0.43467	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420328	5414793	0.42538	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420328	5414843	0.41632	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420328	5414893	0.40747	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420328	5414943	0.39881	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420328	5414993	0.39034	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420328	5415043	0.38237	379.64	379.64	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420328	5415093	0.3747	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420328	5415143	0.36665	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420328	5415193	0.36113	378.54	378.54	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420278	5413493	0.84761	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5413543	0.81323	379.92	379.92	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5413593	0.78469	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5413643	0.75831	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5413693	0.73369	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5413743	0.71087	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5413793	0.68969	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5413843	0.66965	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5413893	0.65021	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5413943	0.63114	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5413993	0.61263	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5414043	0.59501	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5414093	0.57851	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5414143	0.56314	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5414193	0.55053	379.05	379.05	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5414243	0.5382	378.13	378.13	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5414293	0.52636	377	377	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5414343	0.51467	375.81	375.81	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5414393	0.5031	374.65	374.65	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5414443	0.492	373.49	373.49	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5414493	0.48067	373	373	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5414543	0.46952	373.97	373.97	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5414593	0.45783	375.78	375.78	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5414643	0.447	377.11	377.11	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5414693	0.43663	378.21	378.21	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5414743	0.42699	378.81	378.81	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5414793	0.41798	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5414843	0.40936	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5414893	0.40094	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5414943	0.39269	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5414993	0.3846	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5415043	0.37712	378.37	378.37	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5415093	0.36953	378	378	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5415143	0.36183	378	378	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420278	5415193	0.35424	378	378	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420228	5413493	0.81795	378.46	378.46	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420228	5413543	0.78736	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420228	5413593	0.7606	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420228	5413643	0.73199	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420228	5413693	0.70872	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420228	5413743	0.68714	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	420228	5413793	0.66709	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420228	5413843	0.64813	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5413893	0.62972	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5413943	0.61164	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5413993	0.59405	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5414043	0.57726	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5414093	0.56152	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5414143	0.54793	379.45	379.45	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5414193	0.53491	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5414243	0.5233	378	378	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5414293	0.5119	377	377	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5414343	0.50078	375.88	375.88	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5414393	0.48983	374.77	374.77	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5414443	0.4794	374	374	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5414493	0.46876	373	373	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5414543	0.45838	373	373	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5414593	0.44827	373.98	373.98	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5414643	0.43798	375.05	375.05	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5414693	0.42839	376.12	376.12	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5414743	0.41941	376.65	376.65	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5414793	0.41056	377.33	377.33	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5414843	0.4024	377.28	377.28	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5414893	0.3944	377.24	377.24	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5414943	0.38656	377.19	377.19	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5414993	0.37886	377.14	377.14	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5415043	0.37129	377.1	377.1	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5415093	0.36388	377	377	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5415143	0.35653	377	377	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420228	5415193	0.34928	377	377	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5413493	0.78697	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5413543	0.76015	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5413593	0.73169	379.95	379.95	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5413643	0.70798	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5413693	0.68594	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5413743	0.66546	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5413793	0.6464	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5413843	0.62835	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5413893	0.61083	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5413943	0.5936	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5413993	0.57679	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5414043	0.56071	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5414093	0.54559	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5414143	0.53331	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5414193	0.52002	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5414243	0.5089	378	378	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5414293	0.49798	377.03	377.03	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5414343	0.48732	376	376	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5414393	0.47686	375	375	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5414443	0.46721	374	374	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5414493	0.45699	373.39	373.39	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5414543	0.44719	373	373	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5414593	0.43776	373	373	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5414643	0.42858	374	374	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5414693	0.41946	374.36	374.36	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5414743	0.41091	375.04	375.04	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5414793	0.40267	375.58	375.58	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5414843	0.39468	376	376	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5414893	0.38706	376	376	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5414943	0.37958	376	376	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5414993	0.37223	376	376	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5415043	0.365	376	376	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5415093	0.35788	376	376	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420178	5415143	0.35087	376	376	0	MONTH	TMA	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420178	5415193	0.34387	376.26	376.26	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5413493	0.76042	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5413543	0.73177	379.98	379.98	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5413593	0.70808	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5413643	0.68581	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5413693	0.66493	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5413743	0.64548	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5413793	0.62734	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5413843	0.61014	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5413893	0.59342	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5413943	0.57696	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5413993	0.56086	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5414043	0.54541	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5414093	0.53085	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5414143	0.51724	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5414193	0.50556	379.38	379.38	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5414243	0.49514	378.22	378.22	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5414293	0.48487	377.06	377.06	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5414343	0.47467	376	376	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5414393	0.4648	374.78	374.78	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5414443	0.45549	374	374	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5414493	0.44579	373	373	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5414543	0.43634	373	373	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5414593	0.42734	373	373	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5414643	0.41876	373	373	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5414693	0.4104	373.9	373.9	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5414743	0.40247	374	374	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5414793	0.39437	374.41	374.41	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5414843	0.38673	375	375	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5414893	0.37949	375	375	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5414943	0.37238	375	375	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5414993	0.36538	375	375	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5415043	0.35839	375.32	375.32	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5415093	0.35137	376	376	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5415143	0.34457	376.35	376.35	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5415193	0.33731	377.92	377.92	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5415293	0.32393	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5415393	0.31133	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420128	5415493	0.30283	379	379	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420128	5415593	0.29461	379.06	379.06	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420128	5415693	0.28612	380	380	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420128	5415793	0.2784	380.11	380.11	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420128	5415893	0.27047	381	381	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420128	5415993	0.26261	382	382	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420128	5416093	0.25546	382	382	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420128	5416193	0.2486	381.49	381.49	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420228	5415293	0.33554	377	377	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420228	5415393	0.32542	378	378	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420228	5415493	0.31609	378	378	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420228	5415593	0.30645	379	379	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420228	5415693	0.29772	379	379	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420228	5415793	0.28872	380	380	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420228	5415893	0.28015	380.72	380.72	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420228	5415993	0.27107	382.39	382.39	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420228	5416093	0.26197	384	384	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420228	5416193	0.25336	385.02	385.02	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420328	5415293	0.35069	378	378	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420328	5415393	0.34002	378	378	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420328	5415493	0.32963	378	378	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420328	5415593	0.3195	378.19	378.19	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420328	5415693	0.30943	379	379	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420328	5415793	0.2996	380	380	0	MONTH	TMA	1ST	1/31/2000 24 hr



Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420328	5415893	0.29064	380	380	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420328	5415993	0.28021	382.46	382.46	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420328	5416093	0.26889	385.51	385.51	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420328	5416193	0.25769	388.05	388.05	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420428	5415293	0.36637	379	379	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420428	5415393	0.35445	379	379	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420428	5415493	0.34296	379	379	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420428	5415593	0.33196	379	379	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420428	5415693	0.32143	379	379	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420428	5415793	0.3107	380	380	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420428	5415893	0.29947	382	382	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420428	5415993	0.28765	384.52	384.52	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420428	5416093	0.27578	386.87	386.87	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420428	5416193	0.2626	390.02	390.02	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420528	5415293	0.38159	379.82	379.82	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420528	5415393	0.36908	379	379	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420528	5415493	0.35623	379.31	379.31	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420528	5415593	0.34374	380	380	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420528	5415693	0.3323	380	380	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420528	5415793	0.32122	380	380	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420528	5415893	0.30959	381.26	381.26	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420528	5415993	0.2962	384.58	384.58	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420528	5416093	0.28214	387.92	387.92	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420528	5416193	0.26583	392.21	392.21	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420628	5415293	0.39622	380.05	380.05	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420628	5415393	0.38188	380	380	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420628	5415493	0.36824	380	380	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420628	5415593	0.35526	380	380	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420628	5415693	0.34155	381.47	381.47	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420628	5415793	0.32948	381.58	381.58	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420628	5415893	0.31738	382.16	382.16	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420628	5415993	0.30372	384.64	384.64	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420628	5416093	0.29028	387	387	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420628	5416193	0.27594	390.06	390.06	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5415293	0.40646	383	383	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5415393	0.39252	382.1	382.1	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5415493	0.37879	381.41	381.41	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5415593	0.36458	381.61	381.61	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5415693	0.34979	382.81	382.81	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5415793	0.33546	384.01	384.01	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5415893	0.32318	384.04	384.04	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5415993	0.31034	384.98	384.98	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5416093	0.2967	387	387	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420728	5416193	0.28374	389	389	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5415293	0.4146	386	386	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5415393	0.40057	385.05	385.05	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5415493	0.38526	384.96	384.96	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5415593	0.37211	384	384	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5415693	0.3578	384	384	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5415793	0.34145	385.72	385.72	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5415893	0.32645	387	387	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5415993	0.31448	387	387	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5416093	0.3034	387	387	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420828	5416193	0.29175	388	388	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420928	5415293	0.42681	387	387	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420928	5415393	0.40658	388	388	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420928	5415493	0.39169	387.5	387.5	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420928	5415593	0.37726	387	387	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420928	5415693	0.36434	386	386	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420928	5415793	0.34928	386.37	386.37	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420928	5415893	0.33162	388.51	388.51	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420928	5415993	0.31613	390.03	390.03	0 MONTH	TMA	1ST		1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420928	5416093	0.30518	390	390	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420928	5416193	0.29121	391.85	391.85	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	421028	5415293	0.45226	385.67	385.67	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421028	5415393	0.4248	388	388	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421028	5415493	0.40315	389.01	389.01	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421028	5415593	0.38607	389	389	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421028	5415693	0.37268	388.06	388.06	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421028	5415793	0.35813	388	388	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421028	5415893	0.34267	389	389	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421028	5415993	0.32322	392	392	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421028	5416093	0.3016	395.7	395.7	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421028	5416193	0.28219	398.71	398.71	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421128	5415293	0.47286	385.73	385.73	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421128	5415393	0.43969	389.03	389.03	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421128	5415493	0.41674	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421128	5415593	0.39894	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421128	5415693	0.38273	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421128	5415793	0.36904	389.79	389.79	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421128	5415893	0.3555	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421128	5415993	0.33483	392.95	392.95	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421128	5416093	0.31283	396.3	396.3	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421128	5416193	0.2895	399.98	399.98	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421228	5415293	0.49602	384.79	384.79	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421228	5415393	0.46132	388.11	388.11	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421228	5415493	0.43306	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421228	5415593	0.41463	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421228	5415693	0.39832	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421228	5415793	0.38039	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421228	5415893	0.36146	392.69	392.69	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421228	5415993	0.34113	395.01	395.01	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421228	5416093	0.31818	398.13	398.13	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421228	5416193	0.30136	400	400	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5415293	0.52187	382.85	382.85	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5415393	0.48709	386	386	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5415493	0.45888	387.64	387.64	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5415593	0.43664	388.4	388.4	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5415693	0.41751	389	389	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5415793	0.40214	389	389	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5415893	0.38513	389.92	389.92	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5415993	0.36617	391.84	391.84	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5416093	0.33809	396.39	396.39	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421328	5416193	0.30984	400.72	400.72	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5415293	0.54553	381.53	381.53	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5415393	0.51408	383.23	383.23	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5415493	0.48385	385.42	385.42	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5415593	0.45914	386.74	386.74	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5415693	0.44012	387	387	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5415793	0.42056	388	388	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5415893	0.40553	388	388	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5415993	0.38898	389.03	389.03	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5416093	0.36391	393.04	398	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421428	5416193	0.32412	400.18	400.18	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5415293	0.56416	382	382	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5415393	0.53526	382.29	382.29	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5415493	0.5061	384	384	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5415593	0.48174	385	385	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5415693	0.45957	386	386	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5415793	0.4399	386.78	386.78	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5415893	0.42112	387.87	387.87	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5415993	0.40381	389	389	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5416093	0.38966	389.51	389.51	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421528	5416193	0.36506	393.54	394	0 MONTH	TMA	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421628	5415293	0.58281	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421628	5415393	0.55395	382.15	382.15	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421628	5415493	0.5267	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421628	5415593	0.50172	384	384	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421628	5415693	0.47921	384.9	384.9	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421628	5415793	0.4582	386	386	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421628	5415893	0.43928	387	387	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421628	5415993	0.41883	389	389	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421628	5416093	0.40061	390.57	390.57	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421628	5416193	0.38271	392.28	392.28	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5415293	0.59685	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5415393	0.56878	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5415493	0.54077	384	384	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5415593	0.51533	385	385	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5415693	0.4952	385	385	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5415793	0.47619	385.27	385.27	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5415893	0.45469	387	387	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5415993	0.43645	388	388	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5416093	0.41923	389	389	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5416193	0.40303	390	390	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5415293	0.60883	384	384	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5415393	0.57839	384.74	384.74	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5415493	0.54903	386	386	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5415593	0.52598	386.33	386.33	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5415693	0.50735	386	386	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5415793	0.48901	386	386	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5415893	0.46886	387	387	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5415993	0.44986	388	388	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5416093	0.43208	389	389	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421828	5416193	0.41563	390	390	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5415293	0.61919	385	385	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5415393	0.59163	385	385	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5415493	0.55468	387.85	387.85	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5415593	0.52442	389.73	389.73	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5415693	0.51167	388.41	388.41	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5415793	0.49964	386.75	386.75	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5415893	0.48135	387	387	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5415993	0.46206	388	388	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5416093	0.44426	389	389	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5416193	0.42782	390	390	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422028	5415293	0.62336	387	387	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422028	5415393	0.60132	386	386	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422028	5415493	0.5677	387.91	387.91	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422028	5415593	0.53533	390	390	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422028	5415693	0.51597	390	390	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422028	5415793	0.50515	388.35	388.35	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422028	5415893	0.48931	388	388	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422028	5415993	0.47343	388.03	388.03	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422028	5416093	0.45566	389	389	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422028	5416193	0.43876	390	390	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422128	5415293	0.62551	389	389	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422128	5415393	0.60501	388	388	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422128	5415493	0.5854	387	387	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422128	5415593	0.55242	389.01	389.01	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422128	5415693	0.52702	390	390	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422128	5415793	0.51348	389	389	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422128	5415893	0.49743	388.77	388.77	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422128	5415993	0.47852	389.55	389.55	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422128	5416093	0.46179	390	390	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422128	5416193	0.44325	391.08	391.08	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422228	5415293	0.63345	390	390	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422228	5415393	0.61287	389	389	0	MONTH	TMA	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422228	5415493	0.59306	388	388	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422228	5415593	0.5677	388.35	388.35	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422228	5415693	0.54352	389	389	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422228	5415793	0.52453	389	389	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422228	5415893	0.50657	389	389	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422228	5415993	0.48521	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422228	5416093	0.46454	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422228	5416193	0.44041	392.98	392.98	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5415293	0.64901	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5415393	0.62	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5415493	0.59947	389.15	389.15	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5415593	0.57647	389	389	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5415693	0.55448	389	389	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5415793	0.52942	389.89	389.89	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5415893	0.50921	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5415993	0.49006	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5416093	0.46748	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5416193	0.44032	393.31	393.31	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422428	5415293	0.67258	389.06	389.06	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422428	5415393	0.6349	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422428	5415493	0.60743	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422428	5415593	0.57534	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422428	5415693	0.55728	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422428	5415793	0.53152	390.49	390.49	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422428	5415893	0.50714	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422428	5415993	0.48646	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422428	5416093	0.46249	392	392	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422428	5416193	0.43536	394	394	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5415293	0.6815	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5415393	0.63867	391.3	391.3	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5415493	0.59523	393.05	393.05	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5415593	0.55958	394.16	394.16	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5415693	0.53522	394.07	394.07	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5415793	0.51209	393.98	393.98	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5415893	0.49548	393	393	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5415993	0.47908	392	392	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5416093	0.45867	392	392	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5416193	0.43353	393.43	393.43	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422628	5415293	0.6957	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422628	5415393	0.63375	392.95	392.95	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422628	5415493	0.57556	395.85	395.85	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422628	5415593	0.53131	397.7	397.7	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422628	5415693	0.50765	397.61	397.61	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422628	5415793	0.49275	396.52	396.52	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422628	5415893	0.479	395.2	395.2	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422628	5415993	0.46427	394	394	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422628	5416093	0.44878	393	393	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422628	5416193	0.42731	393.57	393.57	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422728	5415293	0.68581	391.69	391.69	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422728	5415393	0.62686	394.01	394.01	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422728	5415493	0.56185	397.33	397.33	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422728	5415593	0.5083	400	400	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422728	5415693	0.48461	400	400	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422728	5415793	0.47264	398.74	398.74	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422728	5415893	0.46331	397	397	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422728	5415993	0.45373	395.08	395.08	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422728	5416093	0.43897	394	394	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422728	5416193	0.42008	394	394	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422828	5415293	0.67175	392.75	392.75	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422828	5415393	0.61352	395	395	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422828	5415493	0.5623	397	397	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422828	5415593	0.51797	398.71	398.71	0 MONTH	TMA	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422828	5415693	0.49029	399	399	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422828	5415793	0.46711	399	399	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422828	5415893	0.45151	398.18	398.18	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422828	5415993	0.4385	397	397	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422828	5416093	0.42443	396	396	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422828	5416193	0.41077	395	395	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5415293	0.65458	393.5	393.5	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5415393	0.60379	395.13	395.13	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5415493	0.55562	397	397	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5415593	0.51245	398.77	398.77	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5415693	0.48632	399	399	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5415793	0.46345	399	399	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5415893	0.44192	399	399	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5415993	0.42837	398	398	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5416093	0.41494	397	397	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5416193	0.40177	396	396	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423028	5415293	0.63845	393.89	393.89	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423028	5415393	0.59432	395	395	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423028	5415493	0.55095	396.51	396.51	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423028	5415593	0.5133	397.84	397.84	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423028	5415693	0.48012	399	399	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423028	5415793	0.45484	399.46	399.46	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423028	5415893	0.43258	399.7	399.7	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423028	5415993	0.41794	399	399	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423028	5416093	0.40543	398	398	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423028	5416193	0.38786	398	398	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5415293	0.61259	394.93	394.93	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5415393	0.57098	396	396	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5415493	0.53138	397.3	397.3	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5415593	0.49718	398.44	398.44	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5415693	0.47108	399	399	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5415793	0.44338	400	400	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5415893	0.42487	400	400	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5415993	0.41352	399	399	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5416093	0.39577	399	399	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5416193	0.37902	399	399	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423228	5415293	0.59472	395	395	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423228	5415393	0.54585	397	397	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423228	5415493	0.50505	398.66	398.66	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423228	5415593	0.47113	400	400	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423228	5415693	0.45194	400	400	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423228	5415793	0.43413	400	400	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423228	5415893	0.42433	399	399	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423228	5415993	0.4075	399	399	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423228	5416093	0.39108	399	399	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423228	5416193	0.36964	400	400	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5415293	0.56495	396.05	396.05	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5415393	0.51948	398	398	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5415493	0.48751	399	399	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5415593	0.45858	400	400	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5415693	0.44045	400	400	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5415793	0.42359	400	400	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5415893	0.41468	399	399	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5415993	0.40534	398	398	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5416093	0.38996	398	398	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5416193	0.36966	399.01	399.01	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423428	5415293	0.5355	397	397	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423428	5415393	0.49817	398.43	398.43	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423428	5415493	0.472	399	399	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423428	5415593	0.44588	399.86	399.86	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423428	5415693	0.43535	399	399	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423428	5415793	0.42545	398.03	398.03	0	MONTH	TMA	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	423428	5415893	0.41574	397	397	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423428	5415993	0.40571	396	396	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423428	5416093	0.39273	395.59	395.59	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423428	5416193	0.37641	396	396	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423528	5415293	0.51492	397	397	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423528	5415393	0.48457	398	398	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423528	5415493	0.45606	399	399	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423528	5415593	0.43784	399	399	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423528	5415693	0.42608	398.3	398.3	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423528	5415793	0.4184	397	397	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423528	5415893	0.40884	395.93	395.93	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423528	5415993	0.40103	394.45	394.45	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423528	5416093	0.39152	393.24	393.24	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423528	5416193	0.37871	392.91	392.91	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423628	5415293	0.48538	399	399	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423628	5415393	0.46554	399	399	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423628	5415493	0.44548	399.23	399.23	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423628	5415593	0.42889	399.14	399.14	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423628	5415693	0.41589	398.54	398.54	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423628	5415793	0.40682	397.18	397.18	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423628	5415893	0.39628	395.87	395.87	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423628	5415993	0.39038	394	394	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423628	5416093	0.38318	392.23	392.23	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423628	5416193	0.37363	391	391	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	423728	5415293	0.47059	400	400	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423728	5415393	0.4526	400	400	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423728	5415493	0.43573	400	400	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423728	5415593	0.4199	400	400	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423728	5415693	0.41115	399	399	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423728	5415793	0.40143	398	398	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423728	5415893	0.39574	396	396	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423728	5415993	0.38724	394.18	394.18	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423728	5416093	0.37505	393	393	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423728	5416193	0.36197	391.86	391.86	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423828	5415293	0.46114	400	400	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423828	5415393	0.44505	400	400	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423828	5415493	0.42927	400	400	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423828	5415593	0.41434	400	400	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423828	5415693	0.40728	398.89	398.89	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423828	5415793	0.4032	397.07	397.07	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423828	5415893	0.39355	396	396	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423828	5415993	0.38515	394.43	394.43	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423828	5416093	0.37473	393.11	393.11	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423828	5416193	0.36296	392	392	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423928	5415293	0.44821	400	400	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423928	5415393	0.43459	400	400	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423928	5415493	0.42071	400	400	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423928	5415593	0.41382	399	399	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423928	5415693	0.40929	397.51	397.51	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423928	5415793	0.40363	396	396	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423928	5415893	0.39437	395	395	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423928	5415993	0.38441	394	394	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423928	5416093	0.37501	392.65	392.65	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	423928	5416193	0.36583	390.93	390.93	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424028	5415293	0.43386	400	400	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424028	5415393	0.42264	400	400	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424028	5415493	0.41092	400	400	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424028	5415593	0.3991	400	400	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424028	5415693	0.39671	398.46	398.46	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424028	5415793	0.39866	395.78	395.78	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424028	5415893	0.39776	393	393	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424028	5415993	0.38464	393	393	0 MONTH	TMA	1ST		2/29/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	424028	5416093	0.37754	391.09	391.09	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424028	5416193	0.36788	389.68	389.68	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424128	5415293	0.41906	400	400	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424128	5415393	0.40996	400	400	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424128	5415493	0.39358	401	401	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424128	5415593	0.38386	401	401	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424128	5415693	0.38476	399.21	399.21	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424128	5415793	0.40034	393.89	393.89	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424128	5415893	0.40209	390	390	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424128	5415993	0.38962	390	390	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424128	5416093	0.37469	390.97	390.97	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424128	5416193	0.36772	388.86	388.86	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	423228	5415193	0.6417	393.68	393.68	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423228	5415093	0.69788	392	392	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5415193	0.61616	394	394	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5415093	0.67149	391.99	391.99	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423428	5415193	0.58194	395	395	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423428	5415093	0.62148	394	394	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423528	5415193	0.54701	396	396	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423528	5415093	0.58148	395	395	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423628	5415193	0.51702	397.96	397.96	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	423628	5415093	0.56024	396	396	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	423728	5415193	0.49897	398.97	398.97	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	423728	5415093	0.5375	397	397	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	423828	5415193	0.49152	398.4	398.4	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	423828	5415093	0.52087	397	397	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	423928	5415193	0.47004	399	399	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	423928	5415093	0.49486	397.77	397.77	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424028	5415193	0.44469	400	400	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424028	5415093	0.4654	398.97	398.97	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424028	5414993	0.49342	397.46	397.46	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424028	5414893	0.52538	396	396	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424028	5414793	0.53893	397.12	397.12	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424028	5414693	0.54118	399.44	399.44	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424128	5415193	0.42844	400	400	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424128	5415093	0.44737	399	399	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424128	5414993	0.46918	398	398	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424128	5414893	0.4948	397.14	397.14	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424128	5414793	0.5108	398	398	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424128	5414693	0.5211	399.38	399.38	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	420028	5413493	0.71318	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420028	5413593	0.66935	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420028	5413693	0.62991	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420028	5413793	0.59531	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420028	5413893	0.56385	379.08	379.08	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420028	5413993	0.53394	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420028	5414093	0.50595	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420028	5414193	0.4826	377.89	377.89	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420028	5414293	0.46214	376	376	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420028	5414393	0.44349	373.92	373.92	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420028	5414493	0.42497	372.25	372.25	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420028	5414593	0.40783	373	373	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420028	5414693	0.39131	375.1	375.1	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420028	5414793	0.37701	375.76	375.76	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420028	5414893	0.36386	375.64	375.64	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420028	5414993	0.34981	378.09	378.09	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420028	5415093	0.33584	380.44	380.44	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420028	5415193	0.32418	380.23	380.23	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420028	5415293	0.31278	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420028	5415393	0.30137	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	420028	5415493	0.29046	379.87	379.87	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420028	5415593	0.28297	380	380	0	MONTH	TMA	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420028	5415693	0.27514	381	381	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420028	5415793	0.26752	382	382	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420028	5415893	0.26083	382	382	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420028	5415993	0.2543	382	382	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420028	5416093	0.24837	381	381	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420028	5416193	0.24225	380.09	380.09	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419928	5413493	0.67295	377.92	377.92	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419928	5413593	0.63487	377.82	377.82	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419928	5413693	0.59962	377.73	377.73	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419928	5413793	0.56788	377.63	377.63	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419928	5413893	0.53941	377	377	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419928	5413993	0.51125	377	377	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419928	5414093	0.48585	376	376	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419928	5414193	0.46295	375	375	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419928	5414293	0.44305	373.32	373.32	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419928	5414393	0.42387	372.06	372.06	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419928	5414493	0.40627	372	372	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419928	5414593	0.38932	374.56	374.56	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419928	5414693	0.37234	379.09	379.09	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419928	5414793	0.35903	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419928	5414893	0.34719	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419928	5414993	0.33569	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419928	5415093	0.3243	380.27	380.27	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419928	5415193	0.31359	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419928	5415293	0.30339	379.23	379.23	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419928	5415393	0.29296	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419928	5415493	0.28245	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419928	5415593	0.27239	380	380	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419928	5415693	0.26459	382	382	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419928	5415793	0.25678	384	384	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419928	5415893	0.25049	384.34	384.34	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419928	5415993	0.24541	383.34	383.34	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419928	5416093	0.24071	381.47	381.47	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419928	5416193	0.23546	380	380	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419828	5413493	0.63544	376	376	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419828	5413593	0.60237	376	376	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419828	5413693	0.57227	375.18	375.18	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419828	5413793	0.5437	375.07	375.07	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419828	5413893	0.51678	375	375	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419828	5413993	0.49175	374	374	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419828	5414093	0.46729	373	373	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419828	5414193	0.44477	372.71	372.71	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419828	5414293	0.42453	372	372	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419828	5414393	0.40619	371.52	371.52	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419828	5414493	0.38946	372	372	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419828	5414593	0.3733	374.71	374.71	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419828	5414693	0.35868	377.27	377.27	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419828	5414793	0.34514	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419828	5414893	0.33482	379.38	379.38	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419828	5414993	0.3246	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419828	5415093	0.31438	378.96	378.96	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419828	5415193	0.30444	378.77	378.77	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419828	5415293	0.29451	378.93	378.93	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419828	5415393	0.28475	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419828	5415493	0.2747	379.79	379.79	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419828	5415593	0.2649	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419828	5415693	0.25403	383.2	383.2	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419828	5415793	0.24555	386.41	386.41	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419828	5415893	0.23866	387.89	387.89	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419828	5415993	0.2345	387	387	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419828	5416093	0.23209	383.65	390	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419828	5416193	0.22899	379.04	392	0 MONTH	TMA	1ST		1/31/2000 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419728	5413493	0.59617	377.15	377.15	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5413593	0.56936	375.65	375.65	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5413693	0.54441	374	374	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5413793	0.51917	373	373	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5413893	0.49486	372.77	372.77	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5413993	0.47126	372	372	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5414093	0.44852	371.25	371.25	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5414193	0.42733	371	371	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5414293	0.40802	371	371	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5414393	0.39039	372	372	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5414493	0.37444	372.11	372.11	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5414593	0.36001	373	373	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5414693	0.34613	374.99	374.99	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5414793	0.33447	376	376	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5414893	0.32406	376.51	376.51	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5414993	0.3142	377	377	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5415093	0.30474	377.23	377.23	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5415193	0.29485	378.9	378.9	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5415293	0.28535	379.98	379.98	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5415393	0.27651	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5415493	0.26718	381.06	381.06	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5415593	0.25661	383.84	383.84	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5415693	0.24566	386.38	386.38	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5415793	0.23364	389.45	389.45	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419728	5415893	0.22777	390	390	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	419728	5415993	0.22206	391	391	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	419728	5416093	0.21654	392	392	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	419728	5416193	0.21365	391	391	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	419628	5413093	0.64918	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5413193	0.62932	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5413293	0.60686	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5413393	0.58221	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5413493	0.55906	378.97	378.97	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5413593	0.53705	377	377	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5413693	0.51525	375	375	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5413793	0.49434	372.96	372.96	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5413893	0.47291	371	371	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5413993	0.45161	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5414093	0.4307	371	371	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5414193	0.41102	371.12	371.12	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5414293	0.39282	372	372	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5414393	0.37621	372.03	372.03	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5414493	0.35974	375.26	375.26	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5414593	0.34445	377.75	377.75	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5414693	0.33343	375.85	375.85	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5414793	0.32264	375.94	375.94	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5414893	0.31289	376.04	376.04	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5414993	0.3034	377.11	377.11	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5415093	0.29386	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5415193	0.28466	380.49	380.49	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5415293	0.27556	382	382	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5415393	0.26652	383.57	383.57	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5415493	0.25738	385.26	385.26	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5415593	0.24808	386.93	386.93	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5415693	0.23906	388.07	388.07	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5415793	0.23008	389	389	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5415893	0.22229	388.71	388.71	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419628	5415993	0.21536	390	390	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	419628	5416093	0.21032	391	391	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	419628	5416193	0.20663	391	391	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	419528	5413093	0.60103	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	419528	5413193	0.58413	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419528	5413293	0.56523	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5413393	0.54519	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5413493	0.52497	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5413593	0.5069	378.23	378.23	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5413693	0.4896	374.7	374.7	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5413793	0.47121	371.02	371.02	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5413893	0.45191	370	370	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5413993	0.43262	370.62	370.62	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5414093	0.4136	371	371	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5414193	0.3954	372	372	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5414293	0.37836	373.58	373.58	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5414393	0.36275	374	374	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5414493	0.34668	377.2	377.2	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5414593	0.33165	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5414693	0.32043	379.49	379.49	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5414793	0.31091	378.41	378.41	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5414893	0.3019	378	378	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5414993	0.2928	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5415093	0.28407	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5415193	0.2753	381.42	381.42	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5415293	0.26597	383.74	383.74	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5415393	0.25666	386	386	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5415493	0.24886	386.85	386.85	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5415593	0.24201	386.76	386.76	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5415693	0.23581	385.66	385.66	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5415793	0.22919	384.57	384.57	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5415893	0.22108	385.47	385.47	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5415993	0.21165	387.98	387.98	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419528	5416093	0.20496	389.08	389.08	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419528	5416193	0.20133	389.19	389.19	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419428	5413093	0.56136	378	378	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5413193	0.54493	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5413293	0.52843	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5413393	0.51018	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5413493	0.49364	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5413593	0.47855	378.71	378.71	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5413693	0.46492	374.4	374.4	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5413793	0.44899	370.08	370.08	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5413893	0.43199	370	370	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5413993	0.41464	371	371	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5414093	0.39723	372	372	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5414193	0.38036	373.19	373.19	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5414293	0.36398	374.78	374.78	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5414393	0.34941	375	375	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5414493	0.33514	377	377	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5414593	0.32174	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5414693	0.3103	379.79	379.79	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5414793	0.30115	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5414893	0.29235	379.13	379.13	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5414993	0.28374	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5415093	0.27537	381.01	381.01	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5415193	0.26636	383.15	383.15	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5415293	0.25753	385	385	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5415393	0.25053	385	385	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5415493	0.24474	383.78	383.78	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5415593	0.23859	383	383	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5415693	0.23238	382.01	382.01	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5415793	0.22592	381	381	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5415893	0.21869	381.54	381.54	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5415993	0.21014	384.75	384.75	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5416093	0.20173	387	387	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419428	5416193	0.19502	388.7	388.7	0 MONTH	TMA	1ST		1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419328	5413093	0.52394	377	377	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5413193	0.5083	378.95	378.95	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5413293	0.49223	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5413393	0.47633	381	381	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5413493	0.46385	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5413593	0.45344	376.33	376.33	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5413693	0.44124	372.21	372.21	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5413793	0.42733	370	370	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5413893	0.4128	370	370	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5413993	0.39754	371	371	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5414093	0.38172	372.81	372.81	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5414193	0.36613	374	374	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5414293	0.35074	375.05	375.05	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5414393	0.33672	376	376	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5414493	0.32412	376	376	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5414593	0.31168	378	378	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5414693	0.30094	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5414793	0.29143	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5414893	0.28328	380.23	380.23	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5414993	0.27503	381.51	381.51	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5415093	0.26683	383	383	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5415193	0.25904	384	384	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5415293	0.2521	383.97	383.97	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5415393	0.24653	382.06	382.06	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5415493	0.24043	381	381	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5415593	0.23435	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5415693	0.22799	379.62	379.62	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5415793	0.22144	379.62	379.62	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5415893	0.21391	382.14	382.14	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5415993	0.20496	386.55	386.55	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5416093	0.19672	389	389	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5416193	0.18951	390	390	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5413093	0.48913	377.57	377.57	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5413193	0.47533	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5413293	0.46098	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5413393	0.44827	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5413493	0.43879	377.16	377.16	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5413593	0.42911	372.84	372.84	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5413693	0.41768	369.96	369.96	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5413793	0.40606	369	369	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5413893	0.39395	369	369	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5413993	0.3809	370.64	370.64	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5414093	0.36685	373.35	373.35	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5414193	0.35206	375.59	375.59	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5414293	0.33798	376.25	376.25	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5414393	0.32467	377	377	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5414493	0.31224	377.84	377.84	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5414593	0.30071	378.96	378.96	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5414693	0.2905	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5414793	0.28164	380.97	380.97	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5414893	0.2737	382	382	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5414993	0.26648	382.73	382.73	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5415093	0.25981	383	383	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5415193	0.25347	382.88	382.88	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5415293	0.24771	381.67	381.67	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5415393	0.24158	381	381	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5415493	0.23561	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5415593	0.22931	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5415693	0.22341	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5415793	0.21683	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5415893	0.20942	382.83	382.83	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5415993	0.20023	387.77	387.77	0 MONTH	TMA	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419228	5416093	0.19316	389.06	389.06	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419228	5416193	0.18637	390	390	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5413093	0.45891	377	377	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5413193	0.44683	377.7	377.7	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5413293	0.43491	377.75	377.75	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5413393	0.42436	376.54	376.54	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5413493	0.4151	373.22	373.22	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5413593	0.40496	369.9	369.9	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5413693	0.39501	369	369	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5413793	0.38524	368.28	368.28	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5413893	0.37525	370.05	370.05	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5413993	0.36414	374.28	374.28	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5414093	0.35132	377.69	377.69	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5414193	0.33792	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5414293	0.32534	378.74	378.74	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5414393	0.3135	378	378	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5414493	0.30141	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5414593	0.29024	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5414693	0.28077	380.34	380.34	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5414793	0.2725	381	381	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5414893	0.26559	381.23	381.23	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5414993	0.25953	381	381	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5415093	0.25364	381	381	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5415193	0.24785	381	381	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5415293	0.24229	380.44	380.44	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5415393	0.23659	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5415493	0.23067	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5415593	0.22476	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5415693	0.21941	378	378	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5415793	0.21335	378.43	378.43	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5415893	0.20643	381.39	381.39	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5415993	0.19938	383.76	383.76	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5416093	0.19275	384.98	384.98	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5416193	0.18724	384	384	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5416393	0.17684	381.62	391	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419128	5416593	0.17211	376.62	376.62	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419128	5416793	0.16668	373.32	373.32	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419128	5416993	0.16068	370	370	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419128	5417193	0.15445	370	370	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419128	5417393	0.14835	372	372	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419128	5417593	0.14282	373	373	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419128	5417793	0.13794	371	371	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419128	5417993	0.13323	366.05	366.05	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419128	5418193	0.12847	370	370	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419128	5418393	0.12315	369.68	369.68	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419128	5418593	0.11698	362.04	362.04	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419128	5418793	0.11067	363	363	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419128	5418993	0.10508	363	363	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	419128	5419193	0.10196	362	362	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	419328	5416393	0.18189	389.8	389.8	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419328	5416593	0.18122	379	379	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419328	5416793	0.17511	375	375	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419328	5416993	0.16826	372	372	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419328	5417193	0.16123	373.69	373.69	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419328	5417393	0.15441	375.97	375.97	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419328	5417593	0.14892	375	375	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419328	5417793	0.14362	370.19	370.19	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419328	5417993	0.13796	367.5	367.5	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419328	5418193	0.13183	370	370	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419328	5418393	0.12507	368.56	368.56	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419328	5418593	0.11775	364.82	364.82	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419328	5418793	0.11242	365	365	0 MONTH	TMA	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419328	5418993	0.1089	365	365	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	419328	5419193	0.10534	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	419528	5416393	0.19625	387	387	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419528	5416593	0.19124	382.03	382.03	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419528	5416793	0.18352	380	380	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419528	5416993	0.17601	374.51	374.51	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419528	5417193	0.16758	379.24	379.24	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419528	5417393	0.16084	380	380	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419528	5417593	0.15507	378	378	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419528	5417793	0.1484	373.78	373.78	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419528	5417993	0.1414	369.84	369.84	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419528	5418193	0.13366	370	370	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419528	5418393	0.12554	370	370	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419528	5418593	0.12085	366.98	366.98	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	419528	5418793	0.11684	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	419528	5418993	0.11289	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	419528	5419193	0.10904	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	419728	5416393	0.21213	379.91	390	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419728	5416593	0.20209	380	380	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419728	5416793	0.19201	380	380	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419728	5416993	0.18269	380	380	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419728	5417193	0.17536	376.34	376.34	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419728	5417393	0.16753	380	380	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419728	5417593	0.16036	379	379	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419728	5417793	0.15243	376	376	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419728	5417993	0.14358	376.16	376.16	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419728	5418193	0.13529	371.96	371.96	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	419728	5418393	0.13066	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	419728	5418593	0.12606	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	419728	5418793	0.12154	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	419728	5418993	0.11719	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	419728	5419193	0.11309	369.35	369.35	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	419928	5416393	0.22379	379	379	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419928	5416593	0.21184	379	379	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419928	5416793	0.20038	380	380	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419928	5416993	0.19077	380	380	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419928	5417193	0.18249	379.01	379.01	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419928	5417393	0.17318	382.65	382.65	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419928	5417593	0.16401	383	383	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419928	5417793	0.15439	381	381	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	419928	5417993	0.1469	380	380	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	419928	5418193	0.14193	375.81	375.81	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	419928	5418393	0.13656	371	371	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	419928	5418593	0.1313	372	372	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	419928	5418793	0.12631	371.94	371.94	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	419928	5418993	0.12161	374	374	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	419928	5419193	0.1193	371.55	371.55	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	420128	5416393	0.23552	379	391	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420128	5416593	0.22168	380.31	380.31	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420128	5416793	0.20993	380.79	380.79	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420128	5416993	0.19955	381.72	381.72	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420128	5417193	0.18883	384.07	384.07	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420128	5417393	0.17692	387.27	387.27	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420128	5417593	0.16416	390	390	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	420128	5417793	0.15749	390	390	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	420128	5417993	0.15173	389.32	389.32	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	420128	5418193	0.14822	376.69	376.69	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	420128	5418393	0.14203	376	376	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	420128	5418593	0.13607	378.22	378.22	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	420128	5418793	0.13255	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	420128	5418993	0.1304	375	375	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	420128	5419193	0.12833	370.18	370.18	0 MONTH	TMA	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420328	5416393	0.23329	394.11	394.11	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420328	5416593	0.22787	388.83	402	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420328	5416793	0.21545	390	390	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420328	5416993	0.20693	387	387	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420328	5417193	0.19255	390.17	390.17	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420328	5417393	0.17858	391.55	391.55	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420328	5417593	0.16428	398.53	398.53	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	420328	5417793	0.16468	389.83	395	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	420328	5417993	0.15993	382.29	382.29	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	420328	5418193	0.15399	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420328	5418393	0.14945	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420328	5418593	0.14557	381.41	389	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420328	5418793	0.14315	378.66	378.66	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420328	5418993	0.14078	374.03	374.03	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420328	5419193	0.13787	370	370	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420528	5416393	0.23284	400	400	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420528	5416593	0.22495	398.52	398.52	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420528	5416793	0.22121	394.09	394.09	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420528	5416993	0.21247	390	390	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420528	5417193	0.18722	398.39	398.39	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420528	5417393	0.17715	399	399	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	420528	5417593	0.17463	394	394	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	420528	5417793	0.17273	388.71	388.71	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420528	5417993	0.16936	384.08	384.08	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420528	5418193	0.16487	382.79	382.79	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420528	5418393	0.15956	386	386	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420528	5418593	0.15487	389	389	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420528	5418793	0.154	382.54	382.54	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420528	5418993	0.15112	377.9	377.9	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420528	5419193	0.14704	370	370	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420728	5416393	0.24314	399.94	399.94	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420728	5416593	0.20374	408.61	408.61	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420728	5416793	0.20588	403.72	407	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	420728	5416993	0.20066	400	400	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420728	5417193	0.19325	400	400	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420728	5417393	0.18631	400	400	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420728	5417593	0.1865	395.45	395.45	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420728	5417793	0.18512	390.59	390.59	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420728	5417993	0.18261	386.08	386.08	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420728	5418193	0.17736	386.97	386.97	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420728	5418393	0.17201	389	389	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420728	5418593	0.16756	389.52	389.52	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420728	5418793	0.16394	387.61	387.61	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420728	5418993	0.16076	379.78	379.78	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420728	5419193	0.15524	370	370	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420928	5416393	0.27043	393.03	393.03	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420928	5416593	0.2209	405.33	411	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420928	5416793	0.19464	410.89	410.89	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	420928	5416993	0.21897	400	400	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420928	5417193	0.21441	398	398	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420928	5417393	0.204	399	399	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420928	5417593	0.19344	400.9	400.9	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420928	5417793	0.19059	399.46	399.46	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420928	5417993	0.19758	389.18	389.18	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420928	5418193	0.19262	388.2	388.2	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420928	5418393	0.18683	388	388	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420928	5418593	0.18053	388	388	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420928	5418793	0.17579	382.29	382.29	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420928	5418993	0.16942	377	377	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420928	5419193	0.16237	375.98	375.98	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5416393	0.27548	399.78	399.78	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5416593	0.26515	399	399	0	MONTH	TMA	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421128	5416793	0.25025	400	400	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5416993	0.24701	396.98	396.98	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5417193	0.24055	394.98	394.98	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5417393	0.22787	397	397	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5417593	0.21617	399.35	399.35	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5417793	0.21557	395.88	395.88	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5417993	0.21433	390.72	390.72	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5418193	0.20836	387.91	387.91	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5418393	0.20162	384	384	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5418593	0.19246	385	385	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5418793	0.18424	383.17	383.17	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5418993	0.17617	379.7	379.7	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5419193	0.16763	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421328	5416393	0.29794	400	400	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421328	5416593	0.28404	400	400	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421328	5416793	0.28051	397	397	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421328	5416993	0.2756	394	394	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421328	5417193	0.26989	391.11	391.11	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421328	5417393	0.25851	392	392	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421328	5417593	0.24971	391.25	391.25	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421328	5417793	0.24139	389.44	389.44	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421328	5417993	0.23319	385.84	385.84	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421328	5418193	0.22355	381.99	381.99	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421328	5418393	0.21289	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421328	5418593	0.20197	379.18	379.18	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421328	5418793	0.19121	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421328	5418993	0.1813	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421328	5419193	0.17179	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421528	5416393	0.3199	400	400	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421528	5416593	0.30477	400	400	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421528	5416793	0.30143	397.27	397.27	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421528	5416993	0.2981	394	394	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421528	5417193	0.29307	390	390	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421528	5417393	0.28235	388	388	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421528	5417593	0.2703	386.15	386.15	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421528	5417793	0.25718	385	385	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421528	5417993	0.24448	382.74	382.74	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421528	5418193	0.23177	379.83	379.83	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421528	5418393	0.21906	376.17	376.17	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421528	5418593	0.20691	376	376	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421528	5418793	0.19546	378.02	378.02	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421528	5418993	0.18487	378	378	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421528	5419193	0.17485	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5416393	0.36533	394.58	394.58	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5416593	0.33516	398	398	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5416793	0.31721	398.9	398.9	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5416993	0.29922	400	400	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5417193	0.29815	395.23	395.23	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5417393	0.29353	388.37	410	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5417593	0.27903	386	386	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5417793	0.26441	382.99	382.99	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5417993	0.24965	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5418193	0.23528	377	377	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5418393	0.22127	379.94	379.94	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5418593	0.20908	377.01	377.01	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5418793	0.19739	373	373	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5418993	0.18697	376.17	376.17	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421728	5419193	0.17716	377.53	377.53	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5416393	0.39574	392.6	392.6	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5416593	0.36616	395	395	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5416793	0.33893	397	397	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421928	5416993	0.31282	399	399	0	MONTH	TMA	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421928	5417193	0.2567	409.1	409.1	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421928	5417393	0.23961	410	410	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421928	5417593	0.27233	393	411	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421928	5417793	0.26464	384	384	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421928	5417993	0.24974	380.75	380.75	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421928	5418193	0.23531	378.7	378.7	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421928	5418393	0.22123	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421928	5418593	0.20862	382	382	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421928	5418793	0.19818	373.64	373.64	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421928	5418993	0.18792	371.04	371.04	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	421928	5419193	0.17846	370.75	370.75	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5416393	0.40445	394	394	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5416593	0.37446	395.06	395.06	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5416793	0.34666	396	396	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5416993	0.31395	399	399	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5417193	0.26113	407.86	407.86	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5417393	0.25289	406.01	406.01	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5417593	0.26235	397.06	399	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5417793	0.26325	383	383	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5417993	0.24792	381.1	381.1	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5418193	0.2336	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5418393	0.22033	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5418593	0.20831	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5418793	0.19777	378	378	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5418993	0.1881	375	375	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422128	5419193	0.17902	372	372	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5416393	0.38789	397.94	397.94	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5416593	0.35158	400	400	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5416793	0.33551	398	398	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5416993	0.30652	399.85	399.85	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5417193	0.28639	400	400	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5417393	0.25311	404.9	410	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5417593	0.27007	390.69	410	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5417793	0.25978	383.61	383.61	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5417993	0.24537	381	381	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5418193	0.23155	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5418393	0.21878	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5418593	0.20724	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5418793	0.1969	379.44	379.44	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5418993	0.18784	375.81	375.81	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422328	5419193	0.17922	371.17	371.17	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5416393	0.37969	398.06	398.06	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5416593	0.32853	403.25	403.25	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5416793	0.31681	401.07	401.07	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5416993	0.28929	403	403	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5417193	0.28493	398.82	398.82	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5417393	0.27981	393.16	393.16	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5417593	0.2695	388	388	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5417793	0.25125	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5417993	0.24349	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5418193	0.22991	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5418393	0.21761	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5418593	0.20643	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5418793	0.19687	376.32	376.32	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5418993	0.18773	373.94	373.94	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422528	5419193	0.17918	370.17	370.17	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422728	5416393	0.36854	398.18	411	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422728	5416593	0.29272	408.5	408.5	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422728	5416793	0.29915	403.45	403.45	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422728	5416993	0.25799	409	409	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422728	5417193	0.2403	410	410	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	422728	5417393	0.25663	401.29	407	0 MONTH	TMA	1ST		2/28/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422728	5417593	0.26546	389.01	389.01	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422728	5417793	0.25491	383	383	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422728	5417993	0.24213	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422728	5418193	0.22865	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422728	5418393	0.21665	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422728	5418593	0.20605	378.4	378.4	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422728	5418793	0.19637	376	376	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422728	5418993	0.18744	372	372	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422728	5419193	0.1789	371	371	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5416393	0.36903	396	396	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5416593	0.33449	397.97	397.97	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5416793	0.30711	399.57	399.57	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5416993	0.2439	411	411	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5417193	0.23518	410.25	410.25	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5417393	0.25373	401.05	401.05	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5417593	0.26261	388.47	388.47	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5417793	0.25161	384	384	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5417993	0.24013	378.62	378.62	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5418193	0.2276	378	378	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5418393	0.21549	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5418593	0.20503	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5418793	0.19526	378.45	378.45	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5418993	0.18633	377.26	377.26	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422928	5419193	0.17804	376.08	376.08	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5416393	0.34406	400	400	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5416593	0.31906	399.94	399.94	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5416793	0.29654	400.25	400.25	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5416993	0.24182	409.88	409.88	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5417193	0.24822	405.04	405.04	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5417393	0.26209	394.92	394.92	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5417593	0.25658	389.14	389.14	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5417793	0.24898	380.07	380.07	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5417993	0.23653	378.23	378.23	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5418193	0.22501	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5418393	0.21366	377.79	377.79	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5418593	0.20321	379.27	379.27	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5418793	0.19358	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5418993	0.18474	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5419193	0.1765	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5416393	0.34139	399	399	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5416593	0.31561	399	399	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5416793	0.29001	399.91	399.91	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5416993	0.27015	400.28	400.28	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5417193	0.27537	390.84	390.84	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5417393	0.26452	387	387	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5417593	0.253	383.65	383.65	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5417793	0.24135	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5417993	0.22981	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5418193	0.21955	375.14	375.14	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5418393	0.20922	373	373	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5418593	0.19982	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5418793	0.19086	377	377	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5418993	0.18246	378	378	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423328	5419193	0.17474	376.58	376.58	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423528	5416393	0.34841	394.06	394.06	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423528	5416593	0.30972	398.27	398.27	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423528	5416793	0.30398	392.03	392.03	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423528	5416993	0.28681	389.28	389.28	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423528	5417193	0.27035	387	387	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423528	5417393	0.25477	386	386	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423528	5417593	0.2421	384.09	384.09	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423528	5417793	0.23093	382	382	0	MONTH	TMA	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	423528	5417993	0.22067	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423528	5418193	0.21126	376.63	376.63	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423528	5418393	0.20202	371.99	371.99	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423528	5418593	0.19336	371.05	371.05	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423528	5418793	0.18514	373.46	373.46	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423528	5418993	0.17779	375	375	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423528	5419193	0.17038	373.28	373.28	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423728	5416393	0.3477	386.22	386.22	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423728	5416593	0.322	388.07	388.07	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423728	5416793	0.30241	386.34	386.34	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423728	5416993	0.28233	385	385	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423728	5417193	0.26334	384	384	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423728	5417393	0.24714	382.05	382.05	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423728	5417593	0.23272	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423728	5417793	0.22033	380.25	380.25	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423728	5417993	0.20982	379.06	379.06	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423728	5418193	0.20088	376	376	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423728	5418393	0.19253	372	372	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423728	5418593	0.18465	370	370	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423728	5418793	0.17726	371.39	371.39	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423728	5418993	0.1704	372	372	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423728	5419193	0.16403	371	371	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423928	5416393	0.34513	387.1	387.1	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	423928	5416593	0.32305	379	379	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	423928	5416793	0.29315	381.26	381.26	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	423928	5416993	0.27285	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423928	5417193	0.25483	380.38	380.38	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423928	5417393	0.23805	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423928	5417593	0.22447	374.29	374.29	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423928	5417793	0.2119	371.1	371.1	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423928	5417993	0.20051	371	371	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423928	5418193	0.19064	371	371	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423928	5418393	0.18211	370	370	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423928	5418593	0.17457	369	369	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423928	5418793	0.16779	369.05	369.05	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423928	5418993	0.16158	370	370	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423928	5419193	0.15586	368.13	368.13	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	424128	5416393	0.35267	382	382	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424128	5416593	0.32924	378.35	378.35	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424128	5416793	0.30426	376	376	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424128	5416993	0.27966	375.34	375.34	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424128	5417193	0.25665	372.52	372.52	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424128	5417393	0.23564	372	372	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424128	5417593	0.21651	374	374	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424128	5417793	0.2014	375.97	375.97	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	424128	5417993	0.18946	377	377	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	424128	5418193	0.18002	374.7	374.7	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	424128	5418393	0.17213	370	370	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	424128	5418593	0.16458	370	370	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	424128	5418793	0.15799	370	370	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	424128	5418993	0.15212	370.91	370.91	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	424128	5419193	0.14685	371.07	371.07	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	424328	5416393	0.35005	379.87	379.87	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424328	5416593	0.32961	377.23	377.23	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424328	5416793	0.30823	374.6	374.6	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424328	5416993	0.28619	373	373	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424328	5417193	0.26551	375.86	375.86	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424328	5417393	0.24485	378	378	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424328	5417593	0.22545	379.95	379.95	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424328	5417793	0.20832	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424328	5417993	0.19285	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424328	5418193	0.17892	379.16	379.16	0	MONTH	TMA	1ST	2/29/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	424328	5418393	0.16633	374.52	374.52	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424328	5418593	0.15577	370.41	370.41	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	424328	5418793	0.14893	373	373	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	424328	5418993	0.14257	375	375	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	424328	5419193	0.13762	374.79	374.79	0 MONTH	TMA	1ST		2/28/1998 24 hr
TMA	424528	5416393	0.3401	378.75	378.75	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424528	5416593	0.32373	375	375	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424528	5416793	0.30555	374	374	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424528	5416993	0.28824	375.88	375.88	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424528	5417193	0.27001	378	378	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424528	5417393	0.25155	379	379	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424528	5417593	0.23334	380	380	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424528	5417793	0.21643	380	380	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424528	5417993	0.20118	379	379	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424528	5418193	0.18725	377.8	377.8	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424528	5418393	0.17444	374.41	374.41	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424528	5418593	0.16243	371.23	371.23	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424528	5418793	0.15152	376	376	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424528	5418993	0.14126	379	379	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424528	5419193	0.13196	378.99	378.99	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424728	5416393	0.32461	374.18	374.18	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424728	5416593	0.31204	375	375	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424728	5416793	0.29839	376	376	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424728	5416993	0.284	377	377	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424728	5417193	0.26928	377	377	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424728	5417393	0.25402	377.4	377.4	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424728	5417593	0.2383	378	378	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424728	5417793	0.22246	379	379	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424728	5417993	0.2072	380	380	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424728	5418193	0.19362	378.1	378.1	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424728	5418393	0.181	373	373	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424728	5418593	0.16912	373.35	373.35	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424728	5418793	0.1582	378.35	378.35	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424728	5418993	0.14796	380	380	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424728	5419193	0.13858	380	380	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424928	5416393	0.30388	377.58	377.58	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424928	5416593	0.29556	378	378	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424928	5416793	0.28641	377	377	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424928	5416993	0.27575	376	376	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424928	5417193	0.26406	376	376	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424928	5417393	0.25175	375.31	375.31	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424928	5417593	0.23887	376	376	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424928	5417793	0.22543	377	377	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424928	5417993	0.21167	378	378	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424928	5418193	0.19857	375.01	375.01	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424928	5418393	0.18608	372	372	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424928	5418593	0.17432	376.8	376.8	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424928	5418793	0.16331	380	380	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424928	5418993	0.15345	380	380	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424928	5419193	0.1443	379	379	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	425128	5416393	0.28219	379	379	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	425128	5416593	0.27701	378	378	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	425128	5416793	0.27146	376	376	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	425128	5416993	0.26431	375	375	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	425128	5417193	0.25573	374.87	374.87	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	425128	5417393	0.24568	374	374	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	425128	5417593	0.23528	374	374	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	425128	5417793	0.22479	374.56	374.56	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	425128	5417993	0.21328	374.82	374.82	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	425128	5418193	0.20114	373	373	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	425128	5418393	0.18952	373.86	373.86	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	425128	5418593	0.17816	377.58	377.58	0 MONTH	TMA	1ST		2/29/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	425128	5418793	0.16731	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425128	5418993	0.15766	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425128	5419193	0.14868	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425328	5416393	0.261	378	378	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425328	5416593	0.2576	376	376	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425328	5416793	0.25405	375	375	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425328	5416993	0.2499	375	375	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425328	5417193	0.24455	375	375	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425328	5417393	0.23778	375	375	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425328	5417593	0.2299	375	375	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425328	5417793	0.22074	374	374	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425328	5417993	0.21143	373	373	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425328	5418193	0.20155	373	373	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425328	5418393	0.19128	374	374	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425328	5418593	0.18118	376	376	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425328	5418793	0.1708	378.11	378.11	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425328	5418993	0.16098	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425328	5419193	0.15217	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425528	5416393	0.23983	376	376	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425528	5416593	0.23713	376	376	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425528	5416793	0.23481	377	377	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425528	5416993	0.23288	377.25	377.25	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425528	5417193	0.23039	378.47	378.47	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425528	5417393	0.22666	379	379	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425528	5417593	0.22151	377.29	377.29	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425528	5417793	0.2151	376	376	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425528	5417993	0.20785	375	375	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425528	5418193	0.19938	374	374	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425528	5418393	0.19093	373	373	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425528	5418593	0.18201	373.05	373.05	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425528	5418793	0.17314	375.11	375.11	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425528	5418993	0.1639	377.03	377.03	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425528	5419193	0.15498	379	379	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425728	5416393	0.21824	377	377	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425728	5416593	0.21622	378	378	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425728	5416793	0.21483	378.61	378.61	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425728	5416993	0.21411	379	379	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425728	5417193	0.21352	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425728	5417393	0.21262	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425728	5417593	0.21035	379.69	379.69	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425728	5417793	0.20641	379.45	379.45	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425728	5417993	0.20137	377.55	377.55	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425728	5418193	0.19538	375.34	375.34	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425728	5418393	0.18816	373	373	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425728	5418593	0.18091	372	372	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425728	5418793	0.17315	372.08	372.08	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425728	5418993	0.1651	373	373	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425728	5419193	0.15717	374.4	374.4	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425928	5416393	0.19715	379	379	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425928	5416593	0.19588	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425928	5416793	0.1952	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425928	5416993	0.19512	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425928	5417193	0.19568	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425928	5417393	0.19642	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425928	5417593	0.19669	379	379	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425928	5417793	0.19542	379.16	379.16	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425928	5417993	0.19267	377.29	377.29	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425928	5418193	0.18855	375	375	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425928	5418393	0.18318	373	373	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425928	5418593	0.17759	372	372	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425928	5418793	0.17139	371	371	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425928	5418993	0.16466	371	371	0	MONTH	TMA	1ST	2/29/2000 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	425928	5419193	0.15762	370	370	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426128	5416393	0.17813	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426128	5416593	0.17751	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426128	5416793	0.17706	380.2	380.2	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426128	5416993	0.17715	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426128	5417193	0.17793	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426128	5417393	0.17936	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426128	5417593	0.18094	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426128	5417793	0.1819	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426128	5417993	0.18166	376.57	376.57	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426128	5418193	0.17916	374	374	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426128	5418393	0.17619	373	373	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426128	5418593	0.17228	372	372	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426128	5418793	0.16759	372	372	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426128	5418993	0.16231	371	371	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426128	5419193	0.15652	370	370	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426328	5416393	0.1683	379.29	379.29	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	426328	5416593	0.16415	380	380	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	426328	5416793	0.16334	380	380	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	426328	5416993	0.16194	380	380	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	426328	5417193	0.1613	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426328	5417393	0.16266	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426328	5417593	0.16492	379	379	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426328	5417793	0.16717	377.97	377.97	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426328	5417993	0.16863	375	375	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426328	5418193	0.16836	374	374	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426328	5418393	0.16732	373	373	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426328	5418593	0.1651	374	374	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426328	5418793	0.16198	374	374	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426328	5418993	0.15811	373.99	373.99	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426328	5419193	0.15365	373	373	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426528	5416393	0.16075	380	380	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	426528	5416593	0.15362	380	380	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	426528	5416793	0.15209	380	380	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	426528	5416993	0.15175	379.12	379.12	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	426528	5417193	0.15079	378	378	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	426528	5417393	0.1493	377.22	377.22	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	426528	5417593	0.14981	377	377	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426528	5417793	0.15227	376	376	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426528	5417993	0.15462	376	376	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426528	5418193	0.15644	376	376	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426528	5418393	0.15733	377.61	377.61	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426528	5418593	0.15694	378	378	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426528	5418793	0.15537	377.99	377.99	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426528	5418993	0.15291	376	376	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426528	5419193	0.14929	373.05	373.05	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426728	5416393	0.15303	380	380	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	426728	5416593	0.14772	379	379	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	426728	5416793	0.1409	379	379	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	426728	5416993	0.14156	378	378	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	426728	5417193	0.14149	378	378	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	426728	5417393	0.1406	378	378	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	426728	5417593	0.13907	378.4	378.4	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	426728	5417793	0.13754	378.97	378.97	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426728	5417993	0.14033	378.02	378.02	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426728	5418193	0.14306	378.12	378.12	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426728	5418393	0.14522	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426728	5418593	0.1466	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426728	5418793	0.14679	378.92	378.92	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426728	5418993	0.14575	375.39	375.39	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426728	5419193	0.14352	373	373	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426928	5416393	0.14516	381	381	0	MONTH	TMA	1ST	12/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	426928	5416593	0.14172	380	380	0 MONTH	TMA	1ST		12/31/1999 24 hr
TMA	426928	5416793	0.13596	379.17	379.17	0 MONTH	TMA	1ST		12/31/1999 24 hr
TMA	426928	5416993	0.13039	380	380	0 MONTH	TMA	1ST		1/31/1996 24 hr
TMA	426928	5417193	0.13162	380	380	0 MONTH	TMA	1ST		1/31/1996 24 hr
TMA	426928	5417393	0.13186	380	380	0 MONTH	TMA	1ST		1/31/1996 24 hr
TMA	426928	5417593	0.13126	380	380	0 MONTH	TMA	1ST		1/31/1996 24 hr
TMA	426928	5417793	0.13	380	380	0 MONTH	TMA	1ST		1/31/1996 24 hr
TMA	426928	5417993	0.12824	379	379	0 MONTH	TMA	1ST		1/31/1996 24 hr
TMA	426928	5418193	0.12985	379	379	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	426928	5418393	0.13265	380	380	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	426928	5418593	0.13511	381	381	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	426928	5418793	0.13685	380	380	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	426928	5418993	0.13732	375.12	375.12	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	426928	5419193	0.13655	370.48	370.48	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	427128	5416393	0.13691	381.16	381.16	0 MONTH	TMA	1ST		12/31/1999 24 hr
TMA	427128	5416593	0.13564	380	380	0 MONTH	TMA	1ST		12/31/1999 24 hr
TMA	427128	5416793	0.13139	380	380	0 MONTH	TMA	1ST		12/31/1999 24 hr
TMA	427128	5416993	0.12544	380	380	0 MONTH	TMA	1ST		12/31/1999 24 hr
TMA	427128	5417193	0.12132	380	380	0 MONTH	TMA	1ST		1/31/1996 24 hr
TMA	427128	5417393	0.12284	380	380	0 MONTH	TMA	1ST		1/31/1996 24 hr
TMA	427128	5417593	0.12339	380	380	0 MONTH	TMA	1ST		1/31/1996 24 hr
TMA	427128	5417793	0.12318	379	379	0 MONTH	TMA	1ST		1/31/1996 24 hr
TMA	427128	5417993	0.12214	379	379	0 MONTH	TMA	1ST		1/31/1996 24 hr
TMA	427128	5418193	0.1204	380	380	0 MONTH	TMA	1ST		1/31/1996 24 hr
TMA	427128	5418393	0.12037	380.92	380.92	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	427128	5418593	0.12328	382	382	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	427128	5418793	0.12606	381	381	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	427128	5418993	0.12764	373.01	373.01	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	427128	5419193	0.12851	369	369	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424328	5416193	0.36823	383.5	383.5	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424328	5415993	0.3849	386.14	386.14	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424328	5415793	0.3961	389.77	389.77	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424328	5415593	0.40202	393.41	393.41	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424328	5415393	0.41686	393.82	393.82	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424328	5415193	0.43004	394.88	394.88	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424328	5414993	0.44253	397.14	397.14	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424328	5414793	0.45921	400	400	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424328	5408393	0.17967	350.25	350.25	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	424328	5408193	0.16804	353.95	353.95	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	424528	5416193	0.35417	382	382	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424528	5415993	0.36672	384.26	384.26	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424528	5415793	0.38043	385.08	385.08	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424528	5415593	0.3904	387.26	387.26	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424528	5415393	0.40382	388	388	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424528	5415193	0.41456	390.8	390.8	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424528	5414993	0.43328	394.07	394.07	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424528	5414793	0.47053	394.2	394.2	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424728	5416193	0.3355	377.27	377.27	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424728	5415993	0.345	380.25	380.25	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424728	5415793	0.35668	379.46	379.46	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424728	5415593	0.36745	381	381	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424728	5415393	0.38073	382.51	382.51	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424728	5415193	0.40052	385.2	385.2	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424728	5414993	0.43471	386.34	386.34	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424728	5414793	0.46777	387.03	387.03	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424928	5416193	0.31238	375.96	375.96	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424928	5415993	0.32099	375	375	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424928	5415793	0.32952	376.94	376.94	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424928	5415593	0.34001	378.04	378.04	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424928	5415393	0.3558	379	379	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424928	5415193	0.38385	379	379	0 MONTH	TMA	1ST		2/29/2000 24 hr
TMA	424928	5414993	0.41375	381.96	381.96	0 MONTH	TMA	1ST		2/29/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	424928	5414793	0.42898	387.99	387.99	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424928	5414593	0.44131	390.16	390.16	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	424928	5414393	0.50725	387.14	387.14	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	425128	5416193	0.28802	379	379	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425128	5415993	0.29448	379.01	379.01	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425128	5415793	0.30312	376.76	376.76	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425128	5415593	0.31431	376	376	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425128	5415393	0.33251	377	377	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425128	5415193	0.35844	379	379	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425128	5414993	0.38258	381.84	381.84	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425128	5414793	0.3975	385.44	385.44	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425128	5414593	0.423	386.97	386.97	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	425128	5414393	0.4835	383	383	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	425328	5416193	0.26505	379	379	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425328	5415993	0.2701	379	379	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425328	5415793	0.27744	377	377	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425328	5415593	0.28903	377	377	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425328	5415393	0.3091	377	377	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425328	5415193	0.33221	377	377	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425328	5414993	0.35186	378	378	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425328	5414793	0.36495	381.36	381.36	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	425328	5414593	0.40786	382	382	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	425328	5414393	0.45221	381	381	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	425528	5416193	0.24283	377	377	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425528	5415993	0.24669	377	377	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425528	5415793	0.25326	377	377	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425528	5415593	0.26675	377	377	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425528	5415393	0.28565	378	378	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425528	5415193	0.30409	378	378	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425528	5414993	0.31804	378	378	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425528	5414793	0.34714	379	379	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	425528	5414593	0.38363	379	379	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	425528	5414393	0.41701	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	425728	5416193	0.22065	376	376	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425728	5415993	0.22425	376	376	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425728	5415793	0.23207	377	377	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425728	5415593	0.24717	377	377	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425728	5415393	0.26376	378	378	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425728	5415193	0.27774	378	378	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425728	5414993	0.29638	379	379	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	425728	5414793	0.32551	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	425728	5414593	0.35596	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	425728	5414393	0.383	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	425728	5414193	0.40664	381	381	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	425928	5416193	0.19936	377.1	377.1	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425928	5415993	0.20412	377	377	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425928	5415793	0.21496	377	377	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425928	5415593	0.22966	378	378	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425928	5415393	0.24307	378.1	378.1	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425928	5415193	0.25537	379.07	379.07	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	425928	5414993	0.27968	379.38	379.38	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	425928	5414793	0.30458	381.46	381.46	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	425928	5414593	0.32923	382	382	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	425928	5414393	0.35247	381	381	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	425928	5414193	0.3757	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426128	5416193	0.18482	378	378	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	426128	5415993	0.19178	378	378	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	426128	5415793	0.20058	378	378	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426128	5415593	0.21326	379	379	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426128	5415393	0.22289	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426128	5415193	0.24185	381	381	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426128	5414993	0.26314	381.37	381.37	0	MONTH	TMA	1ST	12/31/1998 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	426128	5414793	0.28353	384.49	384.49	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426128	5414593	0.30557	384	384	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426128	5414393	0.3278	382	382	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426128	5414193	0.35007	380.01	380.01	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426328	5416193	0.17548	379	379	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	426328	5415993	0.17943	379.58	379.58	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	426328	5415793	0.18728	381	381	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426328	5415593	0.19616	383.94	383.94	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426328	5415393	0.20931	385.11	385.11	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426328	5415193	0.22638	387.15	387.15	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426328	5414993	0.24429	388	388	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426328	5414793	0.26697	385	385	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426328	5414593	0.28929	381	381	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426328	5414393	0.30899	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426328	5414193	0.32792	379.9	379.9	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426528	5416193	0.16547	380	380	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	426528	5415993	0.16709	382	382	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	426528	5415793	0.17431	384.43	384.43	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426528	5415593	0.18286	387.14	387.14	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426528	5415393	0.19693	390	390	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426528	5415193	0.21331	390	390	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426528	5414993	0.23096	390	390	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426528	5414793	0.25276	386.24	386.24	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426528	5414593	0.27382	380.69	380.69	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426528	5414393	0.29165	379	379	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426528	5414193	0.30872	378	378	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426728	5416193	0.15535	382	382	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	426728	5415993	0.15609	384	384	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	426728	5415793	0.16278	386	386	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426728	5415593	0.1746	388	388	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426728	5415393	0.18905	390	390	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426728	5415193	0.20536	388.86	388.86	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426728	5414993	0.22132	389.95	389.95	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426728	5414793	0.24144	385.44	385.44	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426728	5414593	0.26003	379.81	379.81	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426728	5414393	0.27591	378.03	378.03	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426728	5414193	0.29102	378	378	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426928	5416193	0.14579	383	383	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	426928	5415993	0.14629	385	385	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426928	5415793	0.1554	387	387	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426928	5415593	0.16882	388	388	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426928	5415393	0.18372	388	388	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426928	5415193	0.19932	385.9	385.9	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426928	5414993	0.2155	384.4	384.4	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426928	5414793	0.23174	382.59	382.59	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426928	5414593	0.24711	379.99	379.99	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426928	5414393	0.26134	379	379	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	426928	5414193	0.27484	378	378	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	427128	5416193	0.13583	383.98	383.98	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	427128	5415993	0.13978	386	386	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	427128	5415793	0.15079	386.86	386.86	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	427128	5415593	0.16509	386	386	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	427128	5415393	0.17869	386	386	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	427128	5415193	0.19238	385	385	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	427128	5414993	0.20695	383.88	383.88	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	427128	5414793	0.22171	382	382	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	427128	5414593	0.23523	381	381	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	427128	5414393	0.24811	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	427128	5414193	0.25921	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	424128	5408393	0.17703	350.25	350.25	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	424128	5408193	0.16548	354	354	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	423928	5408393	0.17439	353.49	353.49	0	MONTH	TMA	1ST	12/31/1997 24 hr



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	423928	5408193	0.16239	357.59	357.59	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	423728	5408393	0.17039	355.6	355.6	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	423728	5408193	0.15743	359.84	359.84	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	423528	5408393	0.16996	352	352	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	423528	5408193	0.16002	354.52	354.52	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	423328	5408593	0.19217	349.35	349.35	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	423328	5408393	0.18007	351	351	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	423328	5408193	0.16873	352	352	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	423128	5408593	0.20456	352.5	352.5	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	423128	5408393	0.19062	354.07	354.07	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	423128	5408193	0.17741	356	356	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	422928	5408593	0.21488	353	353	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	422928	5408393	0.19877	355	355	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	422928	5408193	0.18374	357	357	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	422728	5408593	0.22217	353	353	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	422728	5408393	0.20497	355	355	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	422728	5408193	0.18959	356	356	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	422528	5408593	0.22735	354	354	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	422528	5408393	0.21118	354.79	354.79	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	422528	5408193	0.19739	355.99	355.99	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	422328	5408593	0.23184	352	352	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	422328	5408393	0.21794	353	353	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	422328	5408193	0.20561	354	354	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	422128	5408593	0.2383	350	350	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	422128	5408393	0.22505	352	352	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	422128	5408193	0.21302	354	354	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	421928	5408593	0.2462	350	350	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	421928	5408393	0.23146	351.68	351.68	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	421928	5408193	0.21842	354	354	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	421728	5408593	0.25244	349	349	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	421728	5408393	0.2367	351	351	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	421728	5408193	0.22251	353	353	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	421528	5408593	0.25701	348	348	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	421528	5408393	0.24064	349	349	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	421528	5408193	0.22613	351	351	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	421328	5408593	0.25925	345.41	345.41	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	421328	5408393	0.24348	347	347	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	421328	5408193	0.22906	348.81	348.81	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	421128	5408593	0.26058	344.52	344.52	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	421128	5408393	0.24474	345.3	345.3	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	421128	5408193	0.23057	347	347	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	420928	5408593	0.25881	343	343	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	420928	5408393	0.24382	344	344	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	420928	5408193	0.22989	345	345	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	420728	5408593	0.25447	343	343	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	420728	5408393	0.24023	343	343	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	420728	5408193	0.22735	344	344	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	420528	5409393	0.32116	353	353	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	420528	5409193	0.29832	350	350	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	420528	5408993	0.27976	349	349	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	420528	5408793	0.26289	347	347	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	420528	5408593	0.24777	345.03	345.03	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	420528	5408393	0.23395	343	343	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	420528	5408193	0.22198	343	343	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	420328	5409393	0.30312	353.52	353.52	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	420328	5409193	0.28276	350.89	350.89	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	420328	5408993	0.26549	349	349	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	420328	5408793	0.25074	348	348	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	420128	5409393	0.2809	352.9	352.9	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	420128	5409193	0.26288	350	350	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	420128	5408993	0.2482	349	349	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	420128	5408793	0.23531	348	348	0	MONTH	TMA	1ST	12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419928	5409393	0.25953	353	353	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419928	5409193	0.24392	351	351	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419928	5408993	0.2307	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419928	5408793	0.21927	349	349	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419728	5409393	0.23835	351	351	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419728	5409193	0.22571	349.94	349.94	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419728	5408993	0.21396	349	349	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419728	5408793	0.20351	348	348	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419528	5410993	0.40596	356	356	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419528	5410793	0.37683	355	355	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419528	5410593	0.34818	357	357	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419528	5410393	0.31964	358	358	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419528	5410193	0.29229	356.94	356.94	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419528	5409993	0.2666	355	355	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419528	5409793	0.24327	353.29	353.29	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419528	5409593	0.22789	351.28	351.28	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419528	5409393	0.21804	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419528	5409193	0.20817	349	349	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419528	5408993	0.19845	348	348	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419528	5408793	0.18928	347	347	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419528	5408593	0.18101	346	346	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419528	5408393	0.17367	345	345	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419528	5408193	0.16681	343	343	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419328	5410993	0.36861	355	355	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419328	5410793	0.34727	353	353	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419328	5410593	0.3248	353	353	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419328	5410393	0.30196	353.58	353.58	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419328	5410193	0.27924	353.77	353.77	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419328	5409993	0.25723	352	352	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419328	5409793	0.23707	351.03	351.03	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419328	5409593	0.21861	350.18	350.18	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419328	5409393	0.20213	350	350	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419328	5409193	0.19126	348.27	348.27	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419328	5408993	0.18362	347.63	347.63	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419328	5408793	0.17611	347	347	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419328	5408593	0.16891	346	346	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419328	5408393	0.16224	344.73	344.73	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419328	5408193	0.15582	342.09	342.09	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419128	5410993	0.35248	355	355	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	419128	5410793	0.3179	353	353	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419128	5410593	0.301	351	351	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419128	5410393	0.28298	350	350	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419128	5410193	0.26475	350	350	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419128	5409993	0.24669	350	350	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419128	5409793	0.22975	350	350	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419128	5409593	0.21328	349	349	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419128	5409393	0.19804	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419128	5409193	0.18446	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419128	5408993	0.17139	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	419128	5408793	0.16325	346	346	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419128	5408593	0.15743	346	346	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419128	5408393	0.15157	344.6	344.6	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419128	5408193	0.14585	342	342	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	418928	5410993	0.33278	352	352	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	418928	5410793	0.30046	351	351	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	418928	5410593	0.2772	350	350	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418928	5410393	0.26364	349	349	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418928	5410193	0.25008	349	349	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418928	5409993	0.2352	348.44	348.44	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418928	5409793	0.22062	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418928	5409593	0.20687	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418928	5409393	0.19325	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	418928	5409193	0.18084	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418928	5408993	0.16911	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418928	5408793	0.15845	345.98	345.98	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418928	5408593	0.14787	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418928	5408393	0.14152	344	344	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	418928	5408193	0.13661	342	342	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	418728	5410993	0.31296	349.6	349.6	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	418728	5410793	0.28643	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	418728	5410593	0.26037	348.05	348.05	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	418728	5410393	0.24424	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418728	5410193	0.23313	347.03	347.03	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418728	5409993	0.22219	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418728	5409793	0.21055	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418728	5409593	0.19912	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418728	5409393	0.18754	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418728	5409193	0.17648	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418728	5408993	0.16567	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418728	5408793	0.15602	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418728	5408593	0.14678	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418728	5408393	0.13783	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418728	5408193	0.12859	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418528	5410993	0.29524	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	418528	5410793	0.27211	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	418528	5410593	0.25038	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	418528	5410393	0.22901	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	418528	5410193	0.21706	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418528	5409993	0.20816	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418528	5409793	0.19906	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418528	5409593	0.18984	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418528	5409393	0.18046	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418528	5409193	0.17128	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418528	5408993	0.16169	344.08	344.08	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418528	5408793	0.15274	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418528	5408593	0.14453	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418528	5408393	0.1367	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418528	5408193	0.12907	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418328	5410993	0.28014	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	418328	5410793	0.25859	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	418328	5410593	0.23977	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	418328	5410393	0.22154	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	418328	5410193	0.2039	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418328	5409993	0.19522	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418328	5409793	0.18702	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418328	5409593	0.17936	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418328	5409393	0.17212	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418328	5409193	0.16468	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418328	5408993	0.15711	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418328	5408793	0.14918	343.82	343.82	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418328	5408593	0.14136	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418328	5408393	0.1344	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418328	5408193	0.12774	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418128	5410993	0.26666	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	418128	5410793	0.24666	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	418128	5410593	0.22897	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	418128	5410393	0.21326	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	418128	5410193	0.19788	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	418128	5409993	0.1844	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418128	5409793	0.17636	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418128	5409593	0.16924	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418128	5409393	0.1628	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418128	5409193	0.15684	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418128	5408993	0.15115	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	418128	5408793	0.14463	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418128	5408593	0.13796	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418128	5408393	0.13128	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418128	5408193	0.12538	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417928	5410993	0.25507	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417928	5410793	0.23661	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417928	5410593	0.21929	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417928	5410393	0.20496	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417928	5410193	0.1914	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417928	5409993	0.17769	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417928	5409793	0.16779	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417928	5409593	0.16069	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417928	5409393	0.15392	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417928	5409193	0.14829	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417928	5408993	0.14378	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417928	5408793	0.13896	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417928	5408593	0.13373	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417928	5408393	0.12791	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417928	5408193	0.12247	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417728	5410993	0.24251	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417728	5410793	0.22747	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417728	5410593	0.21112	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417728	5410393	0.19702	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417728	5410193	0.1847	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417728	5409993	0.17297	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417728	5409793	0.16051	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417728	5409593	0.15367	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417728	5409393	0.14679	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417728	5409193	0.1409	345.93	345.93	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417728	5408993	0.13619	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417728	5408793	0.13231	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417728	5408593	0.12831	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417728	5408393	0.12393	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417728	5408193	0.11906	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417528	5410993	0.22922	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417528	5410793	0.21811	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417528	5410593	0.2044	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417528	5410393	0.19071	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417528	5410193	0.17815	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417528	5409993	0.16729	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417528	5409793	0.15677	347.42	347.42	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417528	5409593	0.14735	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417528	5409393	0.14106	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417528	5409193	0.13466	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417528	5408993	0.12928	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417528	5408793	0.12545	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417528	5408593	0.12216	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417528	5408393	0.11875	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417528	5408193	0.11491	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417328	5410993	0.21562	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417328	5410793	0.20833	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417328	5410593	0.19721	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417328	5410393	0.18498	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417328	5410193	0.17297	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417328	5409993	0.1619	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417328	5409793	0.15189	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417328	5409593	0.14215	346	346	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417328	5409393	0.13563	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417328	5409193	0.12957	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417328	5408993	0.1239	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417328	5408793	0.11936	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417328	5408593	0.11589	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417328	5408393	0.11297	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417328	5408193	0.10996	341.83	341.83	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417128	5410993	0.20268	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417128	5410793	0.19752	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417128	5410593	0.18956	348.66	348.66	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417128	5410393	0.17988	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417128	5410193	0.16886	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417128	5409993	0.15805	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417128	5409793	0.14802	348.57	348.57	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417128	5409593	0.13868	346.6	346.6	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	417128	5409393	0.13047	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417128	5409193	0.12524	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417128	5408993	0.11959	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417128	5408793	0.11437	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417128	5408593	0.11041	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417128	5408393	0.1073	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417128	5408193	0.10462	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	416928	5410993	0.19104	353	353	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416928	5410793	0.18682	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416928	5410593	0.18127	349.92	349.92	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416928	5410393	0.17372	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416928	5410193	0.16468	351	351	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416928	5409993	0.15453	351	351	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416928	5409793	0.14454	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416928	5409593	0.13567	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416928	5409393	0.12723	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416928	5409193	0.12118	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	416928	5408993	0.11626	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	416928	5408793	0.11107	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	416928	5408593	0.10645	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	416928	5408393	0.10295	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	416928	5408193	0.10007	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	416728	5410993	0.17931	351.06	351.06	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5410793	0.17645	351	351	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5410593	0.17219	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5410393	0.167	351	351	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5410193	0.16009	352	352	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5409993	0.15132	352	352	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5409793	0.14171	351	351	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5409593	0.13258	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5409393	0.12436	349.5	349.5	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5409193	0.11688	349.3	349.3	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	416728	5408993	0.11294	348.99	348.99	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	416728	5408793	0.10832	347.94	347.94	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	416728	5408593	0.10352	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	416728	5408393	0.09946	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	416728	5408193	0.09607	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	416528	5410993	0.17072	361.2	361.2	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5410793	0.16747	356	356	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5410593	0.16366	352.93	352.93	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5410393	0.15943	351	351	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5410193	0.15475	353	353	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5409993	0.14799	354	354	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5409793	0.1394	353	353	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5409593	0.13041	351.77	351.77	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5409393	0.12203	351	351	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5409193	0.11438	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5408993	0.10893	349	349	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	416528	5408793	0.10502	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	416528	5408593	0.10065	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	416528	5408393	0.0964	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	416528	5408193	0.0928	341.73	341.73	0 MONTH	TMA	1ST		1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	416328	5410993	0.16185	367.86	367.86	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5410793	0.1588	359	359	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5410593	0.15537	355.8	355.8	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5410393	0.15173	352	352	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5410193	0.14856	353.47	353.47	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5409993	0.14385	355	355	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5409793	0.13682	354	354	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5409593	0.12857	353	353	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5409393	0.12021	351.99	351.99	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5409193	0.11233	350	350	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5408993	0.10521	348.73	348.73	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5408793	0.10121	344	344	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	416328	5408593	0.09743	341	341	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	416328	5408393	0.09372	341	341	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	416328	5408193	0.0902	341	341	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	416128	5410993	0.15338	364.98	364.98	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5410793	0.15083	361.31	361.31	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5410593	0.14767	359	359	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5410393	0.14452	356	356	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5410193	0.14172	353	353	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5409993	0.1387	354	354	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5409793	0.13362	354	354	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5409593	0.12658	353	353	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5409393	0.1187	352	352	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5409193	0.1108	350	350	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5408993	0.1036	349	349	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5408793	0.09778	345.96	345.96	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	416128	5408593	0.09459	342.33	342.33	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	416128	5408393	0.09148	343	343	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	416128	5408193	0.08816	343	343	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	418928	5413193	0.39827	371.76	371.76	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418928	5413393	0.37886	369.38	369.38	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418928	5413593	0.36144	367.41	367.41	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418928	5413793	0.34636	372.61	372.61	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418928	5413993	0.32853	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418928	5414193	0.31255	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418928	5414393	0.29396	376	376	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418928	5414593	0.2735	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418928	5414793	0.25653	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418928	5414993	0.2451	378	378	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418928	5415193	0.23494	378	378	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418928	5415393	0.22499	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418928	5415593	0.21498	381.68	381.68	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418928	5415793	0.20556	380.27	380.27	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418928	5415993	0.19546	378.04	378.04	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418928	5416193	0.18474	373.71	373.71	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418928	5416393	0.17366	370.1	370.1	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418928	5416593	0.16425	370	370	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418928	5416793	0.15901	369	369	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418928	5416993	0.1537	368.14	368.14	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418928	5417193	0.14822	368.37	368.37	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418928	5417393	0.14266	370	370	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418928	5417593	0.13734	370	370	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418928	5417793	0.13252	370	370	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418928	5417993	0.12815	366.1	366.1	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418928	5418193	0.12414	368	368	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418928	5418393	0.11987	366.65	366.65	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418928	5418593	0.11495	361.17	361.17	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418928	5418793	0.10976	361	361	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418928	5418993	0.10411	361	361	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418928	5419193	0.09849	362.73	362.73	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	418728	5413593	0.32486	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	418728	5413793	0.31156	375.05	375.05	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418728	5413993	0.30034	375.91	375.91	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418728	5414193	0.28792	372.18	372.18	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418728	5414393	0.27324	372.2	372.2	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418728	5414593	0.25796	375	375	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418728	5414793	0.24396	375	375	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418728	5414993	0.23147	378.01	378.01	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418728	5415193	0.22156	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418728	5415393	0.2134	378.19	378.19	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418728	5415593	0.20589	375.93	375.93	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418728	5415793	0.19782	373	373	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418728	5415993	0.18917	372	372	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418728	5416193	0.17991	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418728	5416393	0.1701	369	369	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418728	5416593	0.15987	368	368	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418728	5416793	0.15153	367	367	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418728	5416993	0.14704	367	367	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418728	5417193	0.1424	367	367	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418728	5417393	0.13755	367.6	367.6	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418728	5417593	0.13261	368	368	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418728	5417793	0.12784	366.88	366.88	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418728	5417993	0.1234	363.2	363.2	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418728	5418193	0.11957	362.9	362.9	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418728	5418393	0.11583	361	361	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418728	5418593	0.112	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418728	5418793	0.10786	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418728	5418993	0.10328	361	361	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418728	5419193	0.0982	361	361	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418528	5413593	0.29388	371	371	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418528	5413793	0.28315	371	371	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418528	5413993	0.27382	369	369	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418528	5414193	0.26347	370.62	370.62	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418528	5414393	0.25164	375.56	375.56	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418528	5414593	0.23959	377.75	377.75	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418528	5414793	0.22793	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418528	5414993	0.21849	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418528	5415193	0.21006	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418528	5415393	0.20218	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418528	5415593	0.19487	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418528	5415793	0.18851	378.3	378.3	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418528	5415993	0.18195	374.67	374.67	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418528	5416193	0.17427	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418528	5416393	0.16604	369	369	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418528	5416593	0.15721	367.76	367.76	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418528	5416793	0.14784	366	366	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418528	5416993	0.14023	365	365	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418528	5417193	0.13642	365	365	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418528	5417393	0.13239	365	365	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418528	5417593	0.12812	365	365	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418528	5417793	0.12377	364.97	364.97	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418528	5417993	0.11951	363	363	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418528	5418193	0.11555	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418528	5418393	0.11215	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418528	5418593	0.10881	359	359	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418528	5418793	0.10546	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418528	5418993	0.10169	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418528	5419193	0.09747	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418328	5413593	0.26784	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418328	5413793	0.25797	367.98	367.98	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418328	5413993	0.24992	369.86	369.86	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418328	5414193	0.24123	373.04	373.04	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418328	5414393	0.23029	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	418328	5414593	0.22159	378.35	378.35	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418328	5414793	0.21346	377	377	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418328	5414993	0.20628	377	377	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418328	5415193	0.19965	378	378	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418328	5415393	0.19282	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418328	5415593	0.18613	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418328	5415793	0.17964	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418328	5415993	0.17409	377	377	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418328	5416193	0.1679	373.16	373.16	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418328	5416393	0.16109	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418328	5416593	0.15369	367.89	367.89	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418328	5416793	0.14565	365	365	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418328	5416993	0.13714	364	364	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418328	5417193	0.13012	363	363	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418328	5417393	0.12686	363	363	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418328	5417593	0.12338	362.8	362.8	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418328	5417793	0.11962	362	362	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418328	5417993	0.11585	361.94	361.94	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418328	5418193	0.1122	361	361	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418328	5418393	0.10886	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418328	5418593	0.10578	359	359	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418328	5418793	0.10284	359	359	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418328	5418993	0.09977	359.74	359.74	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418328	5419193	0.09642	362.09	362.09	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418128	5413593	0.24574	366	366	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418128	5413793	0.23632	366.1	366.1	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418128	5413993	0.22908	369	369	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418128	5414193	0.2216	371	371	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418128	5414393	0.21355	373	373	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418128	5414593	0.2055	374.6	374.6	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418128	5414793	0.19792	378.04	378.04	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418128	5414993	0.19195	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418128	5415193	0.18771	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418128	5415393	0.18311	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418128	5415593	0.17787	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418128	5415793	0.17237	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418128	5415993	0.16722	376	376	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418128	5416193	0.16166	372.29	372.29	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418128	5416393	0.15571	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418128	5416593	0.14937	367.02	367.02	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418128	5416793	0.14252	364	364	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418128	5416993	0.13518	362	362	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418128	5417193	0.1275	362	362	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	418128	5417393	0.12116	363	363	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418128	5417593	0.11828	362	362	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418128	5417793	0.11514	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418128	5417993	0.11193	359.79	359.79	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418128	5418193	0.1087	359.6	359.6	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418128	5418393	0.10566	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418128	5418593	0.10286	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418128	5418793	0.10024	359.96	359.96	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418128	5418993	0.09758	359.34	359.34	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418128	5419193	0.09479	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417928	5411193	0.26959	350	350	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5411393	0.27746	352.36	352.36	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5411593	0.28081	357	357	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5411793	0.28193	360.88	360.88	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5411993	0.28227	363	363	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5412193	0.28174	367.65	367.65	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5412393	0.27933	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5412593	0.27626	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5412793	0.27106	368.14	368.14	0	MONTH	TMA	1ST	1/31/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417928	5412993	0.26188	364	364	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5413193	0.25052	362	362	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5413393	0.23853	363	363	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5413593	0.22704	364.34	364.34	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5413793	0.21795	366	366	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5413993	0.21098	368.34	368.34	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5414193	0.2042	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5414393	0.19702	374	374	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5414593	0.18926	378.51	378.51	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5414793	0.18297	380.03	380.03	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5414993	0.17835	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5415193	0.17528	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5415393	0.17241	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5415593	0.16943	379.01	379.01	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5415793	0.16545	378	378	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5415993	0.16085	376	376	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5416193	0.15581	373	373	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5416393	0.15052	370.83	370.83	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5416593	0.14485	366.14	366.14	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5416793	0.13865	360.51	360.51	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5416993	0.13239	360	360	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5417193	0.12592	362.89	362.89	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5417393	0.11904	366.73	366.73	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417928	5417593	0.11319	364.97	364.97	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417928	5417793	0.11044	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417928	5417993	0.10768	358	358	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417928	5418193	0.10493	358	358	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417928	5418393	0.10219	358	358	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417928	5418593	0.09954	357	357	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417928	5418793	0.09726	358	358	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417928	5418993	0.09508	359	359	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417928	5419193	0.09284	360.05	360.05	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417728	5411193	0.25252	350.67	350.67	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5411393	0.25778	355	355	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5411593	0.2594	358	358	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5411793	0.26074	364.92	368	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5411993	0.26073	370.95	370.95	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5412193	0.25949	371	371	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5412393	0.25716	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5412593	0.25459	368.99	368.99	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5412793	0.25024	368.26	368.26	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5412993	0.24282	367.08	367.08	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5413193	0.23277	361	361	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5413393	0.22225	363	363	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5413593	0.21126	364	364	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5413793	0.20219	365	365	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5413993	0.19531	367	367	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5414193	0.1889	369.12	369.12	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5414393	0.18227	373.75	373.75	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5414593	0.17523	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5414793	0.16952	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5414993	0.1658	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5415193	0.16346	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5415393	0.16191	377	377	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5415593	0.16003	375.41	375.41	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5415793	0.15749	374.72	374.72	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5415993	0.154	373.61	373.61	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5416193	0.15011	371.69	371.69	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5416393	0.14563	369.13	369.13	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5416593	0.14052	364	364	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5416793	0.13497	360	360	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5416993	0.12955	362	362	0	MONTH	TMA	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417728	5417193	0.12384	366.63	366.63	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5417393	0.11764	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5417593	0.11107	363.08	363.08	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417728	5417793	0.10552	358	358	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417728	5417993	0.10325	357	357	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417728	5418193	0.10095	357	357	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417728	5418393	0.0985	356.12	356.12	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417728	5418593	0.09618	356	356	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417728	5418793	0.0941	357	357	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417728	5418993	0.09231	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417728	5419193	0.09042	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417528	5411193	0.23564	350.96	350.96	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5411393	0.2399	358.01	358.01	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5411593	0.24156	363.74	363.74	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5411793	0.24179	372	372	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5411993	0.2413	370.99	370.99	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5412193	0.2399	369.04	369.04	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5412393	0.23765	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5412593	0.23542	368.09	368.09	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5412793	0.23181	369.26	369.26	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5412993	0.22571	372	372	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5413193	0.21711	360	360	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5413393	0.20782	361.45	361.45	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5413593	0.19762	363	363	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5413793	0.18877	365	365	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5413993	0.18181	366.22	366.22	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5414193	0.17553	368	368	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5414393	0.16924	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5414593	0.1633	374.26	374.26	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5414793	0.1582	377.96	377.96	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5414993	0.15453	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5415193	0.15239	379.84	379.84	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5415393	0.15129	377	377	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5415593	0.15034	374	374	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5415793	0.14875	371.94	371.94	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5415993	0.14669	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5416193	0.14399	369	369	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5416393	0.1405	365.03	365.03	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5416593	0.1362	361	361	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5416793	0.1316	361.24	361.24	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5416993	0.12685	368.53	368.53	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5417193	0.12147	366.5	366.5	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5417393	0.11562	361.07	361.07	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5417593	0.10958	358	358	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5417793	0.10363	357	357	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417528	5417993	0.09885	356	356	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417528	5418193	0.09686	356	356	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417528	5418393	0.09473	355	355	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417528	5418593	0.09267	355	355	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417528	5418793	0.09071	355	355	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417528	5418993	0.08911	358	358	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417528	5419193	0.08764	360.85	360.85	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417328	5411193	0.21958	350.35	350.35	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5411393	0.22279	355.98	355.98	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5411593	0.22503	365.62	365.62	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5411793	0.22496	370.42	370.42	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5411993	0.2241	367.31	367.31	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5412193	0.22222	364.03	364.03	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5412393	0.22036	368	368	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5412593	0.21808	363.72	363.72	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5412793	0.21531	367.13	367.13	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5412993	0.2105	367.96	367.96	0	MONTH	TMA	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417328	5413193	0.20334	360	360	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5413393	0.19504	360.28	360.28	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5413593	0.18584	363.32	363.32	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5413793	0.17731	367.31	367.31	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5413993	0.17024	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5414193	0.16391	370.92	370.92	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5414393	0.1577	371	371	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5414593	0.15215	373	373	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5414793	0.14741	375.88	375.88	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5414993	0.14449	377	377	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5415193	0.14279	375.97	375.97	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5415393	0.14193	373	373	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5415593	0.14096	371	371	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5415793	0.14003	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5415993	0.13886	368	368	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5416193	0.13721	366.12	366.12	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5416393	0.13486	363.16	363.16	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5416593	0.13175	361	361	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5416793	0.12811	362.06	362.06	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5416993	0.12394	365.53	365.53	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5417193	0.11898	361.11	361.11	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5417393	0.11365	358	358	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5417593	0.10817	357	357	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5417793	0.10258	356	356	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5417993	0.09714	356	356	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417328	5418193	0.09297	356	356	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417328	5418393	0.09113	356	356	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417328	5418593	0.08921	355.03	355.03	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417328	5418793	0.08734	354	354	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417328	5418993	0.08601	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417328	5419193	0.08468	363.72	363.72	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417128	5411193	0.20655	355.22	355.22	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5411393	0.20909	360.89	360.89	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5411593	0.21021	365	365	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5411793	0.20961	362.92	362.92	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5411993	0.20808	360	360	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5412193	0.20667	362.97	362.97	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5412393	0.20462	363	363	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5412593	0.20243	360.19	360.19	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5412793	0.19986	359.75	359.75	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5412993	0.19608	359.15	359.15	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5413193	0.19092	359.43	359.43	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5413393	0.18395	362.2	362.2	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5413593	0.17552	365.9	365.9	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5413793	0.16727	369	369	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5413993	0.15974	375.91	375.91	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5414193	0.15325	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5414393	0.14719	377.2	377.2	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5414593	0.14146	376	376	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5414793	0.13739	375	375	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5414993	0.13527	374	374	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5415193	0.13377	372	372	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5415393	0.13276	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5415593	0.13205	368.94	368.94	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5415793	0.13149	367	367	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5415993	0.13086	365	365	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5416193	0.12996	363	363	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5416393	0.1286	361	361	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5416593	0.12675	361.66	361.66	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5416793	0.12395	359.46	359.46	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5416993	0.12055	359.27	359.27	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5417193	0.11651	358.77	358.77	0	MONTH	TMA	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417128	5417393	0.11186	357.12	357.12	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5417593	0.1069	357	357	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5417793	0.10169	357	357	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5417993	0.09646	357	357	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5418193	0.09138	357	357	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	417128	5418393	0.08777	358	358	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417128	5418593	0.08603	358	358	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417128	5418793	0.08415	354.68	354.68	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417128	5418993	0.08283	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417128	5419193	0.08145	361	361	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	416928	5411193	0.19377	355.85	355.85	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5411393	0.19556	357.64	357.64	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5411593	0.19627	358.44	358.44	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5411793	0.19564	358.25	358.25	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5411993	0.19448	360	360	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5412193	0.1923	358.63	358.63	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5412393	0.1899	356.3	356.3	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5412593	0.18903	362.28	362.28	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5412793	0.18716	363.95	363.95	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5412993	0.18418	361.2	361.2	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5413193	0.17999	361	361	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5413393	0.17393	365.02	365.02	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5413593	0.16617	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5413793	0.15814	374.04	374.04	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5413993	0.1503	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5414193	0.14369	384.64	384.64	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5414393	0.13782	382.22	382.22	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5414593	0.13208	379.55	379.55	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5414793	0.12797	376.84	376.84	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5414993	0.12623	372.86	372.86	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5415193	0.12496	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5415393	0.12425	368.59	368.59	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5415593	0.12374	367	367	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5415793	0.12338	365	365	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5415993	0.12308	363.11	363.11	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5416193	0.12272	361.96	361.96	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5416393	0.12204	360	360	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5416593	0.12098	359	359	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5416793	0.11933	359	359	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5416993	0.11687	358	358	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5417193	0.11377	358	358	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5417393	0.10996	357.16	357.16	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5417593	0.10571	358.41	358.41	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5417793	0.1009	358	358	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5417993	0.09589	358	358	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5418193	0.09096	359	359	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5418393	0.08625	359.94	359.94	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416928	5418593	0.08302	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	416928	5418793	0.08123	356.81	356.81	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	416928	5418993	0.07956	354.87	354.87	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	416928	5419193	0.07827	357.48	357.48	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	416728	5411193	0.18128	351	351	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416728	5411393	0.18353	355.04	355.04	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416728	5411593	0.18357	353	353	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416728	5411793	0.18296	354	354	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416728	5411993	0.18146	354.98	354.98	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416728	5412193	0.17935	355.03	355.03	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416728	5412393	0.17867	367.51	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416728	5412593	0.17701	369	369	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416728	5412793	0.17535	365.99	365.99	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416728	5412993	0.17334	363.34	363.34	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416728	5413193	0.17006	363	363	0	MONTH	TMA	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	416728	5413393	0.16468	365.94	365.94	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5413593	0.15762	369	369	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5413793	0.15033	373.37	373.37	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5413993	0.14283	380.83	380.83	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5414193	0.13549	387.57	387.57	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5414393	0.12903	388	388	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5414593	0.12375	383.26	383.26	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5414793	0.11968	378.48	378.48	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5414993	0.11804	371.99	371.99	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5415193	0.11678	369	369	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5415393	0.11631	367.9	367.9	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5415593	0.11604	366	366	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5415793	0.11585	364	364	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5415993	0.11574	362	362	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5416193	0.11561	360.02	360.02	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5416393	0.11549	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5416593	0.11512	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5416793	0.11427	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5416993	0.1128	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5417193	0.11062	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5417393	0.1078	361	361	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5417593	0.10421	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5417793	0.10001	359	359	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5417993	0.09541	359	359	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5418193	0.09065	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5418393	0.08593	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5418593	0.08144	359	359	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416728	5418793	0.07839	355	355	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	416728	5418993	0.07671	353	353	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	416728	5419193	0.07527	353.31	353.31	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	416528	5411193	0.17301	366.33	366.33	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5411393	0.17422	364.28	364.28	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5411593	0.17411	359.9	359.9	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5411793	0.17228	354.24	354.24	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5411993	0.17071	356.49	356.49	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5412193	0.16901	361	361	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5412393	0.16738	370	370	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5412593	0.16575	369	369	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5412793	0.1646	368	368	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5412993	0.16342	365.46	365.46	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5413193	0.1609	364	364	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5413393	0.15622	366	366	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5413593	0.14982	368	368	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5413793	0.14292	375.08	375.08	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5413993	0.13519	385.64	385.64	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5414193	0.12838	390	390	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5414393	0.12252	388	388	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5414593	0.11677	384.38	384.38	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5414793	0.11263	378.5	378.5	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5414993	0.1107	369	369	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5415193	0.10929	368	368	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5415393	0.10888	366	366	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5415593	0.10886	365	365	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5415793	0.1089	364	364	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5415993	0.10893	362	362	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5416193	0.10899	360.31	360.31	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5416393	0.1091	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5416593	0.10913	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5416793	0.10891	361	361	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5416993	0.10816	361	361	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5417193	0.10681	361	361	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	416528	5417393	0.1048	360.5	360.5	0 MONTH	TMA	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	416528	5417593	0.10211	360	360	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416528	5417793	0.09871	359	359	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416528	5417993	0.09478	360	360	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416528	5418193	0.09037	360	360	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416528	5418393	0.08583	361	361	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416528	5418593	0.0813	358.7	358.7	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416528	5418793	0.077	355.78	355.78	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416528	5418993	0.07429	353	353	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	416528	5419193	0.0728	353	353	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	416328	5411193	0.16366	368.17	368.17	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5411393	0.16446	361.26	361.26	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5411593	0.16423	358.01	358.01	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5411793	0.16304	358	358	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5411993	0.16121	361	361	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5412193	0.15904	364	364	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5412393	0.15704	367	367	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5412593	0.15551	369.11	369.11	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5412793	0.15478	368.22	368.22	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5412993	0.15427	366	366	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5413193	0.15253	366.02	366.02	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5413393	0.1485	367.39	367.39	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5413593	0.14272	369.24	369.24	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5413793	0.13636	374.95	374.95	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5413993	0.12985	381.93	381.93	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5414193	0.12383	385	385	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5414393	0.1176	384	384	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5414593	0.11113	382.63	382.63	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5414793	0.10737	372.81	372.81	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5414993	0.10414	369	369	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5415193	0.10251	367	367	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5415393	0.10204	366	366	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5415593	0.10214	365	365	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5415793	0.10236	363	363	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5415993	0.10259	362	362	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5416193	0.10285	362	362	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5416393	0.1031	361.61	361.61	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5416593	0.10336	362	362	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5416793	0.1035	363	363	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5416993	0.10324	361.8	361.8	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5417193	0.10249	360.19	360.19	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5417393	0.10119	359	359	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5417593	0.09939	360	360	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5417793	0.09704	364.57	364.57	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5417993	0.09388	367.07	367.07	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5418193	0.0899	360.1	360.1	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5418393	0.08566	359	359	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5418593	0.08136	359.74	359.74	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5418793	0.0772	361	361	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5418993	0.07319	358.56	358.56	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416328	5419193	0.07078	356	356	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	416128	5411193	0.15496	363.71	363.71	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5411393	0.1557	360.24	360.24	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5411593	0.15553	359	359	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5411793	0.15419	359.09	359.09	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5411993	0.15206	361.11	361.11	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5412193	0.1498	366	366	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5412393	0.14764	369.8	369.8	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5412593	0.14617	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5412793	0.14583	368	368	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5412993	0.14592	368	368	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5413193	0.1448	369.43	369.43	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5413393	0.14138	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	416128	5413593	0.13618	371.19	371.19	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5413793	0.13012	377.82	377.82	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5413993	0.12438	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5414193	0.11907	380.55	380.55	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5414393	0.11299	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5414593	0.10666	376.1	376.1	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5414793	0.10187	370.01	370.01	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5414993	0.09832	368	368	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5415193	0.09643	367.74	367.74	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5415393	0.09581	367	367	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5415593	0.09591	366	366	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5415793	0.09629	365	365	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5415993	0.09674	365	365	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5416193	0.09713	364.42	364.42	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5416393	0.09748	364.58	364.58	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5416593	0.0978	363.06	363.06	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5416793	0.09807	361.67	361.67	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5416993	0.09815	360	360	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5417193	0.09791	359	359	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5417393	0.09727	359.14	359.14	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5417593	0.09635	367.67	367.67	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5417793	0.09462	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5417993	0.0922	366	366	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5418193	0.08901	360.39	360.39	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5418393	0.08541	361.24	361.24	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5418593	0.08145	362	362	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5418793	0.07737	362	362	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5418993	0.07338	360	360	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5419193	0.0696	358.06	358.06	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	416128	5419693	0.06526	352	352	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	416128	5420193	0.063	352	352	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	416128	5420693	0.06223	355.74	355.74	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	416128	5421193	0.061	354.65	354.65	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	416628	5419693	0.07116	354	354	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	416628	5420193	0.06971	357.66	357.66	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	416628	5420693	0.06779	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	416628	5421193	0.06399	361	361	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417128	5419693	0.07856	359	359	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417128	5420193	0.07536	358	358	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417128	5420693	0.07022	359	359	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417128	5421193	0.06295	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417628	5419693	0.08454	369.5	369.5	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417628	5420193	0.07755	364.99	364.99	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417628	5420693	0.06849	361.33	361.33	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	417628	5421193	0.06076	360	360	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	418128	5419693	0.08634	370	370	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418128	5420193	0.07566	372	372	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	418128	5420693	0.07083	370	370	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	418128	5421193	0.06716	363.83	363.83	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	418628	5419693	0.08741	368.21	368.21	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	418628	5420193	0.08201	371	371	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	418628	5420693	0.07654	371	371	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	418628	5421193	0.07163	367.11	367.11	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	419128	5419693	0.09432	366.45	366.45	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	419128	5420193	0.08731	371	371	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	419128	5420693	0.08349	368.28	368.28	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	419128	5421193	0.08166	360.95	360.95	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	419628	5419693	0.10339	366	366	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	419628	5420193	0.1001	368	368	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	419628	5420693	0.09671	370	370	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	419628	5421193	0.09214	359.49	359.49	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420128	5419693	0.12248	368	368	0	MONTH	TMA	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420128	5420193	0.11574	369	369	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420128	5420693	0.10785	365.82	365.82	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420128	5421193	0.09936	362	362	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420628	5419693	0.1387	370.62	370.62	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420628	5420193	0.12586	369.51	369.51	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420628	5420693	0.1135	365	365	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420628	5421193	0.10221	361	361	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5419693	0.14834	374	374	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5420193	0.13149	363	363	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5420693	0.11748	370	370	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421128	5421193	0.10538	360	360	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421628	5419693	0.15514	369.55	369.55	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421628	5420193	0.13776	367	367	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421628	5420693	0.12342	371	371	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421628	5421193	0.11123	361	361	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422128	5419693	0.1593	368.55	368.55	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422128	5420193	0.14282	363	363	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422128	5420693	0.12911	361.38	361.38	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422128	5421193	0.11738	357.99	357.99	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422628	5419693	0.16034	367.99	367.99	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422628	5420193	0.14486	370	370	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422628	5420693	0.13185	370.78	370.78	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422628	5421193	0.12079	369.35	369.35	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5419693	0.15882	372.11	372.11	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5420193	0.14341	374	374	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5420693	0.13037	376.83	376.83	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423128	5421193	0.11924	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423628	5419693	0.15205	370	370	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423628	5420193	0.1383	371.99	371.99	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423628	5420693	0.12618	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423628	5421193	0.11565	378	378	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	424128	5419693	0.13529	376.22	378	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	424128	5420193	0.12533	379.73	379.73	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	424128	5420693	0.11635	366	366	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	424128	5421193	0.10815	376	376	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	424628	5419693	0.11528	375.78	375.78	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	424628	5420193	0.10734	380.21	380.21	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	424628	5420693	0.10113	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	424628	5421193	0.09578	370.14	370.14	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	425128	5419693	0.12864	376	376	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425128	5420193	0.11121	378.67	378.67	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425128	5420693	0.09645	380	380	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425128	5421193	0.08391	370	370	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425628	5419693	0.13712	373.64	373.64	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425628	5420193	0.12061	372	372	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425628	5420693	0.10635	378	378	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425628	5421193	0.09369	379.09	379.09	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426128	5419693	0.14074	370.46	370.46	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426128	5420193	0.12556	369.35	369.35	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426128	5420693	0.11231	378	378	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426128	5421193	0.10052	379	379	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426628	5419693	0.13769	368.07	368.07	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426628	5420193	0.12612	367.52	367.52	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426628	5420693	0.1142	369	369	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426628	5421193	0.10338	371.25	371.25	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	427128	5419693	0.12676	373.21	373.21	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	427128	5420193	0.12116	370.37	370.37	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	427128	5420693	0.11286	374.18	381	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	427128	5421193	0.10324	360	381	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	427628	5419693	0.11022	370.22	370.22	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	427628	5420193	0.11054	383.07	383.07	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	427628	5420693	0.10688	366.33	366.33	0	MONTH	TMA	1ST	2/29/2000 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	427628	5421193	0.10057	358	358	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	428128	5419693	0.09085	363.07	363.07	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	428128	5420193	0.09554	370.67	370.67	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	428128	5420693	0.09716	382.97	382.97	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	428128	5421193	0.09486	369.95	369.95	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	428628	5419693	0.07933	376.81	380	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	428628	5420193	0.07884	368.14	368.14	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	428628	5420693	0.08354	367.41	367.41	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	428628	5421193	0.08612	379.67	379.67	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	429128	5419693	0.06898	378	378	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	429128	5420193	0.06938	372.08	372.08	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	429128	5420693	0.06878	361	372	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	429128	5421193	0.07341	360.13	371	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	427628	5419193	0.10605	367.91	367.91	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	427628	5418693	0.10386	374.68	374.68	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	427628	5418193	0.10549	380	380	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	427628	5417693	0.10242	378	378	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	427628	5417193	0.11192	379.31	379.31	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	427628	5416693	0.11649	381	381	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	427628	5416193	0.12297	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	427628	5415693	0.14985	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	427628	5415193	0.17662	381	381	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	427628	5414693	0.20422	384.81	384.81	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	427628	5414193	0.22159	387	387	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	427628	5407693	0.11564	363	363	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	427628	5407193	0.10869	356.83	356.83	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	427628	5406693	0.10075	360.9	360.9	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	427628	5406193	0.0925	372.99	372.99	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	428128	5419193	0.08997	374	374	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	428128	5418693	0.09103	375	375	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	428128	5418193	0.08726	380	380	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	428128	5417693	0.09416	379	379	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	428128	5417193	0.10018	378	378	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	428128	5416693	0.09926	376	376	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	428128	5416193	0.11805	376	376	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	428128	5415693	0.13949	378	378	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	428128	5415193	0.16321	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	428128	5414693	0.18357	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	428128	5414193	0.18229	400.68	400.68	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	428128	5407193	0.09818	361.11	361.11	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	428128	5406693	0.09473	360.48	360.48	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	428128	5406193	0.08972	367.95	367.95	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	428628	5419193	0.07888	380	380	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	428628	5418693	0.07595	377	377	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	428628	5418193	0.08008	379	379	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	428628	5417693	0.08567	378.24	378.24	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	428628	5417193	0.086	380	380	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	428628	5416693	0.09569	376	376	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	428628	5416193	0.11225	374	374	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	428628	5415693	0.13087	376	376	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	428628	5415193	0.1492	385.89	408	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	428628	5414693	0.15805	397.09	397.09	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	428628	5414193	0.1604	400.52	410	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	428628	5407193	0.08464	353	353	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	428628	5406693	0.08419	362	362	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	428628	5406193	0.08284	362	362	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	429128	5419193	0.06668	377.26	377.26	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	429128	5418693	0.0689	379	379	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	429128	5418193	0.07311	379.95	379.95	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	429128	5417693	0.07675	379	379	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	429128	5417193	0.07962	375	375	0	MONTH	TMA	1ST	12/31/1998 24 hr
TMA	429128	5416693	0.09177	373	373	0	MONTH	TMA	1ST	12/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	429128	5416193	0.10683	373	373	0 MONTH	TMA	1ST		12/31/1998 24 hr
TMA	429128	5415693	0.12259	379.36	400	0 MONTH	TMA	1ST		12/31/1998 24 hr
TMA	429128	5413193	0.13206	390	390	0 MONTH	TMA	1ST		12/31/1998 24 hr
TMA	429128	5412693	0.12535	398.59	398.59	0 MONTH	TMA	1ST		12/31/1998 24 hr
TMA	429128	5408693	0.08235	389.01	389.01	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	429128	5407193	0.07504	355	355	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	429128	5406693	0.07342	358	358	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	429128	5406193	0.07282	360	360	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	427128	5407693	0.12508	350	350	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	427128	5407193	0.11431	360.73	360.73	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	427128	5406693	0.10398	364.08	364.08	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	427128	5406193	0.09455	369.47	383	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	426628	5407693	0.13183	360.15	360.15	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	426628	5407193	0.1194	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	426628	5406693	0.10847	379.68	379.68	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	426628	5406193	0.09794	370.4	370.4	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	426128	5407693	0.13963	380.31	380.31	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	426128	5407193	0.12602	370.02	370.02	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	426128	5406693	0.11239	378	378	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	426128	5406193	0.0988	390	390	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	425628	5407693	0.14699	361	361	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	425628	5407193	0.12919	366.13	366.13	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	425628	5406693	0.11339	378.76	378.76	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	425628	5406193	0.10077	382	382	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	425128	5406693	0.11193	373	373	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	425128	5406193	0.09621	377.62	377.62	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	424628	5406693	0.10443	367.47	367.47	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	424628	5406193	0.08799	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	424128	5407693	0.13857	360.97	360.97	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	424128	5407193	0.11419	366.8	366.8	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	424128	5406693	0.09557	365.76	365.76	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	424128	5406193	0.08213	378.74	378.74	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	423628	5407693	0.13412	359.97	359.97	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	423628	5407193	0.11491	367.85	367.85	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	423628	5406693	0.09701	362.95	362.95	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	423628	5406193	0.08408	363.21	363.21	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	423128	5406693	0.10927	359.65	359.65	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	423128	5406193	0.0981	361	361	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	422628	5407693	0.16531	359.48	359.48	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	422628	5407193	0.14459	360.02	360.02	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	422128	5407693	0.18617	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	422128	5407193	0.16205	358.4	358.4	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	422128	5406193	0.12553	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	421628	5407693	0.19498	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	421628	5407193	0.17109	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	420128	5406693	0.14765	347	347	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419628	5406693	0.13378	348	348	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419128	5407693	0.13519	343	343	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419128	5407193	0.12649	345.2	345.2	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419128	5406693	0.1186	348	348	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419128	5406193	0.11041	349	349	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	418628	5407693	0.11604	342	342	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	418628	5407193	0.10897	344	344	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	418628	5406693	0.10229	342.29	342.29	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	418628	5406193	0.09682	343	343	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	418128	5407693	0.11146	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418128	5407193	0.09601	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	418128	5406693	0.09016	342.64	342.64	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	418128	5406193	0.08504	343	343	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	417628	5407693	0.10672	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417628	5407193	0.09755	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	417628	5406693	0.0861	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417628	5406193	0.07729	345	345	0	MONTH	TMA	1ST	12/31/2000 24 hr
TMA	417128	5407693	0.09807	340	340	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	417128	5407193	0.09233	341	341	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	417128	5406693	0.08637	343	343	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	417128	5406193	0.07792	345	345	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	416628	5407693	0.08777	340	340	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	416628	5407193	0.08333	341	341	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	416628	5406693	0.08052	343	343	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	416628	5406193	0.0769	345	345	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	416128	5407693	0.08065	340	340	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	416128	5407193	0.07485	341.05	341.05	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	416128	5406193	0.07055	346	346	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	415628	5406193	0.06207	346	346	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	415128	5406193	0.05658	344	344	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	414628	5406693	0.05909	340	340	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	414628	5406193	0.05437	341.26	341.26	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	414128	5406693	0.0558	340	340	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	414128	5406193	0.05279	341	341	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	415628	5408193	0.08237	344	344	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	415628	5408693	0.09121	347	347	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415628	5409193	0.10819	350	350	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415628	5409693	0.12134	353.49	353.49	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415628	5410193	0.12504	354.22	354.22	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415628	5410693	0.1324	362.66	362.66	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415628	5411193	0.1367	366	366	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415628	5411693	0.13629	368.95	368.95	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415628	5412193	0.12972	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415628	5412693	0.12626	370.01	370.01	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415628	5413193	0.12775	372.82	372.82	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415628	5413693	0.11944	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415628	5414193	0.10768	378	378	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415628	5414693	0.09348	373.77	373.77	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415628	5415193	0.08416	370	370	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	415628	5415693	0.08253	366	366	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415628	5416193	0.084	363	363	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415628	5416693	0.08543	360	360	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415628	5417193	0.08648	357	357	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415628	5417693	0.08677	362.86	362.86	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415628	5418193	0.08445	364.86	364.86	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415628	5418693	0.07857	360.38	360.38	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415628	5419193	0.07024	359	359	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415628	5419693	0.06183	353.8	353.8	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415628	5420193	0.0583	353.31	353.31	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	415628	5420693	0.05651	354	354	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	415628	5421193	0.05597	354	354	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	415128	5408193	0.07599	345	345	0	MONTH	TMA	1ST	1/31/1999 24 hr
TMA	415128	5408693	0.09049	347	347	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415128	5409193	0.10395	349	349	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415128	5409693	0.10906	354.16	354.16	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415128	5410193	0.11151	358	358	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415128	5410693	0.11869	362	362	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415128	5411193	0.12161	367	367	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415128	5411693	0.12054	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415128	5412193	0.1132	367	367	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415128	5412693	0.11038	366	366	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415128	5413193	0.11358	369	369	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415128	5413693	0.10836	373	373	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415128	5414193	0.09821	375	375	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415128	5414693	0.08526	371	371	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	415128	5415193	0.07655	370	370	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	415128	5415693	0.07319	363	363	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	415128	5416193	0.07256	356.02	356.02	0	MONTH	TMA	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	415128	5416693	0.0745	354	354	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	415128	5417193	0.0762	356	356	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	415128	5417693	0.07744	359	359	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	415128	5418193	0.0773	357.1	357.1	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	415128	5418693	0.07489	356	356	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	415128	5419193	0.06962	356	356	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	415128	5419693	0.06263	355	355	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	415128	5420193	0.05562	355	355	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	415128	5420693	0.05268	361	361	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	415128	5421193	0.05127	360	360	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	414628	5408193	0.07611	344	344	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5408693	0.08917	346.66	346.66	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5409193	0.09646	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5409693	0.09692	357	357	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5410193	0.10127	366	366	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5410693	0.10707	359	359	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5411193	0.10875	359	359	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5411693	0.10719	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5412193	0.09947	363	363	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5412693	0.09742	367	367	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5413193	0.10157	371	371	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5413693	0.09871	371	371	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5414193	0.09015	370	370	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5414693	0.07849	369.61	369.61	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5415193	0.06961	366.83	366.83	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	414628	5415693	0.06758	356.12	356.12	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	414628	5416193	0.06311	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5416693	0.06497	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5417193	0.06708	352	352	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5417693	0.0687	353	353	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5418193	0.0697	354	354	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5418693	0.06942	355	355	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5419193	0.06692	356	356	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5419693	0.06221	358	358	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5420193	0.05642	358	358	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5420693	0.05047	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414628	5421193	0.04771	360	360	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	414128	5408193	0.07654	344	344	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414128	5408693	0.08523	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414128	5409193	0.0869	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414128	5409693	0.08708	361	361	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414128	5410193	0.09268	359	359	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414128	5410693	0.09705	357	357	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414128	5411193	0.09843	370.5	370.5	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414128	5411693	0.09618	364	364	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414128	5412193	0.08811	362	362	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414128	5412693	0.08663	367	367	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414128	5413193	0.09129	368	368	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414128	5413693	0.09036	370	370	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414128	5414193	0.08339	367	367	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414128	5414693	0.07276	363	363	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414128	5415193	0.0627	358.06	358.06	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	414128	5415693	0.06252	350	350	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	414128	5416193	0.05887	350	350	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	414128	5416693	0.05703	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414128	5417193	0.0591	351	351	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414128	5417693	0.06111	353.76	353.76	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414128	5418193	0.06261	355	355	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414128	5418693	0.0634	357	357	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414128	5419193	0.06275	358	358	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414128	5419693	0.06011	359	359	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	414128	5420193	0.0559	359	359	0 MONTH	TMA	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	414128	5420693	0.0511	360	360	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	414128	5421193	0.04597	360	360	0	MONTH	TMA	1ST	1/31/1998 24 hr
TMA	414128	5422027	0.04299	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	414128	5422860	0.04291	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	414128	5423693	0.04185	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	415100	5422027	0.05054	361	361	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	415100	5422860	0.04818	360	360	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	415100	5423693	0.0421	357.11	357.11	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	416072	5422027	0.05515	349	349	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	416072	5422860	0.04612	350	350	0	MONTH	TMA	1ST	1/31/2000 24 hr
TMA	416072	5423693	0.04035	351.91	351.91	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	417045	5422027	0.05163	349	349	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	417045	5422860	0.0486	354.82	354.82	0	MONTH	TMA	1ST	12/31/1999 24 hr
TMA	417045	5423693	0.04489	364.19	364.19	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	418017	5422027	0.05992	343.69	351	0	MONTH	TMA	1ST	12/31/1997 24 hr
TMA	418017	5422860	0.05695	363.82	363.82	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	418017	5423693	0.05642	361.57	361.57	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	418989	5422027	0.07546	361	361	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	418989	5422860	0.06962	344.52	344.52	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	418989	5423693	0.06338	354.77	354.77	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	419961	5422027	0.08455	349	349	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	419961	5422860	0.07285	343.48	343.48	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	419961	5423693	0.06389	360	360	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420934	5422027	0.08834	366.69	366.69	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420934	5422860	0.07585	351	351	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	420934	5423693	0.06659	355.19	355.19	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421906	5422027	0.09867	355.05	355.05	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421906	5422860	0.08599	351	351	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	421906	5423693	0.0763	360	360	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422878	5422027	0.1053	373.63	373.63	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422878	5422860	0.09287	357	357	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	422878	5423693	0.08291	360.28	360.28	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423850	5422027	0.09873	379.96	379.96	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423850	5422860	0.08709	355.8	355.8	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	423850	5423693	0.07819	368.01	368.01	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	424822	5422027	0.08263	364.2	364.2	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	424822	5422860	0.07538	361.94	361.94	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	424822	5423693	0.06868	374	374	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	425795	5422027	0.07862	367	367	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425795	5422860	0.06456	366	366	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	425795	5423693	0.05533	366.05	366.05	0	MONTH	TMA	1ST	2/28/1998 24 hr
TMA	426767	5422027	0.08854	368.71	368.71	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426767	5422860	0.07552	370	370	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	426767	5423693	0.06439	367	367	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	427739	5422027	0.08778	381.56	381.56	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	427739	5422860	0.0779	365	365	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	427739	5423693	0.06874	366	366	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	428711	5422027	0.08177	360.65	360.65	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	428711	5422860	0.07501	369.42	370	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	428711	5423693	0.06688	380.79	380.79	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	429684	5422027	0.06577	351	351	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	429684	5422860	0.06748	351.04	351.04	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	429684	5423693	0.06415	364.07	364.07	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	430656	5422027	0.04873	346	346	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	430656	5422860	0.05245	352	352	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	430656	5423693	0.05614	351.48	351.48	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	431628	5422027	0.03983	351.82	351.82	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	431628	5422860	0.04049	349.61	349.61	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	431628	5423693	0.04189	339	339	0	MONTH	TMA	1ST	2/29/2000 24 hr
TMA	429961	5421193	0.05689	355.45	355.45	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	429961	5420221	0.05582	362	362	0	MONTH	TMA	1ST	1/31/1996 24 hr
TMA	429961	5419249	0.05634	374.41	374.41	0	MONTH	TMA	1ST	12/31/1999 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	429961	5418277	0.06353	371	371	0 MONTH	TMA	1ST		12/31/1999 24 hr
TMA	429961	5417304	0.07283	371	371	0 MONTH	TMA	1ST		12/31/1998 24 hr
TMA	429961	5416332	0.09512	378	378	0 MONTH	TMA	1ST		12/31/1998 24 hr
TMA	429961	5413415	0.10838	390	390	0 MONTH	TMA	1ST		12/31/1998 24 hr
TMA	429961	5407582	0.06257	359	359	0 MONTH	TMA	1ST		4/30/1996 24 hr
TMA	429961	5406610	0.06235	361.02	361.02	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	429961	5405638	0.05877	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	429961	5404665	0.0596	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	429961	5403693	0.05812	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	430795	5421193	0.04674	358	358	0 MONTH	TMA	1ST		1/31/1996 24 hr
TMA	430795	5420221	0.04769	362	362	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	430795	5419249	0.05137	370	370	0 MONTH	TMA	1ST		12/31/1999 24 hr
TMA	430795	5418277	0.05468	370	370	0 MONTH	TMA	1ST		12/31/1998 24 hr
TMA	430795	5417304	0.0679	385.02	385.02	0 MONTH	TMA	1ST		12/31/1998 24 hr
TMA	430795	5416332	0.0845	389.42	390	0 MONTH	TMA	1ST		12/31/1998 24 hr
TMA	430795	5413415	0.09051	378	378	0 MONTH	TMA	1ST		12/31/1998 24 hr
TMA	430795	5409527	0.07651	381	381	0 MONTH	TMA	1ST		1/31/1996 24 hr
TMA	430795	5408554	0.06415	366.09	366.09	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	430795	5406610	0.05272	372.63	372.63	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	430795	5405638	0.05151	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	430795	5404665	0.04828	365	365	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	430795	5403693	0.04988	362	362	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	431628	5421193	0.041	369.26	369.26	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	431628	5420221	0.0414	370	370	0 MONTH	TMA	1ST		12/31/1999 24 hr
TMA	431628	5419249	0.04724	365.51	365.51	0 MONTH	TMA	1ST		12/31/1999 24 hr
TMA	431628	5418277	0.05286	370.11	392	0 MONTH	TMA	1ST		12/31/1998 24 hr
TMA	431628	5417304	0.0654	373	391	0 MONTH	TMA	1ST		12/31/1998 24 hr
TMA	431628	5416332	0.0769	382.43	382.43	0 MONTH	TMA	1ST		12/31/1998 24 hr
TMA	431628	5415360	0.08779	378.88	378.88	0 MONTH	TMA	1ST		12/31/1998 24 hr
TMA	431628	5414388	0.08689	379	379	0 MONTH	TMA	1ST		12/31/1998 24 hr
TMA	431628	5413415	0.0765	376	376	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	431628	5412443	0.07682	380	380	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	431628	5411471	0.0763	382	382	0 MONTH	TMA	1ST		12/31/1998 24 hr
TMA	431628	5409527	0.07236	381	381	0 MONTH	TMA	1ST		1/31/1996 24 hr
TMA	431628	5408554	0.05563	361	361	0 MONTH	TMA	1ST		1/31/1996 24 hr
TMA	431628	5407582	0.05354	368.07	368.07	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	431628	5406610	0.04785	378	378	0 MONTH	TMA	1ST		10/31/1999 24 hr
TMA	431628	5405638	0.04489	368.84	368.84	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	431628	5404665	0.04325	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	431628	5403693	0.03979	379.57	379.57	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	429128	5405360	0.07223	363	363	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	429128	5404527	0.06734	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	429128	5403693	0.05776	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	428156	5405360	0.07839	362	362	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	428156	5404527	0.0661	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	428156	5403693	0.05807	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	427184	5405360	0.08026	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	427184	5404527	0.07054	367.45	367.45	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	427184	5403693	0.06037	366.53	366.53	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	426211	5405360	0.08363	363.02	363.02	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	426211	5404527	0.06768	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	426211	5403693	0.05512	367.92	367.92	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	425239	5405360	0.07546	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	425239	5404527	0.06128	369.22	369.22	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	425239	5403693	0.05181	364.64	364.64	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	424267	5405360	0.06799	361	361	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	424267	5404527	0.05637	361.96	361.96	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	424267	5403693	0.04758	364.64	364.64	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	423295	5405360	0.07895	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	423295	5404527	0.06798	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	423295	5403693	0.05942	363	363	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	422322	5405360	0.10032	355	355	0 MONTH	TMA	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422322	5404527	0.08492	354	354	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	422322	5403693	0.07352	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	421350	5404527	0.09606	356.96	356.96	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	421350	5403693	0.08211	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	420378	5405360	0.11702	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	420378	5404527	0.10108	349.55	349.55	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	420378	5403693	0.08878	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419406	5405360	0.10252	352	352	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419406	5404527	0.08976	352	352	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	419406	5403693	0.08023	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	418434	5405360	0.08394	343.7	343.7	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	418434	5404527	0.07698	351	351	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	418434	5403693	0.0695	344.26	344.26	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	417461	5405360	0.0683	349.41	349.41	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	417461	5404527	0.06233	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	417461	5403693	0.05732	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	416489	5405360	0.06634	349	349	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	416489	5404527	0.05566	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	416489	5403693	0.0498	348	348	0 MONTH	TMA	1ST		12/31/2000 24 hr
TMA	415517	5405360	0.06027	349.67	349.67	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	415517	5404527	0.05753	352.74	352.74	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	415517	5403693	0.04936	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	414545	5405360	0.04761	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	414545	5404527	0.04717	349	349	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	414545	5403693	0.04827	348	348	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	413572	5405360	0.04492	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	413572	5404527	0.03898	342.07	342.07	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	413572	5403693	0.03728	347.01	347.01	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	412600	5405360	0.0415	339.29	339.29	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	412600	5404527	0.03797	337	337	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	412600	5403693	0.03303	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	411628	5405360	0.03682	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	411628	5404527	0.0352	339.78	339.78	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	411628	5403693	0.03282	338	338	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	413295	5406193	0.0482	348.65	348.65	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	413295	5407165	0.05559	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	413295	5408138	0.07231	345	345	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	413295	5409110	0.0731	358.76	358.76	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	413295	5410082	0.08015	358	358	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	413295	5411054	0.08368	355	355	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	413295	5412027	0.07534	356	356	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	413295	5412999	0.07496	359	359	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	413295	5413971	0.07665	365.12	365.12	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	413295	5414943	0.05995	353.61	353.61	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	413295	5415915	0.05478	351	351	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	413295	5416888	0.04742	353	353	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	413295	5417860	0.0508	355	355	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	413295	5418832	0.05399	357	357	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	413295	5419804	0.05403	358.67	358.67	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	413295	5420777	0.04903	359	359	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	413295	5421749	0.04202	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	413295	5422721	0.0374	361	361	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	413295	5423693	0.03791	359.14	359.14	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	412461	5406193	0.04327	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
TMA	412461	5407165	0.05798	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	412461	5408138	0.06359	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	412461	5409110	0.06274	355.04	355.04	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	412461	5410082	0.07103	355.14	355.14	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	412461	5411054	0.07255	354	354	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	412461	5412027	0.06391	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	412461	5412999	0.06357	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	412461	5413971	0.06814	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	412461	5414943	0.05446	351	351	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	412461	5415915	0.04776	350	350	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	412461	5416888	0.04504	354	354	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	412461	5417860	0.0421	354	354	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	412461	5418832	0.04524	356	356	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	412461	5419804	0.04776	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	412461	5420777	0.04586	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	412461	5421749	0.04124	355	355	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	412461	5422721	0.03554	353	353	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	412461	5423693	0.03283	361	361	0 MONTH	TMA	1ST		1/31/2000 24 hr
TMA	411628	5406193	0.04429	345	345	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	411628	5407165	0.05553	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	411628	5408138	0.05451	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	411628	5409110	0.05551	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	411628	5410082	0.06295	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	411628	5411054	0.06332	353.58	353.58	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	411628	5412027	0.05498	356	356	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	411628	5412999	0.05427	353.13	353.13	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	411628	5413971	0.06094	353.37	353.37	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	411628	5414943	0.05004	349.88	349.88	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	411628	5415915	0.04117	359.68	359.68	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	411628	5416888	0.04244	360.86	360.86	0 MONTH	TMA	1ST		12/31/1997 24 hr
TMA	411628	5417860	0.03513	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	411628	5418832	0.03805	357	357	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	411628	5419804	0.04108	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	411628	5420777	0.04196	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	411628	5421749	0.03906	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	411628	5422721	0.03531	361.2	361.2	0 MONTH	TMA	1ST		1/31/1998 24 hr
TMA	411628	5423693	0.03049	350	350	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	424480	5408573	0.19235	348	348	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424480	5408523	0.18919	348.55	348.55	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424480	5408473	0.18603	349	349	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424480	5408423	0.18302	349.87	349.87	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424480	5408373	0.17985	350	350	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424480	5408323	0.17687	350.68	350.68	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424480	5408273	0.17393	351.34	351.34	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424430	5408573	0.19205	348	348	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424430	5408523	0.18885	348.58	348.58	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424430	5408473	0.18563	349	349	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424430	5408423	0.18262	350	350	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424430	5408373	0.1794	350.05	350.05	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424430	5408323	0.17646	351	351	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424430	5408273	0.17358	352	352	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424380	5408573	0.19167	348	348	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424380	5408523	0.18844	348.61	348.61	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424380	5408473	0.18518	349	349	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424380	5408423	0.18213	350	350	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424380	5408373	0.17913	351	351	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424380	5408323	0.176	351.24	351.24	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424380	5408273	0.17314	352.4	352.4	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426976	5407714	0.12752	350	350	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426976	5407615	0.12505	350.8	350.8	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426976	5407517	0.12271	352.28	352.28	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426976	5407418	0.12062	356.47	356.47	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426976	5407319	0.11846	360.1	360.1	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426976	5407221	0.11634	365.35	365.35	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426976	5407122	0.11414	369.63	369.63	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426976	5407023	0.11196	371	371	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427072	5407714	0.12634	350	350	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427072	5407615	0.1239	350	350	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427072	5407517	0.12151	350	350	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427072	5407418	0.11936	352.13	362	0 MONTH	TMA	1ST		12/31/1997 24 hr



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	427072	5407319	0.11773	362.04	362.04	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427072	5407221	0.11552	364.17	364.17	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427072	5407122	0.11332	366.09	366.09	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427072	5407023	0.11119	368	368	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427168	5407714	0.12509	351	351	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427168	5407615	0.12271	350	350	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427168	5407517	0.12046	350	350	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427168	5407418	0.1182	350	361	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427168	5407319	0.11651	355.95	361	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427168	5407221	0.11446	358.24	358.24	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427168	5407122	0.11244	361.42	361.42	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427168	5407023	0.1104	363.55	363.55	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427265	5407714	0.12391	354.98	354.98	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427265	5407615	0.12164	352.85	352.85	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427265	5407517	0.11937	351	351	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427265	5407418	0.11715	350	350	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427265	5407319	0.11534	352.94	352.94	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427265	5407221	0.1136	357.79	357.79	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427265	5407122	0.11162	360	360	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427265	5407023	0.1096	360.72	360.72	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427361	5407714	0.12232	358.39	358.39	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427361	5407615	0.12033	356.25	356.25	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427361	5407517	0.11813	352.64	352.64	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427361	5407418	0.11594	350	350	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427361	5407319	0.11418	351.93	351.93	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427361	5407221	0.11243	354.41	354.41	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427361	5407122	0.11064	357.1	357.1	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427361	5407023	0.10883	360	360	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427457	5407714	0.12032	361	361	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427457	5407615	0.11864	358.98	358.98	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427457	5407517	0.11673	355.42	355.42	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427457	5407418	0.11473	352.23	352.23	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427457	5407319	0.11286	351	351	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427457	5407221	0.11115	352	352	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427457	5407122	0.10948	353.97	353.97	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427457	5407023	0.10793	358.55	358.55	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427553	5407714	0.11791	362	362	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427553	5407615	0.11654	360	360	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427553	5407517	0.11504	358.25	358.25	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427553	5407418	0.11356	358.56	358.56	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427553	5407319	0.11176	355.17	355.17	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427553	5407221	0.10991	352.25	352.25	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427553	5407122	0.10814	351	351	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427553	5407023	0.10668	353.88	353.88	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427649	5407714	0.11526	364.04	364.04	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427649	5407615	0.11421	362.25	362.25	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427649	5407517	0.11316	364.29	364.29	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427649	5407418	0.11192	364.9	364.9	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427649	5407319	0.11045	361.58	366	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427649	5407221	0.10892	359.57	359.57	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427649	5407122	0.10697	352.5	361	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427649	5407023	0.10545	352.5	352.5	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427745	5407517	0.11082	369.72	369.72	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427745	5407418	0.1098	371	371	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427745	5407319	0.1087	369.08	369.08	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427745	5407221	0.10738	363.91	363.91	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427745	5407122	0.10573	356.34	362	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427745	5407023	0.10412	352.45	352.45	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427842	5407517	0.10814	371.09	371.09	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427842	5407418	0.10736	372	372	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427842	5407319	0.10651	370.39	370.39	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427842	5407221	0.10551	367.13	367.13	0	MONTH	TMA	1ST	12/31/1997 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	427842	5407122	0.10418	359.72	359.72	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427842	5407023	0.10255	352	352	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427938	5407517	0.1053	371.85	371.85	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427938	5407418	0.10476	371	371	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427938	5407319	0.10412	369.44	369.44	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427938	5407221	0.10326	364.3	364.3	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427938	5407122	0.10217	358.83	358.83	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427938	5407023	0.10085	352.66	352.66	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428034	5407517	0.10238	370.57	370.57	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428034	5407418	0.102	371	371	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428034	5407319	0.10155	368.49	368.49	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428034	5407221	0.10087	363.72	363.72	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428034	5407122	0.10001	358.93	358.93	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428034	5407023	0.09896	353.71	353.71	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428130	5407517	0.09942	370	370	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428130	5407418	0.09918	370	370	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428130	5407319	0.09884	367.55	367.55	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428130	5407221	0.09831	362.59	362.59	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428130	5407122	0.09762	357.97	357.97	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428130	5407023	0.09676	352.97	352.97	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426880	5407696	0.12848	353.15	353.15	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426880	5407600	0.126	354.09	354.09	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426880	5407504	0.12366	355.99	355.99	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426880	5407408	0.12139	358.33	358.33	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426880	5407312	0.11925	362.3	362.3	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426880	5407216	0.11713	367.62	367.62	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426880	5407119	0.11493	370.93	370.93	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426880	5407023	0.1128	372.97	372.97	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426781	5407696	0.12983	356	356	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426781	5407600	0.12728	357.04	357.04	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426781	5407504	0.12485	358.56	358.56	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426781	5407408	0.12251	360.61	360.61	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426781	5407312	0.12032	364.81	364.81	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426781	5407216	0.11812	369.68	369.68	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426781	5407119	0.11591	372	372	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426781	5407023	0.11379	374	374	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426683	5407696	0.13119	359.06	359.06	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426683	5407600	0.12858	359.98	359.98	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426683	5407504	0.1261	361.25	361.25	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426683	5407408	0.12375	363.89	363.89	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426683	5407312	0.12149	367.43	367.43	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426683	5407216	0.11924	370	370	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426683	5407119	0.11704	371.94	371.94	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426683	5407023	0.11487	374.04	374.04	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426584	5407696	0.13256	361.53	361.53	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426584	5407600	0.12994	362.53	362.53	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426584	5407504	0.1274	362.88	362.88	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426584	5407408	0.12501	364.48	364.48	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426584	5407312	0.12273	367.47	367.47	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426584	5407216	0.12049	369.98	369.98	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426584	5407119	0.11828	371.96	371.96	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426584	5407023	0.11614	374.1	374.1	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426485	5407696	0.13408	365.1	365.1	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426485	5407600	0.13146	366.91	366.91	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426485	5407504	0.1289	366.8	366.8	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426485	5407408	0.12639	364.84	364.84	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426485	5407312	0.12404	364.7	364.7	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426485	5407216	0.12184	368.85	368.85	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426485	5407119	0.11959	372.01	372.01	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426485	5407023	0.11746	375.06	375.06	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426387	5407696	0.13566	368.41	368.41	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426387	5407600	0.13299	370	370	0	MONTH	TMA	1ST	12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	426387	5407504	0.13042	371	371	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426387	5407408	0.12795	368.39	368.39	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426387	5407312	0.12553	366.06	366.06	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426387	5407216	0.12323	370.9	370.9	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426387	5407119	0.1209	373	373	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426387	5407023	0.11878	375.21	375.21	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426288	5407696	0.13728	370.89	370.89	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426288	5407600	0.13455	373.78	373.78	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426288	5407504	0.13199	372.5	372.5	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426288	5407408	0.12949	368.33	368.33	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426288	5407312	0.12702	367.43	367.43	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426288	5407216	0.12461	370.96	370.96	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426288	5407119	0.12217	373	373	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426288	5407023	0.11995	374.27	374.27	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426189	5407696	0.13884	376.58	376.58	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426189	5407600	0.1362	376.59	376.59	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426189	5407504	0.13359	372.44	372.44	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426189	5407408	0.13101	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426189	5407312	0.12845	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426189	5407216	0.12591	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426189	5407119	0.12334	372	372	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426189	5407023	0.12077	373.32	373.32	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426091	5407696	0.14037	381	381	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426091	5407600	0.13799	376.7	376.7	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426091	5407504	0.13517	370.39	370.39	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426091	5407408	0.13245	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426091	5407312	0.12976	369.4	369.4	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426091	5407216	0.12706	370.02	370.02	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426091	5407119	0.12434	371.24	371.24	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426091	5407023	0.12162	373	373	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425992	5407696	0.14252	376.16	376.16	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425992	5407600	0.13963	374.34	374.34	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425992	5407504	0.13662	370.33	370.33	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425992	5407408	0.13375	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425992	5407312	0.13089	369.11	369.11	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425992	5407216	0.12803	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425992	5407119	0.12515	371.08	371.08	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425992	5407023	0.12229	372.64	372.64	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425893	5407696	0.14399	371.62	371.62	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425893	5407600	0.14093	371.42	371.42	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425893	5407504	0.1379	369.27	369.27	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425893	5407408	0.13485	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425893	5407312	0.13183	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425893	5407216	0.12881	369.05	369.05	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425893	5407119	0.12578	370.35	370.35	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425893	5407023	0.12279	372.49	372.49	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425794	5407696	0.14542	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425794	5407600	0.14221	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425794	5407504	0.13899	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425794	5407408	0.13573	366.01	366.01	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425794	5407312	0.13253	366.02	366.02	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425794	5407216	0.1294	368.24	368.24	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425794	5407119	0.12624	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425794	5407023	0.12316	372	372	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425696	5407696	0.14656	364.24	364.24	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425696	5407600	0.14317	364.51	364.51	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425696	5407504	0.13974	363.59	363.59	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425696	5407408	0.1363	362.68	362.68	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425696	5407312	0.13302	364.12	364.12	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425696	5407216	0.12978	366.3	366.3	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425696	5407119	0.12656	368.96	368.96	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425696	5407023	0.12341	370.61	370.61	0 MONTH	TMA	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	425597	5407696	0.14723	358.97	358.97	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425597	5407600	0.14366	359.06	359.06	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425597	5407504	0.14018	360	360	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425597	5407408	0.13671	361.05	361.05	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425597	5407312	0.13333	363	363	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425597	5407216	0.13001	365.14	365.14	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425597	5407119	0.12673	367.25	367.25	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425597	5407023	0.12356	368.85	368.85	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425498	5407696	0.14811	360	360	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425498	5407600	0.14437	360.32	360.32	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425498	5407504	0.14069	361	361	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425498	5407408	0.13708	362.32	362.32	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425498	5407312	0.13357	364.04	364.04	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425498	5407216	0.13012	365.06	365.06	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425498	5407119	0.12678	366	366	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425498	5407023	0.1236	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425400	5407696	0.14871	361	361	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425400	5407600	0.14484	361.98	361.98	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425400	5407504	0.14102	363.01	363.01	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425400	5407408	0.1373	365.12	365.12	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425400	5407312	0.13369	367.19	367.19	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425400	5407216	0.13019	368.74	368.74	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425400	5407119	0.1268	369.79	369.79	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425400	5407023	0.12358	369.34	369.34	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425301	5407696	0.14902	361.78	361.78	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425301	5407600	0.14501	363	363	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425301	5407504	0.14111	365.07	365.07	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425301	5407408	0.13729	367.23	367.23	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425301	5407312	0.1336	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425301	5407216	0.13006	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425301	5407119	0.12666	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425301	5407023	0.12343	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424413	5408177	0.16803	354	354	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424413	5408081	0.16284	356	356	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424413	5407985	0.15788	358	358	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424413	5407889	0.15309	359.98	359.98	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424413	5407792	0.14866	366.77	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424413	5407696	0.14394	373.85	373.85	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424413	5407600	0.13958	376.64	376.64	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424413	5407504	0.13504	375.3	375.3	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424413	5407408	0.13032	372.2	372.2	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424413	5407312	0.12592	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424413	5407216	0.12157	368.94	368.94	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424413	5407119	0.11728	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424413	5407023	0.11312	365.15	365.15	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424314	5408177	0.16695	354	354	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424314	5408081	0.16173	355.75	355.75	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424314	5407985	0.15667	357	357	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424314	5407889	0.15174	358.04	358.04	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424314	5407792	0.14702	360.23	373	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424314	5407696	0.1426	367.81	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424314	5407600	0.13781	372.59	372.59	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424314	5407504	0.13311	372.1	372.1	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424314	5407408	0.12847	370.07	370.07	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424314	5407312	0.12391	367.47	367.47	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424314	5407216	0.11944	365.95	365.95	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424314	5407119	0.1151	364.62	364.62	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424314	5407023	0.11097	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424216	5408177	0.16576	354	354	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424216	5408081	0.1604	355	355	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424216	5407985	0.15539	356.95	356.95	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424216	5407889	0.15035	358	358	0 MONTH	TMA	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	424216	5407792	0.14537	359	359	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424216	5407696	0.14068	362.68	362.68	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424216	5407600	0.13594	367.29	367.29	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424216	5407504	0.13109	367.82	367.82	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424216	5407408	0.12627	365.91	365.91	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424216	5407312	0.12154	363	363	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424216	5407216	0.11711	363	363	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424216	5407119	0.11289	364.27	364.27	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424216	5407023	0.1089	365.35	365.35	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424117	5408177	0.16436	354	354	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424117	5408081	0.15908	355.87	355.87	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424117	5407985	0.15382	357	357	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424117	5407889	0.14862	358	358	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424117	5407792	0.14349	359.32	359.32	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424117	5407696	0.13844	360.57	360.57	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424117	5407600	0.1334	361	361	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424117	5407504	0.12848	361.37	361.37	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424117	5407408	0.12371	362	362	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424117	5407312	0.1192	363.53	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424117	5407216	0.11494	367.37	367.37	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424117	5407119	0.11079	368.29	368.29	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424117	5407023	0.10691	368.2	368.2	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424018	5408177	0.16294	355.51	355.51	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424018	5408081	0.15737	356.55	356.55	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424018	5407985	0.15191	357.54	357.54	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424018	5407889	0.14648	358.21	358.21	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424018	5407792	0.14112	359	359	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424018	5407696	0.13592	360	360	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424018	5407600	0.13096	362.67	362.67	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424018	5407504	0.12613	365.89	365.89	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424018	5407408	0.1214	368.97	368.97	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424018	5407312	0.11688	370.91	370.91	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424018	5407216	0.11264	371	371	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424018	5407119	0.10865	371	371	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424018	5407023	0.10497	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423919	5408177	0.16127	358	358	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423919	5408081	0.15533	358	358	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423919	5407985	0.14953	358	358	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423919	5407889	0.14385	358	358	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423919	5407792	0.13839	359	359	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423919	5407696	0.13319	360.88	360.88	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423919	5407600	0.12827	364.73	364.73	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423919	5407504	0.12346	368.87	368.87	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423919	5407408	0.11879	371.04	371.04	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423919	5407312	0.11444	372	372	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423919	5407216	0.11041	372	372	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423919	5407119	0.10664	372	372	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423919	5407023	0.10317	371	371	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423821	5408177	0.15906	360	360	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423821	5408081	0.15278	359	359	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423821	5407985	0.14668	358	358	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423821	5407889	0.14085	357.67	357.67	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423821	5407792	0.13543	359.5	359.5	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423821	5407696	0.13029	361.94	361.94	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423821	5407600	0.12543	365.79	365.79	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423821	5407504	0.1209	369	369	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423821	5407408	0.11755	371.1	371.1	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423821	5407312	0.11432	372	372	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423821	5407216	0.1112	371.72	371.72	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423821	5407119	0.10811	371	371	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423821	5407023	0.10499	371	371	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423722	5408177	0.15609	359.06	359.06	0 MONTH	TMA	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	423722	5408081	0.14963	358	358	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	423722	5407985	0.14334	356.35	356.35	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	423722	5407889	0.13762	357	357	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	423722	5407792	0.13404	358.55	358.55	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423722	5407696	0.13059	360	360	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423722	5407600	0.12744	363.84	363.84	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423722	5407504	0.12422	368	368	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423722	5407408	0.12067	370.1	370.1	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423722	5407312	0.11712	370.74	370.74	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423722	5407216	0.11372	370	370	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423722	5407119	0.11027	369.91	369.91	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423722	5407023	0.10689	370	370	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423623	5408177	0.15496	357	357	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423623	5408081	0.15024	356	356	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423623	5407985	0.14594	356	356	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423623	5407889	0.14196	356.87	356.87	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423623	5407792	0.13809	358	358	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423623	5407696	0.13442	360.04	360.04	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423623	5407600	0.13093	363.9	363.9	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423623	5407504	0.12729	367.05	367.05	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423623	5407408	0.12353	369	369	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423623	5407312	0.1197	369	369	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423623	5407216	0.11588	368	368	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423623	5407119	0.11212	367	367	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423623	5407023	0.10851	366.54	366.54	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423525	5408177	0.15949	355	355	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423525	5408081	0.15476	355	355	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423525	5407985	0.15022	355	355	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423525	5407889	0.14597	356	356	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423525	5407792	0.14187	357.67	357.67	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423426	5408177	0.16374	353	353	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423426	5408081	0.15897	354	354	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423426	5407985	0.1541	354	354	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423426	5407889	0.14961	355.56	355.56	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423426	5407792	0.14539	358.78	372	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423327	5408177	0.16785	352	352	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423327	5408081	0.1626	352.5	352.5	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423327	5407985	0.15745	353	353	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423327	5407889	0.15269	355	378	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423327	5407792	0.14846	360.58	380	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423229	5408177	0.17238	354.3	354.3	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423229	5408081	0.16668	355	355	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423229	5407985	0.16108	355.59	355.59	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423229	5407889	0.15589	357.72	381	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423229	5407792	0.15156	367.49	380	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423130	5408177	0.17628	356	356	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423130	5408081	0.17015	357	357	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423130	5407985	0.16419	357.83	357.83	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423130	5407889	0.15875	360.74	380	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	424284	5408273	0.17205	352.46	352.46	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	424284	5408372	0.17794	351	351	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	424284	5408471	0.18396	349	349	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	424284	5408569	0.19039	347.79	347.79	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	424188	5408273	0.17073	352	352	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	424188	5408372	0.1765	350.26	350.26	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	424188	5408471	0.18271	349	349	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	424188	5408569	0.18895	347.04	347.04	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	424092	5408273	0.16955	353	353	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	424092	5408372	0.17528	351.02	351.02	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	424092	5408471	0.18155	350	350	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	424092	5408569	0.18774	347.79	347.79	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	423995	5408273	0.16825	354.72	354.72	0	MONTH	TMA	1ST	12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	423995	5408372	0.17404	352.59	352.59	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423995	5408471	0.18006	350.49	350.49	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423995	5408569	0.1861	347.85	347.85	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423899	5408273	0.16684	357.85	357.85	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423899	5408372	0.17273	355.06	355.06	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423899	5408471	0.17844	351.16	351.16	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423899	5408569	0.18457	348.73	348.73	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423803	5408273	0.16486	360	360	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423803	5408372	0.17107	357.44	357.44	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423803	5408471	0.17673	352.21	352.21	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423803	5408569	0.18304	349.96	349.96	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423707	5408273	0.16211	358.98	358.98	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423707	5408372	0.16849	356.34	356.34	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423707	5408471	0.17457	352.27	352.27	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423707	5408569	0.18102	350.01	350.01	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423611	5408273	0.16016	355.94	355.94	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423611	5408372	0.16523	353.6	353.6	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423611	5408471	0.17187	351.33	351.33	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423611	5408569	0.17879	350	350	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423515	5408273	0.16451	353.29	353.29	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423515	5408372	0.16947	352	352	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423515	5408471	0.17481	351	351	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423515	5408569	0.18044	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423418	5408273	0.16898	352	352	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423418	5408372	0.17419	351	351	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423418	5408471	0.1798	350.37	350.37	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423418	5408569	0.18578	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423322	5408273	0.17327	351	351	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423322	5408372	0.17906	351	351	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423322	5408471	0.18513	351	351	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423322	5408569	0.19117	350.13	350.13	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423226	5408273	0.17836	354	354	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423226	5408372	0.18434	353	353	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423226	5408471	0.19051	352	352	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423226	5408569	0.19693	351.25	351.25	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423130	5408273	0.18253	355.12	355.12	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423130	5408372	0.18924	354.82	354.82	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423130	5408471	0.19588	353.62	353.62	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423130	5408569	0.20283	353	353	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423530	5415023	0.61025	394	394	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	423730	5415023	0.56486	395.63	395.63	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	423930	5415023	0.51866	396.34	396.34	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424130	5414623	0.52919	400	400	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424130	5414823	0.50716	397.55	397.55	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424130	5415023	0.46439	398	398	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424330	5414623	0.49032	399.72	399.72	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424330	5414823	0.4532	400	400	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424330	5415023	0.43809	397	397	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424530	5414623	0.49788	393.92	393.92	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424530	5414823	0.46553	394.09	394.09	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424530	5415023	0.43125	393.27	393.27	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424730	5414623	0.48773	388	388	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424730	5414823	0.46261	387	387	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424730	5415023	0.42919	386.18	386.18	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424930	5414223	0.56161	386	386	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	424930	5414423	0.49363	388.43	388.43	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	424930	5414623	0.4377	390.27	390.27	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424930	5414823	0.42702	387.3	387.3	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424930	5415023	0.40986	381	381	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	425130	5414223	0.49554	392.46	395	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	425130	5414423	0.4753	383	383	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	425130	5414623	0.41509	387	387	0 MONTH	TMA	1ST		12/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	425130	5414823	0.39576	384.85	384.85	0	MONTH	TMA	1ST	2/29/2000 24 hr
MINE	425130	5415023	0.37942	381	381	0	MONTH	TMA	1ST	2/29/2000 24 hr
MINE	425330	5414223	0.47881	384.97	384.97	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	425330	5414423	0.44561	381	381	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	425330	5414623	0.40074	382.16	382.16	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	425330	5414823	0.36098	381	381	0	MONTH	TMA	1ST	2/29/2000 24 hr
MINE	425330	5415023	0.34887	378	378	0	MONTH	TMA	1ST	2/29/2000 24 hr
MINE	425530	5414223	0.44038	382	382	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	425530	5414423	0.41183	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	425530	5414623	0.37792	379	379	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	425530	5414823	0.3416	379	379	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	425530	5415023	0.31607	378	378	0	MONTH	TMA	1ST	2/29/2000 24 hr
MINE	425730	5414223	0.40272	381	381	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	425730	5414423	0.37885	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	425730	5414623	0.3513	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	425730	5414823	0.3207	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	425730	5415023	0.29197	379	379	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	425930	5414223	0.37202	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	425930	5414423	0.34886	381	381	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	425930	5414623	0.32544	382	382	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	425930	5414823	0.30071	381	381	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	425930	5415023	0.27591	379	379	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426130	5414223	0.34639	380.57	380.57	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426130	5414423	0.32446	382	382	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426130	5414623	0.30222	384	384	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426130	5414823	0.28044	383.86	383.86	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426130	5415023	0.25969	381.47	381.47	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426330	5414223	0.3249	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426330	5414423	0.30593	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426330	5414623	0.28577	381.87	381.87	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426330	5414823	0.26338	385.51	385.51	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426330	5415023	0.2416	387.56	387.56	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426530	5414223	0.30607	378	378	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426530	5414423	0.28893	379	379	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426530	5414623	0.27091	381	381	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426530	5414823	0.24934	386.94	386.94	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426530	5415023	0.22808	390	390	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426730	5414223	0.28865	378	378	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426730	5414423	0.27332	378.61	378.61	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426730	5414623	0.25748	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426730	5414823	0.23802	386.74	386.74	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426730	5415023	0.21924	389.16	389.16	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426930	5414223	0.27276	378.5	378.5	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426930	5414423	0.25911	379	379	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426930	5414623	0.24487	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426930	5414823	0.2292	383	383	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	426930	5415023	0.2128	385	385	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427130	5414223	0.2576	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427130	5414423	0.24614	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427130	5414623	0.23319	381	381	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427130	5414823	0.21954	382	382	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427130	5415023	0.20467	384	384	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427330	5414223	0.24323	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427330	5414423	0.23395	381	381	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427330	5414623	0.22267	381.79	381.79	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427330	5414823	0.21041	382.06	382.06	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427330	5415023	0.19701	383	383	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427530	5414223	0.22884	383	383	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427530	5414423	0.22184	383	383	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427530	5414623	0.21269	383	383	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427530	5414823	0.20213	382	382	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427530	5415023	0.19017	381.28	381.28	0	MONTH	TMA	1ST	12/31/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	427730	5414223	0.2137	388.65	388.65	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427730	5414423	0.20949	386.28	386.28	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427730	5414623	0.20236	386	386	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427730	5414823	0.19354	385	385	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427730	5415023	0.18308	383.26	383.26	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427930	5414223	0.19808	394.48	400	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427930	5414423	0.19956	384	384	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427930	5414623	0.19451	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427930	5414823	0.18693	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	427930	5415023	0.1773	381	381	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428130	5414223	0.18323	399.38	399.38	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428130	5414423	0.1878	388.75	388.75	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428130	5414623	0.18534	381.08	381.08	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428130	5414823	0.17933	379	379	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428130	5415023	0.17125	379.67	379.67	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428330	5414223	0.17862	392.58	411	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428330	5414423	0.17685	392	392	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428330	5414623	0.1766	382	382	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428330	5414823	0.17138	382.78	382.78	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428330	5415023	0.16495	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428530	5414223	0.16174	403.11	403.11	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428530	5414423	0.16871	390.52	390.52	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428530	5414623	0.16642	389.99	389.99	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428530	5414823	0.16192	391	391	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428530	5415023	0.15614	391	391	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428730	5414223	0.15564	401.33	401.33	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428730	5414423	0.15692	397.11	410	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428730	5414623	0.15399	399.21	399.21	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428730	5414823	0.15248	396.87	396.87	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428730	5415023	0.14592	399.35	399.35	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428930	5412623	0.13251	396	396	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428930	5412823	0.1342	395.38	395.38	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428930	5413023	0.13726	392	392	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428930	5413223	0.1403	390.08	390.08	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429130	5412623	0.12464	399	399	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429130	5412823	0.127	396.27	396.27	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429130	5413023	0.12981	391.83	391.83	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429130	5413223	0.13237	390	390	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429330	5412623	0.11819	400	400	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429330	5412823	0.11964	399.16	399.16	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429330	5413023	0.12194	395.32	395.32	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429330	5413223	0.12515	389.89	389.89	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429530	5412623	0.11333	398	398	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429530	5412823	0.11433	398	398	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429530	5413023	0.11417	400	400	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429530	5413223	0.11739	394.35	400	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429730	5412623	0.10902	394.58	394.58	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429730	5412823	0.11052	392	392	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429730	5413023	0.11132	390	390	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429730	5413223	0.11266	389	389	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429730	5413423	0.11492	391	391	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429730	5413623	0.12062	382	382	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429730	5413823	0.12462	385.87	385.87	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429730	5414023	0.12762	384.83	384.83	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429930	5412623	0.10455	392	392	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429930	5412823	0.1056	391	391	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429930	5413023	0.1063	388.2	388.2	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429930	5413223	0.10743	387.12	387.12	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429930	5413423	0.10937	390	390	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429930	5413623	0.11461	381.89	391	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429930	5413823	0.11888	381.85	381.85	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429930	5414023	0.12154	387	387	0	MONTH	TMA	1ST	12/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	430130	5412623	0.10014	390	390	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	430130	5412823	0.10206	388	388	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430130	5413023	0.10183	386	386	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430130	5413223	0.10272	384.11	384.11	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	430130	5413423	0.1052	382.36	385	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	430130	5413623	0.10917	380	380	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	430130	5413823	0.11325	381.62	381.62	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	430130	5414023	0.11629	383	383	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	430330	5412623	0.09583	389	389	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	430330	5412823	0.09877	386	386	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430330	5413023	0.09878	383	383	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430330	5413223	0.09845	380	380	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	430330	5413423	0.10051	380	380	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	430330	5413623	0.10412	378	378	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	430330	5413823	0.10768	386.26	390	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	430330	5414023	0.11056	390.05	390.05	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	430530	5413423	0.09603	379	379	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	430530	5413623	0.09931	378	378	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	430530	5413823	0.10305	378.34	378.34	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	430530	5414023	0.10592	388.07	388.07	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	430730	5413423	0.09185	378.5	378.5	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	430730	5413623	0.09485	378	378	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	430730	5413823	0.09841	379	379	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	430730	5414023	0.10156	380	380	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	430930	5413423	0.08798	378	378	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	430930	5413623	0.09071	378	378	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	430930	5413823	0.09407	379.29	379.29	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	430930	5414023	0.09716	379	379	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	431130	5413423	0.08445	377	377	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	431130	5413623	0.08687	378	378	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	431130	5413823	0.09004	377.01	377.01	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	431130	5414023	0.093	378	378	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	428330	5407423	0.09324	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428330	5407223	0.09273	359.51	359.51	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428330	5407023	0.09192	354.12	354.12	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428330	5406823	0.09139	358	358	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428330	5406623	0.09053	362	362	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428330	5406423	0.0893	364.03	364.03	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428330	5406223	0.08776	365.42	365.42	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428330	5406023	0.08594	363.67	363.67	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428330	5405823	0.08389	362	362	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428330	5405623	0.0816	360.27	360.27	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428330	5405423	0.07914	362	362	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428330	5405223	0.07645	364.84	364.84	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428330	5405023	0.07355	367.47	367.47	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428330	5404823	0.07057	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428330	5404623	0.06763	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428330	5404423	0.06489	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428330	5404223	0.06243	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428330	5404023	0.06029	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428530	5407423	0.08788	363.26	363.26	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428530	5407223	0.08724	355.62	355.62	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428530	5407023	0.08709	360.01	360.01	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428530	5406823	0.08675	361	361	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428530	5406623	0.08629	362	362	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428530	5406423	0.08566	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428530	5406223	0.08471	363	363	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428530	5406023	0.0835	361.72	361.72	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428530	5405823	0.08203	360	360	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428530	5405623	0.08038	361	361	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428530	5405423	0.07846	363	363	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428530	5405223	0.07623	365	365	0 MONTH	TMA	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	428530	5405023	0.07371	367.36	367.36	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428530	5404823	0.07097	369	369	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428530	5404623	0.06813	370	370	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428530	5404423	0.06531	370	370	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428530	5404223	0.06265	370	370	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428530	5404023	0.06025	370	370	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428730	5407423	0.08331	363.37	363.37	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428730	5407223	0.08238	353	353	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428730	5407023	0.08211	355.9	355.9	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428730	5406823	0.08197	361	361	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428730	5406623	0.08173	362	362	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428730	5406423	0.08143	362	362	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428730	5406223	0.08102	362	362	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428730	5406023	0.08035	360	360	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428730	5405823	0.07951	360	360	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428730	5405623	0.07845	361.18	361.18	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428730	5405423	0.07711	363	363	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428730	5405223	0.07545	365	365	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428730	5405023	0.07344	367	367	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428730	5404823	0.07112	368	368	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428730	5404623	0.06856	369	369	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428730	5404423	0.06586	370	370	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428730	5404223	0.06317	370	370	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428730	5404023	0.0606	370	370	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428930	5407423	0.07941	361.48	361.48	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428930	5407223	0.07844	354	354	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428930	5407023	0.07792	356	356	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428930	5406823	0.07757	360	360	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428930	5406623	0.07723	360	360	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428930	5406423	0.07704	360	360	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428930	5406223	0.07689	359.97	359.97	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428930	5406023	0.07667	359.25	359.25	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428930	5405823	0.07634	360	360	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428930	5405623	0.07582	361.1	361.1	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428930	5405423	0.07506	363	363	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428930	5405223	0.07398	364	364	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428930	5405023	0.07256	365.92	365.92	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428930	5404823	0.07077	366.94	366.94	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428930	5404623	0.06865	368	368	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428930	5404423	0.06627	368.43	368.43	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428930	5404223	0.06374	369	369	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428930	5404023	0.06118	369	369	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	429130	5408823	0.08464	389	389	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	429130	5408623	0.08111	389	389	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	429130	5407423	0.07599	359.59	359.59	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	429130	5407223	0.07512	355	355	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	429130	5407023	0.07443	356.68	356.68	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	429130	5406823	0.07376	358	358	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	429130	5406623	0.07321	358	358	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	429130	5406423	0.0729	359	359	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	429130	5406223	0.07279	360	360	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	429130	5406023	0.07275	360	360	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	429130	5405823	0.07273	361	361	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	429130	5405623	0.0726	361	361	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	429130	5405423	0.07234	363	363	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	429130	5405223	0.07182	364	364	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	429130	5405023	0.07099	365	365	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	429130	5404823	0.06979	366	366	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	429130	5404623	0.06822	367	367	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	429130	5404423	0.0663	368	368	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	429130	5404223	0.0641	370	370	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	429130	5404023	0.06173	370	370	0	MONTH	TMA	1ST	12/31/1997 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	429330	5408823	0.08324	384.78	384.78	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	429330	5408623	0.08016	385.38	385.38	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	429330	5407423	0.07275	357.52	357.52	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429330	5407223	0.07215	355	355	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429330	5407023	0.07143	356	356	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429330	5406823	0.07063	357	357	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429330	5406623	0.06989	358	358	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429330	5406423	0.06933	359.08	359.08	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429330	5406223	0.06898	359.33	359.33	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429330	5406023	0.06888	360	360	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429330	5405823	0.06893	361	361	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429330	5405623	0.06904	362	362	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429330	5405423	0.06908	362	362	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429330	5405223	0.06904	364.29	364.29	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429330	5405023	0.06875	366.92	366.92	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429330	5404823	0.06814	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429330	5404623	0.06715	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429330	5404423	0.06578	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429330	5404223	0.06405	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429330	5404023	0.06203	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429530	5408423	0.07603	379.99	379.99	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	429530	5408223	0.07318	377	377	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	429530	5408023	0.07018	372.71	372.71	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	429530	5407823	0.06877	365.16	365.16	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429530	5407623	0.06927	359	359	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429530	5407423	0.06951	356.81	356.81	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429530	5407223	0.06933	355.91	355.91	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429530	5407023	0.06881	357	357	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429530	5406823	0.06799	357	357	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429530	5406623	0.06717	359	359	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429530	5406423	0.06653	368.52	368.52	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429530	5406223	0.06576	360	360	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429530	5406023	0.0654	360	360	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429530	5405823	0.0653	361	361	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429530	5405623	0.0654	362	362	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429530	5405423	0.06559	363	363	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429530	5405223	0.06581	365	365	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429530	5405023	0.06592	367.24	367.24	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429530	5404823	0.06582	369.21	369.21	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429530	5404623	0.0654	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429530	5404423	0.06461	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429530	5404223	0.06343	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429530	5404023	0.06188	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429730	5408423	0.07459	378	378	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	429730	5408223	0.07189	374	374	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	429730	5408023	0.06924	369.84	369.84	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	429730	5407823	0.06631	361.19	361.19	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	429730	5407623	0.06562	358	358	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429730	5407423	0.06617	356.37	356.37	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429730	5407223	0.0664	356	356	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429730	5407023	0.06622	357	357	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429730	5406823	0.06564	358	358	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429730	5406623	0.06483	359	359	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429730	5406423	0.06407	367.04	367.04	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429730	5406223	0.06322	366.11	366.11	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429730	5406023	0.06255	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429730	5405823	0.06217	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429730	5405623	0.06204	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429730	5405423	0.06214	365	365	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429730	5405223	0.0624	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429730	5405023	0.06271	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429730	5404823	0.06296	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	429730	5404623	0.06302	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429730	5404423	0.06278	369.39	369.39	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429730	5404223	0.06217	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429730	5404023	0.06117	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429930	5408423	0.07265	373.35	373.35	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	429930	5408223	0.07055	369.56	369.56	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	429930	5408023	0.06812	363.02	363.02	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	429930	5407823	0.06547	359.29	359.29	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	429930	5407623	0.06307	358	358	0 MONTH	TMA	1ST		4/30/1996 24 hr
MINE	429930	5407423	0.06289	358.49	358.49	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429930	5407223	0.06334	356.39	356.39	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429930	5407023	0.06356	358	358	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429930	5406823	0.06332	359	359	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429930	5406623	0.06272	360.58	360.58	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429930	5406423	0.06191	363.04	363.04	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429930	5406223	0.06104	365.79	365.79	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429930	5406023	0.06022	367.78	367.78	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429930	5405823	0.05957	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429930	5405623	0.05915	366.29	366.29	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429930	5405423	0.059	366	366	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429930	5405223	0.05911	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429930	5405023	0.0594	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429930	5404823	0.05978	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429930	5404623	0.06015	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429930	5404423	0.06036	368.53	368.53	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429930	5404223	0.06027	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429930	5404023	0.05983	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430130	5408423	0.07074	371.22	371.22	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	430130	5408223	0.06901	366.78	366.78	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	430130	5408023	0.06691	361	361	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	430130	5407823	0.06458	359	359	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	430130	5407623	0.06213	360.53	360.53	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	430130	5407423	0.06021	360	360	0 MONTH	TMA	1ST		4/30/1996 24 hr
MINE	430130	5407223	0.06026	357	357	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430130	5407023	0.06073	358	358	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430130	5406823	0.06085	359	359	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430130	5406623	0.06063	363.41	363.41	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430130	5406423	0.06005	369.41	369.41	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430130	5406223	0.05918	368.17	368.17	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430130	5406023	0.05828	369.69	369.69	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430130	5405823	0.05744	370.01	370.01	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430130	5405623	0.05678	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430130	5405423	0.05635	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430130	5405223	0.05619	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430130	5405023	0.05628	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430130	5404823	0.0566	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430130	5404623	0.05704	368.37	368.37	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430130	5404423	0.0575	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430130	5404223	0.05782	367.03	367.03	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430130	5404023	0.05788	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430330	5407423	0.05899	360.24	360.24	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	430330	5407223	0.05745	357	357	0 MONTH	TMA	1ST		4/30/1996 24 hr
MINE	430330	5407023	0.05791	359.95	359.95	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430330	5406823	0.0583	362.08	362.08	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430330	5406623	0.05843	368.6	381	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430330	5406423	0.05843	380	380	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430330	5406223	0.05744	374.6	374.6	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430330	5406023	0.05645	374.95	374.95	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430330	5405823	0.05567	371.15	371.15	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430330	5405623	0.05487	369.53	369.53	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430330	5405423	0.0542	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430330	5405223	0.05376	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	430330	5405023	0.05357	367.42	367.42	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430330	5404823	0.05365	367	367	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430330	5404623	0.05397	366.1	366.1	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430330	5404423	0.05446	366	366	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430330	5404223	0.055	367	367	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430330	5404023	0.05542	369	369	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430530	5410023	0.09078	381	381	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	430530	5409823	0.08561	381	381	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	430530	5409623	0.08065	380	380	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	430530	5409423	0.07618	380	380	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	430530	5409223	0.07243	381	381	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	430530	5409023	0.06957	381	381	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	430530	5408823	0.06825	379.88	379.88	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	430530	5408623	0.06739	377.39	377.39	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	430530	5407423	0.05839	360.46	360.46	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	430530	5407223	0.05606	360.86	360.86	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	430530	5407023	0.05517	360	360	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430530	5406823	0.05574	367.66	367.66	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430530	5406623	0.05593	374	374	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430530	5406423	0.05645	379	379	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430530	5406223	0.05591	378.54	378.54	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430530	5406023	0.05491	374	374	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430530	5405823	0.05413	371	371	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430530	5405623	0.05329	369	369	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430530	5405423	0.05248	368	368	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430530	5405223	0.05181	367	367	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430530	5405023	0.05135	367	367	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430530	5404823	0.05113	366	366	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430530	5404623	0.0512	365	365	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430530	5404423	0.05153	365	365	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430530	5404223	0.05205	365	365	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430530	5404023	0.05263	365.54	365.54	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430730	5410023	0.08918	381	381	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	430730	5409823	0.08426	380	380	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	430730	5409623	0.07928	380	380	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	430730	5409423	0.07468	380.15	380.15	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	430730	5409223	0.071	377.17	377.17	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	430730	5409023	0.06793	376.24	376.24	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	430730	5408823	0.06596	374.94	374.94	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	430730	5408623	0.06518	368.41	368.41	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	430730	5407423	0.05773	362	362	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	430730	5407223	0.05564	364.94	364.94	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	430730	5407023	0.05354	365.1	365.1	0	MONTH	TMA	1ST	4/30/1996 24 hr
MINE	430730	5406823	0.05318	367.59	367.59	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430730	5406623	0.05349	372.09	372.09	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430730	5406423	0.05397	376.42	376.42	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430730	5406223	0.05379	374.16	374.16	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430730	5406023	0.05329	370.1	370.1	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430730	5405823	0.05268	369	369	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430730	5405623	0.0519	369.06	369.06	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430730	5405423	0.05106	370	370	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430730	5405223	0.05028	369	369	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430730	5405023	0.0496	367	367	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430730	5404823	0.04912	366	366	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430730	5404623	0.04888	364.57	364.57	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430730	5404423	0.04893	364	364	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430730	5404223	0.04925	363	363	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430730	5404023	0.04978	363	363	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430930	5410023	0.08762	381	381	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	430930	5409823	0.08296	380	380	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	430930	5409623	0.07816	378	378	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	430930	5409423	0.07361	377.07	377.07	0	MONTH	TMA	1ST	1/31/1996 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	430930	5409223	0.0697	375.17	375.17	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	430930	5409023	0.06662	371.64	371.64	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	430930	5408823	0.06403	369.01	369.01	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	430930	5408623	0.06288	369.88	369.88	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	430930	5407423	0.05691	362.07	362.07	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	430930	5407223	0.05508	365.99	365.99	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	430930	5407023	0.05302	369	369	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	430930	5406823	0.05132	371	371	0 MONTH	TMA	1ST		4/30/1996 24 hr
MINE	430930	5406623	0.0511	373	373	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430930	5406423	0.05136	374	374	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430930	5406223	0.05153	372	372	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430930	5406023	0.05147	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430930	5405823	0.05111	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430930	5405623	0.05052	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430930	5405423	0.04978	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430930	5405223	0.04899	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430930	5405023	0.04821	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430930	5404823	0.04753	365.31	365.31	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430930	5404623	0.04704	364.67	364.67	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430930	5404423	0.04679	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430930	5404223	0.04682	363	363	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430930	5404023	0.04714	363	363	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	431130	5410023	0.08606	381	381	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	431130	5409823	0.0817	381	381	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	431130	5409623	0.07696	380	380	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	431130	5409423	0.07231	380	380	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	431130	5409223	0.06842	375.38	375.38	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	431130	5409023	0.0652	370.75	370.75	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	431130	5408823	0.06232	371	371	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	431130	5408623	0.06064	370.5	370.5	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	431130	5408423	0.06004	367.74	367.74	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	431130	5408223	0.05943	361	361	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	431130	5408023	0.05885	359	359	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	431130	5407823	0.05817	360	360	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	431130	5407623	0.05722	361	361	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	431130	5407423	0.05596	362.31	362.31	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	431130	5407223	0.0544	366	366	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	431130	5407023	0.05256	369.7	369.7	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	431130	5406823	0.05052	371.55	371.55	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	431130	5406623	0.04921	373.87	373.87	0 MONTH	TMA	1ST		4/30/1996 24 hr
MINE	431130	5406423	0.04915	374	374	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	431130	5406223	0.04937	373	373	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	431130	5406023	0.04947	373	373	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	431130	5405823	0.0494	371	371	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	431130	5405623	0.04907	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	431130	5405423	0.04852	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	431130	5405223	0.04782	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	431130	5405023	0.04704	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	431130	5404823	0.04628	365.41	365.41	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	431130	5404623	0.04561	364.78	364.78	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	431130	5404423	0.04511	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	431130	5404223	0.04485	364.5	364.5	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	431130	5404023	0.04488	365	365	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428130	5406823	0.09555	355.87	355.87	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428130	5406623	0.09412	362	362	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428130	5406423	0.09223	366	366	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428130	5406223	0.09005	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428130	5406023	0.08766	366	366	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428130	5405823	0.08505	363	363	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428130	5405623	0.08228	362	362	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428130	5405423	0.07932	361	361	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428130	5405223	0.0763	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	428130	5405023	0.07321	366.58	366.58	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428130	5404823	0.07018	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428130	5404623	0.06736	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428130	5404423	0.06485	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428130	5404223	0.06268	369.94	369.94	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428130	5404023	0.06081	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427930	5406823	0.09928	360.98	360.98	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427930	5406623	0.09694	364.37	364.37	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427930	5406423	0.09437	368.25	368.25	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427930	5406223	0.09161	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427930	5406023	0.08874	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427930	5405823	0.0857	365	365	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427930	5405623	0.08254	363	363	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427930	5405423	0.07927	361	361	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427930	5405223	0.07605	362	362	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427930	5405023	0.07296	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427930	5404823	0.07009	366	366	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427930	5404623	0.06754	367.96	367.96	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427930	5404423	0.06533	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427930	5404223	0.06342	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427930	5404023	0.06173	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427730	5406823	0.10191	361.08	361.08	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427730	5406623	0.09897	367.72	367.72	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427730	5406423	0.09581	372	372	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427730	5406223	0.09262	372	372	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427730	5406023	0.08939	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427730	5405823	0.08605	366.74	366.74	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427730	5405623	0.08264	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427730	5405423	0.07925	361.35	361.35	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427730	5405223	0.07608	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427730	5405023	0.07311	363	363	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427730	5404823	0.07049	363	363	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427730	5404623	0.06823	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427730	5404423	0.06627	365	365	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427730	5404223	0.06451	365.12	365.12	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427730	5404023	0.06285	366	366	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427530	5406823	0.10372	359.92	359.92	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427530	5406623	0.10031	364.84	364.84	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427530	5406423	0.09683	373.47	373.47	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427530	5406223	0.09335	375.94	375.94	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427530	5406023	0.08987	371.26	371.26	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427530	5405823	0.08638	368.62	368.62	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427530	5405623	0.08285	362.99	362.99	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427530	5405423	0.07959	365.65	365.65	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427530	5405223	0.07656	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427530	5405023	0.07385	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427530	5404823	0.07148	366	366	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427530	5404623	0.0694	364.04	364.04	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427530	5404423	0.06751	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427530	5404223	0.0657	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427530	5404023	0.06389	365	365	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427330	5406823	0.10514	361	361	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427330	5406623	0.10143	364.96	364.96	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427330	5406423	0.09763	376.75	378	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427330	5406223	0.0938	380.38	380.38	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427330	5406023	0.09042	374.15	374.15	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427330	5405823	0.08692	369.44	369.44	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427330	5405623	0.08342	362	362	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427330	5405423	0.08033	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427330	5405223	0.07751	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427330	5405023	0.07502	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427330	5404823	0.07281	368.53	368.53	0 MONTH	TMA	1ST		12/31/1997 24 hr



Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	427330	5404623	0.07075	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427330	5404423	0.06873	365.96	365.96	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427330	5404223	0.06666	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427330	5404023	0.06452	364.2	364.2	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427130	5406823	0.10658	366	366	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427130	5406623	0.10258	362.99	362.99	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427130	5406423	0.09885	368.17	383	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427130	5406223	0.09509	370.56	383	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427130	5406023	0.0914	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427130	5405823	0.08782	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427130	5405623	0.08444	362.76	362.76	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427130	5405423	0.08149	366	366	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427130	5405223	0.07883	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427130	5405023	0.0764	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427130	5404823	0.07412	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427130	5404623	0.07186	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427130	5404423	0.06954	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427130	5404223	0.0671	366	366	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427130	5404023	0.06455	365	365	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426930	5406823	0.10817	372	372	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426930	5406623	0.10418	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426930	5406423	0.10024	366.8	366.8	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426930	5406223	0.09633	364.35	364.35	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426930	5406023	0.09252	362.45	362.45	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426930	5405823	0.08897	362.28	362.28	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426930	5405623	0.08576	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426930	5405423	0.08285	366.06	366.06	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426930	5405223	0.08017	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426930	5405023	0.07761	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426930	5404823	0.07505	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426930	5404623	0.07243	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426930	5404423	0.06969	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426930	5404223	0.06684	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426930	5404023	0.06391	366	366	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426730	5406823	0.10997	378.14	378.14	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426730	5406623	0.10601	376	376	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426730	5406423	0.10187	372.07	372.07	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426730	5406223	0.09783	369.83	369.83	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426730	5406023	0.09396	368.43	368.43	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426730	5405823	0.09037	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426730	5405623	0.08709	366	366	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426730	5405423	0.08407	366.11	366.11	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426730	5405223	0.08118	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426730	5405023	0.0783	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426730	5404823	0.07534	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426730	5404623	0.07229	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426730	5404423	0.06914	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426730	5404223	0.06594	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426730	5404023	0.06276	367.9	367.9	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426530	5406823	0.11241	379.77	379.77	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426530	5406623	0.10803	379	379	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426530	5406423	0.10354	375	375	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426530	5406223	0.09915	374	374	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426530	5406023	0.09519	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426530	5405823	0.09152	367.06	367.06	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426530	5405623	0.08808	364.43	364.43	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426530	5405423	0.0848	363.02	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426530	5405223	0.0816	366	366	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426530	5405023	0.07832	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426530	5404823	0.07494	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426530	5404623	0.0715	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426530	5404423	0.06804	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	426530	5404223	0.06464	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426530	5404023	0.06139	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426330	5406823	0.11467	378.56	378.56	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426330	5406623	0.10959	380	380	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426330	5406423	0.10465	379.16	379.16	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426330	5406223	0.09999	381	381	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426330	5406023	0.09616	376.97	376.97	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426330	5405823	0.09232	368.97	368.97	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426330	5405623	0.08864	365.1	365.1	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426330	5405423	0.08502	363.9	363.9	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426330	5405223	0.08142	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426330	5405023	0.07772	369.59	369.59	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426330	5404823	0.07399	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426330	5404623	0.07028	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426330	5404423	0.06667	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426330	5404223	0.06326	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426330	5404023	0.0601	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426130	5406823	0.11602	376	376	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426130	5406623	0.11043	379	379	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426130	5406423	0.10475	384.35	384.35	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426130	5406223	0.09942	389.82	389.82	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426130	5406023	0.09592	388.21	388.21	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426130	5405823	0.09287	375.83	375.83	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426130	5405623	0.08871	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426130	5405423	0.08463	362.56	362.56	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426130	5405223	0.08065	365.07	365.07	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426130	5405023	0.07664	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426130	5404823	0.07267	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426130	5404623	0.06886	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426130	5404423	0.06528	369.61	369.61	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426130	5404223	0.06201	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426130	5404023	0.05906	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425930	5406823	0.11667	376.11	376.11	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425930	5406623	0.11065	380.74	380.74	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425930	5406423	0.10458	388.32	388.32	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425930	5406223	0.10007	390	390	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425930	5406023	0.09612	389.54	389.54	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425930	5405823	0.09286	378.08	378.08	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425930	5405623	0.08821	371	371	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425930	5405423	0.0838	366.45	366.45	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425930	5405223	0.07937	362	362	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425930	5405023	0.07519	367.04	367.04	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425930	5404823	0.07116	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425930	5404623	0.06741	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425930	5404423	0.064	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425930	5404223	0.06094	371	371	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425930	5404023	0.05822	371	371	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425730	5406823	0.11707	375.55	375.55	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425730	5406623	0.11112	381	381	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425730	5406423	0.10587	384.88	384.88	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425730	5406223	0.1013	384.99	384.99	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425730	5406023	0.09694	381.24	381.24	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425730	5405823	0.09219	376.6	376.6	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425730	5405623	0.08708	371.97	371.97	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425730	5405423	0.08235	367.58	367.58	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425730	5405223	0.07771	362.13	362.13	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425730	5405023	0.07345	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425730	5404823	0.06953	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425730	5404623	0.06597	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425730	5404423	0.0628	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425730	5404223	0.05996	371	371	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425730	5404023	0.05744	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	425530	5406823	0.11739	370.69	370.69	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425530	5406623	0.11169	378.99	378.99	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425530	5406423	0.10637	382	382	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425530	5406223	0.10128	380.76	380.76	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425530	5406023	0.09605	378.05	378.05	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425530	5405823	0.09059	374.49	374.49	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425530	5405623	0.08527	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425530	5405423	0.08034	366.22	366.22	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425530	5405223	0.07571	362.59	362.59	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425530	5405023	0.07156	363	363	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425530	5404823	0.06786	365	365	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425530	5404623	0.06457	368.32	368.32	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425530	5404423	0.06162	371	371	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425530	5404223	0.05898	371	371	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425530	5404023	0.05659	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425330	5406823	0.11716	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425330	5406623	0.11145	377.09	377.09	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425330	5406423	0.10563	381	381	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425330	5406223	0.09983	380.64	380.64	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425330	5406023	0.09391	375.01	375.01	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425330	5405823	0.08813	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425330	5405623	0.08285	367.24	367.24	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425330	5405423	0.07798	365	365	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425330	5405223	0.07356	362.47	362.47	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425330	5405023	0.06968	363.14	363.14	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425330	5404823	0.06626	366	366	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425330	5404623	0.06321	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425330	5404423	0.06045	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425330	5404223	0.05795	371	371	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425330	5404023	0.05567	369.76	369.76	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425130	5406823	0.1162	370.57	370.57	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425130	5406623	0.10995	374.5	374.5	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425130	5406423	0.10363	377.46	377.46	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425130	5406223	0.09719	377.73	377.73	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425130	5406023	0.09099	374.9	374.9	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425130	5405823	0.08533	371	371	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425130	5405623	0.0802	368.47	368.47	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425130	5405423	0.07559	365	365	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425130	5405223	0.07149	362.21	362.21	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425130	5405023	0.06791	362.28	362.28	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425130	5404823	0.06476	364.87	364.87	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425130	5404623	0.06192	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425130	5404423	0.05932	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425130	5404223	0.05693	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425130	5404023	0.0547	368.19	368.19	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424930	5406823	0.11426	370.72	370.72	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424930	5406623	0.10719	371.3	371.3	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424930	5406423	0.10033	372.48	372.48	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424930	5406223	0.09383	372	372	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424930	5406023	0.08783	371.65	371.65	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424930	5405823	0.08245	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424930	5405623	0.07767	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424930	5405423	0.07343	364.87	364.87	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424930	5405223	0.06965	361	361	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424930	5405023	0.06638	362	362	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424930	5404823	0.06343	363	363	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424930	5404623	0.06074	364.04	364.04	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424930	5404423	0.05827	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424930	5404223	0.05594	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424930	5404023	0.05374	368.43	368.43	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424730	5406823	0.11125	367.06	367.06	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424730	5406623	0.1038	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	424730	5406423	0.09682	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424730	5406223	0.09047	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424730	5406023	0.08482	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424730	5405823	0.07986	371	371	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424730	5405623	0.07552	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424730	5405423	0.07162	362.83	362.83	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424730	5405223	0.06819	361.94	361.94	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424730	5405023	0.06517	365.18	365.18	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424730	5404823	0.06234	364.16	364.16	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424730	5404623	0.05971	362	362	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424730	5404423	0.05728	363	363	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424730	5404223	0.05498	365.05	365.05	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424730	5404023	0.05275	363.31	363.31	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424530	5406823	0.10743	366	366	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424530	5406623	0.1	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424530	5406423	0.0933	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424530	5406223	0.08741	370.58	370.58	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424530	5406023	0.08229	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424530	5405823	0.07781	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424530	5405623	0.07386	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424530	5405423	0.07025	362	362	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424530	5405223	0.06709	363.99	363.99	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424530	5405023	0.0642	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424530	5404823	0.06146	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424530	5404623	0.05885	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424530	5404423	0.05635	361	361	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424530	5404223	0.05399	361	361	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424530	5404023	0.05175	362.65	362.65	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424330	5406823	0.10342	366	366	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424330	5406623	0.09643	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424330	5406423	0.09031	373.3	373.3	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424330	5406223	0.08468	375.04	375.04	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424330	5406023	0.08042	370.43	370.43	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424330	5405823	0.07634	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424330	5405623	0.07266	364.98	364.98	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424330	5405423	0.06927	362	362	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424330	5405223	0.06618	361.43	361.43	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424330	5405023	0.06338	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424330	5404823	0.06061	365.68	365.68	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424330	5404623	0.05796	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424330	5404423	0.05539	361	361	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424330	5404223	0.05296	361	361	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424330	5404023	0.05067	364.03	364.03	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424130	5406823	0.09981	366	366	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424130	5406623	0.09354	368.78	368.78	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424130	5406423	0.08809	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424130	5406223	0.08267	379.95	379.95	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424130	5406023	0.0791	373.17	373.17	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424130	5405823	0.0753	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424130	5405623	0.07175	365.04	365.04	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424130	5405423	0.06839	361	361	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424130	5405223	0.06527	360	360	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424130	5405023	0.06233	360.37	360.37	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424130	5404823	0.05949	360	360	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424130	5404623	0.0568	361	361	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424130	5404423	0.05417	360	360	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424130	5404223	0.05219	361	361	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	424130	5404023	0.05098	361	361	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423930	5406823	0.09707	367	367	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423930	5406623	0.09125	365	365	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423930	5406423	0.08634	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423930	5406223	0.08194	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	423930	5406023	0.07792	367.58	367.58	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423930	5405823	0.07419	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423930	5405623	0.07063	364.92	364.92	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423930	5405423	0.06717	360	360	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423930	5405223	0.06395	359	359	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	423930	5405023	0.06129	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423930	5404823	0.05946	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423930	5404623	0.05781	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423930	5404423	0.05635	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423930	5404223	0.05498	361	361	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423930	5404023	0.05357	360.25	360.25	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423730	5406823	0.09991	366.62	366.62	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423730	5406623	0.09342	363.02	363.02	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423730	5406423	0.08801	366	366	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423730	5406223	0.08306	365.16	365.16	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423730	5406023	0.07873	363	363	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423730	5405823	0.0752	363.58	363.58	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423730	5405623	0.0723	366	366	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423730	5405423	0.06943	362.01	362.01	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423730	5405223	0.06696	359.54	359.54	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423730	5405023	0.06477	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423730	5404823	0.06285	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423730	5404623	0.0611	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423730	5404423	0.05938	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423730	5404223	0.05773	359.01	359.01	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423730	5404023	0.05614	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423530	5406823	0.10273	362	362	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423530	5406623	0.0965	361	361	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423530	5406423	0.09137	363	363	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423530	5406223	0.08679	362	362	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423530	5406023	0.0828	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423530	5405823	0.07945	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423530	5405623	0.07669	363	363	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423530	5405423	0.07394	362	362	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423530	5405223	0.07135	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423530	5405023	0.06895	358.61	358.61	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423530	5404823	0.06672	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423530	5404623	0.06463	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423530	5404423	0.06263	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423530	5404223	0.06071	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423530	5404023	0.05893	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423330	5406823	0.10682	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423330	5406623	0.10118	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423330	5406423	0.09635	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423330	5406223	0.09214	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423330	5406023	0.08833	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423330	5405823	0.08508	361	361	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423330	5405623	0.08201	362	362	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423330	5405423	0.07894	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423330	5405223	0.0761	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423330	5405023	0.07339	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423330	5404823	0.07082	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423330	5404623	0.06842	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423330	5404423	0.06619	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423330	5404223	0.064	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423330	5404023	0.06197	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423130	5406823	0.11271	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423130	5406623	0.10747	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423130	5406423	0.10281	360.01	360.01	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423130	5406223	0.09864	361	361	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423130	5406023	0.09465	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423130	5405823	0.0909	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	423130	5405623	0.08744	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423130	5405423	0.08415	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423130	5405223	0.08103	358.92	358.92	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423130	5405023	0.078	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423130	5404823	0.07511	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423130	5404623	0.07239	356.6	356.6	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423130	5404423	0.06986	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423130	5404223	0.06742	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423130	5404023	0.06515	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422930	5406823	0.11994	358.91	358.91	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422930	5406623	0.11462	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422930	5406423	0.10971	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422930	5406223	0.10521	359.95	359.95	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422930	5406023	0.10065	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422930	5405823	0.09659	356.99	356.99	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422930	5405623	0.09271	356.48	356.48	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422930	5405423	0.08911	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422930	5405223	0.08572	357.84	357.84	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422930	5405023	0.08238	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422930	5404823	0.07927	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422930	5404623	0.07626	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422930	5404423	0.07346	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422930	5404223	0.0708	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422930	5404023	0.06834	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422730	5406023	0.10668	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422730	5405823	0.10225	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422730	5405623	0.09785	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422730	5405423	0.09369	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422730	5405223	0.09001	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422730	5405023	0.08654	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422730	5404823	0.08312	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422730	5404623	0.07989	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422730	5404423	0.07684	355	355	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422730	5404223	0.07404	355.15	355.15	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422730	5404023	0.0715	356.86	356.86	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422530	5406023	0.11201	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422530	5405823	0.10708	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422530	5405623	0.1024	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422530	5405423	0.0978	355.46	355.46	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422530	5405223	0.09399	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422530	5405023	0.0903	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422530	5404823	0.08663	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422530	5404623	0.08319	355	355	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422530	5404423	0.0801	355	355	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422530	5404223	0.07727	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422530	5404023	0.0746	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422330	5406423	0.12802	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422330	5406223	0.12209	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422330	5406023	0.11647	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422330	5405823	0.11126	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422330	5405623	0.10632	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422330	5405423	0.10164	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422330	5405223	0.09739	355.29	355.29	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422330	5405023	0.09385	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422330	5404823	0.09002	357.44	357.44	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422330	5404623	0.08636	354	354	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422330	5404423	0.08325	355	355	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422330	5404223	0.08034	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422330	5404023	0.07759	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5406423	0.13265	359.61	359.61	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5406223	0.12639	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5406023	0.12056	359.9	359.9	0 MONTH	TMA	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	422130	5405823	0.11519	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5405623	0.11004	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5405423	0.10524	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5405223	0.10076	354	354	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5405023	0.09683	355	355	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5404823	0.0931	355.29	355.29	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5404623	0.08946	353.68	353.68	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5404423	0.08619	354	354	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5404223	0.08315	355	355	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5404023	0.08029	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421930	5405223	0.10399	354	354	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421930	5405023	0.09976	353	353	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421930	5404823	0.0959	353.17	353.17	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421930	5404623	0.09224	353	353	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421930	5404423	0.08881	353.07	353.07	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421930	5404223	0.08569	354.71	354.71	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421930	5404023	0.08271	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421730	5404823	0.09825	352	352	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421730	5404623	0.09447	352	352	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421730	5404423	0.09106	354	354	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421730	5404223	0.08783	355.94	355.94	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421730	5404023	0.08464	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421530	5404823	0.10009	351	351	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421530	5404623	0.09624	352	352	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421530	5404423	0.0929	356.94	356.94	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421530	5404223	0.08952	358.73	358.73	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421530	5404023	0.08618	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421330	5404823	0.1017	351	351	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421330	5404623	0.09786	353.8	353.8	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421330	5404423	0.09441	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421330	5404223	0.09081	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421330	5404023	0.08742	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421130	5404823	0.10318	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421130	5404623	0.09934	353	353	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421130	5404423	0.09571	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421130	5404223	0.09215	359.03	359.03	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421130	5404023	0.08873	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420930	5405223	0.11335	351	351	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420930	5405023	0.10894	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420930	5404823	0.10479	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420930	5404623	0.10089	351.04	351.04	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420930	5404423	0.09727	353.96	353.96	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420930	5404223	0.09374	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420930	5404023	0.09036	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420730	5405223	0.11447	354	354	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420730	5405023	0.11018	352	352	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420730	5404823	0.10607	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420730	5404623	0.10227	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420730	5404423	0.09878	352.66	352.66	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420730	5404223	0.09543	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420730	5404023	0.09218	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420530	5405623	0.12334	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420530	5405423	0.11905	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420530	5405223	0.1147	356.61	356.61	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420530	5405023	0.11042	352	352	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420530	5404823	0.10652	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420530	5404623	0.10286	349	349	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420530	5404423	0.09948	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420530	5404223	0.09643	355	355	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420530	5404023	0.0934	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420330	5405623	0.12211	355.24	355.24	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420330	5405423	0.118	359.97	359.97	0 MONTH	TMA	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	420330	5405223	0.1138	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420330	5405023	0.10966	353.11	353.11	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420330	5404823	0.10587	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420330	5404623	0.10242	349	349	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420330	5404423	0.09928	350.05	350.05	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420330	5404223	0.09645	354.68	354.68	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420330	5404023	0.09366	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420130	5406823	0.15162	346	346	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420130	5406623	0.14555	347	347	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420130	5406423	0.1399	349	349	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420130	5406223	0.13438	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420130	5405623	0.12006	357.36	357.36	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420130	5405423	0.11577	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420130	5405223	0.11161	355.32	355.32	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420130	5405023	0.10769	352	352	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420130	5404823	0.10406	349.1	349.1	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420130	5404623	0.10087	349	349	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420130	5404423	0.09787	349	349	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420130	5404223	0.09519	351.8	351.8	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420130	5404023	0.09259	355	355	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422930	5407823	0.16038	364.52	367	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422930	5408023	0.17192	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422930	5408223	0.18579	356.42	356.42	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422930	5408423	0.20114	354.99	354.99	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422730	5407023	0.13418	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422730	5407223	0.14148	363	363	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422730	5407423	0.14941	366.78	366.78	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422730	5407623	0.15736	360.44	360.44	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422730	5407823	0.16702	358.92	358.92	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422730	5408023	0.17825	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422730	5408223	0.19172	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422730	5408423	0.20716	354	354	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422530	5407023	0.14217	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422530	5407223	0.1498	359.17	359.17	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422530	5407423	0.15846	363.71	363.71	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422530	5407623	0.16687	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422530	5407823	0.17631	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422530	5408023	0.18705	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422530	5408223	0.19921	355.64	355.64	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422530	5408423	0.21342	354.8	354.8	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422330	5407023	0.14903	357.42	357.42	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422330	5407223	0.15742	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422330	5407423	0.16652	361	361	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422330	5407623	0.17572	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422330	5407823	0.1857	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422330	5408023	0.19615	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422330	5408223	0.20734	354	354	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422330	5408423	0.2198	352.76	352.76	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422330	5414423	1.28171	380.97	380.97	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	422330	5414623	1.07378	382	382	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	422330	5414823	0.91316	383	383	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	422330	5415023	0.77256	387	387	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	422130	5407023	0.15452	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5407223	0.16342	358.98	358.98	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5407423	0.17281	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5407623	0.18252	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5407823	0.19281	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5408023	0.20347	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5408223	0.21479	354	354	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5408423	0.22698	352	352	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5414423	1.08853	388.19	388.19	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	422130	5414623	1.03457	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	422130	5414823	0.88761	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
MINE	422130	5415023	0.74319	385.88	385.88	0	MONTH	TMA	1ST	2/28/1998 24 hr
MINE	421930	5407023	0.15876	356.18	356.18	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421930	5407223	0.16774	358.81	358.81	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421930	5407423	0.17712	360	360	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421930	5407623	0.18697	360	360	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421930	5407823	0.19721	358	358	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421930	5408023	0.20826	356	356	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421930	5408223	0.22005	353.02	353.02	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421930	5408423	0.23334	351	351	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421930	5414423	1.07136	385.74	385.74	0	MONTH	TMA	1ST	2/28/1998 24 hr
MINE	421930	5414623	0.98306	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
MINE	421930	5414823	0.84506	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
MINE	421930	5415023	0.72744	382.79	382.79	0	MONTH	TMA	1ST	2/28/1998 24 hr
MINE	421730	5407023	0.1623	357.06	357.06	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421730	5407223	0.17107	360	360	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421730	5407423	0.18007	360	360	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421730	5407623	0.18986	360	360	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421730	5407823	0.20019	357.39	357.39	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421730	5408023	0.21158	354.66	354.66	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421730	5408223	0.22459	353	353	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421730	5408423	0.23903	351	351	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421730	5414423	1.04519	382.01	382.01	0	MONTH	TMA	1ST	2/28/1998 24 hr
MINE	421730	5414623	0.91794	379.16	379.16	0	MONTH	TMA	1ST	2/28/1998 24 hr
MINE	421730	5414823	0.8031	378.8	378.8	0	MONTH	TMA	1ST	2/28/1998 24 hr
MINE	421730	5415023	0.7016	381	381	0	MONTH	TMA	1ST	2/28/1998 24 hr
MINE	421530	5407023	0.16471	357	357	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421530	5407223	0.17341	359.79	359.79	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421530	5407423	0.18253	360	360	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421530	5407623	0.19262	360	360	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421530	5407823	0.20323	356.51	356.51	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421530	5408023	0.21491	352.98	352.98	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421530	5408223	0.22818	350.7	350.7	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421530	5408423	0.24302	349	349	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421530	5414423	0.87061	388.41	388.41	0	MONTH	TMA	1ST	2/28/1998 24 hr
MINE	421530	5414623	0.83936	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
MINE	421530	5414823	0.74999	377.68	377.68	0	MONTH	TMA	1ST	2/28/1998 24 hr
MINE	421530	5415023	0.6612	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
MINE	421330	5407023	0.16584	354.93	354.93	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421330	5407223	0.17454	356	356	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421330	5407423	0.18401	356	356	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421330	5407623	0.19436	355.08	355.08	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421330	5407823	0.20557	353	353	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421330	5408023	0.21756	350	350	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421330	5408223	0.23099	348.2	348.2	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421330	5408423	0.24584	347	347	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421330	5408623	0.26161	345	345	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421330	5414423	0.84192	382.81	382.81	0	MONTH	TMA	1ST	2/28/1998 24 hr
MINE	421330	5414623	0.7637	379.05	379.05	0	MONTH	TMA	1ST	2/28/1998 24 hr
MINE	421330	5414823	0.68653	377	377	0	MONTH	TMA	1ST	2/28/1998 24 hr
MINE	421330	5415023	0.60994	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
MINE	421130	5407823	0.20672	349	349	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421130	5408023	0.21943	348.68	348.68	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421130	5408223	0.23272	347	347	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421130	5408423	0.24693	345	345	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421130	5408623	0.26284	344	344	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421130	5414423	0.76717	377	377	0	MONTH	TMA	1ST	2/28/1998 24 hr
MINE	421130	5414623	0.68642	376	376	0	MONTH	TMA	1ST	2/28/1998 24 hr
MINE	421130	5414823	0.61124	380	380	0	MONTH	TMA	1ST	2/28/1998 24 hr
MINE	421130	5415023	0.55748	379	379	0	MONTH	TMA	1ST	2/28/1998 24 hr
MINE	420930	5407823	0.20708	347.66	347.66	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	420930	5408023	0.21918	346.67	346.67	0	MONTH	TMA	1ST	12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	420930	5408223	0.23198	345	345	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420930	5408423	0.24609	344	344	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420930	5408623	0.26127	343	343	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420930	5414423	0.67828	375	375	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	420930	5414623	0.60843	376.68	376.68	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	420930	5414823	0.54177	381.83	381.83	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	420930	5415023	0.49203	383	383	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	420730	5407823	0.20571	346	346	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420730	5408023	0.21711	345	345	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420730	5408223	0.22933	344	344	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420730	5408423	0.24235	343	343	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420730	5408623	0.25676	343	343	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420730	5413623	1.08572	378.28	378.28	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420730	5413823	0.9079	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420730	5414023	0.77969	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420730	5414223	0.68849	377.28	377.28	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420730	5414423	0.60917	375.08	375.08	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420730	5414623	0.54101	379.56	379.56	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	420730	5414823	0.48652	384	384	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	420730	5415023	0.45	383.98	383.98	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	420530	5408023	0.21278	344	344	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420530	5408223	0.22376	342.9	342.9	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420530	5408423	0.23589	343	343	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420530	5408623	0.25013	345.49	345.49	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420530	5408823	0.26577	348	348	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420530	5409023	0.28242	349	349	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420530	5409223	0.30157	350.3	350.3	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420530	5409423	0.32538	353.94	353.94	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420530	5413623	0.92929	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420530	5413823	0.79967	380.11	380.11	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420530	5414023	0.70069	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420530	5414223	0.61766	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420530	5414423	0.55848	375.64	375.64	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420530	5414623	0.49647	380.11	380.11	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420530	5414823	0.44649	382	382	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420530	5415023	0.41903	380.3	380.3	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	420330	5408823	0.25292	348	348	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420330	5409023	0.26795	349	349	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420330	5409223	0.28565	351	351	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420330	5409423	0.3067	354	354	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420330	5413623	0.79941	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420330	5413823	0.70206	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420330	5414023	0.6216	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420330	5414223	0.55762	379.52	379.52	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420330	5414423	0.51009	373.32	373.32	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420330	5414623	0.46056	378.31	378.31	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420330	5414823	0.42023	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420330	5415023	0.3857	379.88	379.88	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420130	5407023	0.15821	346	346	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420130	5408823	0.23725	348	348	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420130	5409023	0.25039	349	349	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420130	5409223	0.26542	350.06	350.06	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420130	5409423	0.28387	353	353	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420130	5413623	0.69543	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420130	5413823	0.61765	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420130	5414023	0.5521	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420130	5414223	0.49935	379	379	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420130	5414423	0.45941	374.12	374.12	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420130	5414623	0.42255	373	373	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420130	5414823	0.39002	374.98	374.98	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420130	5415023	0.36152	375	375	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	420130	5415523	0.30059	379	379	0 MONTH	TMA	1ST		1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	420130	5416023	0.26063	382	382	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	420130	5416523	0.22673	379.22	379.22	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	420130	5417023	0.19815	381.82	381.82	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	420630	5415523	0.36452	380	380	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	420630	5416023	0.30023	385	385	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	420630	5416523	0.22769	401.03	401.03	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	420630	5417023	0.20004	398.57	398.57	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	421130	5415523	0.4116	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	421130	5416023	0.32754	394.24	394.24	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	421130	5416523	0.27306	398	398	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	421130	5417023	0.24687	396.4	396.4	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	421630	5415523	0.52008	383	383	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	421630	5416023	0.41497	389.02	389.02	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	421630	5416523	0.32078	400	400	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	421630	5417023	0.30133	396.05	396.05	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	422130	5415523	0.57724	387.26	387.26	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	422130	5416023	0.47239	390	390	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	422130	5416523	0.3832	395.11	395.11	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	422130	5417023	0.3107	399.02	399.02	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	422630	5415523	0.56094	396.51	396.51	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	422630	5416023	0.46111	393.38	393.38	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	422630	5416523	0.29438	410	410	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	422630	5417023	0.26921	406.54	406.54	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	423130	5415523	0.51757	397.95	397.95	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	423130	5416023	0.408	399	399	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	423130	5416523	0.32713	400	400	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	423130	5417023	0.23942	410	410	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	423630	5415523	0.4384	399.47	399.47	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	423630	5416023	0.38893	393.25	393.25	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	423630	5416523	0.32776	393	393	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	423630	5417023	0.28199	387	387	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	424130	5415523	0.39048	401	401	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424130	5416023	0.38485	390.35	390.35	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424130	5416523	0.33749	380	380	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424130	5417023	0.27618	375.19	375.19	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424630	5415523	0.3842	384.17	384.17	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424630	5416023	0.35419	382.4	382.4	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424630	5416523	0.3233	374	374	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424630	5417023	0.2843	376.51	376.51	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	425130	5415523	0.31885	377	377	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	425130	5416023	0.29315	379.13	379.13	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	425130	5416523	0.27873	378	378	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	425130	5417023	0.26298	375	375	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	425630	5415523	0.26274	377	377	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	425630	5416023	0.23408	377	377	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	425630	5416523	0.22722	376.72	376.72	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	425630	5417023	0.22312	378.99	378.99	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	426130	5415523	0.21665	380	380	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	426130	5416023	0.19085	378	378	0 MONTH	TMA	1ST		12/31/1999 24 hr
MINE	426130	5416523	0.17751	380	380	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	426130	5417023	0.17705	380	380	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	426630	5415523	0.18292	389	389	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	426630	5416023	0.16146	382	382	0 MONTH	TMA	1ST		12/31/1999 24 hr
MINE	426630	5416523	0.15295	380	380	0 MONTH	TMA	1ST		12/31/1999 24 hr
MINE	426630	5417023	0.14665	378	378	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	427130	5415523	0.16993	386	386	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	427130	5416023	0.13859	385.29	385.29	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	427130	5416523	0.13637	380	380	0 MONTH	TMA	1ST		12/31/1999 24 hr
MINE	427130	5417023	0.12448	380	380	0 MONTH	TMA	1ST		12/31/1999 24 hr
MINE	427630	5415523	0.15863	380	380	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	427630	5416023	0.1314	380	380	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	427630	5416523	0.1148	381	381	0 MONTH	TMA	1ST		12/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	427630	5417023	0.11518	380	380	0	MONTH	TMA	1ST	12/31/1999 24 hr
MINE	428130	5415523	0.14671	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428130	5416023	0.12537	377	377	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428130	5416523	0.1051	376	376	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428130	5417023	0.09981	377	377	0	MONTH	TMA	1ST	12/31/1999 24 hr
MINE	428630	5415523	0.13763	376	376	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428630	5416023	0.11836	375	375	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428630	5416523	0.10089	375	375	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	428630	5417023	0.08607	379	379	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429130	5416023	0.1123	373	373	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429130	5416523	0.09653	373	373	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429130	5417023	0.08351	374	374	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429630	5416023	0.10609	377.96	377.96	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429630	5416523	0.09272	372	372	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	429630	5417023	0.08028	372	372	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	430130	5416023	0.09791	388.36	400	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	430130	5416523	0.08928	378	411	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	430130	5417023	0.07743	373.81	373.81	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	430630	5416023	0.09268	375	375	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	430630	5416523	0.0846	385.95	411	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	430630	5417023	0.07396	391.87	391.87	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	431130	5416023	0.08678	378	378	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	431130	5416523	0.07826	392	392	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	431130	5417023	0.07262	387.63	402	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	431630	5415523	0.08721	379.96	379.96	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	431630	5416023	0.0813	389.07	389.07	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	431630	5416523	0.07486	376.44	376.44	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	431630	5417023	0.06902	392.08	392.08	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	432130	5415523	0.08044	381	381	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	432130	5416023	0.07713	380	380	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	432130	5416523	0.06928	393.08	393.08	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	432130	5417023	0.06568	373	400	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	432630	5415523	0.07044	407.92	409	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	432630	5416023	0.07232	389.44	421	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	432630	5416523	0.0672	377	377	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	432630	5417023	0.06198	381.97	381.97	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	433130	5415523	0.06538	408.19	408.19	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	433130	5416023	0.06083	420.05	431	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	433130	5416523	0.06375	388.33	440	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	433130	5417023	0.05932	373	373	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	431630	5415023	0.08774	376	376	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	431630	5414523	0.08726	379	379	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	431630	5414023	0.08368	378.4	378.4	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	431630	5413523	0.07727	378	378	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	431630	5413023	0.08067	375	375	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	431630	5412023	0.07186	382	382	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	431630	5411523	0.07608	382	382	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	431630	5411023	0.07353	380	380	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	431630	5410023	0.08195	383.9	383.9	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	431630	5409523	0.07228	381	381	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	431630	5409023	0.06239	366.01	366.01	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	431630	5408523	0.05532	361	361	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	431630	5408023	0.05425	363	363	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	431630	5407523	0.05336	369	369	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	431630	5407023	0.05126	378.31	378.31	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	431630	5406523	0.04696	377	377	0	MONTH	TMA	1ST	10/31/1999 24 hr
MINE	431630	5406023	0.04464	372.49	372.49	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	431630	5405523	0.04486	367	367	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	431630	5405023	0.0443	369	369	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	431630	5404523	0.04274	370.02	370.02	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	431630	5404023	0.04109	367	367	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	431630	5403523	0.04056	369.7	382	0	MONTH	TMA	1ST	12/31/1997 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	431630	5403023	0.04156	365	365	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	431630	5402523	0.04293	360	360	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	431630	5402023	0.04325	358.21	358.21	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	432130	5415023	0.08028	380	380	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	432130	5414523	0.0796	381	381	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	432130	5414023	0.07564	376.05	376.05	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	432130	5413523	0.07047	376.44	376.44	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	432130	5413023	0.07579	378	378	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	432130	5412523	0.07089	374	374	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	432130	5412023	0.06587	376.57	376.57	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	432130	5411523	0.06977	375.96	375.96	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	432130	5411023	0.06725	373.18	373.18	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	432130	5410523	0.07528	370	370	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	432130	5410023	0.07767	370.42	370.42	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	432130	5409523	0.0704	371.86	371.86	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	432130	5409023	0.06049	371	371	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	432130	5408523	0.05242	362	362	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	432130	5408023	0.04979	370	370	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	432130	5407523	0.04955	372	372	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	432130	5407023	0.04876	376	376	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	432130	5406523	0.04581	373	373	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	432130	5406023	0.04419	369.31	369.31	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	432130	5405523	0.04073	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	432130	5405023	0.04091	375.42	375.42	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	432130	5404523	0.04054	376.61	376.61	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	432130	5404023	0.03897	375	377	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	432130	5403523	0.03748	366.89	366.89	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	432130	5403023	0.03692	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	432130	5402523	0.03771	359.64	359.64	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	432130	5402023	0.03906	373.53	373.53	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	432630	5415023	0.07216	401.58	401.58	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	432630	5414523	0.07243	388.61	398	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	432630	5414023	0.06873	378.54	378.54	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	432630	5413523	0.06579	379.82	379.82	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	432630	5413023	0.07125	380	380	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	432630	5412523	0.06793	378	378	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	432630	5412023	0.05974	380	380	0 MONTH	TMA	1ST		12/31/1999 24 hr
MINE	432630	5411523	0.06435	378.87	378.87	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	432630	5411023	0.064	379	379	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	432630	5410523	0.06834	375	375	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	432630	5410023	0.07283	372	372	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	432630	5409523	0.06852	374.92	374.92	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	432630	5409023	0.05922	368.66	368.66	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	432630	5408523	0.05059	369.05	369.05	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	432630	5408023	0.04564	370	370	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	432630	5407523	0.0457	370	370	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	432630	5407023	0.04555	372	372	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	432630	5406523	0.04442	377.4	377.4	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	432630	5406023	0.04182	378	378	0 MONTH	TMA	1ST		10/31/1999 24 hr
MINE	432630	5405523	0.03814	374.78	374.78	0 MONTH	TMA	1ST		4/30/1996 24 hr
MINE	432630	5405023	0.03777	379.88	379.88	0 MONTH	TMA	1ST		4/30/1996 24 hr
MINE	432630	5404523	0.03745	390	390	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	432630	5404023	0.03725	376.66	376.66	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	432630	5403523	0.03588	368.08	368.08	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	432630	5403023	0.03438	365.22	365.22	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	432630	5402523	0.0338	362.08	362.08	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	432630	5402023	0.03446	372	372	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	433130	5415023	0.06662	404.73	404.73	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	433130	5414523	0.06635	381.51	381.51	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	433130	5414023	0.06288	374.67	374.67	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	433130	5413523	0.06213	376.92	376.92	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	433130	5413023	0.06697	380	380	0 MONTH	TMA	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	433130	5412523	0.06363	376.78	391	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	433130	5412023	0.05529	381.37	381.37	0 MONTH	TMA	1ST		12/31/1999 24 hr
MINE	433130	5411523	0.05939	380	380	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	433130	5411023	0.0603	381.98	381.98	0 MONTH	TMA	1ST		12/31/1998 24 hr
MINE	433130	5410523	0.06177	379	379	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	433130	5410023	0.06824	376.36	376.36	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	433130	5409523	0.0662	373.38	373.38	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	433130	5409023	0.05812	367	367	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	433130	5408523	0.04936	366	366	0 MONTH	TMA	1ST		1/31/1996 24 hr
MINE	433130	5408023	0.04323	368	368	0 MONTH	TMA	1ST		7/31/1998 24 hr
MINE	433130	5407523	0.042	370	370	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	433130	5407023	0.04244	374.55	374.55	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	433130	5406523	0.0422	380	380	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	433130	5406023	0.04048	379	379	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	433130	5405523	0.03855	381.05	381.05	0 MONTH	TMA	1ST		10/31/1999 24 hr
MINE	433130	5405023	0.03548	389	389	0 MONTH	TMA	1ST		10/31/1999 24 hr
MINE	433130	5404523	0.03513	387.03	387.03	0 MONTH	TMA	1ST		4/30/1996 24 hr
MINE	433130	5404023	0.03442	380.92	380.92	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	433130	5403523	0.03424	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	433130	5403023	0.03311	369.97	369.97	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	433130	5402523	0.03172	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	433130	5402023	0.03045	381	381	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	431130	5403523	0.04602	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	431130	5403023	0.04733	360.84	360.84	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	431130	5402523	0.0473	365.9	365.9	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	431130	5402023	0.04541	360	360	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430630	5403523	0.05228	361	361	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430630	5403023	0.05165	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430630	5402523	0.04903	364.18	364.18	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430630	5402023	0.04548	360	360	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430130	5403523	0.05641	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430130	5403023	0.05291	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430130	5402523	0.04862	365.58	365.58	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	430130	5402023	0.0447	360	360	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429630	5403523	0.05711	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429630	5403023	0.05202	368.94	368.94	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429630	5402523	0.04763	366	366	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429630	5402023	0.04413	362	362	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429130	5403523	0.05585	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429130	5403023	0.05106	367	367	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429130	5402523	0.04744	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	429130	5402023	0.04435	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428630	5403523	0.05533	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428630	5403023	0.05163	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428630	5402523	0.0484	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428630	5402023	0.04507	366.82	366.82	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428130	5403523	0.05695	369	369	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428130	5403023	0.0533	370.46	370.46	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428130	5402523	0.04929	371	371	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	428130	5402023	0.04498	370	370	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427630	5403523	0.05884	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427630	5403023	0.05366	371	371	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427630	5402523	0.0484	375	375	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427630	5402023	0.04327	375.58	375.58	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427130	5403523	0.05785	368	368	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427130	5403023	0.05135	372	372	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427130	5402523	0.04562	375	375	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	427130	5402023	0.04114	378	378	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426630	5403523	0.05475	366	366	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426630	5403023	0.04853	377.23	377.23	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426630	5402523	0.04428	379	379	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426630	5402023	0.04125	376	376	0 MONTH	TMA	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	426130	5403523	0.05301	366.78	366.78	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426130	5403023	0.0481	389.9	389.9	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426130	5402523	0.04497	378.72	378.72	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	426130	5402023	0.04191	377	377	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425630	5403523	0.05181	368.19	368.19	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425630	5403023	0.04746	371	371	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425630	5402523	0.04386	378	378	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425630	5402023	0.04016	376	376	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425130	5403523	0.04967	368.04	368.04	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425130	5403023	0.04514	375	375	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425130	5402523	0.04086	377	377	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	425130	5402023	0.03662	384.6	384.6	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424630	5403523	0.04704	369.33	369.33	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424630	5403023	0.04204	379.99	379.99	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	424630	5402523	0.03848	380	380	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	424630	5402023	0.037	379	379	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	424130	5403523	0.04844	365.91	365.91	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	424130	5403023	0.04588	371	371	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	424130	5402523	0.04276	381	381	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	424130	5402023	0.04061	378.03	378.03	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423630	5403523	0.05374	363.92	363.92	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423630	5403023	0.0498	375	375	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423630	5402523	0.04625	379	379	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423630	5402023	0.04339	377	377	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423130	5403523	0.06032	369	369	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423130	5403023	0.05503	376	376	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423130	5402523	0.05045	380	380	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	423130	5402023	0.0472	375	375	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422630	5403523	0.06746	371	371	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422630	5403023	0.06173	377	377	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422630	5402523	0.0574	373.78	373.78	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422630	5402023	0.05331	374	374	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5403523	0.07394	361	361	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5403023	0.06835	371	371	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5402523	0.06326	370	370	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	422130	5402023	0.05859	371	371	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421630	5403523	0.07816	358.11	358.11	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421630	5403023	0.07204	366.93	366.93	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421630	5402523	0.06612	361	361	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421630	5402023	0.06128	367.71	367.71	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421130	5403523	0.08097	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421130	5403023	0.07424	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421130	5402523	0.06839	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	421130	5402023	0.06331	363.14	363.14	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420630	5403523	0.08502	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420630	5403023	0.07797	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420630	5402523	0.07186	357.89	357.89	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420630	5402023	0.06655	361	361	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420130	5403523	0.08597	354.46	354.46	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420130	5403023	0.07974	354	354	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420130	5402523	0.07406	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	420130	5402023	0.06877	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	419630	5403523	0.08132	353	353	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	419630	5403023	0.07656	354	354	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	419630	5402523	0.07204	354.37	354.37	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	419630	5402023	0.0677	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	419130	5403523	0.07536	360	360	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	419130	5403023	0.07095	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	419130	5402523	0.06719	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	419130	5402023	0.06374	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	418630	5403523	0.07015	348.98	348.98	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	418630	5403023	0.06624	356.06	356.06	0 MONTH	TMA	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	418630	5402523	0.06282	370.29	380	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	418630	5402023	0.05951	359	359	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	418130	5403523	0.06504	347	347	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	418130	5403023	0.06204	360	360	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	418130	5402523	0.05877	358.42	358.42	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	418130	5402023	0.05571	352	352	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419630	5404023	0.08661	352	352	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419630	5404523	0.09274	350	350	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419630	5405023	0.10018	349	349	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419630	5405523	0.10948	354	354	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419630	5406523	0.12998	349	349	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419630	5407023	0.14178	347	347	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419630	5408023	0.16715	342	342	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419630	5408523	0.18485	346.05	346.05	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419630	5409023	0.20764	348.11	348.11	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419630	5409523	0.23594	351.75	351.75	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419630	5410023	0.27413	356.29	356.29	0	MONTH	TMA	1ST	1/31/1999 24 hr
MINE	419630	5410523	0.3479	359	359	0	MONTH	TMA	1ST	1/31/1999 24 hr
MINE	419630	5411023	0.43072	357	357	0	MONTH	TMA	1ST	1/31/1999 24 hr
MINE	419630	5413523	0.55315	378.38	378.38	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	419630	5414023	0.44565	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	419630	5414523	0.35512	376.31	376.31	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	419630	5415023	0.30058	378	378	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	419630	5415523	0.25499	385.5	385.5	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	419630	5416023	0.21432	390.01	390.01	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	419630	5416523	0.19891	384.1	384.1	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	419630	5417023	0.17845	376.55	376.55	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	419130	5404023	0.08043	357.06	357.06	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419130	5404523	0.0863	353	353	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419130	5405023	0.09264	347	347	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419130	5405523	0.10023	352	352	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419130	5406023	0.1077	349	349	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419130	5406523	0.11583	348	348	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419130	5407023	0.12384	346	346	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419130	5407523	0.13219	343.96	343.96	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419130	5408023	0.14185	341.37	341.37	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419130	5408523	0.15535	345.22	345.22	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419130	5409023	0.17327	347	347	0	MONTH	TMA	1ST	1/31/1999 24 hr
MINE	419130	5409523	0.20798	349	349	0	MONTH	TMA	1ST	1/31/1999 24 hr
MINE	419130	5410023	0.24943	350	350	0	MONTH	TMA	1ST	1/31/1999 24 hr
MINE	419130	5410523	0.29522	351	351	0	MONTH	TMA	1ST	1/31/1999 24 hr
MINE	419130	5411023	0.35858	355	355	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	419130	5413523	0.41257	371.92	371.92	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	419130	5414023	0.36081	375.47	375.47	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	419130	5414523	0.29832	379	379	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	419130	5415023	0.2579	381	381	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	419130	5415523	0.22899	380	380	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	419130	5416023	0.19737	384.29	384.29	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	419130	5416523	0.17396	378.15	378.15	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	419130	5417023	0.15982	370	370	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	418630	5404023	0.07481	348.76	351	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	418630	5404523	0.07949	345	345	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	418630	5405023	0.0844	343.8	343.8	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	418630	5405523	0.09023	351	351	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	418630	5406023	0.09502	343	343	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	418630	5406523	0.10037	342	342	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	418630	5407023	0.1067	344	344	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	418630	5407523	0.1137	343	343	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	418630	5408023	0.12192	341	341	0	MONTH	TMA	1ST	1/31/1999 24 hr
MINE	418630	5408523	0.14295	344	344	0	MONTH	TMA	1ST	1/31/1999 24 hr
MINE	418630	5409023	0.16539	345	345	0	MONTH	TMA	1ST	1/31/1999 24 hr
MINE	418630	5409523	0.19103	346	346	0	MONTH	TMA	1ST	1/31/1999 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	418630	5410023	0.21707	347	347	0 MONTH	TMA	1ST		1/31/1999 24 hr
MINE	418630	5410523	0.24766	347.81	347.81	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	418630	5411023	0.30761	349	349	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	418630	5413523	0.31365	370	370	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	418630	5414023	0.28564	371.3	371.3	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	418630	5414523	0.25417	372.94	372.94	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	418630	5415023	0.22328	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	418630	5415523	0.20253	379.86	379.86	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	418630	5416023	0.18445	372.14	372.14	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	418630	5416523	0.16205	368	368	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	418630	5417023	0.14311	366	366	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	418130	5404023	0.06687	353.54	353.54	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	418130	5404523	0.07229	358.24	358.24	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	418130	5405023	0.07587	354	354	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	418130	5405523	0.07954	347.1	347.1	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	418130	5406023	0.08351	343	343	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	418130	5406523	0.08839	343	343	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	418130	5407023	0.09385	342	342	0 MONTH	TMA	1ST		12/31/2000 24 hr
MINE	418130	5407523	0.1064	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
MINE	418130	5408023	0.12055	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
MINE	418130	5408523	0.13568	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
MINE	418130	5409023	0.15211	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
MINE	418130	5409523	0.16698	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
MINE	418130	5410023	0.18574	346	346	0 MONTH	TMA	1ST		1/31/1999 24 hr
MINE	418130	5410523	0.22362	347	347	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	418130	5411023	0.26984	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	418130	5413523	0.24994	366.22	366.22	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	418130	5414023	0.2282	369.28	369.28	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	418130	5414523	0.2086	373.9	373.9	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	418130	5415023	0.19137	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	418130	5415523	0.18002	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	418130	5416023	0.16647	375.62	375.62	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	418130	5416523	0.15169	368.04	368.04	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	418130	5417023	0.13407	362	362	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	418130	5417857	0.11418	360	360	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	418130	5418690	0.10152	358.51	358.51	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	418130	5419523	0.08956	366.26	366.26	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	419102	5417857	0.13578	368.86	368.86	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	419102	5418690	0.11385	362.1	362.1	0 MONTH	TMA	1ST		1/31/2000 24 hr
MINE	419102	5419523	0.09652	364	364	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	420074	5417857	0.15375	389.4	389.4	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	420074	5418690	0.13227	377	377	0 MONTH	TMA	1ST		12/31/1997 24 hr
MINE	420074	5419523	0.12224	369	369	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	421047	5417857	0.20444	396.65	396.65	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	421047	5418690	0.18458	384.78	384.78	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	421047	5419523	0.15317	373	373	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	422019	5417857	0.25915	383.01	383.01	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	422019	5418690	0.20334	380	380	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	422019	5419523	0.16503	370.69	370.69	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	422991	5417857	0.24689	382.48	382.48	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	422991	5418690	0.19968	379.67	379.67	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	422991	5419523	0.16542	371.96	371.96	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	423963	5417857	0.20632	371	371	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	423963	5418690	0.16943	369	369	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	423963	5419523	0.14579	368	368	0 MONTH	TMA	1ST		2/28/1998 24 hr
MINE	424936	5417857	0.22115	377.15	377.15	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424936	5418690	0.169	379	379	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	424936	5419523	0.13058	377.38	377.38	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	425908	5417857	0.19581	379.54	379.54	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	425908	5418690	0.17501	372	372	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	425908	5419523	0.14568	373	373	0 MONTH	TMA	1ST		2/29/2000 24 hr
MINE	426880	5417857	0.13116	379	379	0 MONTH	TMA	1ST		1/31/1996 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	426880	5418690	0.13871	381	381	0	MONTH	TMA	1ST	2/29/2000 24 hr
MINE	426880	5419523	0.13534	370.81	370.81	0	MONTH	TMA	1ST	2/29/2000 24 hr
MINE	427852	5417857	0.09455	378	378	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	427852	5418690	0.09845	374.7	374.7	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	427852	5419523	0.09996	364	364	0	MONTH	TMA	1ST	2/29/2000 24 hr
MINE	428824	5417857	0.08079	379	379	0	MONTH	TMA	1ST	12/31/1999 24 hr
MINE	428824	5418690	0.07219	379	379	0	MONTH	TMA	1ST	12/31/1999 24 hr
MINE	428824	5419523	0.07509	375.16	375.16	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	429797	5417857	0.06587	371	371	0	MONTH	TMA	1ST	12/31/1999 24 hr
MINE	429797	5418690	0.06204	373	373	0	MONTH	TMA	1ST	12/31/1999 24 hr
MINE	429797	5419523	0.05752	371	371	0	MONTH	TMA	1ST	1/31/1999 24 hr
MINE	430769	5417857	0.06061	368	368	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	430769	5418690	0.05479	370	370	0	MONTH	TMA	1ST	12/31/1999 24 hr
MINE	430769	5419523	0.04925	370	370	0	MONTH	TMA	1ST	12/31/1999 24 hr
MINE	431741	5417857	0.05544	396.6	401	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	431741	5418690	0.04831	377.21	390	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	431741	5419523	0.04574	366	366	0	MONTH	TMA	1ST	12/31/1999 24 hr
MINE	432713	5417857	0.05384	373	373	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	432713	5418690	0.04637	376.07	376.07	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	432713	5419523	0.03952	400	400	0	MONTH	TMA	1ST	12/31/1999 24 hr
MINE	433686	5417857	0.04985	374	374	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	433686	5418690	0.04266	390.86	400	0	MONTH	TMA	1ST	2/29/2000 24 hr
MINE	433686	5419523	0.03891	392.42	392.42	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	434658	5417857	0.04494	406	423	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	434658	5418690	0.04029	386.63	390	0	MONTH	TMA	1ST	2/29/2000 24 hr
MINE	434658	5419523	0.03669	388.54	416	0	MONTH	TMA	1ST	2/29/2000 24 hr
MINE	435630	5417857	0.04293	382	404	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	435630	5418690	0.03797	391.41	391.41	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	435630	5419523	0.03525	383.74	401	0	MONTH	TMA	1ST	2/29/2000 24 hr
MINE	433963	5417023	0.05189	408.27	408.27	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	433963	5416051	0.05489	418.31	418.31	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	433963	5415079	0.0604	383.67	383.67	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	433963	5414107	0.05516	377	377	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	433963	5413134	0.06141	389.48	391	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	433963	5412162	0.05302	383.25	383.25	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	433963	5411190	0.05453	387	387	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	433963	5410218	0.05739	381	381	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	433963	5409245	0.05968	372	372	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	433963	5408273	0.04369	385.84	385.84	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	433963	5407301	0.03861	390.12	390.12	0	MONTH	TMA	1ST	7/31/1998 24 hr
MINE	433963	5406329	0.0379	385	385	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	433963	5405357	0.03556	389	389	0	MONTH	TMA	1ST	10/31/1999 24 hr
MINE	433963	5404384	0.03147	377	377	0	MONTH	TMA	1ST	4/30/1996 24 hr
MINE	433963	5403412	0.03007	372	372	0	MONTH	TMA	1ST	4/30/1996 24 hr
MINE	433963	5402440	0.03008	380	380	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	433963	5401468	0.02769	366	366	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	433963	5400495	0.0279	364.03	364.03	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	433963	5399523	0.02902	357	357	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	434797	5417023	0.05091	384.4	433	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	434797	5416051	0.05407	379.08	379.08	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	434797	5415079	0.05296	374.72	374.72	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	434797	5414107	0.04834	387	387	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	434797	5413134	0.0558	400.14	400.14	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	434797	5412162	0.04877	391	391	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	434797	5411190	0.04884	386	386	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	434797	5410218	0.04877	381	381	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	434797	5409245	0.05674	379.42	379.42	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	434797	5408273	0.04349	386.99	386.99	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	434797	5407301	0.03647	390	390	0	MONTH	TMA	1ST	7/31/1998 24 hr
MINE	434797	5406329	0.03322	401	401	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	434797	5405357	0.03276	399	399	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	434797	5404384	0.03113	378	378	0	MONTH	TMA	1ST	10/31/1999 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	434797	5403412	0.02813	373	373	0	MONTH	TMA	1ST	4/30/1996 24 hr
MINE	434797	5402440	0.02671	369	369	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	434797	5401468	0.02628	370.44	370.44	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	434797	5400495	0.02462	361	361	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	434797	5399523	0.02472	359	359	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	435630	5417023	0.04682	385.87	385.87	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	435630	5416051	0.04919	384.39	386	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	435630	5415079	0.04519	403.66	403.66	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	435630	5414107	0.0427	396	396	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	435630	5413134	0.05156	385	385	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	435630	5412162	0.04503	386.78	386.78	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	435630	5411190	0.04384	385	385	0	MONTH	TMA	1ST	12/31/1998 24 hr
MINE	435630	5410218	0.0409	390	390	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	435630	5409245	0.05238	382.49	382.49	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	435630	5408273	0.04381	381	381	0	MONTH	TMA	1ST	1/31/1996 24 hr
MINE	435630	5407301	0.03338	386.5	386.5	0	MONTH	TMA	1ST	7/31/1998 24 hr
MINE	435630	5406329	0.03132	391.74	391.74	0	MONTH	TMA	1ST	8/31/1998 24 hr
MINE	435630	5405357	0.03071	389.76	389.76	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	435630	5404384	0.02899	377.77	377.77	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	435630	5403412	0.02703	375.14	375.14	0	MONTH	TMA	1ST	10/31/1999 24 hr
MINE	435630	5402440	0.02542	368	368	0	MONTH	TMA	1ST	4/30/1996 24 hr
MINE	435630	5401468	0.02405	364	364	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	435630	5400495	0.0234	360	360	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	435630	5399523	0.0221	358	358	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	433130	5401190	0.03225	364.77	364.77	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	433130	5400357	0.03336	360	360	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	433130	5399523	0.03262	360	360	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	432158	5401190	0.03919	373	373	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	432158	5400357	0.03669	358	358	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	432158	5399523	0.03362	357.13	357.13	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	431186	5401190	0.04076	365.75	365.75	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	431186	5400357	0.03641	355.6	355.6	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	431186	5399523	0.03235	357.06	357.06	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430213	5401190	0.03953	353	353	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430213	5400357	0.03502	360	360	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	430213	5399523	0.03062	355	355	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	429241	5401190	0.03927	360	360	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	429241	5400357	0.03436	358.56	358.56	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	429241	5399523	0.03027	359	359	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428269	5401190	0.03865	370	370	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428269	5400357	0.03353	365	365	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	428269	5399523	0.02972	361	361	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427297	5401190	0.03628	375.45	375.45	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427297	5400357	0.03276	363.85	363.85	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	427297	5399523	0.02994	361	361	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426324	5401190	0.03718	371.9	371.9	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426324	5400357	0.03301	368	368	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	426324	5399523	0.02895	366.05	366.05	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	425352	5401190	0.03246	376	376	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	425352	5400357	0.02776	371	371	0	MONTH	TMA	1ST	12/31/1997 24 hr
MINE	425352	5399523	0.02528	370	370	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	424380	5401190	0.036	376.85	376.85	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	424380	5400357	0.03334	375.72	375.72	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	424380	5399523	0.03118	370	370	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423408	5401190	0.03964	379	379	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423408	5400357	0.03586	378	378	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	423408	5399523	0.03356	370	370	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	422436	5401190	0.04955	370	370	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	422436	5400357	0.04427	370.69	370.69	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	422436	5399523	0.03977	366	366	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421463	5401190	0.05453	369.71	369.71	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	421463	5400357	0.04849	367.08	367.08	0	MONTH	TMA	1ST	12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	421463	5399523	0.04336	361.8	361.8	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	420491	5401190	0.05971	363.64	363.64	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	420491	5400357	0.0533	360	360	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	420491	5399523	0.04786	357	357	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419519	5401190	0.06048	358	358	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419519	5400357	0.05465	364.89	364.89	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	419519	5399523	0.04939	357	357	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	418547	5401190	0.05447	363.19	363.19	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	418547	5400357	0.05039	365	365	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	418547	5399523	0.04629	357	357	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	417574	5401190	0.04787	351	351	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	417574	5400357	0.04509	357.18	357.18	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	417574	5399523	0.04246	354	354	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	416602	5401190	0.04021	348	348	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	416602	5400357	0.03849	358.92	358.92	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	416602	5399523	0.03667	350	350	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	415630	5401190	0.03375	347	347	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	415630	5400357	0.0315	349	349	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	415630	5399523	0.03029	349	349	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	417297	5402023	0.04899	357.46	357.46	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	417297	5402995	0.05227	346	346	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	417297	5403968	0.0567	349	349	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	417297	5404940	0.0636	355	355	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	417297	5405912	0.07124	347	347	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	417297	5406884	0.09037	343	343	0	MONTH	TMA	1ST	1/31/1999 24 hr
MINE	417297	5407857	0.10381	340	340	0	MONTH	TMA	1ST	1/31/1999 24 hr
MINE	417297	5408829	0.11926	345	345	0	MONTH	TMA	1ST	1/31/1999 24 hr
MINE	417297	5409801	0.15155	346	346	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	417297	5410773	0.20577	349	349	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	417297	5411745	0.22263	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	417297	5412718	0.21388	363.07	363.07	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	417297	5413690	0.1799	366	366	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	417297	5414662	0.14886	374	374	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	417297	5415634	0.13935	370	370	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	417297	5416607	0.13079	360.98	360.98	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	417297	5417579	0.10836	357	357	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	417297	5418551	0.08912	356	356	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	417297	5419523	0.08202	362.05	362.05	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	416463	5402023	0.04089	346	346	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	416463	5402995	0.04499	346	346	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	416463	5403968	0.05174	348.5	348.5	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	416463	5404940	0.06042	357.45	357.45	0	MONTH	TMA	1ST	1/31/1999 24 hr
MINE	416463	5405912	0.07305	346	346	0	MONTH	TMA	1ST	1/31/1999 24 hr
MINE	416463	5406884	0.07856	343.24	343.24	0	MONTH	TMA	1ST	1/31/1999 24 hr
MINE	416463	5407857	0.08697	340	340	0	MONTH	TMA	1ST	1/31/1999 24 hr
MINE	416463	5408829	0.10457	346.93	346.93	0	MONTH	TMA	1ST	1/31/1999 24 hr
MINE	416463	5409801	0.13892	353.2	353.2	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	416463	5410773	0.16429	357	357	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	416463	5411745	0.16967	356	356	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	416463	5412718	0.16165	369	369	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	416463	5413690	0.14429	369.57	369.57	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	416463	5414662	0.11294	383.43	383.43	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	416463	5415634	0.10665	364.53	364.53	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	416463	5416607	0.10726	361	361	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	416463	5417579	0.10149	360	360	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	416463	5418551	0.08223	359.12	359.12	0	MONTH	TMA	1ST	1/31/1998 24 hr
MINE	416463	5419523	0.06987	353	353	0	MONTH	TMA	1ST	1/31/2000 24 hr
MINE	415630	5402023	0.03794	343.62	343.62	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	415630	5402995	0.04412	346	346	0	MONTH	TMA	1ST	12/31/2000 24 hr
MINE	415630	5403968	0.0519	349	349	0	MONTH	TMA	1ST	1/31/1999 24 hr
MINE	415630	5404940	0.061	360	360	0	MONTH	TMA	1ST	1/31/1999 24 hr
MINE	415630	5405912	0.06185	347	347	0	MONTH	TMA	1ST	1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	415630	5408829	0.09566	348	348	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	415630	5409801	0.12272	354	354	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	415630	5410773	0.13348	363	363	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	415630	5411745	0.13588	369	369	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	415630	5412718	0.12639	371	371	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	415630	5413690	0.11958	380	380	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	415630	5414662	0.09437	374	374	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	415630	5415634	0.08252	367	367	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	415630	5416607	0.08526	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	415630	5417579	0.08688	360	360	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	415630	5418551	0.08059	360.67	360.67	0 MONTH	TMA	1ST		1/31/1998 24 hr
MINE	415630	5419523	0.06464	357	357	0 MONTH	TMA	1ST		1/31/1998 24 hr
	415463	5406675	0.06314	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
	415451	5406279	0.06004	345	345	0 MONTH	TMA	1ST		1/31/1999 24 hr
	414628	5406278	0.05522	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
	414648	5407097	0.06219	340	340	0 MONTH	TMA	1ST		1/31/1999 24 hr
	413820	5407101	0.05555	344.14	344.14	0 MONTH	TMA	1ST		1/31/1999 24 hr
	413844	5407916	0.07041	343	343	0 MONTH	TMA	1ST		1/31/1998 24 hr
	414669	5407897	0.0682	343	343	0 MONTH	TMA	1ST		1/31/1999 24 hr
	414668	5407921	0.06872	343	343	0 MONTH	TMA	1ST		1/31/1998 24 hr
	415890	5407908	0.08125	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
	415869	5407086	0.07079	341	341	0 MONTH	TMA	1ST		1/31/1999 24 hr
	416287	5407081	0.07635	342	342	0 MONTH	TMA	1ST		1/31/1999 24 hr
	416272	5406666	0.07416	344	344	0 MONTH	TMA	1ST		1/31/1999 24 hr
	421918	5404856	0.09667	353.05	353.05	0 MONTH	TMA	1ST		12/31/2000 24 hr
	421094	5404865	0.10436	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
	421106	5405379	0.1158	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
	420730	5405382	0.11798	355	355	0 MONTH	TMA	1ST		12/31/2000 24 hr
	420730	5405796	0.12748	353	353	0 MONTH	TMA	1ST		12/31/2000 24 hr
	419463	5405818	0.11179	353	353	0 MONTH	TMA	1ST		12/31/2000 24 hr
	419463	5406226	0.11934	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
	420291	5406220	0.13661	350	350	0 MONTH	TMA	1ST		12/31/2000 24 hr
	420304	5407038	0.16335	347.43	347.43	0 MONTH	TMA	1ST		12/31/2000 24 hr
	419611	5407048	0.14173	347	347	0 MONTH	TMA	1ST		12/31/2000 24 hr
	419649	5408646	0.19119	347	347	0 MONTH	TMA	1ST		12/31/2000 24 hr
	420388	5408637	0.244	346.92	346.92	0 MONTH	TMA	1ST		12/31/2000 24 hr
	420340	5407829	0.19679	344	344	0 MONTH	TMA	1ST		12/31/2000 24 hr
	421196	5407811	0.2057	350.16	350.16	0 MONTH	TMA	1ST		12/31/2000 24 hr
	421156	5407025	0.16627	352	352	0 MONTH	TMA	1ST		12/31/2000 24 hr
	422795	5406994	0.13051	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
	422806	5407802	0.16277	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
	423617	5407779	0.13783	358.09	358.09	0 MONTH	TMA	1ST		12/31/2000 24 hr
	423599	5406990	0.10766	365.72	365.72	0 MONTH	TMA	1ST		12/31/2000 24 hr
	422786	5406989	0.13073	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
	422771	5406177	0.10901	358	358	0 MONTH	TMA	1ST		12/31/2000 24 hr
	422357	5406187	0.12043	359	359	0 MONTH	TMA	1ST		12/31/2000 24 hr
	422363	5406591	0.13248	357	357	0 MONTH	TMA	1ST		12/31/2000 24 hr
	421964	5406591	0.14142	356	356	0 MONTH	TMA	1ST		12/31/2000 24 hr
	420767	5413450	1.35277	375	375	0 MONTH	TMA	1ST		1/31/1998 24 hr
	420780	5414261	0.68796	377	377	0 MONTH	TMA	1ST		1/31/1998 24 hr
	421449	5414252	1.04866	379.78	379.78	0 MONTH	TMA	1ST		2/28/1998 24 hr
	422377	5414238	1.59101	379	379	0 MONTH	TMA	1ST		2/28/1998 24 hr
	422370	5415036	0.77178	387.39	387.39	0 MONTH	TMA	1ST		2/28/1998 24 hr
	424000	5415015	0.49555	397.45	397.45	0 MONTH	TMA	1ST		2/29/2000 24 hr
	423997	5414610	0.56332	400.01	400.01	0 MONTH	TMA	1ST		2/29/2000 24 hr
	424792	5414601	0.47767	388	388	0 MONTH	TMA	1ST		2/29/2000 24 hr
	424798	5414204	0.58678	389	389	0 MONTH	TMA	1ST		12/31/1998 24 hr
	428817	5414150	0.15098	404	404	0 MONTH	TMA	1ST		12/31/1998 24 hr
	428848	5415656	0.12871	376	421	0 MONTH	TMA	1ST		12/31/1998 24 hr
	429649	5415650	0.11161	394.89	394.89	0 MONTH	TMA	1ST		12/31/1998 24 hr
	429650	5415747	0.11095	388.58	388.58	0 MONTH	TMA	1ST		12/31/1998 24 hr
	431259	5415735	0.08993	378.13	378.13	0 MONTH	TMA	1ST		12/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
431239	5414122	0.09188	376.02	376.02	0	MONTH	TMA	1ST		12/31/1998 24 hr
429628	5414138	0.13139	385.78	385.78	0	MONTH	TMA	1ST		12/31/1998 24 hr
429614	5413326	0.11713	389.97	389.97	0	MONTH	TMA	1ST		12/31/1998 24 hr
428809	5413327	0.14724	390	390	0	MONTH	TMA	1ST		12/31/1998 24 hr
428808	5412548	0.13727	393.59	393.59	0	MONTH	TMA	1ST		12/31/1998 24 hr
430407	5412512	0.09322	389	389	0	MONTH	TMA	1ST		12/31/1998 24 hr
430422	5413312	0.09712	379.63	379.63	0	MONTH	TMA	1ST		12/31/1998 24 hr
431230	5413308	0.08273	376	376	0	MONTH	TMA	1ST		12/31/1997 24 hr
431224	5412901	0.08587	379	379	0	MONTH	TMA	1ST		12/31/1997 24 hr
432035	5412899	0.07571	375.4	375.4	0	MONTH	TMA	1ST		12/31/1997 24 hr
432035	5412495	0.07153	374	374	0	MONTH	TMA	1ST		12/31/2000 24 hr
431223	5412502	0.08227	381	381	0	MONTH	TMA	1ST		12/31/2000 24 hr
431202	5410899	0.0835	382	382	0	MONTH	TMA	1ST		1/31/1996 24 hr
432010	5410893	0.06946	373.96	373.96	0	MONTH	TMA	1ST		1/31/1996 24 hr
431997	5410087	0.07934	378.53	378.53	0	MONTH	TMA	1ST		1/31/1996 24 hr
430381	5410114	0.09437	381	381	0	MONTH	TMA	1ST		1/31/1996 24 hr
430361	5408478	0.06871	377.79	377.79	0	MONTH	TMA	1ST		1/31/2000 24 hr
431008	5408470	0.06149	368.82	368.82	0	MONTH	TMA	1ST		1/31/2000 24 hr
431004	5407564	0.0576	359	359	0	MONTH	TMA	1ST		1/31/2000 24 hr
430203	5407573	0.06126	361	361	0	MONTH	TMA	1ST		1/31/2000 24 hr
430222	5408485	0.07033	378.03	378.03	0	MONTH	TMA	1ST		1/31/2000 24 hr
429414	5408504	0.07792	382.51	382.51	0	MONTH	TMA	1ST		1/31/2000 24 hr
429425	5408830	0.08242	383	383	0	MONTH	TMA	1ST		1/31/2000 24 hr
429102	5408830	0.085	389	389	0	MONTH	TMA	1ST		1/31/2000 24 hr
429093	5408498	0.07949	387	387	0	MONTH	TMA	1ST		1/31/2000 24 hr
429431	5408490	0.07763	382	382	0	MONTH	TMA	1ST		1/31/2000 24 hr
429422	5407591	0.07128	359	359	0	MONTH	TMA	1ST		12/31/1997 24 hr
428564	5407591	0.08747	368.54	368.54	0	MONTH	TMA	1ST		12/31/1997 24 hr
427718	5407601	0.1123	366.38	366.38	0	MONTH	TMA	1ST		12/31/1997 24 hr
427720	5407741	0.11334	366.75	366.75	0	MONTH	TMA	1ST		12/31/1997 24 hr
427700	5407741	0.11398	366	366	0	MONTH	TMA	1ST		12/31/1997 24 hr
426917	5407750	0.1294	351.89	351.89	0	MONTH	TMA	1ST		12/31/1997 24 hr
426068	5407740	0.14223	379.31	379.31	0	MONTH	TMA	1ST		12/31/1997 24 hr
425276	5407752	0.15141	361	361	0	MONTH	TMA	1ST		12/31/1997 24 hr
425245	5406949	0.12087	370	370	0	MONTH	TMA	1ST		12/31/1997 24 hr
424422	5406973	0.11119	365	365	0	MONTH	TMA	1ST		12/31/1997 24 hr
424461	5407786	0.14893	368.75	378	0	MONTH	TMA	1ST		12/31/1997 24 hr
424499	5408579	0.19286	348	348	0	MONTH	TMA	1ST		12/31/1997 24 hr
420692	5408632	0.25648	343.53	343.53	0	MONTH	TMA	1ST		12/31/2000 24 hr
420705	5409438	0.33919	353	353	0	MONTH	TMA	1ST		12/31/2000 24 hr
419681	5409454	0.23751	351.75	351.75	0	MONTH	TMA	1ST		12/31/2000 24 hr
419677	5411057	0.44635	357.98	357.98	0	MONTH	TMA	1ST		1/31/1999 24 hr
418061	5411078	0.27115	349	349	0	MONTH	TMA	1ST		1/31/1998 24 hr
418099	5413503	0.24797	366	366	0	MONTH	TMA	1ST		1/31/1998 24 hr
418914	5413492	0.36704	369.53	369.53	0	MONTH	TMA	1ST		1/31/1998 24 hr
418914	5413081	0.40637	372.14	372.14	0	MONTH	TMA	1ST		1/31/1998 24 hr
419710	5413071	0.69791	380	380	0	MONTH	TMA	1ST		1/31/1998 24 hr
419711	5413468	0.59617	378	378	0	MONTH	TMA	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	415889	5407356	0.02704	340	340	0 ANNUAL	TMA	5	0.89559
PINEGEN	415889	5407406	0.02733	340	340	0 ANNUAL	TMA	5	
PINEGEN	415889	5407456	0.02762	340	340	0 ANNUAL	TMA	5	
PINEGEN	415889	5407506	0.02791	340	340	0 ANNUAL	TMA	5	
PINEGEN	415889	5407556	0.02822	340	340	0 ANNUAL	TMA	5	
PINEGEN	415889	5407606	0.02852	340	340	0 ANNUAL	TMA	5	
PINEGEN	415939	5407356	0.02715	340	340	0 ANNUAL	TMA	5	
PINEGEN	415939	5407406	0.02744	340	340	0 ANNUAL	TMA	5	
PINEGEN	415939	5407456	0.02773	340	340	0 ANNUAL	TMA	5	
PINEGEN	415939	5407506	0.02803	340	340	0 ANNUAL	TMA	5	
PINEGEN	415939	5407556	0.02833	340	340	0 ANNUAL	TMA	5	
PINEGEN	415939	5407606	0.02864	340	340	0 ANNUAL	TMA	5	
PINEGEN	415989	5407356	0.02727	340	340	0 ANNUAL	TMA	5	
PINEGEN	415989	5407406	0.02755	340	340	0 ANNUAL	TMA	5	
PINEGEN	415989	5407456	0.02784	340	340	0 ANNUAL	TMA	5	
PINEGEN	415989	5407506	0.02814	340	340	0 ANNUAL	TMA	5	
PINEGEN	415989	5407556	0.02844	340	340	0 ANNUAL	TMA	5	
PINEGEN	415989	5407606	0.02875	340	340	0 ANNUAL	TMA	5	
PINEGEN	415739	5406656	0.02339	343	343	0 ANNUAL	TMA	5	
PINEGEN	415739	5406606	0.02321	344	344	0 ANNUAL	TMA	5	
PINEGEN	415789	5406656	0.02351	343.4	343.4	0 ANNUAL	TMA	5	
PINEGEN	415789	5406606	0.02332	344	344	0 ANNUAL	TMA	5	
PINEGEN	415839	5406656	0.02364	344	344	0 ANNUAL	TMA	5	
PINEGEN	415839	5406606	0.02344	344	344	0 ANNUAL	TMA	5	
PINEGEN	415889	5407306	0.02677	340	340	0 ANNUAL	TMA	5	
PINEGEN	415889	5407256	0.0265	340.39	340.39	0 ANNUAL	TMA	5	
PINEGEN	415889	5407206	0.02625	341	341	0 ANNUAL	TMA	5	
PINEGEN	415889	5407156	0.02599	341	341	0 ANNUAL	TMA	5	
PINEGEN	415889	5407106	0.02573	341	341	0 ANNUAL	TMA	5	
PINEGEN	415889	5406656	0.02375	343.32	343.32	0 ANNUAL	TMA	5	
PINEGEN	415889	5406606	0.02356	343.86	343.86	0 ANNUAL	TMA	5	
PINEGEN	415939	5407306	0.02688	340	340	0 ANNUAL	TMA	5	
PINEGEN	415939	5407256	0.02663	341	341	0 ANNUAL	TMA	5	
PINEGEN	415939	5407206	0.02636	341	341	0 ANNUAL	TMA	5	
PINEGEN	415939	5407156	0.0261	341	341	0 ANNUAL	TMA	5	
PINEGEN	415939	5407106	0.02585	341	341	0 ANNUAL	TMA	5	
PINEGEN	415939	5406656	0.02386	343	343	0 ANNUAL	TMA	5	
PINEGEN	415939	5406606	0.02367	343	343	0 ANNUAL	TMA	5	
PINEGEN	415989	5407306	0.027	340.32	340.32	0 ANNUAL	TMA	5	
PINEGEN	415989	5407256	0.02674	341	341	0 ANNUAL	TMA	5	
PINEGEN	415989	5407206	0.02648	341	341	0 ANNUAL	TMA	5	
PINEGEN	415989	5407156	0.02622	341	341	0 ANNUAL	TMA	5	
PINEGEN	415989	5407106	0.02597	341.38	341.38	0 ANNUAL	TMA	5	
PINEGEN	415989	5406656	0.02399	343	343	0 ANNUAL	TMA	5	
PINEGEN	415989	5406606	0.0238	343	343	0 ANNUAL	TMA	5	
PINEGEN	415689	5406656	0.02329	343	343	0 ANNUAL	TMA	5	
PINEGEN	415689	5406606	0.0231	344	344	0 ANNUAL	TMA	5	
PINEGEN	415639	5406656	0.02318	343	343	0 ANNUAL	TMA	5	
PINEGEN	415639	5406606	0.02299	344	344	0 ANNUAL	TMA	5	
PINEGEN	415589	5406656	0.02308	343	343	0 ANNUAL	TMA	5	
PINEGEN	415589	5406606	0.02289	343.6	343.6	0 ANNUAL	TMA	5	
PINEGEN	415539	5406656	0.02299	343	343	0 ANNUAL	TMA	5	
PINEGEN	415539	5406606	0.02278	343	343	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	415489	5406656	0.02289	343	343	0 ANNUAL	TMA	5	
PINEGEN	415489	5406606	0.02269	343	343	0 ANNUAL	TMA	5	
PINEGEN	414989	5408006	0.02853	344	344	0 ANNUAL	TMA	5	
PINEGEN	414989	5408106	0.02898	344.02	344.02	0 ANNUAL	TMA	5	
PINEGEN	415089	5408006	0.02884	344	344	0 ANNUAL	TMA	5	
PINEGEN	415089	5408106	0.02933	344.63	344.63	0 ANNUAL	TMA	5	
PINEGEN	415189	5408006	0.02915	344	344	0 ANNUAL	TMA	5	
PINEGEN	415189	5408106	0.02965	344	344	0 ANNUAL	TMA	5	
PINEGEN	415289	5408006	0.02946	344	344	0 ANNUAL	TMA	5	
PINEGEN	415289	5408106	0.02999	344	344	0 ANNUAL	TMA	5	
PINEGEN	415389	5408006	0.02975	343	343	0 ANNUAL	TMA	5	
PINEGEN	415389	5408106	0.03032	344	344	0 ANNUAL	TMA	5	
PINEGEN	415489	5408006	0.03005	343	343	0 ANNUAL	TMA	5	
PINEGEN	415489	5408106	0.03065	344	344	0 ANNUAL	TMA	5	
PINEGEN	415589	5408006	0.03035	343	343	0 ANNUAL	TMA	5	
PINEGEN	415589	5408106	0.03097	343.95	343.95	0 ANNUAL	TMA	5	
PINEGEN	415689	5408006	0.03064	342.7	342.7	0 ANNUAL	TMA	5	
PINEGEN	415689	5408106	0.03127	343.02	343.02	0 ANNUAL	TMA	5	
PINEGEN	415789	5408006	0.0309	342	342	0 ANNUAL	TMA	5	
PINEGEN	415789	5408106	0.03158	343	343	0 ANNUAL	TMA	5	
PINEGEN	415889	5407706	0.02918	341	341	0 ANNUAL	TMA	5	
PINEGEN	415889	5407806	0.02983	341	341	0 ANNUAL	TMA	5	
PINEGEN	415889	5408006	0.03119	342	342	0 ANNUAL	TMA	5	
PINEGEN	415889	5408106	0.03189	343	343	0 ANNUAL	TMA	5	
PINEGEN	415989	5407706	0.02939	340	340	0 ANNUAL	TMA	5	
PINEGEN	415989	5407806	0.03004	340	340	0 ANNUAL	TMA	5	
PINEGEN	415989	5407906	0.03075	341	341	0 ANNUAL	TMA	5	
PINEGEN	415989	5408006	0.03145	341.44	341.44	0 ANNUAL	TMA	5	
PINEGEN	415989	5408106	0.03216	342	342	0 ANNUAL	TMA	5	
PINEGEN	416089	5407706	0.02963	340	340	0 ANNUAL	TMA	5	
PINEGEN	416089	5407806	0.03029	340	340	0 ANNUAL	TMA	5	
PINEGEN	416089	5407906	0.031	340.64	340.64	0 ANNUAL	TMA	5	
PINEGEN	416089	5408006	0.03171	341	341	0 ANNUAL	TMA	5	
PINEGEN	416089	5408106	0.03246	342	342	0 ANNUAL	TMA	5	
PINEGEN	416189	5407706	0.02988	340	340	0 ANNUAL	TMA	5	
PINEGEN	416189	5407806	0.03055	340	340	0 ANNUAL	TMA	5	
PINEGEN	416189	5407906	0.03124	340	340	0 ANNUAL	TMA	5	
PINEGEN	416189	5408006	0.03199	341	341	0 ANNUAL	TMA	5	
PINEGEN	416189	5408106	0.03275	342	342	0 ANNUAL	TMA	5	
PINEGEN	416289	5407706	0.03015	340	340	0 ANNUAL	TMA	5	
PINEGEN	416289	5407806	0.03082	340	340	0 ANNUAL	TMA	5	
PINEGEN	416289	5407906	0.03152	340	340	0 ANNUAL	TMA	5	
PINEGEN	416289	5408006	0.03227	341	341	0 ANNUAL	TMA	5	
PINEGEN	416289	5408106	0.03303	341.4	341.4	0 ANNUAL	TMA	5	
PINEGEN	416389	5407706	0.03044	340	340	0 ANNUAL	TMA	5	
PINEGEN	416389	5407806	0.03111	340	340	0 ANNUAL	TMA	5	
PINEGEN	416389	5407906	0.03181	340	340	0 ANNUAL	TMA	5	
PINEGEN	416389	5408006	0.03254	340.05	340.05	0 ANNUAL	TMA	5	
PINEGEN	416389	5408106	0.03333	341	341	0 ANNUAL	TMA	5	
PINEGEN	416489	5407706	0.03075	340	340	0 ANNUAL	TMA	5	
PINEGEN	416489	5407806	0.03142	340	340	0 ANNUAL	TMA	5	
PINEGEN	416489	5407906	0.03211	340	340	0 ANNUAL	TMA	5	
PINEGEN	416489	5408006	0.03285	340	340	0 ANNUAL	TMA	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	416489	5408106	0.03363	340.58	340.58	0 ANNUAL	TMA	5	
PINEGEN	416089	5407606	0.02899	340	340	0 ANNUAL	TMA	5	
PINEGEN	416089	5407506	0.02838	340	340	0 ANNUAL	TMA	5	
PINEGEN	416089	5407406	0.02779	340	340	0 ANNUAL	TMA	5	
PINEGEN	416089	5407306	0.02726	341	341	0 ANNUAL	TMA	5	
PINEGEN	416089	5407206	0.02672	341	341	0 ANNUAL	TMA	5	
PINEGEN	416089	5407106	0.02624	342	342	0 ANNUAL	TMA	5	
PINEGEN	416089	5406606	0.02409	344	344	0 ANNUAL	TMA	5	
PINEGEN	416089	5406506	0.02373	344.9	344.9	0 ANNUAL	TMA	5	
PINEGEN	416089	5406406	0.02338	345	345	0 ANNUAL	TMA	5	
PINEGEN	416089	5406306	0.02305	345	345	0 ANNUAL	TMA	5	
PINEGEN	416089	5406206	0.02275	346	346	0 ANNUAL	TMA	5	
PINEGEN	416089	5406106	0.02245	346.07	346.07	0 ANNUAL	TMA	5	
PINEGEN	416189	5407606	0.02924	340	340	0 ANNUAL	TMA	5	
PINEGEN	416189	5407506	0.02863	340	340	0 ANNUAL	TMA	5	
PINEGEN	416189	5407406	0.02807	340.88	340.88	0 ANNUAL	TMA	5	
PINEGEN	416189	5407306	0.02752	341	341	0 ANNUAL	TMA	5	
PINEGEN	416189	5407206	0.02699	341	341	0 ANNUAL	TMA	5	
PINEGEN	416189	5407106	0.0265	342	342	0 ANNUAL	TMA	5	
PINEGEN	416189	5406606	0.02438	344.4	344.4	0 ANNUAL	TMA	5	
PINEGEN	416189	5406506	0.02402	345	345	0 ANNUAL	TMA	5	
PINEGEN	416189	5406406	0.02368	345.2	345.2	0 ANNUAL	TMA	5	
PINEGEN	416189	5406306	0.02336	346	346	0 ANNUAL	TMA	5	
PINEGEN	416189	5406206	0.02306	346.79	346.79	0 ANNUAL	TMA	5	
PINEGEN	416189	5406106	0.02276	347	347	0 ANNUAL	TMA	5	
PINEGEN	416289	5407606	0.02951	340	340	0 ANNUAL	TMA	5	
PINEGEN	416289	5407506	0.02891	340	340	0 ANNUAL	TMA	5	
PINEGEN	416289	5407406	0.02834	340.81	340.81	0 ANNUAL	TMA	5	
PINEGEN	416289	5407306	0.0278	341	341	0 ANNUAL	TMA	5	
PINEGEN	416289	5407206	0.02728	341.41	341.41	0 ANNUAL	TMA	5	
PINEGEN	416289	5407106	0.02679	342	342	0 ANNUAL	TMA	5	
PINEGEN	416289	5407006	0.02633	343	343	0 ANNUAL	TMA	5	
PINEGEN	416289	5406906	0.02588	343	343	0 ANNUAL	TMA	5	
PINEGEN	416289	5406806	0.02547	344	344	0 ANNUAL	TMA	5	
PINEGEN	416289	5406706	0.02506	344	344	0 ANNUAL	TMA	5	
PINEGEN	416289	5406606	0.02469	345	345	0 ANNUAL	TMA	5	
PINEGEN	416289	5406506	0.02432	345	345	0 ANNUAL	TMA	5	
PINEGEN	416289	5406406	0.02399	346	346	0 ANNUAL	TMA	5	
PINEGEN	416289	5406306	0.02366	346	346	0 ANNUAL	TMA	5	
PINEGEN	416289	5406206	0.02336	347	347	0 ANNUAL	TMA	5	
PINEGEN	416289	5406106	0.02305	347	347	0 ANNUAL	TMA	5	
PINEGEN	416389	5407606	0.02981	340	340	0 ANNUAL	TMA	5	
PINEGEN	416389	5407506	0.0292	340	340	0 ANNUAL	TMA	5	
PINEGEN	416389	5407406	0.02865	341	341	0 ANNUAL	TMA	5	
PINEGEN	416389	5407306	0.0281	341	341	0 ANNUAL	TMA	5	
PINEGEN	416389	5407206	0.02759	342	342	0 ANNUAL	TMA	5	
PINEGEN	416389	5407106	0.02709	342	342	0 ANNUAL	TMA	5	
PINEGEN	416389	5407006	0.02664	343	343	0 ANNUAL	TMA	5	
PINEGEN	416389	5406906	0.02619	343	343	0 ANNUAL	TMA	5	
PINEGEN	416389	5406806	0.02578	344	344	0 ANNUAL	TMA	5	
PINEGEN	416389	5406706	0.02537	344	344	0 ANNUAL	TMA	5	
PINEGEN	416389	5406606	0.025	345	345	0 ANNUAL	TMA	5	
PINEGEN	416389	5406506	0.02464	345	345	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	416389	5406406	0.02429	345	345	0 ANNUAL	TMA	5	
PINEGEN	416389	5406306	0.02397	345.75	345.75	0 ANNUAL	TMA	5	
PINEGEN	416389	5406206	0.02365	346	346	0 ANNUAL	TMA	5	
PINEGEN	416389	5406106	0.02333	346	346	0 ANNUAL	TMA	5	
PINEGEN	416489	5407606	0.03012	340	340	0 ANNUAL	TMA	5	
PINEGEN	416489	5407506	0.02951	340	340	0 ANNUAL	TMA	5	
PINEGEN	416489	5407406	0.02896	341	341	0 ANNUAL	TMA	5	
PINEGEN	416489	5407306	0.02841	341	341	0 ANNUAL	TMA	5	
PINEGEN	416489	5407206	0.02791	342	342	0 ANNUAL	TMA	5	
PINEGEN	416489	5407106	0.02742	342	342	0 ANNUAL	TMA	5	
PINEGEN	416489	5407006	0.02696	343	343	0 ANNUAL	TMA	5	
PINEGEN	416489	5406906	0.02651	343	343	0 ANNUAL	TMA	5	
PINEGEN	416489	5406806	0.0261	344	344	0 ANNUAL	TMA	5	
PINEGEN	416489	5406706	0.0257	344	344	0 ANNUAL	TMA	5	
PINEGEN	416489	5406606	0.02531	344	344	0 ANNUAL	TMA	5	
PINEGEN	416489	5406506	0.02494	344	344	0 ANNUAL	TMA	5	
PINEGEN	416489	5406406	0.02459	344	344	0 ANNUAL	TMA	5	
PINEGEN	416489	5406306	0.02425	344	344	0 ANNUAL	TMA	5	
PINEGEN	416489	5406206	0.02392	344.51	344.51	0 ANNUAL	TMA	5	
PINEGEN	416489	5406106	0.02361	345	345	0 ANNUAL	TMA	5	
PINEGEN	415989	5406506	0.02344	344	344	0 ANNUAL	TMA	5	
PINEGEN	415989	5406406	0.02309	344	344	0 ANNUAL	TMA	5	
PINEGEN	415989	5406306	0.02277	345	345	0 ANNUAL	TMA	5	
PINEGEN	415989	5406206	0.02245	345	345	0 ANNUAL	TMA	5	
PINEGEN	415989	5406106	0.02217	346	346	0 ANNUAL	TMA	5	
PINEGEN	415889	5406506	0.02318	344	344	0 ANNUAL	TMA	5	
PINEGEN	415889	5406406	0.02283	344.45	344.45	0 ANNUAL	TMA	5	
PINEGEN	415889	5406306	0.02249	344.72	344.72	0 ANNUAL	TMA	5	
PINEGEN	415889	5406206	0.02218	345	345	0 ANNUAL	TMA	5	
PINEGEN	415889	5406106	0.02188	345	345	0 ANNUAL	TMA	5	
PINEGEN	415789	5406506	0.02294	344	344	0 ANNUAL	TMA	5	
PINEGEN	415789	5406406	0.02259	345	345	0 ANNUAL	TMA	5	
PINEGEN	415789	5406306	0.02225	345.63	345.63	0 ANNUAL	TMA	5	
PINEGEN	415789	5406206	0.02193	346	346	0 ANNUAL	TMA	5	
PINEGEN	415789	5406106	0.02163	346	346	0 ANNUAL	TMA	5	
PINEGEN	415689	5406506	0.02271	344.06	344.06	0 ANNUAL	TMA	5	
PINEGEN	415689	5406406	0.02235	345	345	0 ANNUAL	TMA	5	
PINEGEN	415689	5406306	0.022	345	345	0 ANNUAL	TMA	5	
PINEGEN	415689	5406206	0.02169	346	346	0 ANNUAL	TMA	5	
PINEGEN	415689	5406106	0.02138	346	346	0 ANNUAL	TMA	5	
PINEGEN	415589	5406506	0.0225	344	344	0 ANNUAL	TMA	5	
PINEGEN	415589	5406406	0.02212	344	344	0 ANNUAL	TMA	5	
PINEGEN	415589	5406306	0.02178	345	345	0 ANNUAL	TMA	5	
PINEGEN	415589	5406206	0.02146	346	346	0 ANNUAL	TMA	5	
PINEGEN	415589	5406106	0.02114	346	346	0 ANNUAL	TMA	5	
PINEGEN	415489	5406506	0.02229	343.44	343.44	0 ANNUAL	TMA	5	
PINEGEN	415489	5406406	0.02192	344	344	0 ANNUAL	TMA	5	
PINEGEN	415489	5406306	0.02157	345	345	0 ANNUAL	TMA	5	
PINEGEN	415489	5406206	0.02123	345	345	0 ANNUAL	TMA	5	
PINEGEN	415489	5406106	0.02092	345.84	345.84	0 ANNUAL	TMA	5	
PINEGEN	415389	5406206	0.02103	345	345	0 ANNUAL	TMA	5	
PINEGEN	415389	5406106	0.02071	345	345	0 ANNUAL	TMA	5	
PINEGEN	415289	5406206	0.02084	344	344	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	415289	5406106	0.02052	345	345	0 ANNUAL	TMA	5	
PINEGEN	415189	5406206	0.02067	344	344	0 ANNUAL	TMA	5	
PINEGEN	415189	5406106	0.02034	344.65	344.65	0 ANNUAL	TMA	5	
PINEGEN	415089	5406206	0.02051	344	344	0 ANNUAL	TMA	5	
PINEGEN	415089	5406106	0.02018	344.72	344.72	0 ANNUAL	TMA	5	
PINEGEN	414989	5406206	0.02037	344	344	0 ANNUAL	TMA	5	
PINEGEN	414989	5406106	0.02002	344	344	0 ANNUAL	TMA	5	
PINEGEN	414889	5406206	0.02022	343	343	0 ANNUAL	TMA	5	
PINEGEN	414889	5406106	0.01987	343	343	0 ANNUAL	TMA	5	
PINEGEN	414789	5406206	0.02008	342	342	0 ANNUAL	TMA	5	
PINEGEN	414789	5406106	0.01973	342	342	0 ANNUAL	TMA	5	
PINEGEN	414689	5406206	0.01995	341	341	0 ANNUAL	TMA	5	
PINEGEN	414689	5406106	0.01961	342	342	0 ANNUAL	TMA	5	
PINEGEN	414589	5406506	0.02096	340	340	0 ANNUAL	TMA	5	
PINEGEN	414589	5406406	0.02058	341	341	0 ANNUAL	TMA	5	
PINEGEN	414589	5406306	0.02021	341	341	0 ANNUAL	TMA	5	
PINEGEN	414589	5406206	0.01985	341.73	341.73	0 ANNUAL	TMA	5	
PINEGEN	414589	5406106	0.0195	342	342	0 ANNUAL	TMA	5	
PINEGEN	414489	5406506	0.02084	340	340	0 ANNUAL	TMA	5	
PINEGEN	414489	5406406	0.02047	341	341	0 ANNUAL	TMA	5	
PINEGEN	414489	5406306	0.02009	341	341	0 ANNUAL	TMA	5	
PINEGEN	414489	5406206	0.01974	341.8	341.8	0 ANNUAL	TMA	5	
PINEGEN	414489	5406106	0.01939	342	342	0 ANNUAL	TMA	5	
PINEGEN	414889	5408006	0.02821	344	344	0 ANNUAL	TMA	5	
PINEGEN	414889	5408106	0.02864	344	344	0 ANNUAL	TMA	5	
PINEGEN	414789	5408006	0.02787	343.11	343.11	0 ANNUAL	TMA	5	
PINEGEN	414789	5408106	0.02829	344	344	0 ANNUAL	TMA	5	
PINEGEN	414689	5408006	0.02755	343	343	0 ANNUAL	TMA	5	
PINEGEN	414689	5408106	0.02794	344	344	0 ANNUAL	TMA	5	
PINEGEN	414589	5406606	0.02135	340	340	0 ANNUAL	TMA	5	
PINEGEN	414589	5406706	0.02176	340	340	0 ANNUAL	TMA	5	
PINEGEN	414589	5406806	0.02217	340	340	0 ANNUAL	TMA	5	
PINEGEN	414589	5406906	0.02259	340	340	0 ANNUAL	TMA	5	
PINEGEN	414589	5407006	0.02301	340	340	0 ANNUAL	TMA	5	
PINEGEN	414589	5407906	0.02684	342.66	342.66	0 ANNUAL	TMA	5	
PINEGEN	414589	5408006	0.02722	343	343	0 ANNUAL	TMA	5	
PINEGEN	414589	5408106	0.02759	344	344	0 ANNUAL	TMA	5	
PINEGEN	414489	5406606	0.02123	340	340	0 ANNUAL	TMA	5	
PINEGEN	414489	5406706	0.02162	340	340	0 ANNUAL	TMA	5	
PINEGEN	414489	5406806	0.02203	340	340	0 ANNUAL	TMA	5	
PINEGEN	414489	5406906	0.02244	340	340	0 ANNUAL	TMA	5	
PINEGEN	414489	5407006	0.02285	340	340	0 ANNUAL	TMA	5	
PINEGEN	414489	5407906	0.02655	343	343	0 ANNUAL	TMA	5	
PINEGEN	414489	5408006	0.02689	343	343	0 ANNUAL	TMA	5	
PINEGEN	414489	5408106	0.02724	344	344	0 ANNUAL	TMA	5	
PINEGEN	414489	5408306	0.02782	345	345	0 ANNUAL	TMA	5	
PINEGEN	414489	5408506	0.02827	346	346	0 ANNUAL	TMA	5	
PINEGEN	414489	5408706	0.02857	347	347	0 ANNUAL	TMA	5	
PINEGEN	414489	5408906	0.02871	348	348	0 ANNUAL	TMA	5	
PINEGEN	414489	5409106	0.0287	349	349	0 ANNUAL	TMA	5	
PINEGEN	414689	5408306	0.02864	345	345	0 ANNUAL	TMA	5	
PINEGEN	414689	5408506	0.0292	345.63	345.63	0 ANNUAL	TMA	5	
PINEGEN	414689	5408706	0.02962	346.26	346.26	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	414689	5408906	0.02989	347.9	347.9	0 ANNUAL	TMA	5	
PINEGEN	414689	5409106	0.02997	349	349	0 ANNUAL	TMA	5	
PINEGEN	414889	5408306	0.02945	345	345	0 ANNUAL	TMA	5	
PINEGEN	414889	5408506	0.03014	346	346	0 ANNUAL	TMA	5	
PINEGEN	414889	5408706	0.0307	347	347	0 ANNUAL	TMA	5	
PINEGEN	414889	5408906	0.03106	347.03	347.03	0 ANNUAL	TMA	5	
PINEGEN	414889	5409106	0.03126	348	348	0 ANNUAL	TMA	5	
PINEGEN	415089	5408306	0.03024	345	345	0 ANNUAL	TMA	5	
PINEGEN	415089	5408506	0.03106	346	346	0 ANNUAL	TMA	5	
PINEGEN	415089	5408706	0.03175	347	347	0 ANNUAL	TMA	5	
PINEGEN	415089	5408906	0.03228	348	348	0 ANNUAL	TMA	5	
PINEGEN	415089	5409106	0.03262	349	349	0 ANNUAL	TMA	5	
PINEGEN	415289	5408306	0.03102	345	345	0 ANNUAL	TMA	5	
PINEGEN	415289	5408506	0.03197	346	346	0 ANNUAL	TMA	5	
PINEGEN	415289	5408706	0.0328	347	347	0 ANNUAL	TMA	5	
PINEGEN	415289	5408906	0.03348	348	348	0 ANNUAL	TMA	5	
PINEGEN	415289	5409106	0.03397	349	349	0 ANNUAL	TMA	5	
PINEGEN	415489	5408306	0.03179	345	345	0 ANNUAL	TMA	5	
PINEGEN	415489	5408506	0.03286	346	346	0 ANNUAL	TMA	5	
PINEGEN	415489	5408706	0.03384	347	347	0 ANNUAL	TMA	5	
PINEGEN	415489	5408906	0.03468	348	348	0 ANNUAL	TMA	5	
PINEGEN	415489	5409106	0.03534	349	349	0 ANNUAL	TMA	5	
PINEGEN	415689	5408306	0.03253	344	344	0 ANNUAL	TMA	5	
PINEGEN	415689	5408506	0.03375	346	346	0 ANNUAL	TMA	5	
PINEGEN	415689	5408706	0.03487	347	347	0 ANNUAL	TMA	5	
PINEGEN	415689	5408906	0.03588	348.55	348.55	0 ANNUAL	TMA	5	
PINEGEN	415689	5409106	0.03673	350	350	0 ANNUAL	TMA	5	
PINEGEN	415889	5408306	0.03324	343	343	0 ANNUAL	TMA	5	
PINEGEN	415889	5408506	0.03458	344	344	0 ANNUAL	TMA	5	
PINEGEN	415889	5408706	0.03589	347	347	0 ANNUAL	TMA	5	
PINEGEN	415889	5408906	0.03708	349	349	0 ANNUAL	TMA	5	
PINEGEN	415889	5409106	0.03809	350	350	0 ANNUAL	TMA	5	
PINEGEN	416089	5408306	0.03395	343	343	0 ANNUAL	TMA	5	
PINEGEN	416089	5408506	0.03537	342	342	0 ANNUAL	TMA	5	
PINEGEN	416089	5408706	0.03686	345	345	0 ANNUAL	TMA	5	
PINEGEN	416089	5408906	0.03824	347.97	347.97	0 ANNUAL	TMA	5	
PINEGEN	416089	5409106	0.03946	350	350	0 ANNUAL	TMA	5	
PINEGEN	416289	5408306	0.03461	342	342	0 ANNUAL	TMA	5	
PINEGEN	416289	5408506	0.0362	342	342	0 ANNUAL	TMA	5	
PINEGEN	416289	5408706	0.03775	342	342	0 ANNUAL	TMA	5	
PINEGEN	416289	5408906	0.03939	346.94	346.94	0 ANNUAL	TMA	5	
PINEGEN	416289	5409106	0.04084	350	350	0 ANNUAL	TMA	5	
PINEGEN	416489	5408306	0.03529	341.92	341.92	0 ANNUAL	TMA	5	
PINEGEN	416489	5408506	0.03702	343	343	0 ANNUAL	TMA	5	
PINEGEN	416489	5408706	0.03882	345.23	345.23	0 ANNUAL	TMA	5	
PINEGEN	416489	5408906	0.04059	348	348	0 ANNUAL	TMA	5	
PINEGEN	416489	5409106	0.04222	350	350	0 ANNUAL	TMA	5	
PINEGEN	416689	5408306	0.03606	344	344	0 ANNUAL	TMA	5	
PINEGEN	416689	5408506	0.0379	345.73	345.73	0 ANNUAL	TMA	5	
PINEGEN	416689	5408706	0.03981	347	347	0 ANNUAL	TMA	5	
PINEGEN	416689	5408906	0.04173	348	348	0 ANNUAL	TMA	5	
PINEGEN	416689	5409106	0.04356	349	349	0 ANNUAL	TMA	5	
PINEGEN	416889	5408306	0.03685	344	344	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	416889	5408506	0.03871	345	345	0 ANNUAL	TMA	5	
PINEGEN	416889	5408706	0.04068	345.23	345.23	0 ANNUAL	TMA	5	
PINEGEN	416889	5408906	0.04275	346	346	0 ANNUAL	TMA	5	
PINEGEN	416889	5409106	0.04483	347	347	0 ANNUAL	TMA	5	
PINEGEN	417089	5408306	0.03767	342	342	0 ANNUAL	TMA	5	
PINEGEN	417089	5408506	0.0395	342	342	0 ANNUAL	TMA	5	
PINEGEN	417089	5408706	0.04155	343	343	0 ANNUAL	TMA	5	
PINEGEN	417089	5408906	0.04374	343.45	343.45	0 ANNUAL	TMA	5	
PINEGEN	417089	5409106	0.04604	345	345	0 ANNUAL	TMA	5	
PINEGEN	417289	5408306	0.03869	342.14	342.14	0 ANNUAL	TMA	5	
PINEGEN	417289	5408506	0.04058	343.33	343.33	0 ANNUAL	TMA	5	
PINEGEN	417289	5408706	0.04265	344	344	0 ANNUAL	TMA	5	
PINEGEN	417289	5408906	0.04493	345	345	0 ANNUAL	TMA	5	
PINEGEN	417289	5409106	0.04733	345	345	0 ANNUAL	TMA	5	
PINEGEN	417489	5408306	0.03983	343	343	0 ANNUAL	TMA	5	
PINEGEN	417489	5408506	0.04177	344	344	0 ANNUAL	TMA	5	
PINEGEN	417489	5408706	0.04384	344.08	344.08	0 ANNUAL	TMA	5	
PINEGEN	417489	5408906	0.04617	345	345	0 ANNUAL	TMA	5	
PINEGEN	417489	5409106	0.04872	346	346	0 ANNUAL	TMA	5	
PINEGEN	416689	5408106	0.03438	342.72	342.72	0 ANNUAL	TMA	5	
PINEGEN	416689	5407906	0.03282	341	341	0 ANNUAL	TMA	5	
PINEGEN	416689	5407706	0.03144	340	340	0 ANNUAL	TMA	5	
PINEGEN	416689	5407506	0.0302	340	340	0 ANNUAL	TMA	5	
PINEGEN	416689	5407306	0.0291	340.88	340.88	0 ANNUAL	TMA	5	
PINEGEN	416689	5407106	0.02808	341	341	0 ANNUAL	TMA	5	
PINEGEN	416689	5406906	0.02717	342	342	0 ANNUAL	TMA	5	
PINEGEN	416689	5406706	0.02635	342.88	342.88	0 ANNUAL	TMA	5	
PINEGEN	416689	5406506	0.02558	343.3	343.3	0 ANNUAL	TMA	5	
PINEGEN	416689	5406306	0.02486	344.04	344.04	0 ANNUAL	TMA	5	
PINEGEN	416689	5406106	0.02417	345	345	0 ANNUAL	TMA	5	
PINEGEN	416689	5405906	0.02348	346	346	0 ANNUAL	TMA	5	
PINEGEN	416689	5405706	0.02279	347	347	0 ANNUAL	TMA	5	
PINEGEN	416689	5405506	0.02209	348	348	0 ANNUAL	TMA	5	
PINEGEN	416689	5405306	0.0214	349	349	0 ANNUAL	TMA	5	
PINEGEN	416689	5405106	0.02071	350	350	0 ANNUAL	TMA	5	
PINEGEN	416889	5408106	0.03516	343	343	0 ANNUAL	TMA	5	
PINEGEN	416889	5407906	0.0336	341	341	0 ANNUAL	TMA	5	
PINEGEN	416889	5407706	0.03221	340	340	0 ANNUAL	TMA	5	
PINEGEN	416889	5407506	0.03096	340	340	0 ANNUAL	TMA	5	
PINEGEN	416889	5407306	0.02982	340	340	0 ANNUAL	TMA	5	
PINEGEN	416889	5407106	0.02881	341	341	0 ANNUAL	TMA	5	
PINEGEN	416889	5406906	0.02789	342	342	0 ANNUAL	TMA	5	
PINEGEN	416889	5406706	0.02705	343	343	0 ANNUAL	TMA	5	
PINEGEN	416889	5406506	0.02625	344	344	0 ANNUAL	TMA	5	
PINEGEN	416889	5406306	0.02547	345	345	0 ANNUAL	TMA	5	
PINEGEN	416889	5406106	0.02469	345	345	0 ANNUAL	TMA	5	
PINEGEN	416889	5405906	0.02392	346	346	0 ANNUAL	TMA	5	
PINEGEN	416889	5405706	0.02315	347	347	0 ANNUAL	TMA	5	
PINEGEN	416889	5405506	0.02238	348	348	0 ANNUAL	TMA	5	
PINEGEN	416889	5405306	0.02164	349.09	349.09	0 ANNUAL	TMA	5	
PINEGEN	416889	5405106	0.02091	350.12	350.12	0 ANNUAL	TMA	5	
PINEGEN	417089	5408106	0.03602	342	342	0 ANNUAL	TMA	5	
PINEGEN	417089	5407906	0.03447	341	341	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	417089	5407706	0.03305	340	340	0 ANNUAL	TMA	5	
PINEGEN	417089	5407506	0.03178	340	340	0 ANNUAL	TMA	5	
PINEGEN	417089	5407306	0.03061	340	340	0 ANNUAL	TMA	5	
PINEGEN	417089	5407106	0.02958	341	341	0 ANNUAL	TMA	5	
PINEGEN	417089	5406906	0.02863	342	342	0 ANNUAL	TMA	5	
PINEGEN	417089	5406706	0.02773	343	343	0 ANNUAL	TMA	5	
PINEGEN	417089	5406506	0.02687	344	344	0 ANNUAL	TMA	5	
PINEGEN	417089	5406306	0.02601	345	345	0 ANNUAL	TMA	5	
PINEGEN	417089	5406106	0.02515	346	346	0 ANNUAL	TMA	5	
PINEGEN	417089	5405906	0.0243	347	347	0 ANNUAL	TMA	5	
PINEGEN	417089	5405706	0.02346	347.89	347.89	0 ANNUAL	TMA	5	
PINEGEN	417089	5405506	0.02264	349	349	0 ANNUAL	TMA	5	
PINEGEN	417089	5405306	0.02185	350	350	0 ANNUAL	TMA	5	
PINEGEN	417089	5405106	0.0211	351.14	351.14	0 ANNUAL	TMA	5	
PINEGEN	417289	5408106	0.03696	341	341	0 ANNUAL	TMA	5	
PINEGEN	417289	5407906	0.03537	340	340	0 ANNUAL	TMA	5	
PINEGEN	417289	5407706	0.03394	340	340	0 ANNUAL	TMA	5	
PINEGEN	417289	5407506	0.03263	340	340	0 ANNUAL	TMA	5	
PINEGEN	417289	5407306	0.03147	341	341	0 ANNUAL	TMA	5	
PINEGEN	417289	5407106	0.03039	342	342	0 ANNUAL	TMA	5	
PINEGEN	417289	5406906	0.02938	343	343	0 ANNUAL	TMA	5	
PINEGEN	417289	5406706	0.02839	343.3	343.3	0 ANNUAL	TMA	5	
PINEGEN	417289	5406506	0.02742	344	344	0 ANNUAL	TMA	5	
PINEGEN	417289	5406306	0.02647	345	345	0 ANNUAL	TMA	5	
PINEGEN	417289	5406106	0.02552	346	346	0 ANNUAL	TMA	5	
PINEGEN	417289	5405906	0.0246	347	347	0 ANNUAL	TMA	5	
PINEGEN	417289	5405706	0.0237	348	348	0 ANNUAL	TMA	5	
PINEGEN	417289	5405506	0.02284	349	349	0 ANNUAL	TMA	5	
PINEGEN	417289	5405306	0.02203	350	350	0 ANNUAL	TMA	5	
PINEGEN	417289	5405106	0.02129	353	353	0 ANNUAL	TMA	5	
PINEGEN	417489	5408106	0.03804	342	342	0 ANNUAL	TMA	5	
PINEGEN	417489	5407906	0.03639	341	341	0 ANNUAL	TMA	5	
PINEGEN	417489	5407706	0.03487	340	340	0 ANNUAL	TMA	5	
PINEGEN	417489	5407506	0.03352	340	340	0 ANNUAL	TMA	5	
PINEGEN	417489	5407306	0.0323	341	341	0 ANNUAL	TMA	5	
PINEGEN	417489	5407106	0.03116	341.99	341.99	0 ANNUAL	TMA	5	
PINEGEN	417489	5406906	0.03003	342	342	0 ANNUAL	TMA	5	
PINEGEN	417489	5406706	0.02896	343	343	0 ANNUAL	TMA	5	
PINEGEN	417489	5406506	0.02789	344	344	0 ANNUAL	TMA	5	
PINEGEN	417489	5406306	0.02685	345	345	0 ANNUAL	TMA	5	
PINEGEN	417489	5406106	0.02583	346	346	0 ANNUAL	TMA	5	
PINEGEN	417489	5405906	0.02485	347	347	0 ANNUAL	TMA	5	
PINEGEN	417489	5405706	0.02391	348	348	0 ANNUAL	TMA	5	
PINEGEN	417489	5405506	0.02303	348.07	348.07	0 ANNUAL	TMA	5	
PINEGEN	417489	5405306	0.02222	349.95	349.95	0 ANNUAL	TMA	5	
PINEGEN	417489	5405106	0.02146	352.34	352.34	0 ANNUAL	TMA	5	
PINEGEN	416489	5405906	0.02298	346	346	0 ANNUAL	TMA	5	
PINEGEN	416489	5405706	0.02236	347	347	0 ANNUAL	TMA	5	
PINEGEN	416489	5405506	0.02174	348	348	0 ANNUAL	TMA	5	
PINEGEN	416489	5405306	0.02111	349	349	0 ANNUAL	TMA	5	
PINEGEN	416489	5405106	0.02049	350.98	350.98	0 ANNUAL	TMA	5	
PINEGEN	416289	5405906	0.02246	347	347	0 ANNUAL	TMA	5	
PINEGEN	416289	5405706	0.02187	346	346	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	416289	5405506	0.02132	347.84	347.84	0 ANNUAL	TMA	5	
PINEGEN	416289	5405306	0.02079	351.47	351.47	0 ANNUAL	TMA	5	
PINEGEN	416289	5405106	0.02027	359.11	359.11	0 ANNUAL	TMA	5	
PINEGEN	416089	5405906	0.02192	348	348	0 ANNUAL	TMA	5	
PINEGEN	416089	5405706	0.02139	348	348	0 ANNUAL	TMA	5	
PINEGEN	416089	5405506	0.02086	347	347	0 ANNUAL	TMA	5	
PINEGEN	416089	5405306	0.02038	350.6	350.6	0 ANNUAL	TMA	5	
PINEGEN	416089	5405106	0.01994	361	361	0 ANNUAL	TMA	5	
PINEGEN	415889	5405906	0.02134	346	346	0 ANNUAL	TMA	5	
PINEGEN	415889	5405706	0.02086	348	348	0 ANNUAL	TMA	5	
PINEGEN	415889	5405506	0.02038	348	348	0 ANNUAL	TMA	5	
PINEGEN	415889	5405306	0.01999	356.47	356.47	0 ANNUAL	TMA	5	
PINEGEN	415889	5405106	0.01955	360	360	0 ANNUAL	TMA	5	
PINEGEN	415689	5405906	0.02083	347	347	0 ANNUAL	TMA	5	
PINEGEN	415689	5405706	0.02034	348	348	0 ANNUAL	TMA	5	
PINEGEN	415689	5405506	0.01988	348.64	348.64	0 ANNUAL	TMA	5	
PINEGEN	415689	5405306	0.01949	352.29	360	0 ANNUAL	TMA	5	
PINEGEN	415689	5405106	0.01911	357.88	357.88	0 ANNUAL	TMA	5	
PINEGEN	415489	5405906	0.02035	347	347	0 ANNUAL	TMA	5	
PINEGEN	415489	5405706	0.01984	348	348	0 ANNUAL	TMA	5	
PINEGEN	415489	5405506	0.01938	348	348	0 ANNUAL	TMA	5	
PINEGEN	415489	5405306	0.01899	350	350	0 ANNUAL	TMA	5	
PINEGEN	415489	5405106	0.01863	353.88	353.88	0 ANNUAL	TMA	5	
PINEGEN	415289	5405906	0.01991	346	346	0 ANNUAL	TMA	5	
PINEGEN	415289	5405706	0.01938	347	347	0 ANNUAL	TMA	5	
PINEGEN	415289	5405506	0.01892	348	348	0 ANNUAL	TMA	5	
PINEGEN	415289	5405306	0.01851	349	349	0 ANNUAL	TMA	5	
PINEGEN	415289	5405106	0.01814	350	350	0 ANNUAL	TMA	5	
PINEGEN	415089	5405906	0.01955	345.76	345.76	0 ANNUAL	TMA	5	
PINEGEN	415089	5405706	0.01898	345.96	345.96	0 ANNUAL	TMA	5	
PINEGEN	415089	5405506	0.01848	346	346	0 ANNUAL	TMA	5	
PINEGEN	415089	5405306	0.01805	346.52	346.52	0 ANNUAL	TMA	5	
PINEGEN	415089	5405106	0.01767	347.49	347.49	0 ANNUAL	TMA	5	
PINEGEN	414889	5405906	0.01922	343	343	0 ANNUAL	TMA	5	
PINEGEN	414889	5405706	0.01863	344	344	0 ANNUAL	TMA	5	
PINEGEN	414889	5405506	0.01811	344.98	344.98	0 ANNUAL	TMA	5	
PINEGEN	414889	5405306	0.01766	346	346	0 ANNUAL	TMA	5	
PINEGEN	414889	5405106	0.01725	346.01	346.01	0 ANNUAL	TMA	5	
PINEGEN	414689	5405906	0.01896	343	343	0 ANNUAL	TMA	5	
PINEGEN	414689	5405706	0.01836	344	344	0 ANNUAL	TMA	5	
PINEGEN	414689	5405506	0.01781	345	345	0 ANNUAL	TMA	5	
PINEGEN	414689	5405306	0.01732	346	346	0 ANNUAL	TMA	5	
PINEGEN	414689	5405106	0.0169	347	347	0 ANNUAL	TMA	5	
PINEGEN	414489	5405906	0.01873	343	343	0 ANNUAL	TMA	5	
PINEGEN	414489	5405706	0.01812	344	344	0 ANNUAL	TMA	5	
PINEGEN	414489	5405506	0.01756	345	345	0 ANNUAL	TMA	5	
PINEGEN	414489	5405306	0.01705	346	346	0 ANNUAL	TMA	5	
PINEGEN	414489	5405106	0.01659	347	347	0 ANNUAL	TMA	5	
PINEGEN	414289	5405906	0.01853	343	343	0 ANNUAL	TMA	5	
PINEGEN	414289	5405706	0.01792	344	344	0 ANNUAL	TMA	5	
PINEGEN	414289	5405506	0.01734	345.13	345.13	0 ANNUAL	TMA	5	
PINEGEN	414289	5405306	0.01682	346.78	346.78	0 ANNUAL	TMA	5	
PINEGEN	414289	5405106	0.01635	348	348	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	414089	5405906	0.01833	342.01	342.01	0 ANNUAL	TMA	5	
PINEGEN	414089	5405706	0.01773	344	344	0 ANNUAL	TMA	5	
PINEGEN	414089	5405506	0.01716	345	345	0 ANNUAL	TMA	5	
PINEGEN	414089	5405306	0.01663	346.91	346.91	0 ANNUAL	TMA	5	
PINEGEN	414089	5405106	0.01613	348	348	0 ANNUAL	TMA	5	
PINEGEN	413889	5405906	0.01814	342	342	0 ANNUAL	TMA	5	
PINEGEN	413889	5405706	0.01754	343	343	0 ANNUAL	TMA	5	
PINEGEN	413889	5405506	0.01699	345	345	0 ANNUAL	TMA	5	
PINEGEN	413889	5405306	0.01645	346	346	0 ANNUAL	TMA	5	
PINEGEN	413889	5405106	0.01594	346	346	0 ANNUAL	TMA	5	
PINEGEN	413689	5405906	0.01794	341	341	0 ANNUAL	TMA	5	
PINEGEN	413689	5405706	0.01736	342	342	0 ANNUAL	TMA	5	
PINEGEN	413689	5405506	0.01681	344	344	0 ANNUAL	TMA	5	
PINEGEN	413689	5405306	0.01627	344	344	0 ANNUAL	TMA	5	
PINEGEN	413689	5405106	0.01575	343	343	0 ANNUAL	TMA	5	
PINEGEN	413489	5405906	0.01775	341	341	0 ANNUAL	TMA	5	
PINEGEN	413489	5405706	0.01717	341	341	0 ANNUAL	TMA	5	
PINEGEN	413489	5405506	0.01664	342.87	342.87	0 ANNUAL	TMA	5	
PINEGEN	413489	5405306	0.0161	342	342	0 ANNUAL	TMA	5	
PINEGEN	413489	5405106	0.01559	341	341	0 ANNUAL	TMA	5	
PINEGEN	414289	5406106	0.01918	342	342	0 ANNUAL	TMA	5	
PINEGEN	414289	5406306	0.01987	341	341	0 ANNUAL	TMA	5	
PINEGEN	414289	5406506	0.02059	340	340	0 ANNUAL	TMA	5	
PINEGEN	414289	5406706	0.02135	340	340	0 ANNUAL	TMA	5	
PINEGEN	414289	5406906	0.02214	341	341	0 ANNUAL	TMA	5	
PINEGEN	414289	5407906	0.02592	343	343	0 ANNUAL	TMA	5	
PINEGEN	414289	5408106	0.02651	344	344	0 ANNUAL	TMA	5	
PINEGEN	414289	5408306	0.02698	345	345	0 ANNUAL	TMA	5	
PINEGEN	414289	5408506	0.02732	346	346	0 ANNUAL	TMA	5	
PINEGEN	414289	5408706	0.02751	347	347	0 ANNUAL	TMA	5	
PINEGEN	414289	5408906	0.02757	348.63	348.63	0 ANNUAL	TMA	5	
PINEGEN	414289	5409106	0.02749	350	350	0 ANNUAL	TMA	5	
PINEGEN	414089	5406106	0.01897	341	341	0 ANNUAL	TMA	5	
PINEGEN	414089	5406306	0.01964	340	340	0 ANNUAL	TMA	5	
PINEGEN	414089	5406506	0.02035	340	340	0 ANNUAL	TMA	5	
PINEGEN	414089	5406706	0.02107	340.21	340.21	0 ANNUAL	TMA	5	
PINEGEN	414089	5406906	0.02182	341	341	0 ANNUAL	TMA	5	
PINEGEN	414089	5408106	0.02577	344	344	0 ANNUAL	TMA	5	
PINEGEN	414089	5408306	0.02613	345	345	0 ANNUAL	TMA	5	
PINEGEN	414089	5408506	0.02637	346	346	0 ANNUAL	TMA	5	
PINEGEN	414089	5408706	0.02647	347	347	0 ANNUAL	TMA	5	
PINEGEN	414089	5408906	0.02644	348	348	0 ANNUAL	TMA	5	
PINEGEN	414089	5409106	0.02631	349	349	0 ANNUAL	TMA	5	
PINEGEN	413889	5406106	0.01876	341	341	0 ANNUAL	TMA	5	
PINEGEN	413889	5406306	0.01941	340	340	0 ANNUAL	TMA	5	
PINEGEN	413889	5406506	0.0201	341	341	0 ANNUAL	TMA	5	
PINEGEN	413889	5406706	0.02081	342	342	0 ANNUAL	TMA	5	
PINEGEN	413889	5406906	0.02153	343	343	0 ANNUAL	TMA	5	
PINEGEN	413889	5408106	0.02501	344	344	0 ANNUAL	TMA	5	
PINEGEN	413889	5408306	0.02528	345	345	0 ANNUAL	TMA	5	
PINEGEN	413889	5408506	0.02542	346	346	0 ANNUAL	TMA	5	
PINEGEN	413889	5408706	0.02545	347	347	0 ANNUAL	TMA	5	
PINEGEN	413889	5408906	0.02537	348	348	0 ANNUAL	TMA	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	413889	5409106	0.02521	349	349	0 ANNUAL	TMA	5	
PINEGEN	413689	5406106	0.01854	340	340	0 ANNUAL	TMA	5	
PINEGEN	413689	5406306	0.01918	340	340	0 ANNUAL	TMA	5	
PINEGEN	413689	5406506	0.01985	341	341	0 ANNUAL	TMA	5	
PINEGEN	413689	5406706	0.02054	343	343	0 ANNUAL	TMA	5	
PINEGEN	413689	5406906	0.02124	344.89	344.89	0 ANNUAL	TMA	5	
PINEGEN	413689	5407106	0.02192	346	346	0 ANNUAL	TMA	5	
PINEGEN	413689	5407306	0.02255	346	346	0 ANNUAL	TMA	5	
PINEGEN	413689	5407506	0.02311	345	345	0 ANNUAL	TMA	5	
PINEGEN	413689	5407706	0.02358	344	344	0 ANNUAL	TMA	5	
PINEGEN	413689	5407906	0.02395	343	343	0 ANNUAL	TMA	5	
PINEGEN	413689	5408106	0.02424	344	344	0 ANNUAL	TMA	5	
PINEGEN	413689	5408306	0.02443	345	345	0 ANNUAL	TMA	5	
PINEGEN	413689	5408506	0.02451	346.97	346.97	0 ANNUAL	TMA	5	
PINEGEN	413689	5408706	0.02448	348	348	0 ANNUAL	TMA	5	
PINEGEN	413689	5408906	0.02434	348.18	348.18	0 ANNUAL	TMA	5	
PINEGEN	413689	5409106	0.0242	351.83	351.83	0 ANNUAL	TMA	5	
PINEGEN	413489	5406106	0.01833	340	340	0 ANNUAL	TMA	5	
PINEGEN	413489	5406306	0.01894	340	340	0 ANNUAL	TMA	5	
PINEGEN	413489	5406506	0.01958	340	340	0 ANNUAL	TMA	5	
PINEGEN	413489	5406706	0.02024	341.66	341.66	0 ANNUAL	TMA	5	
PINEGEN	413489	5406906	0.02092	345	345	0 ANNUAL	TMA	5	
PINEGEN	413489	5407106	0.02156	347	347	0 ANNUAL	TMA	5	
PINEGEN	413489	5407306	0.02213	348	348	0 ANNUAL	TMA	5	
PINEGEN	413489	5407506	0.02261	346.62	346.62	0 ANNUAL	TMA	5	
PINEGEN	413489	5407706	0.02299	345	345	0 ANNUAL	TMA	5	
PINEGEN	413489	5407906	0.02328	344.06	344.06	0 ANNUAL	TMA	5	
PINEGEN	413489	5408106	0.02347	344	344	0 ANNUAL	TMA	5	
PINEGEN	413489	5408306	0.02358	345	345	0 ANNUAL	TMA	5	
PINEGEN	413489	5408506	0.02359	346	346	0 ANNUAL	TMA	5	
PINEGEN	413489	5408706	0.02352	348	348	0 ANNUAL	TMA	5	
PINEGEN	413489	5408906	0.02338	349	349	0 ANNUAL	TMA	5	
PINEGEN	413489	5409106	0.02331	361.75	361.75	0 ANNUAL	TMA	5	
PINEGEN	413489	5409606	0.02296	358	358	0 ANNUAL	TMA	5	
PINEGEN	413489	5410106	0.023	357	357	0 ANNUAL	TMA	5	
PINEGEN	413489	5410606	0.02301	355	355	0 ANNUAL	TMA	5	
PINEGEN	413489	5411106	0.02292	356	356	0 ANNUAL	TMA	5	
PINEGEN	413489	5411606	0.02263	357	357	0 ANNUAL	TMA	5	
PINEGEN	413489	5412106	0.02198	356	356	0 ANNUAL	TMA	5	
PINEGEN	413989	5409606	0.02544	361	361	0 ANNUAL	TMA	5	
PINEGEN	413989	5410106	0.02539	359	359	0 ANNUAL	TMA	5	
PINEGEN	413989	5410606	0.02539	357	357	0 ANNUAL	TMA	5	
PINEGEN	413989	5411106	0.02531	363.64	363.64	0 ANNUAL	TMA	5	
PINEGEN	413989	5411606	0.02505	363	363	0 ANNUAL	TMA	5	
PINEGEN	413989	5412106	0.02432	360	360	0 ANNUAL	TMA	5	
PINEGEN	414489	5409606	0.02837	357.99	357.99	0 ANNUAL	TMA	5	
PINEGEN	414489	5410106	0.02824	362.35	362.35	0 ANNUAL	TMA	5	
PINEGEN	414489	5410606	0.02822	359	359	0 ANNUAL	TMA	5	
PINEGEN	414489	5411106	0.02805	360	360	0 ANNUAL	TMA	5	
PINEGEN	414489	5411606	0.0278	361	361	0 ANNUAL	TMA	5	
PINEGEN	414489	5412106	0.02708	363	363	0 ANNUAL	TMA	5	
PINEGEN	414989	5409606	0.03185	352.32	352.32	0 ANNUAL	TMA	5	
PINEGEN	414989	5410106	0.03161	360	360	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	414989	5410606	0.03164	361	361	0 ANNUAL	TMA	5	
PINEGEN	414989	5411106	0.03142	364	364	0 ANNUAL	TMA	5	
PINEGEN	414989	5411606	0.03116	368	368	0 ANNUAL	TMA	5	
PINEGEN	414989	5412106	0.03037	366	366	0 ANNUAL	TMA	5	
PINEGEN	415489	5409606	0.03599	352	352	0 ANNUAL	TMA	5	
PINEGEN	415489	5410106	0.03571	355	355	0 ANNUAL	TMA	5	
PINEGEN	415489	5410606	0.03576	361.86	361.86	0 ANNUAL	TMA	5	
PINEGEN	415489	5411106	0.03553	366.4	366.4	0 ANNUAL	TMA	5	
PINEGEN	415489	5411606	0.03514	370	370	0 ANNUAL	TMA	5	
PINEGEN	415489	5412106	0.03433	370	370	0 ANNUAL	TMA	5	
PINEGEN	415989	5409606	0.04062	353	353	0 ANNUAL	TMA	5	
PINEGEN	415989	5410106	0.0408	353.31	353.31	0 ANNUAL	TMA	5	
PINEGEN	415989	5410606	0.04082	360	360	0 ANNUAL	TMA	5	
PINEGEN	415989	5411106	0.04057	362	362	0 ANNUAL	TMA	5	
PINEGEN	415989	5411606	0.03998	360.33	360.33	0 ANNUAL	TMA	5	
PINEGEN	415989	5412106	0.03918	367.9	367.9	0 ANNUAL	TMA	5	
PINEGEN	416489	5409606	0.04545	352	352	0 ANNUAL	TMA	5	
PINEGEN	416489	5410106	0.04694	354	354	0 ANNUAL	TMA	5	
PINEGEN	416489	5410606	0.04704	353.47	353.47	0 ANNUAL	TMA	5	
PINEGEN	416489	5411106	0.04708	368.67	369	0 ANNUAL	TMA	5	
PINEGEN	416489	5411606	0.04618	359.36	359.36	0 ANNUAL	TMA	5	
PINEGEN	416489	5412106	0.04512	360.18	360.18	0 ANNUAL	TMA	5	
PINEGEN	416989	5409606	0.05039	349.41	349.41	0 ANNUAL	TMA	5	
PINEGEN	416989	5410106	0.05373	351	351	0 ANNUAL	TMA	5	
PINEGEN	416989	5410606	0.05484	349	349	0 ANNUAL	TMA	5	
PINEGEN	416989	5411106	0.05508	355.37	355.37	0 ANNUAL	TMA	5	
PINEGEN	416989	5411606	0.05432	361.02	361.02	0 ANNUAL	TMA	5	
PINEGEN	416989	5412106	0.05287	360	360	0 ANNUAL	TMA	5	
PINEGEN	417489	5409606	0.05543	347	347	0 ANNUAL	TMA	5	
PINEGEN	417489	5410106	0.061	347	347	0 ANNUAL	TMA	5	
PINEGEN	417489	5410606	0.06444	348	348	0 ANNUAL	TMA	5	
PINEGEN	417489	5411106	0.06556	349	349	0 ANNUAL	TMA	5	
PINEGEN	417489	5411606	0.06529	365.28	365.28	0 ANNUAL	TMA	5	
PINEGEN	417489	5412106	0.0634	369.67	369.67	0 ANNUAL	TMA	5	
PINEGEN	417989	5409606	0.06055	345	345	0 ANNUAL	TMA	5	
PINEGEN	417989	5410106	0.06901	346	346	0 ANNUAL	TMA	5	
PINEGEN	417989	5410606	0.07565	347	347	0 ANNUAL	TMA	5	
PINEGEN	417989	5411106	0.07968	349	349	0 ANNUAL	TMA	5	
PINEGEN	417989	5411606	0.08005	357.92	357.92	0 ANNUAL	TMA	5	
PINEGEN	417989	5412106	0.07774	366	366	0 ANNUAL	TMA	5	
PINEGEN	418489	5409606	0.06662	345	345	0 ANNUAL	TMA	5	
PINEGEN	418489	5410106	0.07787	346	346	0 ANNUAL	TMA	5	
PINEGEN	418489	5410606	0.0888	347	347	0 ANNUAL	TMA	5	
PINEGEN	418989	5409606	0.07376	348	348	0 ANNUAL	TMA	5	
PINEGEN	418989	5410106	0.08845	349	349	0 ANNUAL	TMA	5	
PINEGEN	418989	5410606	0.10533	351	351	0 ANNUAL	TMA	5	
PINEGEN	419489	5409606	0.08138	351.16	351.16	0 ANNUAL	TMA	5	
PINEGEN	419489	5410106	0.1002	355.27	355.27	0 ANNUAL	TMA	5	
PINEGEN	419489	5410606	0.12556	356	356	0 ANNUAL	TMA	5	
PINEGEN	417989	5409106	0.05255	344	344	0 ANNUAL	TMA	5	
PINEGEN	417989	5408606	0.04611	343	343	0 ANNUAL	TMA	5	
PINEGEN	417989	5408106	0.04076	341	341	0 ANNUAL	TMA	5	
PINEGEN	417989	5407606	0.03648	341	341	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	417989	5407106	0.03276	342	342	0 ANNUAL	TMA	5	
PINEGEN	417989	5406606	0.02934	342	342	0 ANNUAL	TMA	5	
PINEGEN	417989	5406106	0.02644	343.99	343.99	0 ANNUAL	TMA	5	
PINEGEN	417989	5405606	0.02404	348	348	0 ANNUAL	TMA	5	
PINEGEN	417989	5405106	0.022	354	354	0 ANNUAL	TMA	5	
PINEGEN	417989	5404606	0.02016	359.29	359.29	0 ANNUAL	TMA	5	
PINEGEN	417989	5404106	0.01845	353.81	353.81	0 ANNUAL	TMA	5	
PINEGEN	417989	5403606	0.01691	345	345	0 ANNUAL	TMA	5	
PINEGEN	417989	5403106	0.01574	356.37	356.37	0 ANNUAL	TMA	5	
PINEGEN	417989	5402606	0.01464	354	354	0 ANNUAL	TMA	5	
PINEGEN	417989	5402106	0.01369	352.54	352.54	0 ANNUAL	TMA	5	
PINEGEN	418489	5409106	0.05733	344.89	344.89	0 ANNUAL	TMA	5	
PINEGEN	418489	5408606	0.04973	344	344	0 ANNUAL	TMA	5	
PINEGEN	418489	5408106	0.04345	341	341	0 ANNUAL	TMA	5	
PINEGEN	418489	5407606	0.03834	342	342	0 ANNUAL	TMA	5	
PINEGEN	418489	5407106	0.03395	343	343	0 ANNUAL	TMA	5	
PINEGEN	418489	5406606	0.03025	343	343	0 ANNUAL	TMA	5	
PINEGEN	418489	5406106	0.0273	346	346	0 ANNUAL	TMA	5	
PINEGEN	418489	5405606	0.02468	343	343	0 ANNUAL	TMA	5	
PINEGEN	418489	5405106	0.02248	345.29	345.29	0 ANNUAL	TMA	5	
PINEGEN	418489	5404606	0.02055	349	349	0 ANNUAL	TMA	5	
PINEGEN	418489	5404106	0.01891	356.33	356.33	0 ANNUAL	TMA	5	
PINEGEN	418489	5403606	0.01734	345.46	345.46	0 ANNUAL	TMA	5	
PINEGEN	418489	5403106	0.01619	358.05	358.05	0 ANNUAL	TMA	5	
PINEGEN	418489	5402606	0.01512	363.83	370	0 ANNUAL	TMA	5	
PINEGEN	418489	5402106	0.01412	358	358	0 ANNUAL	TMA	5	
PINEGEN	418989	5409106	0.06234	347	347	0 ANNUAL	TMA	5	
PINEGEN	418989	5408606	0.05321	345	345	0 ANNUAL	TMA	5	
PINEGEN	418989	5408106	0.04578	342	342	0 ANNUAL	TMA	5	
PINEGEN	418989	5407606	0.03995	343	343	0 ANNUAL	TMA	5	
PINEGEN	418989	5407106	0.03532	346	346	0 ANNUAL	TMA	5	
PINEGEN	418989	5406606	0.03153	347	347	0 ANNUAL	TMA	5	
PINEGEN	418989	5406106	0.02832	347	347	0 ANNUAL	TMA	5	
PINEGEN	418989	5405606	0.02561	350.74	350.74	0 ANNUAL	TMA	5	
PINEGEN	418989	5405106	0.02314	347	347	0 ANNUAL	TMA	5	
PINEGEN	418989	5404606	0.02117	352	352	0 ANNUAL	TMA	5	
PINEGEN	418989	5404106	0.01947	355.19	355.19	0 ANNUAL	TMA	5	
PINEGEN	418989	5403606	0.01801	358	358	0 ANNUAL	TMA	5	
PINEGEN	418989	5403106	0.0167	356	356	0 ANNUAL	TMA	5	
PINEGEN	418989	5402606	0.01557	357	357	0 ANNUAL	TMA	5	
PINEGEN	418989	5402106	0.01459	361.55	371	0 ANNUAL	TMA	5	
PINEGEN	419489	5409106	0.06722	348	348	0 ANNUAL	TMA	5	
PINEGEN	419489	5408606	0.05642	346	346	0 ANNUAL	TMA	5	
PINEGEN	419489	5408106	0.04803	342	342	0 ANNUAL	TMA	5	
PINEGEN	419489	5407606	0.04182	343.15	343.15	0 ANNUAL	TMA	5	
PINEGEN	419489	5407106	0.03697	346	346	0 ANNUAL	TMA	5	
PINEGEN	419489	5406606	0.03292	348.32	348.32	0 ANNUAL	TMA	5	
PINEGEN	419489	5405606	0.02653	354	354	0 ANNUAL	TMA	5	
PINEGEN	419489	5405106	0.02397	349	349	0 ANNUAL	TMA	5	
PINEGEN	419489	5404606	0.02191	351	351	0 ANNUAL	TMA	5	
PINEGEN	419489	5404106	0.02016	354	354	0 ANNUAL	TMA	5	
PINEGEN	419489	5403606	0.01862	355	355	0 ANNUAL	TMA	5	
PINEGEN	419489	5403106	0.01727	355	355	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	419489	5402606	0.0161	355	355	0 ANNUAL	TMA	5	
PINEGEN	419489	5402106	0.01505	355	355	0 ANNUAL	TMA	5	
PINEGEN	419989	5409106	0.0721	350	350	0 ANNUAL	TMA	5	
PINEGEN	419989	5406606	0.03428	348	348	0 ANNUAL	TMA	5	
PINEGEN	419989	5405606	0.02756	357	357	0 ANNUAL	TMA	5	
PINEGEN	419989	5405106	0.02487	351.23	351.23	0 ANNUAL	TMA	5	
PINEGEN	419989	5404606	0.02263	348	348	0 ANNUAL	TMA	5	
PINEGEN	419989	5404106	0.02081	351.63	351.63	0 ANNUAL	TMA	5	
PINEGEN	419989	5403606	0.01919	352	352	0 ANNUAL	TMA	5	
PINEGEN	419989	5403106	0.01779	353	353	0 ANNUAL	TMA	5	
PINEGEN	419989	5402606	0.01656	356	356	0 ANNUAL	TMA	5	
PINEGEN	419989	5402106	0.01546	358.53	358.53	0 ANNUAL	TMA	5	
PINEGEN	420489	5409106	0.07706	350	350	0 ANNUAL	TMA	5	
PINEGEN	420489	5408606	0.06351	345.95	345.95	0 ANNUAL	TMA	5	
PINEGEN	420489	5408106	0.05362	343	343	0 ANNUAL	TMA	5	
PINEGEN	420489	5405606	0.02826	356	356	0 ANNUAL	TMA	5	
PINEGEN	420489	5405106	0.02551	354.81	354.81	0 ANNUAL	TMA	5	
PINEGEN	420489	5404606	0.02314	349	349	0 ANNUAL	TMA	5	
PINEGEN	420489	5404106	0.02128	358	358	0 ANNUAL	TMA	5	
PINEGEN	420489	5403606	0.01959	360	360	0 ANNUAL	TMA	5	
PINEGEN	420489	5403106	0.01807	357.19	357.19	0 ANNUAL	TMA	5	
PINEGEN	420489	5402606	0.01674	357	357	0 ANNUAL	TMA	5	
PINEGEN	420489	5402106	0.01557	360	360	0 ANNUAL	TMA	5	
PINEGEN	417489	5404606	0.01973	360	360	0 ANNUAL	TMA	5	
PINEGEN	417489	5404106	0.01805	349	349	0 ANNUAL	TMA	5	
PINEGEN	417489	5403606	0.01664	350	350	0 ANNUAL	TMA	5	
PINEGEN	417489	5403106	0.01533	345	345	0 ANNUAL	TMA	5	
PINEGEN	417489	5402606	0.01427	349	349	0 ANNUAL	TMA	5	
PINEGEN	417489	5402106	0.01336	355	355	0 ANNUAL	TMA	5	
PINEGEN	416989	5404606	0.01934	356.24	356.24	0 ANNUAL	TMA	5	
PINEGEN	416989	5404106	0.01774	347.17	347.17	0 ANNUAL	TMA	5	
PINEGEN	416989	5403606	0.01636	346	346	0 ANNUAL	TMA	5	
PINEGEN	416989	5403106	0.01513	346	346	0 ANNUAL	TMA	5	
PINEGEN	416989	5402606	0.01401	345	345	0 ANNUAL	TMA	5	
PINEGEN	416989	5402106	0.01306	347	347	0 ANNUAL	TMA	5	
PINEGEN	416489	5404606	0.01892	350.43	350.43	0 ANNUAL	TMA	5	
PINEGEN	416489	5404106	0.01747	348	348	0 ANNUAL	TMA	5	
PINEGEN	416489	5403606	0.01618	348	348	0 ANNUAL	TMA	5	
PINEGEN	416489	5403106	0.01499	347	347	0 ANNUAL	TMA	5	
PINEGEN	416489	5402606	0.01389	345	345	0 ANNUAL	TMA	5	
PINEGEN	416489	5402106	0.01291	346	346	0 ANNUAL	TMA	5	
PINEGEN	415989	5404606	0.01846	358.85	358.85	0 ANNUAL	TMA	5	
PINEGEN	415989	5404106	0.01716	353.53	353.53	0 ANNUAL	TMA	5	
PINEGEN	415989	5403606	0.01594	348.94	348.94	0 ANNUAL	TMA	5	
PINEGEN	415989	5403106	0.01483	347	347	0 ANNUAL	TMA	5	
PINEGEN	415989	5402606	0.0138	344.77	344.77	0 ANNUAL	TMA	5	
PINEGEN	415989	5402106	0.01284	344	344	0 ANNUAL	TMA	5	
PINEGEN	415489	5404606	0.01763	350.18	350.18	0 ANNUAL	TMA	5	
PINEGEN	415489	5404106	0.01661	349.74	349.74	0 ANNUAL	TMA	5	
PINEGEN	415489	5403606	0.01558	348	348	0 ANNUAL	TMA	5	
PINEGEN	415489	5403106	0.01459	347	347	0 ANNUAL	TMA	5	
PINEGEN	415489	5402606	0.01365	345	345	0 ANNUAL	TMA	5	
PINEGEN	415489	5402106	0.01276	343	343	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	414989	5404606	0.01665	348.54	348.54	0 ANNUAL	TMA	5	
PINEGEN	414989	5404106	0.01589	349	349	0 ANNUAL	TMA	5	
PINEGEN	414989	5403606	0.01507	347	347	0 ANNUAL	TMA	5	
PINEGEN	414989	5403106	0.01423	345	345	0 ANNUAL	TMA	5	
PINEGEN	414989	5402606	0.0134	344	344	0 ANNUAL	TMA	5	
PINEGEN	414989	5402106	0.0126	342	342	0 ANNUAL	TMA	5	
PINEGEN	414489	5404606	0.01569	349.15	349.15	0 ANNUAL	TMA	5	
PINEGEN	414489	5404106	0.01501	349	349	0 ANNUAL	TMA	5	
PINEGEN	414489	5403606	0.01439	347	347	0 ANNUAL	TMA	5	
PINEGEN	414489	5403106	0.01372	342.37	342.37	0 ANNUAL	TMA	5	
PINEGEN	414489	5402606	0.01304	342	342	0 ANNUAL	TMA	5	
PINEGEN	414489	5402106	0.01236	341	341	0 ANNUAL	TMA	5	
PINEGEN	413989	5404606	0.01497	350	350	0 ANNUAL	TMA	5	
PINEGEN	413989	5404106	0.01418	350	350	0 ANNUAL	TMA	5	
PINEGEN	413989	5403606	0.0136	346.63	346.63	0 ANNUAL	TMA	5	
PINEGEN	413989	5403106	0.01307	341	341	0 ANNUAL	TMA	5	
PINEGEN	413989	5402606	0.01255	340	340	0 ANNUAL	TMA	5	
PINEGEN	413989	5402106	0.01203	343	343	0 ANNUAL	TMA	5	
PINEGEN	413489	5404606	0.01444	340	340	0 ANNUAL	TMA	5	
PINEGEN	413489	5404106	0.01357	347.02	347.02	0 ANNUAL	TMA	5	
PINEGEN	413489	5403606	0.01287	345	345	0 ANNUAL	TMA	5	
PINEGEN	413489	5403106	0.01235	340	340	0 ANNUAL	TMA	5	
PINEGEN	413489	5402606	0.01196	341	341	0 ANNUAL	TMA	5	
PINEGEN	413489	5402106	0.01157	344.46	344.46	0 ANNUAL	TMA	5	
PINEGEN	412989	5404606	0.01412	339	339	0 ANNUAL	TMA	5	
PINEGEN	412989	5404106	0.01314	339	339	0 ANNUAL	TMA	5	
PINEGEN	412989	5403606	0.01233	338.18	338.18	0 ANNUAL	TMA	5	
PINEGEN	412989	5403106	0.01175	341	341	0 ANNUAL	TMA	5	
PINEGEN	412989	5402606	0.01134	344	344	0 ANNUAL	TMA	5	
PINEGEN	412989	5402106	0.01101	346	346	0 ANNUAL	TMA	5	
PINEGEN	412489	5404606	0.01381	338	338	0 ANNUAL	TMA	5	
PINEGEN	412489	5404106	0.01288	338.86	338.86	0 ANNUAL	TMA	5	
PINEGEN	412489	5403606	0.01205	341	341	0 ANNUAL	TMA	5	
PINEGEN	412489	5403106	0.01135	343.96	343.96	0 ANNUAL	TMA	5	
PINEGEN	412489	5402606	0.01083	348	348	0 ANNUAL	TMA	5	
PINEGEN	412489	5402106	0.01045	348	348	0 ANNUAL	TMA	5	
PINEGEN	411989	5404606	0.01349	339	339	0 ANNUAL	TMA	5	
PINEGEN	411989	5404106	0.01261	337	337	0 ANNUAL	TMA	5	
PINEGEN	411989	5403606	0.01181	339	339	0 ANNUAL	TMA	5	
PINEGEN	411989	5403106	0.01109	342.3	342.3	0 ANNUAL	TMA	5	
PINEGEN	411989	5402606	0.0105	351	351	0 ANNUAL	TMA	5	
PINEGEN	411989	5402106	0.01	349	349	0 ANNUAL	TMA	5	
PINEGEN	411489	5404606	0.01318	340.02	340.02	0 ANNUAL	TMA	5	
PINEGEN	411489	5404106	0.0123	335	335	0 ANNUAL	TMA	5	
PINEGEN	411489	5403606	0.01159	339	339	0 ANNUAL	TMA	5	
PINEGEN	411489	5403106	0.01091	343	343	0 ANNUAL	TMA	5	
PINEGEN	411489	5402606	0.01028	348	348	0 ANNUAL	TMA	5	
PINEGEN	411489	5402106	0.00971	348	348	0 ANNUAL	TMA	5	
PINEGEN	410989	5404606	0.01292	340	340	0 ANNUAL	TMA	5	
PINEGEN	410989	5404106	0.01202	336	336	0 ANNUAL	TMA	5	
PINEGEN	410989	5403606	0.01132	339	339	0 ANNUAL	TMA	5	
PINEGEN	410989	5403106	0.01071	343	343	0 ANNUAL	TMA	5	
PINEGEN	410989	5402606	0.01012	347	347	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	410989	5402106	0.00953	346	346	0 ANNUAL	TMA	5	
PINEGEN	410489	5404606	0.0127	341	341	0 ANNUAL	TMA	5	
PINEGEN	410489	5404106	0.01179	335	335	0 ANNUAL	TMA	5	
PINEGEN	410489	5403606	0.01105	337.41	337.41	0 ANNUAL	TMA	5	
PINEGEN	410489	5403106	0.01048	347	347	0 ANNUAL	TMA	5	
PINEGEN	410489	5402606	0.00994	348.05	348.05	0 ANNUAL	TMA	5	
PINEGEN	410489	5402106	0.00941	348	348	0 ANNUAL	TMA	5	
PINEGEN	412989	5405106	0.01523	340	340	0 ANNUAL	TMA	5	
PINEGEN	412989	5405606	0.01644	339	339	0 ANNUAL	TMA	5	
PINEGEN	412989	5406106	0.01782	342.28	342.28	0 ANNUAL	TMA	5	
PINEGEN	412989	5406606	0.01931	348.53	367	0 ANNUAL	TMA	5	
PINEGEN	412989	5407106	0.02061	353	353	0 ANNUAL	TMA	5	
PINEGEN	412989	5407606	0.02135	348	348	0 ANNUAL	TMA	5	
PINEGEN	412989	5408106	0.02159	346	346	0 ANNUAL	TMA	5	
PINEGEN	412989	5408606	0.02141	347.82	347.82	0 ANNUAL	TMA	5	
PINEGEN	412989	5409106	0.02109	359	359	0 ANNUAL	TMA	5	
PINEGEN	412989	5409606	0.02092	361	361	0 ANNUAL	TMA	5	
PINEGEN	412989	5410106	0.021	359	359	0 ANNUAL	TMA	5	
PINEGEN	412989	5410606	0.02101	355	355	0 ANNUAL	TMA	5	
PINEGEN	412989	5411106	0.0209	354	354	0 ANNUAL	TMA	5	
PINEGEN	412989	5411606	0.02059	356	356	0 ANNUAL	TMA	5	
PINEGEN	412989	5412106	0.02005	359	359	0 ANNUAL	TMA	5	
PINEGEN	412489	5405106	0.01486	340	340	0 ANNUAL	TMA	5	
PINEGEN	412489	5405606	0.01603	341	341	0 ANNUAL	TMA	5	
PINEGEN	412489	5406106	0.01734	345	345	0 ANNUAL	TMA	5	
PINEGEN	412489	5406606	0.01857	348	348	0 ANNUAL	TMA	5	
PINEGEN	412489	5407106	0.01943	348	348	0 ANNUAL	TMA	5	
PINEGEN	412489	5407606	0.01983	348	348	0 ANNUAL	TMA	5	
PINEGEN	412489	5408106	0.01981	348	348	0 ANNUAL	TMA	5	
PINEGEN	412489	5408606	0.01952	350	350	0 ANNUAL	TMA	5	
PINEGEN	412489	5409106	0.01919	355	355	0 ANNUAL	TMA	5	
PINEGEN	412489	5409606	0.01914	358.02	358.02	0 ANNUAL	TMA	5	
PINEGEN	412489	5410106	0.01926	356.55	356.55	0 ANNUAL	TMA	5	
PINEGEN	412489	5410606	0.01928	352	352	0 ANNUAL	TMA	5	
PINEGEN	412489	5411106	0.01916	354	354	0 ANNUAL	TMA	5	
PINEGEN	412489	5411606	0.01885	358.99	358.99	0 ANNUAL	TMA	5	
PINEGEN	412489	5412106	0.01837	360	360	0 ANNUAL	TMA	5	
PINEGEN	411989	5405106	0.01451	342	342	0 ANNUAL	TMA	5	
PINEGEN	411989	5405606	0.01564	342	342	0 ANNUAL	TMA	5	
PINEGEN	411989	5406106	0.01678	343	343	0 ANNUAL	TMA	5	
PINEGEN	411989	5406606	0.01769	344	344	0 ANNUAL	TMA	5	
PINEGEN	411989	5407106	0.0182	346	346	0 ANNUAL	TMA	5	
PINEGEN	411989	5407606	0.01833	347	347	0 ANNUAL	TMA	5	
PINEGEN	411989	5408106	0.01818	349	349	0 ANNUAL	TMA	5	
PINEGEN	411989	5408606	0.01786	351.14	351.14	0 ANNUAL	TMA	5	
PINEGEN	411989	5409106	0.01759	355	355	0 ANNUAL	TMA	5	
PINEGEN	411989	5409606	0.01758	351	351	0 ANNUAL	TMA	5	
PINEGEN	411989	5410106	0.01773	350	350	0 ANNUAL	TMA	5	
PINEGEN	411989	5410606	0.01778	350	350	0 ANNUAL	TMA	5	
PINEGEN	411989	5411106	0.01764	356	356	0 ANNUAL	TMA	5	
PINEGEN	411989	5411606	0.01732	360	360	0 ANNUAL	TMA	5	
PINEGEN	411989	5412106	0.0169	358.84	358.84	0 ANNUAL	TMA	5	
PINEGEN	411489	5405106	0.01419	342	342	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	411489	5405606	0.01526	344	344	0 ANNUAL	TMA	5	
PINEGEN	411489	5406106	0.01618	346	346	0 ANNUAL	TMA	5	
PINEGEN	411489	5406606	0.01675	347	347	0 ANNUAL	TMA	5	
PINEGEN	411489	5407106	0.01698	348	348	0 ANNUAL	TMA	5	
PINEGEN	411489	5407606	0.01694	348	348	0 ANNUAL	TMA	5	
PINEGEN	411489	5408106	0.01672	349	349	0 ANNUAL	TMA	5	
PINEGEN	411489	5408606	0.0164	352	352	0 ANNUAL	TMA	5	
PINEGEN	411489	5409106	0.01618	350	350	0 ANNUAL	TMA	5	
PINEGEN	411489	5409606	0.01628	350	350	0 ANNUAL	TMA	5	
PINEGEN	411489	5410106	0.01644	350	350	0 ANNUAL	TMA	5	
PINEGEN	411489	5410606	0.01646	349	349	0 ANNUAL	TMA	5	
PINEGEN	411489	5411106	0.01626	353.73	353.73	0 ANNUAL	TMA	5	
PINEGEN	411489	5411606	0.01597	358	358	0 ANNUAL	TMA	5	
PINEGEN	411489	5412106	0.01561	355	355	0 ANNUAL	TMA	5	
PINEGEN	410989	5405106	0.01389	342	342	0 ANNUAL	TMA	5	
PINEGEN	410989	5405606	0.01479	344	344	0 ANNUAL	TMA	5	
PINEGEN	410989	5406106	0.01544	346	346	0 ANNUAL	TMA	5	
PINEGEN	410989	5406606	0.01574	347	347	0 ANNUAL	TMA	5	
PINEGEN	410989	5407106	0.0158	349	349	0 ANNUAL	TMA	5	
PINEGEN	410989	5407606	0.01568	350	350	0 ANNUAL	TMA	5	
PINEGEN	410989	5408106	0.01543	350	350	0 ANNUAL	TMA	5	
PINEGEN	410989	5408606	0.01512	351	351	0 ANNUAL	TMA	5	
PINEGEN	410989	5409106	0.01499	348	348	0 ANNUAL	TMA	5	
PINEGEN	410989	5409606	0.01515	350	350	0 ANNUAL	TMA	5	
PINEGEN	410989	5410106	0.01532	350	350	0 ANNUAL	TMA	5	
PINEGEN	410989	5410606	0.01529	348	348	0 ANNUAL	TMA	5	
PINEGEN	410989	5411106	0.01505	353	353	0 ANNUAL	TMA	5	
PINEGEN	410989	5411606	0.01477	354	354	0 ANNUAL	TMA	5	
PINEGEN	410989	5412106	0.01447	350.65	350.65	0 ANNUAL	TMA	5	
PINEGEN	410489	5405106	0.01356	342	342	0 ANNUAL	TMA	5	
PINEGEN	410489	5405606	0.01423	344	344	0 ANNUAL	TMA	5	
PINEGEN	410489	5406106	0.01461	345	345	0 ANNUAL	TMA	5	
PINEGEN	410489	5406606	0.01473	347	347	0 ANNUAL	TMA	5	
PINEGEN	410489	5407106	0.01468	348	348	0 ANNUAL	TMA	5	
PINEGEN	410489	5407606	0.01453	349	349	0 ANNUAL	TMA	5	
PINEGEN	410489	5408106	0.01427	350	350	0 ANNUAL	TMA	5	
PINEGEN	410489	5408606	0.01398	348	348	0 ANNUAL	TMA	5	
PINEGEN	410489	5409106	0.01395	346	346	0 ANNUAL	TMA	5	
PINEGEN	410489	5409606	0.01414	346	346	0 ANNUAL	TMA	5	
PINEGEN	410489	5410106	0.01431	347	347	0 ANNUAL	TMA	5	
PINEGEN	410489	5410606	0.01423	347.45	347.45	0 ANNUAL	TMA	5	
PINEGEN	410489	5411106	0.01396	349.99	349.99	0 ANNUAL	TMA	5	
PINEGEN	410489	5411606	0.01368	344.49	344.49	0 ANNUAL	TMA	5	
PINEGEN	410489	5412106	0.01347	349	349	0 ANNUAL	TMA	5	
PINEGEN	410489	5413106	0.01274	353.38	353.38	0 ANNUAL	TMA	5	
PINEGEN	410489	5414106	0.01173	361.45	361.45	0 ANNUAL	TMA	5	
PINEGEN	410489	5415106	0.01134	361	361	0 ANNUAL	TMA	5	
PINEGEN	410489	5416106	0.01143	366	366	0 ANNUAL	TMA	5	
PINEGEN	410489	5417106	0.0116	369	369	0 ANNUAL	TMA	5	
PINEGEN	411489	5413106	0.01462	350	350	0 ANNUAL	TMA	5	
PINEGEN	411489	5414106	0.01345	357	357	0 ANNUAL	TMA	5	
PINEGEN	411489	5415106	0.01308	354.84	354.84	0 ANNUAL	TMA	5	
PINEGEN	411489	5416106	0.01323	358	358	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	411489	5417106	0.01359	365	365	0 ANNUAL	TMA	5	
PINEGEN	412489	5413106	0.01712	360	360	0 ANNUAL	TMA	5	
PINEGEN	412489	5414106	0.01571	358.08	358.08	0 ANNUAL	TMA	5	
PINEGEN	412489	5415106	0.01531	348.91	348.91	0 ANNUAL	TMA	5	
PINEGEN	412489	5416106	0.01563	350	350	0 ANNUAL	TMA	5	
PINEGEN	412489	5417106	0.01614	354	354	0 ANNUAL	TMA	5	
PINEGEN	413489	5413106	0.02031	359.42	359.42	0 ANNUAL	TMA	5	
PINEGEN	413489	5414106	0.01875	365.93	365.93	0 ANNUAL	TMA	5	
PINEGEN	413489	5415106	0.0184	354.21	354.21	0 ANNUAL	TMA	5	
PINEGEN	413489	5416106	0.01892	350	350	0 ANNUAL	TMA	5	
PINEGEN	413489	5417106	0.01971	352	352	0 ANNUAL	TMA	5	
PINEGEN	414489	5413106	0.02474	370	370	0 ANNUAL	TMA	5	
PINEGEN	414489	5414106	0.02288	368.83	368.83	0 ANNUAL	TMA	5	
PINEGEN	414489	5415106	0.02285	365.71	365.71	0 ANNUAL	TMA	5	
PINEGEN	414489	5416106	0.02349	350	350	0 ANNUAL	TMA	5	
PINEGEN	414489	5417106	0.02464	351	351	0 ANNUAL	TMA	5	
PINEGEN	415489	5413106	0.03101	369.94	369.94	0 ANNUAL	TMA	5	
PINEGEN	415489	5414106	0.02852	379	379	0 ANNUAL	TMA	5	
PINEGEN	415489	5415106	0.02923	370	370	0 ANNUAL	TMA	5	
PINEGEN	415489	5416106	0.03054	362.74	362.74	0 ANNUAL	TMA	5	
PINEGEN	415489	5417106	0.0309	355.43	355.43	0 ANNUAL	TMA	5	
PINEGEN	416489	5413106	0.04053	364	364	0 ANNUAL	TMA	5	
PINEGEN	416489	5414106	0.0374	388.13	388.13	0 ANNUAL	TMA	5	
PINEGEN	416489	5415106	0.03928	368	368	0 ANNUAL	TMA	5	
PINEGEN	416489	5416106	0.04036	361	361	0 ANNUAL	TMA	5	
PINEGEN	416489	5417106	0.03942	361.66	361.66	0 ANNUAL	TMA	5	
PINEGEN	417489	5413106	0.05655	364.93	370	0 ANNUAL	TMA	5	
PINEGEN	417489	5414106	0.0543	367	367	0 ANNUAL	TMA	5	
PINEGEN	417489	5415106	0.05542	380	380	0 ANNUAL	TMA	5	
PINEGEN	417489	5416106	0.05481	369	369	0 ANNUAL	TMA	5	
PINEGEN	417489	5417106	0.05173	369.28	369.28	0 ANNUAL	TMA	5	
PINEGEN	418489	5414106	0.08551	369	369	0 ANNUAL	TMA	5	
PINEGEN	418489	5415106	0.08278	379.99	379.99	0 ANNUAL	TMA	5	
PINEGEN	418489	5416106	0.07747	372	372	0 ANNUAL	TMA	5	
PINEGEN	418489	5417106	0.06799	364.25	364.25	0 ANNUAL	TMA	5	
PINEGEN	419489	5413106	0.16998	379.3	379.3	0 ANNUAL	TMA	5	
PINEGEN	419489	5414106	0.15448	372	372	0 ANNUAL	TMA	5	
PINEGEN	419489	5415106	0.13314	380.64	380.64	0 ANNUAL	TMA	5	
PINEGEN	419489	5416106	0.10816	388	388	0 ANNUAL	TMA	5	
PINEGEN	419489	5417106	0.08857	377.72	377.72	0 ANNUAL	TMA	5	
PINEGEN	420489	5414106	0.31582	379.98	379.98	0 ANNUAL	TMA	5	
PINEGEN	420489	5415106	0.21372	380	380	0 ANNUAL	TMA	5	
PINEGEN	420489	5416106	0.14826	388.43	388.43	0 ANNUAL	TMA	5	
PINEGEN	420489	5417106	0.10942	391.83	391.83	0 ANNUAL	TMA	5	
PINEGEN	421489	5415106	0.31955	380.87	380.87	0 ANNUAL	TMA	5	
PINEGEN	421489	5416106	0.18968	390.79	398	0 ANNUAL	TMA	5	
PINEGEN	421489	5417106	0.12937	391.78	391.78	0 ANNUAL	TMA	5	
PINEGEN	422489	5415106	0.39033	387.48	387.48	0 ANNUAL	TMA	5	
PINEGEN	422489	5416106	0.20808	392	392	0 ANNUAL	TMA	5	
PINEGEN	422489	5417106	0.12879	400.18	400.18	0 ANNUAL	TMA	5	
PINEGEN	423489	5415106	0.3189	394.52	394.52	0 ANNUAL	TMA	5	
PINEGEN	423489	5416106	0.19453	394	394	0 ANNUAL	TMA	5	
PINEGEN	423489	5417106	0.13314	389	389	0 ANNUAL	TMA	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	424489	5415106	0.20838	393.34	393.34	0 ANNUAL	TMA	5	
PINEGEN	424489	5416106	0.16038	384	384	0 ANNUAL	TMA	5	
PINEGEN	424489	5417106	0.11945	377	377	0 ANNUAL	TMA	5	
PINEGEN	425489	5415106	0.13781	378	378	0 ANNUAL	TMA	5	
PINEGEN	425489	5416106	0.11351	377.78	377.78	0 ANNUAL	TMA	5	
PINEGEN	425489	5417106	0.09451	377.38	377.38	0 ANNUAL	TMA	5	
PINEGEN	421489	5408106	0.05605	351	351	0 ANNUAL	TMA	5	
PINEGEN	421489	5407106	0.04125	358	358	0 ANNUAL	TMA	5	
PINEGEN	421489	5404106	0.0212	359	359	0 ANNUAL	TMA	5	
PINEGEN	421489	5403106	0.0179	364	364	0 ANNUAL	TMA	5	
PINEGEN	421489	5402106	0.01534	365	365	0 ANNUAL	TMA	5	
PINEGEN	421489	5401106	0.01334	369.45	369.45	0 ANNUAL	TMA	5	
PINEGEN	421489	5400106	0.01169	362	362	0 ANNUAL	TMA	5	
PINEGEN	421489	5399106	0.01035	359	359	0 ANNUAL	TMA	5	
PINEGEN	421489	5398106	0.00928	370	370	0 ANNUAL	TMA	5	
PINEGEN	421489	5397106	0.00834	365	365	0 ANNUAL	TMA	5	
PINEGEN	422489	5408106	0.05857	356	356	0 ANNUAL	TMA	5	
PINEGEN	422489	5407106	0.04224	358.1	358.1	0 ANNUAL	TMA	5	
PINEGEN	422489	5406106	0.03223	360	360	0 ANNUAL	TMA	5	
PINEGEN	422489	5405106	0.02555	360	360	0 ANNUAL	TMA	5	
PINEGEN	422489	5404106	0.02082	357	357	0 ANNUAL	TMA	5	
PINEGEN	422489	5403106	0.01739	374.96	374.96	0 ANNUAL	TMA	5	
PINEGEN	422489	5402106	0.01482	372	372	0 ANNUAL	TMA	5	
PINEGEN	422489	5401106	0.01281	370	370	0 ANNUAL	TMA	5	
PINEGEN	422489	5400106	0.0112	368.12	368.12	0 ANNUAL	TMA	5	
PINEGEN	422489	5399106	0.00989	363.71	363.71	0 ANNUAL	TMA	5	
PINEGEN	422489	5398106	0.00884	369	369	0 ANNUAL	TMA	5	
PINEGEN	422489	5397106	0.00795	366.36	366.36	0 ANNUAL	TMA	5	
PINEGEN	423489	5408106	0.0598	354	354	0 ANNUAL	TMA	5	
PINEGEN	423489	5406106	0.03222	361	361	0 ANNUAL	TMA	5	
PINEGEN	423489	5405106	0.02534	359	359	0 ANNUAL	TMA	5	
PINEGEN	423489	5404106	0.02059	358	358	0 ANNUAL	TMA	5	
PINEGEN	423489	5403106	0.0171	376	376	0 ANNUAL	TMA	5	
PINEGEN	423489	5402106	0.01452	376	376	0 ANNUAL	TMA	5	
PINEGEN	423489	5401106	0.01251	378	378	0 ANNUAL	TMA	5	
PINEGEN	423489	5400106	0.01096	375.48	375.48	0 ANNUAL	TMA	5	
PINEGEN	423489	5399106	0.00973	367	367	0 ANNUAL	TMA	5	
PINEGEN	423489	5398106	0.00868	370	370	0 ANNUAL	TMA	5	
PINEGEN	423489	5397106	0.00778	362.4	362.4	0 ANNUAL	TMA	5	
PINEGEN	424489	5406106	0.03333	369.19	369.19	0 ANNUAL	TMA	5	
PINEGEN	424489	5405106	0.02613	368.07	368.07	0 ANNUAL	TMA	5	
PINEGEN	424489	5404106	0.02108	361.08	366	0 ANNUAL	TMA	5	
PINEGEN	424489	5403106	0.01742	377.23	377.23	0 ANNUAL	TMA	5	
PINEGEN	424489	5402106	0.01474	378	378	0 ANNUAL	TMA	5	
PINEGEN	424489	5401106	0.01271	376	376	0 ANNUAL	TMA	5	
PINEGEN	424489	5400106	0.01115	373.06	373.06	0 ANNUAL	TMA	5	
PINEGEN	424489	5399106	0.00986	370	370	0 ANNUAL	TMA	5	
PINEGEN	424489	5398106	0.00879	365	365	0 ANNUAL	TMA	5	
PINEGEN	424489	5397106	0.00787	357	357	0 ANNUAL	TMA	5	
PINEGEN	425489	5407106	0.04441	366.67	366.67	0 ANNUAL	TMA	5	
PINEGEN	425489	5406106	0.03426	378.68	378.68	0 ANNUAL	TMA	5	
PINEGEN	425489	5405106	0.02716	362	362	0 ANNUAL	TMA	5	
PINEGEN	425489	5404106	0.02208	370	370	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	425489	5403106	0.01828	370	370	0 ANNUAL	TMA	5	
PINEGEN	425489	5402106	0.0154	377.99	377.99	0 ANNUAL	TMA	5	
PINEGEN	425489	5401106	0.01321	375	375	0 ANNUAL	TMA	5	
PINEGEN	425489	5400106	0.01152	370	370	0 ANNUAL	TMA	5	
PINEGEN	425489	5399106	0.01014	368	368	0 ANNUAL	TMA	5	
PINEGEN	425489	5398106	0.00898	359	359	0 ANNUAL	TMA	5	
PINEGEN	425489	5397106	0.00804	359	359	0 ANNUAL	TMA	5	
PINEGEN	420489	5401106	0.0136	364	364	0 ANNUAL	TMA	5	
PINEGEN	420489	5400106	0.01197	359	359	0 ANNUAL	TMA	5	
PINEGEN	420489	5399106	0.01064	357	357	0 ANNUAL	TMA	5	
PINEGEN	420489	5398106	0.00955	361	361	0 ANNUAL	TMA	5	
PINEGEN	420489	5397106	0.00862	360	360	0 ANNUAL	TMA	5	
PINEGEN	419489	5401106	0.01329	358	358	0 ANNUAL	TMA	5	
PINEGEN	419489	5400106	0.01184	361.28	361.28	0 ANNUAL	TMA	5	
PINEGEN	419489	5399106	0.01058	355	355	0 ANNUAL	TMA	5	
PINEGEN	419489	5398106	0.00956	359.29	359.29	0 ANNUAL	TMA	5	
PINEGEN	419489	5397106	0.0087	370.8	370.8	0 ANNUAL	TMA	5	
PINEGEN	418489	5401106	0.0125	362.6	362.6	0 ANNUAL	TMA	5	
PINEGEN	418489	5400106	0.01119	363	363	0 ANNUAL	TMA	5	
PINEGEN	418489	5399106	0.01007	354	354	0 ANNUAL	TMA	5	
PINEGEN	418489	5398106	0.00915	354.91	354.91	0 ANNUAL	TMA	5	
PINEGEN	418489	5397106	0.00838	364.03	364.03	0 ANNUAL	TMA	5	
PINEGEN	417489	5401106	0.01178	351	351	0 ANNUAL	TMA	5	
PINEGEN	417489	5400106	0.01056	359	359	0 ANNUAL	TMA	5	
PINEGEN	417489	5399106	0.0095	350	350	0 ANNUAL	TMA	5	
PINEGEN	417489	5398106	0.00865	349	349	0 ANNUAL	TMA	5	
PINEGEN	417489	5397106	0.00795	354	354	0 ANNUAL	TMA	5	
PINEGEN	416489	5401106	0.01128	348.07	348.07	0 ANNUAL	TMA	5	
PINEGEN	416489	5400106	0.01007	354.16	354.16	0 ANNUAL	TMA	5	
PINEGEN	416489	5399106	0.00905	347	347	0 ANNUAL	TMA	5	
PINEGEN	416489	5398106	0.00824	350	350	0 ANNUAL	TMA	5	
PINEGEN	416489	5397106	0.00755	351	351	0 ANNUAL	TMA	5	
PINEGEN	415489	5401106	0.01117	347	347	0 ANNUAL	TMA	5	
PINEGEN	415489	5400106	0.00979	347	347	0 ANNUAL	TMA	5	
PINEGEN	415489	5399106	0.00873	348	348	0 ANNUAL	TMA	5	
PINEGEN	415489	5398106	0.0079	346	346	0 ANNUAL	TMA	5	
PINEGEN	415489	5397106	0.00724	349.43	349.43	0 ANNUAL	TMA	5	
PINEGEN	414489	5401106	0.01105	344.99	344.99	0 ANNUAL	TMA	5	
PINEGEN	414489	5400106	0.00981	345	345	0 ANNUAL	TMA	5	
PINEGEN	414489	5399106	0.0087	348.68	348.68	0 ANNUAL	TMA	5	
PINEGEN	414489	5398106	0.00776	350	350	0 ANNUAL	TMA	5	
PINEGEN	414489	5397106	0.00701	348	348	0 ANNUAL	TMA	5	
PINEGEN	413489	5401106	0.01069	350	350	0 ANNUAL	TMA	5	
PINEGEN	413489	5400106	0.00967	348.95	348.95	0 ANNUAL	TMA	5	
PINEGEN	413489	5399106	0.00868	342	342	0 ANNUAL	TMA	5	
PINEGEN	413489	5398106	0.00779	343	343	0 ANNUAL	TMA	5	
PINEGEN	413489	5397106	0.007	346	346	0 ANNUAL	TMA	5	
PINEGEN	412489	5401106	0.00988	345.75	345.75	0 ANNUAL	TMA	5	
PINEGEN	412489	5400106	0.00929	347	347	0 ANNUAL	TMA	5	
PINEGEN	412489	5399106	0.00855	350	350	0 ANNUAL	TMA	5	
PINEGEN	412489	5398106	0.00772	336.36	336.36	0 ANNUAL	TMA	5	
PINEGEN	412489	5397106	0.00705	352	352	0 ANNUAL	TMA	5	
PINEGEN	411489	5401106	0.00892	341.01	341.01	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	411489	5400106	0.0085	340	340	0 ANNUAL	TMA	5	
PINEGEN	411489	5399106	0.00813	339.84	339.84	0 ANNUAL	TMA	5	
PINEGEN	411489	5398106	0.00759	338	338	0 ANNUAL	TMA	5	
PINEGEN	411489	5397106	0.00695	337	337	0 ANNUAL	TMA	5	
PINEGEN	410489	5401106	0.00838	336	336	0 ANNUAL	TMA	5	
PINEGEN	410489	5400106	0.00772	333	333	0 ANNUAL	TMA	5	
PINEGEN	410489	5399106	0.00739	333	333	0 ANNUAL	TMA	5	
PINEGEN	410489	5398106	0.00716	333	333	0 ANNUAL	TMA	5	
PINEGEN	410489	5397106	0.00681	336	336	0 ANNUAL	TMA	5	
PINEGEN	409489	5401106	0.00815	331.92	331.92	0 ANNUAL	TMA	5	
PINEGEN	409489	5400106	0.00734	332	332	0 ANNUAL	TMA	5	
PINEGEN	409489	5399106	0.00678	330	330	0 ANNUAL	TMA	5	
PINEGEN	409489	5398106	0.0065	331	331	0 ANNUAL	TMA	5	
PINEGEN	409489	5397106	0.00635	332	332	0 ANNUAL	TMA	5	
PINEGEN	408489	5401106	0.00788	339	339	0 ANNUAL	TMA	5	
PINEGEN	408489	5400106	0.0072	332.35	332.35	0 ANNUAL	TMA	5	
PINEGEN	408489	5399106	0.00653	336	336	0 ANNUAL	TMA	5	
PINEGEN	408489	5398106	0.00602	330	330	0 ANNUAL	TMA	5	
PINEGEN	408489	5397106	0.00578	332	332	0 ANNUAL	TMA	5	
PINEGEN	407489	5401106	0.00751	335.77	335.77	0 ANNUAL	TMA	5	
PINEGEN	407489	5400106	0.00698	340	340	0 ANNUAL	TMA	5	
PINEGEN	407489	5399106	0.00645	341.44	341.44	0 ANNUAL	TMA	5	
PINEGEN	407489	5398106	0.00584	330	330	0 ANNUAL	TMA	5	
PINEGEN	407489	5397106	0.0054	330	330	0 ANNUAL	TMA	5	
PINEGEN	406489	5401106	0.00734	338	338	0 ANNUAL	TMA	5	
PINEGEN	406489	5400106	0.00664	338	338	0 ANNUAL	TMA	5	
PINEGEN	406489	5399106	0.00623	334	334	0 ANNUAL	TMA	5	
PINEGEN	406489	5398106	0.00578	330	330	0 ANNUAL	TMA	5	
PINEGEN	406489	5397106	0.00527	330	330	0 ANNUAL	TMA	5	
PINEGEN	405489	5401106	0.00728	341	341	0 ANNUAL	TMA	5	
PINEGEN	405489	5400106	0.00646	340	340	0 ANNUAL	TMA	5	
PINEGEN	405489	5399106	0.00592	332	332	0 ANNUAL	TMA	5	
PINEGEN	405489	5398106	0.00561	330	330	0 ANNUAL	TMA	5	
PINEGEN	405489	5397106	0.00524	330	330	0 ANNUAL	TMA	5	
PINEGEN	409489	5402106	0.00899	336	336	0 ANNUAL	TMA	5	
PINEGEN	409489	5403106	0.00999	335	335	0 ANNUAL	TMA	5	
PINEGEN	409489	5404106	0.01144	336.7	336.7	0 ANNUAL	TMA	5	
PINEGEN	409489	5405106	0.01263	342	342	0 ANNUAL	TMA	5	
PINEGEN	409489	5406106	0.01292	344	344	0 ANNUAL	TMA	5	
PINEGEN	409489	5407106	0.01276	344.53	344.53	0 ANNUAL	TMA	5	
PINEGEN	409489	5408106	0.01226	343	343	0 ANNUAL	TMA	5	
PINEGEN	409489	5409106	0.01226	343	343	0 ANNUAL	TMA	5	
PINEGEN	409489	5410106	0.01256	340.89	340.89	0 ANNUAL	TMA	5	
PINEGEN	409489	5411106	0.01213	348	348	0 ANNUAL	TMA	5	
PINEGEN	409489	5412106	0.01184	355.12	355.12	0 ANNUAL	TMA	5	
PINEGEN	409489	5413106	0.01124	359.32	359.32	0 ANNUAL	TMA	5	
PINEGEN	409489	5414106	0.01033	355	355	0 ANNUAL	TMA	5	
PINEGEN	409489	5415106	0.00992	360	360	0 ANNUAL	TMA	5	
PINEGEN	409489	5416106	0.01001	361.39	361.39	0 ANNUAL	TMA	5	
PINEGEN	409489	5417106	0.01005	361.64	361.64	0 ANNUAL	TMA	5	
PINEGEN	408489	5402106	0.00858	330	330	0 ANNUAL	TMA	5	
PINEGEN	408489	5403106	0.00975	333	333	0 ANNUAL	TMA	5	
PINEGEN	408489	5404106	0.01092	335	335	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	408489	5405106	0.01143	340	340	0 ANNUAL	TMA	5	
PINEGEN	408489	5406106	0.01138	341	341	0 ANNUAL	TMA	5	
PINEGEN	408489	5407106	0.01117	342	342	0 ANNUAL	TMA	5	
PINEGEN	408489	5408106	0.0107	340	340	0 ANNUAL	TMA	5	
PINEGEN	408489	5409106	0.01095	341	341	0 ANNUAL	TMA	5	
PINEGEN	408489	5410106	0.01113	343	343	0 ANNUAL	TMA	5	
PINEGEN	408489	5411106	0.01066	344	344	0 ANNUAL	TMA	5	
PINEGEN	408489	5412106	0.0105	354.96	354.96	0 ANNUAL	TMA	5	
PINEGEN	408489	5413106	0.00998	354	354	0 ANNUAL	TMA	5	
PINEGEN	408489	5414106	0.00923	357	357	0 ANNUAL	TMA	5	
PINEGEN	408489	5415106	0.00877	358	358	0 ANNUAL	TMA	5	
PINEGEN	408489	5416106	0.00885	359.51	359.51	0 ANNUAL	TMA	5	
PINEGEN	408489	5417106	0.00885	349	349	0 ANNUAL	TMA	5	
PINEGEN	407489	5402106	0.0084	331	331	0 ANNUAL	TMA	5	
PINEGEN	407489	5403106	0.00948	330	330	0 ANNUAL	TMA	5	
PINEGEN	407489	5404106	0.01012	332	332	0 ANNUAL	TMA	5	
PINEGEN	407489	5405106	0.01019	334	334	0 ANNUAL	TMA	5	
PINEGEN	407489	5406106	0.0101	334	334	0 ANNUAL	TMA	5	
PINEGEN	407489	5407106	0.00982	341	341	0 ANNUAL	TMA	5	
PINEGEN	407489	5408106	0.00952	342	342	0 ANNUAL	TMA	5	
PINEGEN	407489	5409106	0.00993	345	345	0 ANNUAL	TMA	5	
PINEGEN	407489	5410106	0.00991	348	348	0 ANNUAL	TMA	5	
PINEGEN	407489	5411106	0.00951	351	351	0 ANNUAL	TMA	5	
PINEGEN	407489	5412106	0.0094	358	358	0 ANNUAL	TMA	5	
PINEGEN	407489	5413106	0.00896	359.74	359.74	0 ANNUAL	TMA	5	
PINEGEN	407489	5414106	0.00834	368	368	0 ANNUAL	TMA	5	
PINEGEN	407489	5415106	0.00784	358.6	358.6	0 ANNUAL	TMA	5	
PINEGEN	407489	5416106	0.00789	366	366	0 ANNUAL	TMA	5	
PINEGEN	407489	5417106	0.00792	346	346	0 ANNUAL	TMA	5	
PINEGEN	406489	5402106	0.0083	338	338	0 ANNUAL	TMA	5	
PINEGEN	406489	5403106	0.00901	331	331	0 ANNUAL	TMA	5	
PINEGEN	406489	5404106	0.0092	332.01	341	0 ANNUAL	TMA	5	
PINEGEN	406489	5405106	0.00915	338	338	0 ANNUAL	TMA	5	
PINEGEN	406489	5406106	0.00907	341	341	0 ANNUAL	TMA	5	
PINEGEN	406489	5407106	0.00868	344	344	0 ANNUAL	TMA	5	
PINEGEN	406489	5408106	0.00862	346	346	0 ANNUAL	TMA	5	
PINEGEN	406489	5409106	0.00905	349	349	0 ANNUAL	TMA	5	
PINEGEN	406489	5410106	0.00886	356	356	0 ANNUAL	TMA	5	
PINEGEN	406489	5411106	0.00856	361	361	0 ANNUAL	TMA	5	
PINEGEN	406489	5412106	0.00849	364	364	0 ANNUAL	TMA	5	
PINEGEN	406489	5413106	0.0081	361	361	0 ANNUAL	TMA	5	
PINEGEN	406489	5414106	0.00755	358.62	358.62	0 ANNUAL	TMA	5	
PINEGEN	406489	5415106	0.00705	349	349	0 ANNUAL	TMA	5	
PINEGEN	406489	5416106	0.00704	350	350	0 ANNUAL	TMA	5	
PINEGEN	406489	5417106	0.00714	342	342	0 ANNUAL	TMA	5	
PINEGEN	405489	5402106	0.00804	339	339	0 ANNUAL	TMA	5	
PINEGEN	405489	5403106	0.00835	334	334	0 ANNUAL	TMA	5	
PINEGEN	405489	5404106	0.00832	334	334	0 ANNUAL	TMA	5	
PINEGEN	405489	5405106	0.00829	338.46	338.46	0 ANNUAL	TMA	5	
PINEGEN	405489	5406106	0.00813	341	341	0 ANNUAL	TMA	5	
PINEGEN	405489	5407106	0.00773	342	342	0 ANNUAL	TMA	5	
PINEGEN	405489	5408106	0.0079	343	343	0 ANNUAL	TMA	5	
PINEGEN	405489	5409106	0.00824	344	344	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
PINEGEN	405489	5410106	0.00795	353	353	0 ANNUAL	TMA	5	
PINEGEN	405489	5411106	0.00776	362.66	362.66	0 ANNUAL	TMA	5	
PINEGEN	405489	5412106	0.00772	366	366	0 ANNUAL	TMA	5	
PINEGEN	405489	5413106	0.00736	360	360	0 ANNUAL	TMA	5	
PINEGEN	405489	5414106	0.00688	351.67	351.67	0 ANNUAL	TMA	5	
PINEGEN	405489	5415106	0.0064	345	345	0 ANNUAL	TMA	5	
PINEGEN	405489	5416106	0.00635	349	349	0 ANNUAL	TMA	5	
PINEGEN	405489	5417106	0.00648	343	343	0 ANNUAL	TMA	5	
TMA	420878	5414263	0.38958	376	376	0 ANNUAL	TMA	5	
TMA	420878	5414283	0.3852	376	376	0 ANNUAL	TMA	5	
TMA	420878	5414303	0.38091	376	376	0 ANNUAL	TMA	5	
TMA	420878	5414323	0.37684	375.78	375.78	0 ANNUAL	TMA	5	
TMA	420878	5414343	0.37296	375.31	375.31	0 ANNUAL	TMA	5	
TMA	420878	5414363	0.36905	375	375	0 ANNUAL	TMA	5	
TMA	420878	5414383	0.36505	375	375	0 ANNUAL	TMA	5	
TMA	420878	5414403	0.36112	375	375	0 ANNUAL	TMA	5	
TMA	420878	5414423	0.35726	375	375	0 ANNUAL	TMA	5	
TMA	420878	5414443	0.35347	375	375	0 ANNUAL	TMA	5	
TMA	420898	5414263	0.39485	376	376	0 ANNUAL	TMA	5	
TMA	420898	5414283	0.39035	376	376	0 ANNUAL	TMA	5	
TMA	420898	5414303	0.38594	376	376	0 ANNUAL	TMA	5	
TMA	420898	5414323	0.38205	375.29	375.29	0 ANNUAL	TMA	5	
TMA	420898	5414343	0.37794	375	375	0 ANNUAL	TMA	5	
TMA	420898	5414363	0.37376	375	375	0 ANNUAL	TMA	5	
TMA	420898	5414383	0.36966	375	375	0 ANNUAL	TMA	5	
TMA	420898	5414403	0.36562	375	375	0 ANNUAL	TMA	5	
TMA	420898	5414423	0.36167	375	375	0 ANNUAL	TMA	5	
TMA	420898	5414443	0.35778	375	375	0 ANNUAL	TMA	5	
TMA	420918	5414263	0.40028	375.87	375.87	0 ANNUAL	TMA	5	
TMA	420918	5414283	0.39618	375.03	375.03	0 ANNUAL	TMA	5	
TMA	420918	5414303	0.39162	375.05	375.05	0 ANNUAL	TMA	5	
TMA	420918	5414323	0.38718	375.02	375.02	0 ANNUAL	TMA	5	
TMA	420918	5414343	0.38281	375	375	0 ANNUAL	TMA	5	
TMA	420918	5414363	0.37851	375	375	0 ANNUAL	TMA	5	
TMA	420918	5414383	0.3743	375	375	0 ANNUAL	TMA	5	
TMA	420918	5414403	0.37016	375	375	0 ANNUAL	TMA	5	
TMA	420918	5414423	0.36611	375	375	0 ANNUAL	TMA	5	
TMA	420918	5414443	0.36212	375	375	0 ANNUAL	TMA	5	
TMA	420938	5414263	0.40625	375	375	0 ANNUAL	TMA	5	
TMA	420938	5414283	0.40148	375	375	0 ANNUAL	TMA	5	
TMA	420938	5414303	0.3968	375	375	0 ANNUAL	TMA	5	
TMA	420938	5414323	0.39222	375	375	0 ANNUAL	TMA	5	
TMA	420938	5414343	0.38772	375	375	0 ANNUAL	TMA	5	
TMA	420938	5414363	0.38331	375	375	0 ANNUAL	TMA	5	
TMA	420938	5414383	0.37899	375	375	0 ANNUAL	TMA	5	
TMA	420938	5414403	0.37474	375	375	0 ANNUAL	TMA	5	
TMA	420938	5414423	0.37058	375	375	0 ANNUAL	TMA	5	
TMA	420938	5414443	0.36649	375	375	0 ANNUAL	TMA	5	
TMA	420958	5414263	0.41173	375	375	0 ANNUAL	TMA	5	
TMA	420958	5414283	0.40682	375	375	0 ANNUAL	TMA	5	
TMA	420958	5414303	0.40201	375	375	0 ANNUAL	TMA	5	
TMA	420958	5414323	0.3973	375	375	0 ANNUAL	TMA	5	
TMA	420958	5414343	0.39268	375	375	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420958	5414363	0.38816	375	375	0 ANNUAL	TMA	5	
TMA	420958	5414383	0.38372	375	375	0 ANNUAL	TMA	5	
TMA	420958	5414403	0.37936	375	375	0 ANNUAL	TMA	5	
TMA	420958	5414423	0.37509	375	375	0 ANNUAL	TMA	5	
TMA	420958	5414443	0.3709	375	375	0 ANNUAL	TMA	5	
TMA	420978	5414263	0.41727	375	375	0 ANNUAL	TMA	5	
TMA	420978	5414283	0.41222	375	375	0 ANNUAL	TMA	5	
TMA	420978	5414303	0.40728	375	375	0 ANNUAL	TMA	5	
TMA	420978	5414323	0.40244	375	375	0 ANNUAL	TMA	5	
TMA	420978	5414343	0.3977	375	375	0 ANNUAL	TMA	5	
TMA	420978	5414363	0.39305	375	375	0 ANNUAL	TMA	5	
TMA	420978	5414383	0.38849	375	375	0 ANNUAL	TMA	5	
TMA	420978	5414403	0.38403	375	375	0 ANNUAL	TMA	5	
TMA	420978	5414423	0.37965	375	375	0 ANNUAL	TMA	5	
TMA	420978	5414443	0.37535	375	375	0 ANNUAL	TMA	5	
TMA	420998	5414263	0.42303	374.77	374.77	0 ANNUAL	TMA	5	
TMA	420998	5414283	0.41782	374.8	374.8	0 ANNUAL	TMA	5	
TMA	420998	5414303	0.41263	374.98	374.98	0 ANNUAL	TMA	5	
TMA	420998	5414323	0.40764	375	375	0 ANNUAL	TMA	5	
TMA	420998	5414343	0.40277	375	375	0 ANNUAL	TMA	5	
TMA	420998	5414363	0.39799	375	375	0 ANNUAL	TMA	5	
TMA	420998	5414383	0.39332	375	375	0 ANNUAL	TMA	5	
TMA	420998	5414403	0.38873	375	375	0 ANNUAL	TMA	5	
TMA	420998	5414423	0.38424	375	375	0 ANNUAL	TMA	5	
TMA	420998	5414443	0.37984	375	375	0 ANNUAL	TMA	5	
TMA	421018	5414263	0.42948	374	374	0 ANNUAL	TMA	5	
TMA	421018	5414283	0.42381	374.03	374.03	0 ANNUAL	TMA	5	
TMA	421018	5414303	0.41833	374.46	374.46	0 ANNUAL	TMA	5	
TMA	421018	5414323	0.41296	374.9	374.9	0 ANNUAL	TMA	5	
TMA	421018	5414343	0.40789	375	375	0 ANNUAL	TMA	5	
TMA	421018	5414363	0.40299	375	375	0 ANNUAL	TMA	5	
TMA	421018	5414383	0.39819	375	375	0 ANNUAL	TMA	5	
TMA	421018	5414403	0.39349	375	375	0 ANNUAL	TMA	5	
TMA	421018	5414423	0.38888	375	375	0 ANNUAL	TMA	5	
TMA	421018	5414443	0.38436	375	375	0 ANNUAL	TMA	5	
TMA	421038	5414263	0.43486	374.17	374.17	0 ANNUAL	TMA	5	
TMA	421038	5414283	0.42896	374.82	374.82	0 ANNUAL	TMA	5	
TMA	421038	5414303	0.42359	374.81	374.81	0 ANNUAL	TMA	5	
TMA	421038	5414323	0.41824	374.96	374.96	0 ANNUAL	TMA	5	
TMA	421038	5414343	0.41308	375	375	0 ANNUAL	TMA	5	
TMA	421038	5414363	0.40804	375	375	0 ANNUAL	TMA	5	
TMA	421038	5414383	0.40312	375	375	0 ANNUAL	TMA	5	
TMA	421038	5414403	0.39829	375	375	0 ANNUAL	TMA	5	
TMA	421038	5414423	0.39356	375	375	0 ANNUAL	TMA	5	
TMA	421038	5414443	0.38893	375	375	0 ANNUAL	TMA	5	
TMA	421058	5414263	0.44018	375	375	0 ANNUAL	TMA	5	
TMA	421058	5414283	0.43453	375	375	0 ANNUAL	TMA	5	
TMA	421058	5414303	0.42901	375	375	0 ANNUAL	TMA	5	
TMA	421058	5414323	0.42361	375	375	0 ANNUAL	TMA	5	
TMA	421058	5414343	0.41832	375	375	0 ANNUAL	TMA	5	
TMA	421058	5414363	0.41315	375	375	0 ANNUAL	TMA	5	
TMA	421058	5414383	0.40809	375	375	0 ANNUAL	TMA	5	
TMA	421058	5414403	0.40314	375.01	375.01	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421058	5414423	0.39829	375	375	0 ANNUAL	TMA	5	
TMA	421058	5414443	0.39354	375	375	0 ANNUAL	TMA	5	
TMA	421078	5414263	0.4461	375	375	0 ANNUAL	TMA	5	
TMA	421078	5414283	0.44029	375	375	0 ANNUAL	TMA	5	
TMA	421078	5414303	0.43461	375	375	0 ANNUAL	TMA	5	
TMA	421078	5414323	0.42906	375	375	0 ANNUAL	TMA	5	
TMA	421078	5414343	0.42346	375.26	375.26	0 ANNUAL	TMA	5	
TMA	421078	5414363	0.41808	375.37	375.37	0 ANNUAL	TMA	5	
TMA	421078	5414383	0.41291	375.35	375.35	0 ANNUAL	TMA	5	
TMA	421078	5414403	0.40773	375.51	375.51	0 ANNUAL	TMA	5	
TMA	421078	5414423	0.40243	376	376	0 ANNUAL	TMA	5	
TMA	421078	5414443	0.39758	376	376	0 ANNUAL	TMA	5	
TMA	421098	5414263	0.45196	375.19	375.19	0 ANNUAL	TMA	5	
TMA	421098	5414283	0.44553	375.75	375.75	0 ANNUAL	TMA	5	
TMA	421098	5414303	0.43973	375.73	375.73	0 ANNUAL	TMA	5	
TMA	421098	5414323	0.43406	375.71	375.71	0 ANNUAL	TMA	5	
TMA	421098	5414343	0.42834	375.91	375.91	0 ANNUAL	TMA	5	
TMA	421098	5414363	0.42283	376	376	0 ANNUAL	TMA	5	
TMA	421098	5414383	0.41752	376	376	0 ANNUAL	TMA	5	
TMA	421098	5414403	0.41233	376	376	0 ANNUAL	TMA	5	
TMA	421098	5414423	0.40724	376	376	0 ANNUAL	TMA	5	
TMA	421098	5414443	0.40226	376	376	0 ANNUAL	TMA	5	
TMA	421118	5414263	0.45733	376	376	0 ANNUAL	TMA	5	
TMA	421118	5414283	0.4512	376.01	376.01	0 ANNUAL	TMA	5	
TMA	421118	5414303	0.44519	376.04	376.04	0 ANNUAL	TMA	5	
TMA	421118	5414323	0.43937	376.02	376.02	0 ANNUAL	TMA	5	
TMA	421118	5414343	0.43367	376.01	376.01	0 ANNUAL	TMA	5	
TMA	421118	5414363	0.4281	376	376	0 ANNUAL	TMA	5	
TMA	421118	5414383	0.4223	376.42	376.42	0 ANNUAL	TMA	5	
TMA	421118	5414403	0.41651	376.95	376.95	0 ANNUAL	TMA	5	
TMA	421118	5414423	0.41134	376.93	376.93	0 ANNUAL	TMA	5	
TMA	421118	5414443	0.40627	376.91	376.91	0 ANNUAL	TMA	5	
TMA	421138	5414263	0.46308	376.39	376.39	0 ANNUAL	TMA	5	
TMA	421138	5414283	0.45673	376.45	376.45	0 ANNUAL	TMA	5	
TMA	421138	5414303	0.45001	377	377	0 ANNUAL	TMA	5	
TMA	421138	5414323	0.44404	377	377	0 ANNUAL	TMA	5	
TMA	421138	5414343	0.43821	377	377	0 ANNUAL	TMA	5	
TMA	421138	5414363	0.43251	377	377	0 ANNUAL	TMA	5	
TMA	421138	5414383	0.42681	377.12	377.12	0 ANNUAL	TMA	5	
TMA	421138	5414403	0.42123	377.26	377.26	0 ANNUAL	TMA	5	
TMA	421138	5414423	0.41593	377.24	377.24	0 ANNUAL	TMA	5	
TMA	421138	5414443	0.41074	377.22	377.22	0 ANNUAL	TMA	5	
TMA	421158	5414263	0.4686	377	377	0 ANNUAL	TMA	5	
TMA	421158	5414283	0.46215	377	377	0 ANNUAL	TMA	5	
TMA	421158	5414303	0.45586	377	377	0 ANNUAL	TMA	5	
TMA	421158	5414323	0.44907	377.56	377.56	0 ANNUAL	TMA	5	
TMA	421158	5414343	0.44302	377.62	377.62	0 ANNUAL	TMA	5	
TMA	421158	5414363	0.4372	377.61	377.61	0 ANNUAL	TMA	5	
TMA	421158	5414383	0.4313	377.78	377.78	0 ANNUAL	TMA	5	
TMA	421158	5414403	0.42549	378	378	0 ANNUAL	TMA	5	
TMA	421158	5414423	0.42005	378	378	0 ANNUAL	TMA	5	
TMA	421158	5414443	0.41473	378	378	0 ANNUAL	TMA	5	
TMA	421178	5414263	0.4745	377.3	377.3	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421178	5414283	0.46694	377.99	377.99	0 ANNUAL	TMA	5	
TMA	421178	5414303	0.46054	377.97	377.97	0 ANNUAL	TMA	5	
TMA	421178	5414323	0.45424	377.99	377.99	0 ANNUAL	TMA	5	
TMA	421178	5414343	0.4481	378	378	0 ANNUAL	TMA	5	
TMA	421178	5414363	0.44212	378	378	0 ANNUAL	TMA	5	
TMA	421178	5414383	0.43575	378.42	378.42	0 ANNUAL	TMA	5	
TMA	421178	5414403	0.42945	378.88	378.88	0 ANNUAL	TMA	5	
TMA	421178	5414423	0.42394	378.86	378.86	0 ANNUAL	TMA	5	
TMA	421178	5414443	0.41854	378.84	378.84	0 ANNUAL	TMA	5	
TMA	421198	5414263	0.47984	378	378	0 ANNUAL	TMA	5	
TMA	421198	5414283	0.47306	378	378	0 ANNUAL	TMA	5	
TMA	421198	5414303	0.46643	378.01	378.01	0 ANNUAL	TMA	5	
TMA	421198	5414323	0.45968	378.23	378.23	0 ANNUAL	TMA	5	
TMA	421198	5414343	0.45254	378.82	378.82	0 ANNUAL	TMA	5	
TMA	421198	5414363	0.44616	379	379	0 ANNUAL	TMA	5	
TMA	421198	5414383	0.44021	379	379	0 ANNUAL	TMA	5	
TMA	421198	5414403	0.43431	379.06	379.06	0 ANNUAL	TMA	5	
TMA	421198	5414423	0.42847	379.17	379.17	0 ANNUAL	TMA	5	
TMA	421198	5414443	0.42296	379.15	379.15	0 ANNUAL	TMA	5	
TMA	421218	5414263	0.48594	378.2	378.2	0 ANNUAL	TMA	5	
TMA	421218	5414283	0.4783	378.61	378.61	0 ANNUAL	TMA	5	
TMA	421218	5414303	0.47155	378.6	378.6	0 ANNUAL	TMA	5	
TMA	421218	5414323	0.46437	378.96	378.96	0 ANNUAL	TMA	5	
TMA	421218	5414343	0.45789	379	379	0 ANNUAL	TMA	5	
TMA	421218	5414363	0.45162	379	379	0 ANNUAL	TMA	5	
TMA	421218	5414383	0.44513	379.25	379.25	0 ANNUAL	TMA	5	
TMA	421218	5414403	0.4385	379.68	379.68	0 ANNUAL	TMA	5	
TMA	421218	5414423	0.43219	380	380	0 ANNUAL	TMA	5	
TMA	421218	5414443	0.42654	380	380	0 ANNUAL	TMA	5	
TMA	421238	5414263	0.49107	378.96	378.96	0 ANNUAL	TMA	5	
TMA	421238	5414283	0.48387	379	379	0 ANNUAL	TMA	5	
TMA	421238	5414303	0.47693	379	379	0 ANNUAL	TMA	5	
TMA	421238	5414323	0.47017	379	379	0 ANNUAL	TMA	5	
TMA	421238	5414343	0.46357	379	379	0 ANNUAL	TMA	5	
TMA	421238	5414363	0.45624	379.54	379.54	0 ANNUAL	TMA	5	
TMA	421238	5414383	0.44936	379.91	379.91	0 ANNUAL	TMA	5	
TMA	421238	5414403	0.44312	380	380	0 ANNUAL	TMA	5	
TMA	421238	5414423	0.43689	380.18	380.18	0 ANNUAL	TMA	5	
TMA	421238	5414443	0.43023	380.69	380.69	0 ANNUAL	TMA	5	
TMA	421258	5414263	0.49753	379	379	0 ANNUAL	TMA	5	
TMA	421258	5414283	0.4901	379.05	379.05	0 ANNUAL	TMA	5	
TMA	421258	5414303	0.48257	379.26	379.26	0 ANNUAL	TMA	5	
TMA	421258	5414323	0.47432	379.94	379.94	0 ANNUAL	TMA	5	
TMA	421258	5414343	0.46749	380	380	0 ANNUAL	TMA	5	
TMA	421258	5414363	0.46094	380	380	0 ANNUAL	TMA	5	
TMA	421258	5414383	0.45442	380.07	380.07	0 ANNUAL	TMA	5	
TMA	421258	5414403	0.4475	380.45	380.45	0 ANNUAL	TMA	5	
TMA	421258	5414423	0.4404	381	381	0 ANNUAL	TMA	5	
TMA	421258	5414443	0.43452	381	381	0 ANNUAL	TMA	5	
TMA	421278	5414263	0.50413	379	379	0 ANNUAL	TMA	5	
TMA	421278	5414283	0.49617	379.21	379.21	0 ANNUAL	TMA	5	
TMA	421278	5414303	0.48722	380	380	0 ANNUAL	TMA	5	
TMA	421278	5414323	0.48014	380	380	0 ANNUAL	TMA	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421278	5414343	0.47323	380	380	0 ANNUAL	TMA	5	
TMA	421278	5414363	0.46589	380.31	380.31	0 ANNUAL	TMA	5	
TMA	421278	5414383	0.45849	380.74	380.74	0 ANNUAL	TMA	5	
TMA	421278	5414403	0.45161	381	381	0 ANNUAL	TMA	5	
TMA	421278	5414423	0.44524	381.1	381.1	0 ANNUAL	TMA	5	
TMA	421278	5414443	0.43874	381.34	381.34	0 ANNUAL	TMA	5	
TMA	421298	5414263	0.51016	379.31	379.31	0 ANNUAL	TMA	5	
TMA	421298	5414283	0.50117	379.88	379.88	0 ANNUAL	TMA	5	
TMA	421298	5414303	0.49341	380	380	0 ANNUAL	TMA	5	
TMA	421298	5414323	0.48613	380	380	0 ANNUAL	TMA	5	
TMA	421298	5414343	0.47903	380	380	0 ANNUAL	TMA	5	
TMA	421298	5414363	0.47071	380.68	380.68	0 ANNUAL	TMA	5	
TMA	421298	5414383	0.46334	381	381	0 ANNUAL	TMA	5	
TMA	421298	5414403	0.45619	381.3	381.3	0 ANNUAL	TMA	5	
TMA	421298	5414423	0.4488	381.79	381.79	0 ANNUAL	TMA	5	
TMA	421298	5414443	0.4423	381.96	381.96	0 ANNUAL	TMA	5	
TMA	421318	5414263	0.51673	379.38	379.38	0 ANNUAL	TMA	5	
TMA	421318	5414283	0.50737	380	380	0 ANNUAL	TMA	5	
TMA	421318	5414303	0.49966	380	380	0 ANNUAL	TMA	5	
TMA	421318	5414323	0.49217	380	380	0 ANNUAL	TMA	5	
TMA	421318	5414343	0.48303	380.83	380.83	0 ANNUAL	TMA	5	
TMA	421318	5414363	0.47561	381	381	0 ANNUAL	TMA	5	
TMA	421318	5414383	0.46746	381.56	381.56	0 ANNUAL	TMA	5	
TMA	421318	5414403	0.45974	382.02	382.02	0 ANNUAL	TMA	5	
TMA	421318	5414423	0.45333	382.02	382.02	0 ANNUAL	TMA	5	
TMA	421318	5414443	0.44713	382	382	0 ANNUAL	TMA	5	
TMA	421338	5414263	0.5235	379.39	379.39	0 ANNUAL	TMA	5	
TMA	421338	5414283	0.51389	380	380	0 ANNUAL	TMA	5	
TMA	421338	5414303	0.50597	380	380	0 ANNUAL	TMA	5	
TMA	421338	5414323	0.49827	380	380	0 ANNUAL	TMA	5	
TMA	421338	5414343	0.48886	380.84	380.84	0 ANNUAL	TMA	5	
TMA	421338	5414363	0.48061	381.27	381.27	0 ANNUAL	TMA	5	
TMA	421338	5414383	0.47249	381.73	381.73	0 ANNUAL	TMA	5	
TMA	421338	5414403	0.46393	382.43	382.43	0 ANNUAL	TMA	5	
TMA	421338	5414423	0.45587	383	383	0 ANNUAL	TMA	5	
TMA	421338	5414443	0.44955	383	383	0 ANNUAL	TMA	5	
TMA	421358	5414263	0.53034	379.4	379.4	0 ANNUAL	TMA	5	
TMA	421358	5414283	0.52047	380	380	0 ANNUAL	TMA	5	
TMA	421358	5414303	0.51208	380.1	380.1	0 ANNUAL	TMA	5	
TMA	421358	5414323	0.50265	380.73	380.73	0 ANNUAL	TMA	5	
TMA	421358	5414343	0.49445	380.96	380.96	0 ANNUAL	TMA	5	
TMA	421358	5414363	0.48512	381.72	381.72	0 ANNUAL	TMA	5	
TMA	421358	5414383	0.47618	382.39	382.39	0 ANNUAL	TMA	5	
TMA	421358	5414403	0.46813	382.81	382.81	0 ANNUAL	TMA	5	
TMA	421358	5414423	0.46037	383.2	383.2	0 ANNUAL	TMA	5	
TMA	421358	5414443	0.45272	383.62	383.62	0 ANNUAL	TMA	5	
TMA	421378	5414263	0.53722	379.41	379.41	0 ANNUAL	TMA	5	
TMA	421378	5414283	0.5271	380	380	0 ANNUAL	TMA	5	
TMA	421378	5414303	0.51873	380	380	0 ANNUAL	TMA	5	
TMA	421378	5414323	0.51059	380	380	0 ANNUAL	TMA	5	
TMA	421378	5414343	0.50061	380.87	380.87	0 ANNUAL	TMA	5	
TMA	421378	5414363	0.49078	381.73	381.73	0 ANNUAL	TMA	5	
TMA	421378	5414383	0.48107	382.59	382.59	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421378	5414403	0.4715	383.44	383.44	0 ANNUAL	TMA	5	
TMA	421378	5414423	0.4631	383.97	383.97	0 ANNUAL	TMA	5	
TMA	421378	5414443	0.45648	384	384	0 ANNUAL	TMA	5	
TMA	421398	5414263	0.54457	379.25	379.25	0 ANNUAL	TMA	5	
TMA	421398	5414283	0.53449	379.72	379.72	0 ANNUAL	TMA	5	
TMA	421398	5414303	0.52517	380	380	0 ANNUAL	TMA	5	
TMA	421398	5414323	0.51679	380.01	380.01	0 ANNUAL	TMA	5	
TMA	421398	5414343	0.50655	380.88	380.88	0 ANNUAL	TMA	5	
TMA	421398	5414363	0.49647	381.74	381.74	0 ANNUAL	TMA	5	
TMA	421398	5414383	0.48649	382.61	382.61	0 ANNUAL	TMA	5	
TMA	421398	5414403	0.47625	383.6	383.6	0 ANNUAL	TMA	5	
TMA	421398	5414423	0.46639	384.5	384.5	0 ANNUAL	TMA	5	
TMA	421398	5414443	0.45789	385.05	385.05	0 ANNUAL	TMA	5	
TMA	421418	5414263	0.55219	379	379	0 ANNUAL	TMA	5	
TMA	421418	5414283	0.54225	379.3	379.3	0 ANNUAL	TMA	5	
TMA	421418	5414303	0.53164	380	380	0 ANNUAL	TMA	5	
TMA	421418	5414323	0.52299	380.03	380.03	0 ANNUAL	TMA	5	
TMA	421418	5414343	0.51252	380.89	380.89	0 ANNUAL	TMA	5	
TMA	421418	5414363	0.50219	381.75	381.75	0 ANNUAL	TMA	5	
TMA	421418	5414383	0.4908	382.99	382.99	0 ANNUAL	TMA	5	
TMA	421418	5414403	0.47922	384.27	384.27	0 ANNUAL	TMA	5	
TMA	421418	5414423	0.4689	385.2	385.2	0 ANNUAL	TMA	5	
TMA	421418	5414443	0.46058	385.64	385.64	0 ANNUAL	TMA	5	
TMA	421438	5414263	0.55808	379.46	379.46	0 ANNUAL	TMA	5	
TMA	421438	5414283	0.54723	380	380	0 ANNUAL	TMA	5	
TMA	421438	5414303	0.53815	380	380	0 ANNUAL	TMA	5	
TMA	421438	5414323	0.52925	380.04	380.04	0 ANNUAL	TMA	5	
TMA	421438	5414343	0.5185	380.9	380.9	0 ANNUAL	TMA	5	
TMA	421438	5414363	0.50571	382.48	382.48	0 ANNUAL	TMA	5	
TMA	421438	5414383	0.49424	383.6	383.6	0 ANNUAL	TMA	5	
TMA	421438	5414403	0.482	384.93	384.93	0 ANNUAL	TMA	5	
TMA	421438	5414423	0.46978	386.23	386.23	0 ANNUAL	TMA	5	
TMA	421438	5414443	0.46044	386.86	386.86	0 ANNUAL	TMA	5	
TMA	421458	5414263	0.56364	380	380	0 ANNUAL	TMA	5	
TMA	421458	5414283	0.554	380	380	0 ANNUAL	TMA	5	
TMA	421458	5414303	0.54416	380.19	380.19	0 ANNUAL	TMA	5	
TMA	421458	5414323	0.53275	381.05	381.05	0 ANNUAL	TMA	5	
TMA	421458	5414343	0.52153	381.91	381.91	0 ANNUAL	TMA	5	
TMA	421458	5414363	0.5098	382.97	382.97	0 ANNUAL	TMA	5	
TMA	421458	5414383	0.4969	384.36	384.36	0 ANNUAL	TMA	5	
TMA	421458	5414403	0.48445	385.61	385.61	0 ANNUAL	TMA	5	
TMA	421458	5414423	0.47335	386.55	386.55	0 ANNUAL	TMA	5	
TMA	421458	5414443	0.46279	387.4	387.4	0 ANNUAL	TMA	5	
TMA	421478	5414263	0.57068	380	380	0 ANNUAL	TMA	5	
TMA	421478	5414283	0.56018	380.21	380.21	0 ANNUAL	TMA	5	
TMA	421478	5414303	0.54888	380.81	380.81	0 ANNUAL	TMA	5	
TMA	421478	5414323	0.53711	381.65	381.65	0 ANNUAL	TMA	5	
TMA	421478	5414343	0.52553	382.5	382.5	0 ANNUAL	TMA	5	
TMA	421478	5414363	0.51283	383.7	383.7	0 ANNUAL	TMA	5	
TMA	421478	5414383	0.49973	385	385	0 ANNUAL	TMA	5	
TMA	421478	5414403	0.48666	386.28	386.28	0 ANNUAL	TMA	5	
TMA	421478	5414423	0.47443	387.38	387.38	0 ANNUAL	TMA	5	
TMA	421478	5414443	0.46349	388.24	388.24	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421498	5414263	0.57465	380.95	380.95	0 ANNUAL	TMA	5	
TMA	421498	5414283	0.56351	381.28	381.28	0 ANNUAL	TMA	5	
TMA	421498	5414303	0.55162	381.93	381.93	0 ANNUAL	TMA	5	
TMA	421498	5414323	0.54165	382.14	382.14	0 ANNUAL	TMA	5	
TMA	421498	5414343	0.52665	383.76	384	0 ANNUAL	TMA	5	
TMA	421498	5414363	0.51457	384.66	384.66	0 ANNUAL	TMA	5	
TMA	421498	5414383	0.50244	385.61	385.61	0 ANNUAL	TMA	5	
TMA	421498	5414403	0.48854	386.96	386.96	0 ANNUAL	TMA	5	
TMA	421498	5414423	0.47518	388.2	388.2	0 ANNUAL	TMA	5	
TMA	421498	5414443	0.46401	389.04	389.04	0 ANNUAL	TMA	5	
TMA	421518	5414263	0.57963	381.5	381.5	0 ANNUAL	TMA	5	
TMA	421518	5414283	0.56721	382.09	382.09	0 ANNUAL	TMA	5	
TMA	421518	5414303	0.55607	382.45	382.45	0 ANNUAL	TMA	5	
TMA	421518	5414323	0.54338	383.29	383.29	0 ANNUAL	TMA	5	
TMA	421518	5414343	0.53091	384.14	384.14	0 ANNUAL	TMA	5	
TMA	421518	5414363	0.51874	384.98	384.98	0 ANNUAL	TMA	5	
TMA	421518	5414383	0.504	386.4	386.4	0 ANNUAL	TMA	5	
TMA	421518	5414403	0.49065	387.54	387.54	0 ANNUAL	TMA	5	
TMA	421518	5414423	0.47891	388.4	388.4	0 ANNUAL	TMA	5	
TMA	421518	5414443	0.46734	389.27	389.27	0 ANNUAL	TMA	5	
TMA	421538	5414263	0.58543	381.79	381.79	0 ANNUAL	TMA	5	
TMA	421538	5414283	0.57272	382.37	382.37	0 ANNUAL	TMA	5	
TMA	421538	5414303	0.55915	383.24	383.24	0 ANNUAL	TMA	5	
TMA	421538	5414323	0.54592	384.1	384.1	0 ANNUAL	TMA	5	
TMA	421538	5414343	0.53297	384.96	384.96	0 ANNUAL	TMA	5	
TMA	421538	5414363	0.52023	385.83	385.83	0 ANNUAL	TMA	5	
TMA	421538	5414383	0.50779	386.69	386.69	0 ANNUAL	TMA	5	
TMA	421538	5414403	0.49559	387.55	387.55	0 ANNUAL	TMA	5	
TMA	421538	5414423	0.48358	388.42	388.42	0 ANNUAL	TMA	5	
TMA	421538	5414443	0.47246	389.17	389.17	0 ANNUAL	TMA	5	
TMA	421558	5414263	0.58948	382.46	382.46	0 ANNUAL	TMA	5	
TMA	421558	5414283	0.57698	382.91	382.91	0 ANNUAL	TMA	5	
TMA	421558	5414303	0.56541	383.25	383.25	0 ANNUAL	TMA	5	
TMA	421558	5414323	0.55189	384.11	384.11	0 ANNUAL	TMA	5	
TMA	421558	5414343	0.53861	384.98	384.98	0 ANNUAL	TMA	5	
TMA	421558	5414363	0.52566	385.84	385.84	0 ANNUAL	TMA	5	
TMA	421558	5414383	0.51296	386.7	386.7	0 ANNUAL	TMA	5	
TMA	421558	5414403	0.50047	387.57	387.57	0 ANNUAL	TMA	5	
TMA	421558	5414423	0.48999	388.12	388.12	0 ANNUAL	TMA	5	
TMA	421558	5414443	0.48071	388.5	388.5	0 ANNUAL	TMA	5	
TMA	421578	5414263	0.59601	382.53	382.53	0 ANNUAL	TMA	5	
TMA	421578	5414283	0.58123	383.4	383.4	0 ANNUAL	TMA	5	
TMA	421578	5414303	0.56816	384	384	0 ANNUAL	TMA	5	
TMA	421578	5414323	0.55784	384.12	384.12	0 ANNUAL	TMA	5	
TMA	421578	5414343	0.54429	384.99	384.99	0 ANNUAL	TMA	5	
TMA	421578	5414363	0.53107	385.85	385.85	0 ANNUAL	TMA	5	
TMA	421578	5414383	0.51839	386.66	386.66	0 ANNUAL	TMA	5	
TMA	421578	5414403	0.50862	386.98	386.98	0 ANNUAL	TMA	5	
TMA	421578	5414423	0.49854	387.42	387.42	0 ANNUAL	TMA	5	
TMA	421578	5414443	0.48813	387.98	387.98	0 ANNUAL	TMA	5	
TMA	421598	5414263	0.60274	382.55	382.55	0 ANNUAL	TMA	5	
TMA	421598	5414283	0.58767	383.41	383.41	0 ANNUAL	TMA	5	
TMA	421598	5414303	0.57437	384	384	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421598	5414323	0.56373	384.14	384.14	0 ANNUAL	TMA	5	
TMA	421598	5414343	0.54995	385	385	0 ANNUAL	TMA	5	
TMA	421598	5414363	0.53828	385.51	385.51	0 ANNUAL	TMA	5	
TMA	421598	5414383	0.52764	385.89	385.89	0 ANNUAL	TMA	5	
TMA	421598	5414403	0.51683	386.37	386.37	0 ANNUAL	TMA	5	
TMA	421598	5414423	0.50737	386.65	386.65	0 ANNUAL	TMA	5	
TMA	421598	5414443	0.49899	386.77	386.77	0 ANNUAL	TMA	5	
TMA	421618	5414263	0.60949	382.56	382.56	0 ANNUAL	TMA	5	
TMA	421618	5414283	0.59409	383.42	383.42	0 ANNUAL	TMA	5	
TMA	421618	5414303	0.58055	384	384	0 ANNUAL	TMA	5	
TMA	421618	5414323	0.56965	384.15	384.15	0 ANNUAL	TMA	5	
TMA	421618	5414343	0.55563	385	385	0 ANNUAL	TMA	5	
TMA	421618	5414363	0.54633	385	385	0 ANNUAL	TMA	5	
TMA	421618	5414383	0.53621	385.23	385.23	0 ANNUAL	TMA	5	
TMA	421618	5414403	0.52512	385.73	385.73	0 ANNUAL	TMA	5	
TMA	421618	5414423	0.51549	386	386	0 ANNUAL	TMA	5	
TMA	421618	5414443	0.50689	386.12	386.12	0 ANNUAL	TMA	5	
TMA	421638	5414263	0.61622	382.57	382.57	0 ANNUAL	TMA	5	
TMA	421638	5414283	0.60265	383	383	0 ANNUAL	TMA	5	
TMA	421638	5414303	0.59024	383.3	383.3	0 ANNUAL	TMA	5	
TMA	421638	5414323	0.57634	384	384	0 ANNUAL	TMA	5	
TMA	421638	5414343	0.56623	384.02	384.02	0 ANNUAL	TMA	5	
TMA	421638	5414363	0.55247	384.87	384.87	0 ANNUAL	TMA	5	
TMA	421638	5414383	0.54264	385	385	0 ANNUAL	TMA	5	
TMA	421638	5414403	0.53371	385.01	385.01	0 ANNUAL	TMA	5	
TMA	421638	5414423	0.525	385.03	385.03	0 ANNUAL	TMA	5	
TMA	421638	5414443	0.51656	385.05	385.05	0 ANNUAL	TMA	5	
TMA	421658	5414263	0.6229	382.58	382.58	0 ANNUAL	TMA	5	
TMA	421658	5414283	0.6091	383	383	0 ANNUAL	TMA	5	
TMA	421658	5414303	0.59698	383.19	383.19	0 ANNUAL	TMA	5	
TMA	421658	5414323	0.58376	383.7	383.7	0 ANNUAL	TMA	5	
TMA	421658	5414343	0.57205	384	384	0 ANNUAL	TMA	5	
TMA	421658	5414363	0.56219	384	384	0 ANNUAL	TMA	5	
TMA	421658	5414383	0.55265	384	384	0 ANNUAL	TMA	5	
TMA	421658	5414403	0.54342	384	384	0 ANNUAL	TMA	5	
TMA	421658	5414423	0.53448	384	384	0 ANNUAL	TMA	5	
TMA	421658	5414443	0.52581	384	384	0 ANNUAL	TMA	5	
TMA	421678	5414263	0.62954	382.59	382.59	0 ANNUAL	TMA	5	
TMA	421678	5414283	0.61551	383	383	0 ANNUAL	TMA	5	
TMA	421678	5414303	0.60409	383	383	0 ANNUAL	TMA	5	
TMA	421678	5414323	0.5928	383.06	383.06	0 ANNUAL	TMA	5	
TMA	421678	5414343	0.58092	383.34	383.34	0 ANNUAL	TMA	5	
TMA	421678	5414363	0.57066	383.36	383.36	0 ANNUAL	TMA	5	
TMA	421678	5414383	0.56074	383.38	383.38	0 ANNUAL	TMA	5	
TMA	421678	5414403	0.55116	383.4	383.4	0 ANNUAL	TMA	5	
TMA	421678	5414423	0.54192	383.41	383.41	0 ANNUAL	TMA	5	
TMA	421678	5414443	0.53294	383.43	383.43	0 ANNUAL	TMA	5	
TMA	421698	5414263	0.63608	382.61	382.61	0 ANNUAL	TMA	5	
TMA	421698	5414283	0.62188	383	383	0 ANNUAL	TMA	5	
TMA	421698	5414303	0.61024	383	383	0 ANNUAL	TMA	5	
TMA	421698	5414323	0.59903	383	383	0 ANNUAL	TMA	5	
TMA	421698	5414343	0.58823	383	383	0 ANNUAL	TMA	5	
TMA	421698	5414363	0.5778	383	383	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421698	5414383	0.56773	383	383	0 ANNUAL	TMA	5	
TMA	421698	5414403	0.558	383	383	0 ANNUAL	TMA	5	
TMA	421698	5414423	0.54859	383	383	0 ANNUAL	TMA	5	
TMA	421698	5414443	0.54067	382.67	382.67	0 ANNUAL	TMA	5	
TMA	421718	5414263	0.64193	382.75	382.75	0 ANNUAL	TMA	5	
TMA	421718	5414283	0.62821	383	383	0 ANNUAL	TMA	5	
TMA	421718	5414303	0.61635	383	383	0 ANNUAL	TMA	5	
TMA	421718	5414323	0.60494	383	383	0 ANNUAL	TMA	5	
TMA	421718	5414343	0.59394	383	383	0 ANNUAL	TMA	5	
TMA	421718	5414363	0.58333	383	383	0 ANNUAL	TMA	5	
TMA	421718	5414383	0.5739	382.81	382.81	0 ANNUAL	TMA	5	
TMA	421718	5414403	0.56409	382.78	382.78	0 ANNUAL	TMA	5	
TMA	421718	5414423	0.55598	382.38	382.38	0 ANNUAL	TMA	5	
TMA	421718	5414443	0.54793	382	382	0 ANNUAL	TMA	5	
TMA	421738	5414263	0.64707	383	383	0 ANNUAL	TMA	5	
TMA	421738	5414283	0.63451	383	383	0 ANNUAL	TMA	5	
TMA	421738	5414303	0.62243	383	383	0 ANNUAL	TMA	5	
TMA	421738	5414323	0.61081	383	383	0 ANNUAL	TMA	5	
TMA	421738	5414343	0.59962	383	383	0 ANNUAL	TMA	5	
TMA	421738	5414363	0.58884	383	383	0 ANNUAL	TMA	5	
TMA	421738	5414383	0.58179	382.19	382.19	0 ANNUAL	TMA	5	
TMA	421738	5414403	0.57231	382	382	0 ANNUAL	TMA	5	
TMA	421738	5414423	0.56242	382	382	0 ANNUAL	TMA	5	
TMA	421738	5414443	0.55352	381.8	381.8	0 ANNUAL	TMA	5	
TMA	421758	5414263	0.64763	383.97	383.97	0 ANNUAL	TMA	5	
TMA	421758	5414283	0.63524	383.95	383.95	0 ANNUAL	TMA	5	
TMA	421758	5414303	0.62527	383.59	383.59	0 ANNUAL	TMA	5	
TMA	421758	5414323	0.61667	383	383	0 ANNUAL	TMA	5	
TMA	421758	5414343	0.60529	383	383	0 ANNUAL	TMA	5	
TMA	421758	5414363	0.59432	383	383	0 ANNUAL	TMA	5	
TMA	421758	5414383	0.5872	382.18	382.18	0 ANNUAL	TMA	5	
TMA	421758	5414403	0.57752	382	382	0 ANNUAL	TMA	5	
TMA	421758	5414423	0.56905	381.55	381.55	0 ANNUAL	TMA	5	
TMA	421758	5414443	0.56064	381.12	381.12	0 ANNUAL	TMA	5	
TMA	421778	5414263	0.65195	384.28	384.28	0 ANNUAL	TMA	5	
TMA	421778	5414283	0.63944	384.26	384.26	0 ANNUAL	TMA	5	
TMA	421778	5414303	0.62795	384.15	384.15	0 ANNUAL	TMA	5	
TMA	421778	5414323	0.61816	383.81	383.81	0 ANNUAL	TMA	5	
TMA	421778	5414343	0.61004	383.18	383.18	0 ANNUAL	TMA	5	
TMA	421778	5414363	0.59973	383.01	383.01	0 ANNUAL	TMA	5	
TMA	421778	5414383	0.59205	382.3	382.3	0 ANNUAL	TMA	5	
TMA	421778	5414403	0.58255	382.04	382.04	0 ANNUAL	TMA	5	
TMA	421778	5414423	0.57449	381.44	381.44	0 ANNUAL	TMA	5	
TMA	421778	5414443	0.56593	381	381	0 ANNUAL	TMA	5	
TMA	421798	5414263	0.64876	385.59	385.59	0 ANNUAL	TMA	5	
TMA	421798	5414283	0.63866	385.27	385.27	0 ANNUAL	TMA	5	
TMA	421798	5414303	0.62961	384.82	384.82	0 ANNUAL	TMA	5	
TMA	421798	5414323	0.62051	384.39	384.39	0 ANNUAL	TMA	5	
TMA	421798	5414343	0.61162	383.94	383.94	0 ANNUAL	TMA	5	
TMA	421798	5414363	0.60277	383.5	383.5	0 ANNUAL	TMA	5	
TMA	421798	5414383	0.59397	383.07	383.07	0 ANNUAL	TMA	5	
TMA	421798	5414403	0.58673	382.29	382.29	0 ANNUAL	TMA	5	
TMA	421798	5414423	0.57868	381.68	381.68	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421798	5414443	0.57008	381.24	381.24	0 ANNUAL	TMA	5	
TMA	421818	5414263	0.64925	386.29	386.29	0 ANNUAL	TMA	5	
TMA	421818	5414283	0.63969	385.93	385.93	0 ANNUAL	TMA	5	
TMA	421818	5414303	0.63069	385.51	385.51	0 ANNUAL	TMA	5	
TMA	421818	5414323	0.62261	384.96	384.96	0 ANNUAL	TMA	5	
TMA	421818	5414343	0.61269	384.71	384.71	0 ANNUAL	TMA	5	
TMA	421818	5414363	0.60554	384	384	0 ANNUAL	TMA	5	
TMA	421818	5414383	0.5989	383.14	383.14	0 ANNUAL	TMA	5	
TMA	421818	5414403	0.58959	382.83	382.83	0 ANNUAL	TMA	5	
TMA	421818	5414423	0.58131	382.31	382.31	0 ANNUAL	TMA	5	
TMA	421818	5414443	0.57392	381.55	381.55	0 ANNUAL	TMA	5	
TMA	421838	5414263	0.64737	387.2	387.2	0 ANNUAL	TMA	5	
TMA	421838	5414283	0.63527	387.19	387.19	0 ANNUAL	TMA	5	
TMA	421838	5414303	0.62704	386.75	386.75	0 ANNUAL	TMA	5	
TMA	421838	5414323	0.622	385.87	385.87	0 ANNUAL	TMA	5	
TMA	421838	5414343	0.61564	385.11	385.11	0 ANNUAL	TMA	5	
TMA	421838	5414363	0.6052	384.99	384.99	0 ANNUAL	TMA	5	
TMA	421838	5414383	0.59914	384.13	384.13	0 ANNUAL	TMA	5	
TMA	421838	5414403	0.59272	383.26	383.26	0 ANNUAL	TMA	5	
TMA	421838	5414423	0.58592	382.4	382.4	0 ANNUAL	TMA	5	
TMA	421838	5414443	0.57881	381.54	381.54	0 ANNUAL	TMA	5	
TMA	421858	5414263	0.64086	388.51	388.51	0 ANNUAL	TMA	5	
TMA	421858	5414283	0.63181	388.21	388.21	0 ANNUAL	TMA	5	
TMA	421858	5414303	0.62401	387.78	387.78	0 ANNUAL	TMA	5	
TMA	421858	5414323	0.61765	387.17	387.17	0 ANNUAL	TMA	5	
TMA	421858	5414343	0.61308	386.28	386.28	0 ANNUAL	TMA	5	
TMA	421858	5414363	0.60787	385.4	385.4	0 ANNUAL	TMA	5	
TMA	421858	5414383	0.60214	384.52	384.52	0 ANNUAL	TMA	5	
TMA	421858	5414403	0.59594	383.64	383.64	0 ANNUAL	TMA	5	
TMA	421858	5414423	0.58936	382.76	382.76	0 ANNUAL	TMA	5	
TMA	421858	5414443	0.58246	381.87	381.87	0 ANNUAL	TMA	5	
TMA	421878	5414263	0.63304	389.82	389.82	0 ANNUAL	TMA	5	
TMA	421878	5414283	0.62747	389.23	389.23	0 ANNUAL	TMA	5	
TMA	421878	5414303	0.62349	388.44	388.44	0 ANNUAL	TMA	5	
TMA	421878	5414323	0.61867	387.69	387.69	0 ANNUAL	TMA	5	
TMA	421878	5414343	0.61327	386.96	386.96	0 ANNUAL	TMA	5	
TMA	421878	5414363	0.60421	386.7	386.7	0 ANNUAL	TMA	5	
TMA	421878	5414383	0.59938	385.82	385.82	0 ANNUAL	TMA	5	
TMA	421878	5414403	0.59695	384.41	384.41	0 ANNUAL	TMA	5	
TMA	421878	5414423	0.59147	383.38	383.38	0 ANNUAL	TMA	5	
TMA	421878	5414443	0.58477	382.51	382.51	0 ANNUAL	TMA	5	
TMA	421898	5414263	0.63595	390.04	390.04	0 ANNUAL	TMA	5	
TMA	421898	5414283	0.62489	390	390	0 ANNUAL	TMA	5	
TMA	421898	5414303	0.61819	389.55	389.55	0 ANNUAL	TMA	5	
TMA	421898	5414323	0.61496	388.71	388.71	0 ANNUAL	TMA	5	
TMA	421898	5414343	0.61107	387.88	387.88	0 ANNUAL	TMA	5	
TMA	421898	5414363	0.607	387	387	0 ANNUAL	TMA	5	
TMA	421898	5414383	0.60241	386.11	386.11	0 ANNUAL	TMA	5	
TMA	421898	5414403	0.5972	385.23	385.23	0 ANNUAL	TMA	5	
TMA	421898	5414423	0.5915	384.35	384.35	0 ANNUAL	TMA	5	
TMA	421898	5414443	0.58535	383.47	383.47	0 ANNUAL	TMA	5	
TMA	421918	5414263	0.63507	390.59	390.59	0 ANNUAL	TMA	5	
TMA	421918	5414283	0.62815	390.17	390.17	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421918	5414303	0.6215	389.72	389.72	0 ANNUAL	TMA	5	
TMA	421918	5414323	0.61487	389.26	389.26	0 ANNUAL	TMA	5	
TMA	421918	5414343	0.60746	388.88	388.88	0 ANNUAL	TMA	5	
TMA	421918	5414363	0.6018	388.29	388.29	0 ANNUAL	TMA	5	
TMA	421918	5414383	0.59808	387.41	387.41	0 ANNUAL	TMA	5	
TMA	421918	5414403	0.59377	386.53	386.53	0 ANNUAL	TMA	5	
TMA	421918	5414423	0.59005	385.46	385.46	0 ANNUAL	TMA	5	
TMA	421918	5414443	0.5869	384.12	384.12	0 ANNUAL	TMA	5	
TMA	421938	5414263	0.63542	391	391	0 ANNUAL	TMA	5	
TMA	421938	5414283	0.62588	390.84	390.84	0 ANNUAL	TMA	5	
TMA	421938	5414303	0.61978	390.37	390.37	0 ANNUAL	TMA	5	
TMA	421938	5414323	0.61357	389.9	389.9	0 ANNUAL	TMA	5	
TMA	421938	5414343	0.60625	389.54	389.54	0 ANNUAL	TMA	5	
TMA	421938	5414363	0.60111	388.93	388.93	0 ANNUAL	TMA	5	
TMA	421938	5414383	0.5977	388.07	388.07	0 ANNUAL	TMA	5	
TMA	421938	5414403	0.59378	387.2	387.2	0 ANNUAL	TMA	5	
TMA	421938	5414423	0.59088	386.08	386.08	0 ANNUAL	TMA	5	
TMA	421938	5414443	0.58655	385.06	385.06	0 ANNUAL	TMA	5	
TMA	421958	5414263	0.64026	391	391	0 ANNUAL	TMA	5	
TMA	421958	5414283	0.62888	391	391	0 ANNUAL	TMA	5	
TMA	421958	5414303	0.61786	391	391	0 ANNUAL	TMA	5	
TMA	421958	5414323	0.60718	391	391	0 ANNUAL	TMA	5	
TMA	421958	5414343	0.59909	390.77	390.77	0 ANNUAL	TMA	5	
TMA	421958	5414363	0.59714	389.89	389.89	0 ANNUAL	TMA	5	
TMA	421958	5414383	0.59466	389	389	0 ANNUAL	TMA	5	
TMA	421958	5414403	0.59147	388.12	388.12	0 ANNUAL	TMA	5	
TMA	421958	5414423	0.58769	387.24	387.24	0 ANNUAL	TMA	5	
TMA	421958	5414443	0.58593	385.88	388	0 ANNUAL	TMA	5	
TMA	421978	5414263	0.64502	391	391	0 ANNUAL	TMA	5	
TMA	421978	5414283	0.63354	391	391	0 ANNUAL	TMA	5	
TMA	421978	5414303	0.62243	391	391	0 ANNUAL	TMA	5	
TMA	421978	5414323	0.61165	391	391	0 ANNUAL	TMA	5	
TMA	421978	5414343	0.6012	391	391	0 ANNUAL	TMA	5	
TMA	421978	5414363	0.59192	390.91	390.91	0 ANNUAL	TMA	5	
TMA	421978	5414383	0.58997	390.04	390.04	0 ANNUAL	TMA	5	
TMA	421978	5414403	0.58569	389.38	389.38	0 ANNUAL	TMA	5	
TMA	421978	5414423	0.58363	388.39	388.39	0 ANNUAL	TMA	5	
TMA	421978	5414443	0.58339	387.02	387.02	0 ANNUAL	TMA	5	
TMA	421998	5414263	0.65136	390.86	390.86	0 ANNUAL	TMA	5	
TMA	421998	5414283	0.63813	391	391	0 ANNUAL	TMA	5	
TMA	421998	5414303	0.62692	391	391	0 ANNUAL	TMA	5	
TMA	421998	5414323	0.61606	391	391	0 ANNUAL	TMA	5	
TMA	421998	5414343	0.60552	391	391	0 ANNUAL	TMA	5	
TMA	421998	5414363	0.59567	390.96	390.96	0 ANNUAL	TMA	5	
TMA	421998	5414383	0.58926	390.58	390.58	0 ANNUAL	TMA	5	
TMA	421998	5414403	0.58378	390.09	390.09	0 ANNUAL	TMA	5	
TMA	421998	5414423	0.58322	388.98	388.98	0 ANNUAL	TMA	5	
TMA	421998	5414443	0.58315	387.67	387.67	0 ANNUAL	TMA	5	
TMA	422018	5414263	0.65671	390.8	390.8	0 ANNUAL	TMA	5	
TMA	422018	5414283	0.64265	391	391	0 ANNUAL	TMA	5	
TMA	422018	5414303	0.63135	391	391	0 ANNUAL	TMA	5	
TMA	422018	5414323	0.6204	391	391	0 ANNUAL	TMA	5	
TMA	422018	5414343	0.60977	391	391	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	422018	5414363	0.59944	391	391	0 ANNUAL	TMA	5	
TMA	422018	5414383	0.5894	391	391	0 ANNUAL	TMA	5	
TMA	422018	5414403	0.58725	390.16	390.16	0 ANNUAL	TMA	5	
TMA	422018	5414423	0.5848	389.29	389.29	0 ANNUAL	TMA	5	
TMA	422018	5414443	0.58593	387.86	387.86	0 ANNUAL	TMA	5	
TMA	422038	5414263	0.67082	390	390	0 ANNUAL	TMA	5	
TMA	422038	5414283	0.65082	390.68	390.68	0 ANNUAL	TMA	5	
TMA	422038	5414303	0.63572	391	391	0 ANNUAL	TMA	5	
TMA	422038	5414323	0.62468	391	391	0 ANNUAL	TMA	5	
TMA	422038	5414343	0.61396	391	391	0 ANNUAL	TMA	5	
TMA	422038	5414363	0.60355	391	391	0 ANNUAL	TMA	5	
TMA	422038	5414383	0.59342	391	391	0 ANNUAL	TMA	5	
TMA	422038	5414403	0.59011	390.29	390.29	0 ANNUAL	TMA	5	
TMA	422038	5414423	0.58767	389.43	389.43	0 ANNUAL	TMA	5	
TMA	422038	5414443	0.58875	387.96	390	0 ANNUAL	TMA	5	
TMA	422058	5414243	0.68868	389.96	389.96	0 ANNUAL	TMA	5	
TMA	422058	5414263	0.67545	390	390	0 ANNUAL	TMA	5	
TMA	422058	5414283	0.65992	390.28	390.28	0 ANNUAL	TMA	5	
TMA	422058	5414303	0.64286	390.75	390.75	0 ANNUAL	TMA	5	
TMA	422058	5414323	0.6289	391	391	0 ANNUAL	TMA	5	
TMA	422058	5414343	0.6181	391	391	0 ANNUAL	TMA	5	
TMA	422058	5414363	0.6076	391	391	0 ANNUAL	TMA	5	
TMA	422058	5414383	0.59738	391	391	0 ANNUAL	TMA	5	
TMA	422058	5414403	0.58744	391	391	0 ANNUAL	TMA	5	
TMA	422058	5414423	0.58433	390.27	390.27	0 ANNUAL	TMA	5	
TMA	422058	5414443	0.58673	388.81	388.81	0 ANNUAL	TMA	5	
TMA	422078	5414243	0.70439	389.07	389.07	0 ANNUAL	TMA	5	
TMA	422078	5414263	0.68184	389.85	389.85	0 ANNUAL	TMA	5	
TMA	422078	5414283	0.66763	390	390	0 ANNUAL	TMA	5	
TMA	422078	5414303	0.65484	390.07	390.07	0 ANNUAL	TMA	5	
TMA	422078	5414323	0.63846	390.51	390.51	0 ANNUAL	TMA	5	
TMA	422078	5414343	0.62218	391	391	0 ANNUAL	TMA	5	
TMA	422078	5414363	0.6116	391	391	0 ANNUAL	TMA	5	
TMA	422078	5414383	0.6014	390.99	390.99	0 ANNUAL	TMA	5	
TMA	422078	5414403	0.5978	390.31	390.31	0 ANNUAL	TMA	5	
TMA	422078	5414423	0.59004	390.06	390.06	0 ANNUAL	TMA	5	
TMA	422078	5414443	0.59079	388.79	388.79	0 ANNUAL	TMA	5	
TMA	422098	5414243	0.71321	388.74	388.74	0 ANNUAL	TMA	5	
TMA	422098	5414263	0.69695	388.97	388.97	0 ANNUAL	TMA	5	
TMA	422098	5414283	0.67708	389.57	389.57	0 ANNUAL	TMA	5	
TMA	422098	5414303	0.66087	389.92	389.92	0 ANNUAL	TMA	5	
TMA	422098	5414323	0.64824	390	390	0 ANNUAL	TMA	5	
TMA	422098	5414343	0.63412	390.26	390.26	0 ANNUAL	TMA	5	
TMA	422098	5414363	0.61845	390.72	390.72	0 ANNUAL	TMA	5	
TMA	422098	5414383	0.61504	390	390	0 ANNUAL	TMA	5	
TMA	422098	5414403	0.60457	390	390	0 ANNUAL	TMA	5	
TMA	422098	5414423	0.6011	389.24	389.24	0 ANNUAL	TMA	5	
TMA	422098	5414443	0.59795	388.38	388.38	0 ANNUAL	TMA	5	
TMA	422118	5414243	0.73349	387.45	387.45	0 ANNUAL	TMA	5	
TMA	422118	5414263	0.70914	388.33	388.33	0 ANNUAL	TMA	5	
TMA	422118	5414283	0.69394	388.49	388.49	0 ANNUAL	TMA	5	
TMA	422118	5414303	0.6745	389.09	389.09	0 ANNUAL	TMA	5	
TMA	422118	5414323	0.65768	389.52	389.52	0 ANNUAL	TMA	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	422118	5414343	0.6458	389.54	389.54	0 ANNUAL	TMA	5	
TMA	422118	5414363	0.63426	389.56	389.56	0 ANNUAL	TMA	5	
TMA	422118	5414383	0.62306	389.58	389.58	0 ANNUAL	TMA	5	
TMA	422118	5414403	0.61217	389.6	389.6	0 ANNUAL	TMA	5	
TMA	422118	5414423	0.60834	388.85	388.85	0 ANNUAL	TMA	5	
TMA	422118	5414443	0.60482	388	388	0 ANNUAL	TMA	5	
TMA	422138	5414243	0.74369	387	387	0 ANNUAL	TMA	5	
TMA	422138	5414263	0.72745	387.14	387.14	0 ANNUAL	TMA	5	
TMA	422138	5414283	0.70645	387.78	387.78	0 ANNUAL	TMA	5	
TMA	422138	5414303	0.68952	388.12	388.12	0 ANNUAL	TMA	5	
TMA	422138	5414323	0.672	388.58	388.58	0 ANNUAL	TMA	5	
TMA	422138	5414343	0.65556	389	389	0 ANNUAL	TMA	5	
TMA	422138	5414363	0.64391	389	389	0 ANNUAL	TMA	5	
TMA	422138	5414383	0.63297	388.96	388.96	0 ANNUAL	TMA	5	
TMA	422138	5414403	0.62742	388.35	388.35	0 ANNUAL	TMA	5	
TMA	422138	5414423	0.61884	388.07	388.07	0 ANNUAL	TMA	5	
TMA	422138	5414443	0.61367	387.36	387.36	0 ANNUAL	TMA	5	
TMA	422158	5414243	0.7618	385.84	385.84	0 ANNUAL	TMA	5	
TMA	422158	5414263	0.7449	385.98	385.98	0 ANNUAL	TMA	5	
TMA	422158	5414283	0.72327	386.65	386.65	0 ANNUAL	TMA	5	
TMA	422158	5414303	0.70619	386.96	386.96	0 ANNUAL	TMA	5	
TMA	422158	5414323	0.68819	387.43	387.43	0 ANNUAL	TMA	5	
TMA	422158	5414343	0.67068	387.92	387.92	0 ANNUAL	TMA	5	
TMA	422158	5414363	0.65831	387.94	387.94	0 ANNUAL	TMA	5	
TMA	422158	5414383	0.64631	387.96	387.96	0 ANNUAL	TMA	5	
TMA	422158	5414403	0.63465	387.98	387.98	0 ANNUAL	TMA	5	
TMA	422158	5414423	0.62988	387.2	387.2	0 ANNUAL	TMA	5	
TMA	422158	5414443	0.62502	386.36	386.36	0 ANNUAL	TMA	5	
TMA	422178	5414243	0.78049	384.56	384.56	0 ANNUAL	TMA	5	
TMA	422178	5414263	0.75557	385.44	385.44	0 ANNUAL	TMA	5	
TMA	422178	5414283	0.7392	385.56	385.56	0 ANNUAL	TMA	5	
TMA	422178	5414303	0.71847	386.2	386.2	0 ANNUAL	TMA	5	
TMA	422178	5414323	0.70084	386.6	386.6	0 ANNUAL	TMA	5	
TMA	422178	5414343	0.68753	386.61	386.61	0 ANNUAL	TMA	5	
TMA	422178	5414363	0.67454	386.63	386.63	0 ANNUAL	TMA	5	
TMA	422178	5414383	0.66196	386.65	386.65	0 ANNUAL	TMA	5	
TMA	422178	5414403	0.64974	386.67	386.67	0 ANNUAL	TMA	5	
TMA	422178	5414423	0.64217	386.13	386.13	0 ANNUAL	TMA	5	
TMA	422178	5414443	0.63297	385.8	385.8	0 ANNUAL	TMA	5	
TMA	422198	5414243	0.79846	383.26	383.26	0 ANNUAL	TMA	5	
TMA	422198	5414263	0.77351	384.14	384.14	0 ANNUAL	TMA	5	
TMA	422198	5414283	0.75124	384.83	384.83	0 ANNUAL	TMA	5	
TMA	422198	5414303	0.73308	385.17	385.17	0 ANNUAL	TMA	5	
TMA	422198	5414323	0.71761	385.29	385.29	0 ANNUAL	TMA	5	
TMA	422198	5414343	0.70142	385.56	385.56	0 ANNUAL	TMA	5	
TMA	422198	5414363	0.68439	386	386	0 ANNUAL	TMA	5	
TMA	422198	5414383	0.67211	385.94	385.94	0 ANNUAL	TMA	5	
TMA	422198	5414403	0.66389	385.39	385.39	0 ANNUAL	TMA	5	
TMA	422198	5414423	0.65174	385.38	385.38	0 ANNUAL	TMA	5	
TMA	422198	5414443	0.64156	385.13	385.13	0 ANNUAL	TMA	5	
TMA	422218	5414243	0.80735	382.91	382.91	0 ANNUAL	TMA	5	
TMA	422218	5414263	0.78927	382.99	382.99	0 ANNUAL	TMA	5	
TMA	422218	5414283	0.76629	383.74	383.74	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	422218	5414303	0.74848	383.99	383.99	0 ANNUAL	TMA	5	
TMA	422218	5414323	0.72924	384.5	384.5	0 ANNUAL	TMA	5	
TMA	422218	5414343	0.71081	385	385	0 ANNUAL	TMA	5	
TMA	422218	5414363	0.69704	385.01	385.01	0 ANNUAL	TMA	5	
TMA	422218	5414383	0.68364	385.03	385.03	0 ANNUAL	TMA	5	
TMA	422218	5414403	0.67102	385	385	0 ANNUAL	TMA	5	
TMA	422218	5414423	0.65855	385	385	0 ANNUAL	TMA	5	
TMA	422218	5414443	0.65055	384.37	384.37	0 ANNUAL	TMA	5	
TMA	422238	5414243	0.82382	381.67	381.67	0 ANNUAL	TMA	5	
TMA	422238	5414263	0.79863	382.55	382.55	0 ANNUAL	TMA	5	
TMA	422238	5414283	0.78093	382.63	382.63	0 ANNUAL	TMA	5	
TMA	422238	5414303	0.75925	383.31	383.31	0 ANNUAL	TMA	5	
TMA	422238	5414323	0.74095	383.67	383.67	0 ANNUAL	TMA	5	
TMA	422238	5414343	0.72508	383.81	383.81	0 ANNUAL	TMA	5	
TMA	422238	5414363	0.70941	384	384	0 ANNUAL	TMA	5	
TMA	422238	5414383	0.69567	384	384	0 ANNUAL	TMA	5	
TMA	422238	5414403	0.68236	384	384	0 ANNUAL	TMA	5	
TMA	422238	5414423	0.67074	383.8	383.8	0 ANNUAL	TMA	5	
TMA	422238	5414443	0.6583	383.78	383.78	0 ANNUAL	TMA	5	
TMA	422258	5414243	0.83506	381.02	381.02	0 ANNUAL	TMA	5	
TMA	422258	5414263	0.81438	381.29	381.29	0 ANNUAL	TMA	5	
TMA	422258	5414283	0.79238	381.87	381.87	0 ANNUAL	TMA	5	
TMA	422258	5414303	0.77291	382.23	382.23	0 ANNUAL	TMA	5	
TMA	422258	5414323	0.75345	382.7	382.7	0 ANNUAL	TMA	5	
TMA	422258	5414343	0.73489	383.15	383.15	0 ANNUAL	TMA	5	
TMA	422258	5414363	0.71847	383.4	383.4	0 ANNUAL	TMA	5	
TMA	422258	5414383	0.70431	383.41	383.41	0 ANNUAL	TMA	5	
TMA	422258	5414403	0.69054	383.43	383.43	0 ANNUAL	TMA	5	
TMA	422258	5414423	0.67953	383.07	383.07	0 ANNUAL	TMA	5	
TMA	422258	5414443	0.66703	383	383	0 ANNUAL	TMA	5	
TMA	422278	5414243	0.84819	380.09	380.09	0 ANNUAL	TMA	5	
TMA	422278	5414263	0.82285	380.96	380.96	0 ANNUAL	TMA	5	
TMA	422278	5414283	0.80433	381.01	381.01	0 ANNUAL	TMA	5	
TMA	422278	5414303	0.7823	381.69	381.69	0 ANNUAL	TMA	5	
TMA	422278	5414323	0.76348	382.03	382.03	0 ANNUAL	TMA	5	
TMA	422278	5414343	0.74744	382.07	382.07	0 ANNUAL	TMA	5	
TMA	422278	5414363	0.73211	382.09	382.09	0 ANNUAL	TMA	5	
TMA	422278	5414383	0.71732	382.11	382.11	0 ANNUAL	TMA	5	
TMA	422278	5414403	0.70307	382.12	382.12	0 ANNUAL	TMA	5	
TMA	422278	5414423	0.68924	382.14	382.14	0 ANNUAL	TMA	5	
TMA	422278	5414443	0.67584	382.16	382.16	0 ANNUAL	TMA	5	
TMA	422298	5414243	0.85493	380.07	380.07	0 ANNUAL	TMA	5	
TMA	422298	5414263	0.83115	380.67	380.67	0 ANNUAL	TMA	5	
TMA	422298	5414283	0.81068	380.95	380.95	0 ANNUAL	TMA	5	
TMA	422298	5414303	0.79266	381	381	0 ANNUAL	TMA	5	
TMA	422298	5414323	0.77306	381.41	381.41	0 ANNUAL	TMA	5	
TMA	422298	5414343	0.75463	381.76	381.76	0 ANNUAL	TMA	5	
TMA	422298	5414363	0.73901	381.78	381.78	0 ANNUAL	TMA	5	
TMA	422298	5414383	0.72393	381.8	381.8	0 ANNUAL	TMA	5	
TMA	422298	5414403	0.70943	381.81	381.81	0 ANNUAL	TMA	5	
TMA	422298	5414423	0.69534	381.83	381.83	0 ANNUAL	TMA	5	
TMA	422298	5414443	0.68172	381.85	381.85	0 ANNUAL	TMA	5	
TMA	422318	5414243	0.86221	380	380	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	422318	5414263	0.84221	380	380	0 ANNUAL	TMA	5	
TMA	422318	5414283	0.82098	380.33	380.33	0 ANNUAL	TMA	5	
TMA	422318	5414303	0.79959	380.83	380.83	0 ANNUAL	TMA	5	
TMA	422318	5414323	0.78124	381	381	0 ANNUAL	TMA	5	
TMA	422318	5414343	0.76468	381	381	0 ANNUAL	TMA	5	
TMA	422318	5414363	0.74872	381	381	0 ANNUAL	TMA	5	
TMA	422318	5414383	0.73334	381	381	0 ANNUAL	TMA	5	
TMA	422318	5414403	0.71848	381	381	0 ANNUAL	TMA	5	
TMA	422318	5414423	0.70412	381	381	0 ANNUAL	TMA	5	
TMA	422318	5414443	0.69022	381	381	0 ANNUAL	TMA	5	
TMA	422338	5414243	0.86918	380	380	0 ANNUAL	TMA	5	
TMA	422338	5414263	0.84885	380	380	0 ANNUAL	TMA	5	
TMA	422338	5414283	0.82943	380	380	0 ANNUAL	TMA	5	
TMA	422338	5414303	0.81034	380.08	380.08	0 ANNUAL	TMA	5	
TMA	422338	5414323	0.7923	380.12	380.12	0 ANNUAL	TMA	5	
TMA	422338	5414343	0.7751	380.14	380.14	0 ANNUAL	TMA	5	
TMA	422338	5414363	0.75855	380.16	380.16	0 ANNUAL	TMA	5	
TMA	422338	5414383	0.7426	380.18	380.18	0 ANNUAL	TMA	5	
TMA	422338	5414403	0.72709	380.23	380.23	0 ANNUAL	TMA	5	
TMA	422338	5414423	0.70906	380.92	380.92	0 ANNUAL	TMA	5	
TMA	422338	5414443	0.69458	381	381	0 ANNUAL	TMA	5	
TMA	422358	5414243	0.88272	379.1	379.1	0 ANNUAL	TMA	5	
TMA	422358	5414263	0.85733	379.76	379.76	0 ANNUAL	TMA	5	
TMA	422358	5414283	0.8361	379.97	379.97	0 ANNUAL	TMA	5	
TMA	422358	5414303	0.817	380	380	0 ANNUAL	TMA	5	
TMA	422358	5414323	0.79887	380	380	0 ANNUAL	TMA	5	
TMA	422358	5414343	0.78146	380	380	0 ANNUAL	TMA	5	
TMA	422358	5414363	0.76471	380	380	0 ANNUAL	TMA	5	
TMA	422358	5414383	0.74859	380	380	0 ANNUAL	TMA	5	
TMA	422358	5414403	0.73304	380	380	0 ANNUAL	TMA	5	
TMA	422358	5414423	0.71803	380	380	0 ANNUAL	TMA	5	
TMA	422358	5414443	0.70352	380	380	0 ANNUAL	TMA	5	
TMA	420878	5414493	0.34428	375	375	0 ANNUAL	TMA	5	
TMA	420878	5414543	0.33546	375	375	0 ANNUAL	TMA	5	
TMA	420878	5414593	0.32688	375.35	375.35	0 ANNUAL	TMA	5	
TMA	420878	5414643	0.31712	378.49	378.49	0 ANNUAL	TMA	5	
TMA	420878	5414693	0.30828	380	380	0 ANNUAL	TMA	5	
TMA	420878	5414743	0.30008	381	381	0 ANNUAL	TMA	5	
TMA	420878	5414793	0.29211	381.99	381.99	0 ANNUAL	TMA	5	
TMA	420878	5414843	0.28522	382.15	382.15	0 ANNUAL	TMA	5	
TMA	420878	5414893	0.27783	383.07	383.07	0 ANNUAL	TMA	5	
TMA	420878	5414943	0.27065	384	384	0 ANNUAL	TMA	5	
TMA	420878	5414993	0.26467	384	384	0 ANNUAL	TMA	5	
TMA	420878	5415043	0.25853	384.35	384.35	0 ANNUAL	TMA	5	
TMA	420878	5415093	0.25226	385	385	0 ANNUAL	TMA	5	
TMA	420878	5415143	0.24632	385.5	385.5	0 ANNUAL	TMA	5	
TMA	420878	5415193	0.24055	386	386	0 ANNUAL	TMA	5	
TMA	420928	5414493	0.35453	375	375	0 ANNUAL	TMA	5	
TMA	420928	5414543	0.34518	375	375	0 ANNUAL	TMA	5	
TMA	420928	5414593	0.33607	375.38	375.38	0 ANNUAL	TMA	5	
TMA	420928	5414643	0.32642	377.54	377.54	0 ANNUAL	TMA	5	
TMA	420928	5414693	0.31733	378.93	378.93	0 ANNUAL	TMA	5	
TMA	420928	5414743	0.30872	380	380	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420928	5414793	0.30041	381.02	381.02	0 ANNUAL	TMA	5	
TMA	420928	5414843	0.29237	382	382	0 ANNUAL	TMA	5	
TMA	420928	5414893	0.2846	382.96	382.96	0 ANNUAL	TMA	5	
TMA	420928	5414943	0.27802	383	383	0 ANNUAL	TMA	5	
TMA	420928	5414993	0.2717	383	383	0 ANNUAL	TMA	5	
TMA	420928	5415043	0.26551	383.07	383.07	0 ANNUAL	TMA	5	
TMA	420928	5415093	0.25953	383.13	383.13	0 ANNUAL	TMA	5	
TMA	420928	5415143	0.25284	384.17	384.17	0 ANNUAL	TMA	5	
TMA	420928	5415193	0.24644	385.06	385.06	0 ANNUAL	TMA	5	
TMA	420978	5414493	0.36496	375	375	0 ANNUAL	TMA	5	
TMA	420978	5414543	0.35504	375	375	0 ANNUAL	TMA	5	
TMA	420978	5414593	0.34539	375.41	375.41	0 ANNUAL	TMA	5	
TMA	420978	5414643	0.33577	376.57	376.57	0 ANNUAL	TMA	5	
TMA	420978	5414693	0.32578	378.73	378.73	0 ANNUAL	TMA	5	
TMA	420978	5414743	0.31666	379.89	379.89	0 ANNUAL	TMA	5	
TMA	420978	5414793	0.30785	381	381	0 ANNUAL	TMA	5	
TMA	420978	5414843	0.29971	381.7	381.7	0 ANNUAL	TMA	5	
TMA	420978	5414893	0.29225	382	382	0 ANNUAL	TMA	5	
TMA	420978	5414943	0.28535	382	382	0 ANNUAL	TMA	5	
TMA	420978	5414993	0.27888	381.76	381.76	0 ANNUAL	TMA	5	
TMA	420978	5415043	0.27238	381.81	381.81	0 ANNUAL	TMA	5	
TMA	420978	5415093	0.26608	381.85	381.85	0 ANNUAL	TMA	5	
TMA	420978	5415143	0.25917	382.92	382.92	0 ANNUAL	TMA	5	
TMA	420978	5415193	0.25243	383.96	383.96	0 ANNUAL	TMA	5	
TMA	421028	5414493	0.3756	375	375	0 ANNUAL	TMA	5	
TMA	421028	5414543	0.36507	375	375	0 ANNUAL	TMA	5	
TMA	421028	5414593	0.35501	375.05	375.05	0 ANNUAL	TMA	5	
TMA	421028	5414643	0.34467	376.6	376.6	0 ANNUAL	TMA	5	
TMA	421028	5414693	0.33482	377.81	377.81	0 ANNUAL	TMA	5	
TMA	421028	5414743	0.3251	379.24	379.24	0 ANNUAL	TMA	5	
TMA	421028	5414793	0.31615	380.08	380.08	0 ANNUAL	TMA	5	
TMA	421028	5414843	0.30744	381	381	0 ANNUAL	TMA	5	
TMA	421028	5414893	0.29989	381	381	0 ANNUAL	TMA	5	
TMA	421028	5414943	0.29261	381	381	0 ANNUAL	TMA	5	
TMA	421028	5414993	0.28587	380.63	380.63	0 ANNUAL	TMA	5	
TMA	421028	5415043	0.27948	380	380	0 ANNUAL	TMA	5	
TMA	421028	5415093	0.27249	380.59	380.59	0 ANNUAL	TMA	5	
TMA	421028	5415143	0.26576	381.12	381.12	0 ANNUAL	TMA	5	
TMA	421028	5415193	0.25873	382.35	382.35	0 ANNUAL	TMA	5	
TMA	421078	5414493	0.38587	376	376	0 ANNUAL	TMA	5	
TMA	421078	5414543	0.37474	376	376	0 ANNUAL	TMA	5	
TMA	421078	5414593	0.36414	376	376	0 ANNUAL	TMA	5	
TMA	421078	5414643	0.35403	376	376	0 ANNUAL	TMA	5	
TMA	421078	5414693	0.34332	377.79	377.79	0 ANNUAL	TMA	5	
TMA	421078	5414743	0.33328	379	379	0 ANNUAL	TMA	5	
TMA	421078	5414793	0.32375	380	380	0 ANNUAL	TMA	5	
TMA	421078	5414843	0.31538	380.08	380.08	0 ANNUAL	TMA	5	
TMA	421078	5414893	0.30739	380.12	380.12	0 ANNUAL	TMA	5	
TMA	421078	5414943	0.29981	380	380	0 ANNUAL	TMA	5	
TMA	421078	5414993	0.29241	380	380	0 ANNUAL	TMA	5	
TMA	421078	5415043	0.28527	380	380	0 ANNUAL	TMA	5	
TMA	421078	5415093	0.27836	380	380	0 ANNUAL	TMA	5	
TMA	421078	5415143	0.27155	380.22	380.22	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421078	5415193	0.26419	381.63	381.63	0 ANNUAL	TMA	5	
TMA	421128	5414493	0.39624	376.91	376.91	0 ANNUAL	TMA	5	
TMA	421128	5414543	0.3849	376.31	376.31	0 ANNUAL	TMA	5	
TMA	421128	5414593	0.37387	376	376	0 ANNUAL	TMA	5	
TMA	421128	5414643	0.36319	376	376	0 ANNUAL	TMA	5	
TMA	421128	5414693	0.35244	377	377	0 ANNUAL	TMA	5	
TMA	421128	5414743	0.34159	378.7	378.7	0 ANNUAL	TMA	5	
TMA	421128	5414793	0.33153	379.79	379.79	0 ANNUAL	TMA	5	
TMA	421128	5414843	0.32263	380	380	0 ANNUAL	TMA	5	
TMA	421128	5414893	0.31439	379.85	379.85	0 ANNUAL	TMA	5	
TMA	421128	5414943	0.30631	379.9	379.9	0 ANNUAL	TMA	5	
TMA	421128	5414993	0.29917	379	379	0 ANNUAL	TMA	5	
TMA	421128	5415043	0.29166	379	379	0 ANNUAL	TMA	5	
TMA	421128	5415093	0.28437	379.09	379.09	0 ANNUAL	TMA	5	
TMA	421128	5415143	0.2767	380.25	380.25	0 ANNUAL	TMA	5	
TMA	421128	5415193	0.26923	381.41	381.41	0 ANNUAL	TMA	5	
TMA	421178	5414493	0.40644	378	378	0 ANNUAL	TMA	5	
TMA	421178	5414543	0.39452	377.46	377.46	0 ANNUAL	TMA	5	
TMA	421178	5414593	0.3832	376.84	376.84	0 ANNUAL	TMA	5	
TMA	421178	5414643	0.37248	376	376	0 ANNUAL	TMA	5	
TMA	421178	5414693	0.36125	376.85	376.85	0 ANNUAL	TMA	5	
TMA	421178	5414743	0.35069	377.44	377.44	0 ANNUAL	TMA	5	
TMA	421178	5414793	0.34063	378	378	0 ANNUAL	TMA	5	
TMA	421178	5414843	0.33103	378.53	378.53	0 ANNUAL	TMA	5	
TMA	421178	5414893	0.32216	378.58	378.58	0 ANNUAL	TMA	5	
TMA	421178	5414943	0.3139	378.22	378.22	0 ANNUAL	TMA	5	
TMA	421178	5414993	0.30555	378.54	378.54	0 ANNUAL	TMA	5	
TMA	421178	5415043	0.29743	378.99	378.99	0 ANNUAL	TMA	5	
TMA	421178	5415093	0.2898	379.12	379.12	0 ANNUAL	TMA	5	
TMA	421178	5415143	0.28182	380.28	380.28	0 ANNUAL	TMA	5	
TMA	421178	5415193	0.27406	381.44	381.44	0 ANNUAL	TMA	5	
TMA	421228	5414493	0.41558	379.77	379.77	0 ANNUAL	TMA	5	
TMA	421228	5414543	0.40402	378.6	378.6	0 ANNUAL	TMA	5	
TMA	421228	5414593	0.39222	377.99	377.99	0 ANNUAL	TMA	5	
TMA	421228	5414643	0.38121	377	377	0 ANNUAL	TMA	5	
TMA	421228	5414693	0.37004	376.88	376.88	0 ANNUAL	TMA	5	
TMA	421228	5414743	0.35925	377	377	0 ANNUAL	TMA	5	
TMA	421228	5414793	0.34905	377	377	0 ANNUAL	TMA	5	
TMA	421228	5414843	0.33932	377	377	0 ANNUAL	TMA	5	
TMA	421228	5414893	0.33	377	377	0 ANNUAL	TMA	5	
TMA	421228	5414943	0.32052	378	378	0 ANNUAL	TMA	5	
TMA	421228	5414993	0.31197	378	378	0 ANNUAL	TMA	5	
TMA	421228	5415043	0.30317	379	379	0 ANNUAL	TMA	5	
TMA	421228	5415093	0.29521	379.15	379.15	0 ANNUAL	TMA	5	
TMA	421228	5415143	0.28691	380.31	380.31	0 ANNUAL	TMA	5	
TMA	421228	5415193	0.27885	381.47	381.47	0 ANNUAL	TMA	5	
TMA	421278	5414493	0.42533	380.81	380.81	0 ANNUAL	TMA	5	
TMA	421278	5414543	0.41294	380	380	0 ANNUAL	TMA	5	
TMA	421278	5414593	0.40122	379	379	0 ANNUAL	TMA	5	
TMA	421278	5414643	0.38985	378	378	0 ANNUAL	TMA	5	
TMA	421278	5414693	0.37884	377.01	377.01	0 ANNUAL	TMA	5	
TMA	421278	5414743	0.36759	377	377	0 ANNUAL	TMA	5	
TMA	421278	5414793	0.35689	377	377	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421278	5414843	0.34668	377	377	0 ANNUAL	TMA	5	
TMA	421278	5414893	0.33661	377.55	377.55	0 ANNUAL	TMA	5	
TMA	421278	5414943	0.32701	378	378	0 ANNUAL	TMA	5	
TMA	421278	5414993	0.31746	378.98	378.98	0 ANNUAL	TMA	5	
TMA	421278	5415043	0.3089	379.02	379.02	0 ANNUAL	TMA	5	
TMA	421278	5415093	0.30005	380	380	0 ANNUAL	TMA	5	
TMA	421278	5415143	0.29216	380.09	380.09	0 ANNUAL	TMA	5	
TMA	421278	5415193	0.28402	381	381	0 ANNUAL	TMA	5	
TMA	421328	5414493	0.43446	382	382	0 ANNUAL	TMA	5	
TMA	421328	5414543	0.42244	380.8	380.8	0 ANNUAL	TMA	5	
TMA	421328	5414593	0.41046	379.7	379.7	0 ANNUAL	TMA	5	
TMA	421328	5414643	0.39879	378.59	378.59	0 ANNUAL	TMA	5	
TMA	421328	5414693	0.38698	378	378	0 ANNUAL	TMA	5	
TMA	421328	5414743	0.37599	377	377	0 ANNUAL	TMA	5	
TMA	421328	5414793	0.36477	377	377	0 ANNUAL	TMA	5	
TMA	421328	5414843	0.35408	377	377	0 ANNUAL	TMA	5	
TMA	421328	5414893	0.34325	378	378	0 ANNUAL	TMA	5	
TMA	421328	5414943	0.33301	378.74	378.74	0 ANNUAL	TMA	5	
TMA	421328	5414993	0.32285	379.9	379.9	0 ANNUAL	TMA	5	
TMA	421328	5415043	0.31392	380	380	0 ANNUAL	TMA	5	
TMA	421328	5415093	0.30544	380	380	0 ANNUAL	TMA	5	
TMA	421328	5415143	0.29733	380	380	0 ANNUAL	TMA	5	
TMA	421328	5415193	0.28918	380.53	380.53	0 ANNUAL	TMA	5	
TMA	421378	5414493	0.44205	383.58	383.58	0 ANNUAL	TMA	5	
TMA	421378	5414543	0.43023	382.34	382.34	0 ANNUAL	TMA	5	
TMA	421378	5414593	0.41981	380.27	380.27	0 ANNUAL	TMA	5	
TMA	421378	5414643	0.4079	379	379	0 ANNUAL	TMA	5	
TMA	421378	5414693	0.39597	378	378	0 ANNUAL	TMA	5	
TMA	421378	5414743	0.38444	377	377	0 ANNUAL	TMA	5	
TMA	421378	5414793	0.37268	377	377	0 ANNUAL	TMA	5	
TMA	421378	5414843	0.36133	377.25	377.25	0 ANNUAL	TMA	5	
TMA	421378	5414893	0.35018	378	378	0 ANNUAL	TMA	5	
TMA	421378	5414943	0.3393	379	379	0 ANNUAL	TMA	5	
TMA	421378	5414993	0.32889	379.93	379.93	0 ANNUAL	TMA	5	
TMA	421378	5415043	0.31963	380	380	0 ANNUAL	TMA	5	
TMA	421378	5415093	0.31084	380	380	0 ANNUAL	TMA	5	
TMA	421378	5415143	0.30222	380.28	380.28	0 ANNUAL	TMA	5	
TMA	421378	5415193	0.2942	380.24	380.24	0 ANNUAL	TMA	5	
TMA	421428	5414493	0.44642	385.79	385.79	0 ANNUAL	TMA	5	
TMA	421428	5414543	0.43798	383.58	383.58	0 ANNUAL	TMA	5	
TMA	421428	5414593	0.42825	381.31	381.31	0 ANNUAL	TMA	5	
TMA	421428	5414643	0.41734	379.15	379.15	0 ANNUAL	TMA	5	
TMA	421428	5414693	0.405	378	378	0 ANNUAL	TMA	5	
TMA	421428	5414743	0.39224	377.83	377.83	0 ANNUAL	TMA	5	
TMA	421428	5414793	0.38061	377	377	0 ANNUAL	TMA	5	
TMA	421428	5414843	0.36859	377.48	377.48	0 ANNUAL	TMA	5	
TMA	421428	5414893	0.35711	378	378	0 ANNUAL	TMA	5	
TMA	421428	5414943	0.34578	379	379	0 ANNUAL	TMA	5	
TMA	421428	5414993	0.33493	379.96	379.96	0 ANNUAL	TMA	5	
TMA	421428	5415043	0.32534	380	380	0 ANNUAL	TMA	5	
TMA	421428	5415093	0.31599	380.28	380.28	0 ANNUAL	TMA	5	
TMA	421428	5415143	0.3067	381	381	0 ANNUAL	TMA	5	
TMA	421428	5415193	0.2984	381	381	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421478	5414493	0.44503	388.77	388.77	0 ANNUAL	TMA	5	
TMA	421478	5414543	0.44005	386.26	388	0 ANNUAL	TMA	5	
TMA	421478	5414593	0.43725	381.9	384	0 ANNUAL	TMA	5	
TMA	421478	5414643	0.42705	379.12	379.12	0 ANNUAL	TMA	5	
TMA	421478	5414693	0.41383	378.24	378.24	0 ANNUAL	TMA	5	
TMA	421478	5414743	0.40056	378	378	0 ANNUAL	TMA	5	
TMA	421478	5414793	0.38848	377.1	377.1	0 ANNUAL	TMA	5	
TMA	421478	5414843	0.37597	377.51	377.51	0 ANNUAL	TMA	5	
TMA	421478	5414893	0.36403	378	378	0 ANNUAL	TMA	5	
TMA	421478	5414943	0.35223	379	379	0 ANNUAL	TMA	5	
TMA	421478	5414993	0.34094	379.99	379.99	0 ANNUAL	TMA	5	
TMA	421478	5415043	0.33103	380	380	0 ANNUAL	TMA	5	
TMA	421478	5415093	0.32132	380.31	380.31	0 ANNUAL	TMA	5	
TMA	421478	5415143	0.31173	381	381	0 ANNUAL	TMA	5	
TMA	421478	5415193	0.30315	381	381	0 ANNUAL	TMA	5	
TMA	421528	5414493	0.44945	390	390	0 ANNUAL	TMA	5	
TMA	421528	5414543	0.44853	386.82	386.82	0 ANNUAL	TMA	5	
TMA	421528	5414593	0.44617	382.5	382.5	0 ANNUAL	TMA	5	
TMA	421528	5414643	0.43548	380	380	0 ANNUAL	TMA	5	
TMA	421528	5414693	0.42202	379	379	0 ANNUAL	TMA	5	
TMA	421528	5414743	0.40903	378	378	0 ANNUAL	TMA	5	
TMA	421528	5414793	0.39565	378	378	0 ANNUAL	TMA	5	
TMA	421528	5414843	0.3832	377.72	377.72	0 ANNUAL	TMA	5	
TMA	421528	5414893	0.37092	378	378	0 ANNUAL	TMA	5	
TMA	421528	5414943	0.35866	379	379	0 ANNUAL	TMA	5	
TMA	421528	5414993	0.34694	380	380	0 ANNUAL	TMA	5	
TMA	421528	5415043	0.33668	380	380	0 ANNUAL	TMA	5	
TMA	421528	5415093	0.32662	380.34	380.34	0 ANNUAL	TMA	5	
TMA	421528	5415143	0.31673	381	381	0 ANNUAL	TMA	5	
TMA	421528	5415193	0.30786	381	381	0 ANNUAL	TMA	5	
TMA	421578	5414493	0.47026	388.02	388.02	0 ANNUAL	TMA	5	
TMA	421578	5414543	0.46417	385.45	385.45	0 ANNUAL	TMA	5	
TMA	421578	5414593	0.45851	381.53	386	0 ANNUAL	TMA	5	
TMA	421578	5414643	0.44653	379.06	379.06	0 ANNUAL	TMA	5	
TMA	421578	5414693	0.43115	378.92	378.92	0 ANNUAL	TMA	5	
TMA	421578	5414743	0.41747	378	378	0 ANNUAL	TMA	5	
TMA	421578	5414793	0.40352	378	378	0 ANNUAL	TMA	5	
TMA	421578	5414843	0.39031	378	378	0 ANNUAL	TMA	5	
TMA	421578	5414893	0.37715	378.73	378.73	0 ANNUAL	TMA	5	
TMA	421578	5414943	0.36506	379	379	0 ANNUAL	TMA	5	
TMA	421578	5414993	0.35292	380	380	0 ANNUAL	TMA	5	
TMA	421578	5415043	0.3423	380	380	0 ANNUAL	TMA	5	
TMA	421578	5415093	0.33162	380.63	380.63	0 ANNUAL	TMA	5	
TMA	421578	5415143	0.32167	381	381	0 ANNUAL	TMA	5	
TMA	421578	5415193	0.31252	381	381	0 ANNUAL	TMA	5	
TMA	421628	5414493	0.49364	385.26	385.26	0 ANNUAL	TMA	5	
TMA	421628	5414543	0.4818	383.35	383.35	0 ANNUAL	TMA	5	
TMA	421628	5414593	0.4695	381.19	381.19	0 ANNUAL	TMA	5	
TMA	421628	5414643	0.45465	380.03	380.03	0 ANNUAL	TMA	5	
TMA	421628	5414693	0.44002	379	379	0 ANNUAL	TMA	5	
TMA	421628	5414743	0.42586	378	378	0 ANNUAL	TMA	5	
TMA	421628	5414793	0.41134	378	378	0 ANNUAL	TMA	5	
TMA	421628	5414843	0.3976	378	378	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421628	5414893	0.38371	378.97	378.97	0 ANNUAL	TMA	5	
TMA	421628	5414943	0.37049	379.92	379.92	0 ANNUAL	TMA	5	
TMA	421628	5414993	0.35885	380	380	0 ANNUAL	TMA	5	
TMA	421628	5415043	0.34763	380.24	380.24	0 ANNUAL	TMA	5	
TMA	421628	5415093	0.33646	381	381	0 ANNUAL	TMA	5	
TMA	421628	5415143	0.32656	381	381	0 ANNUAL	TMA	5	
TMA	421628	5415193	0.31626	381.89	381.89	0 ANNUAL	TMA	5	
TMA	421678	5414493	0.51418	382.73	382.73	0 ANNUAL	TMA	5	
TMA	421678	5414543	0.49594	382.17	382.17	0 ANNUAL	TMA	5	
TMA	421678	5414593	0.47983	381.09	381.09	0 ANNUAL	TMA	5	
TMA	421678	5414643	0.46419	380	380	0 ANNUAL	TMA	5	
TMA	421678	5414693	0.4489	379	379	0 ANNUAL	TMA	5	
TMA	421678	5414743	0.43416	378	378	0 ANNUAL	TMA	5	
TMA	421678	5414793	0.41907	378	378	0 ANNUAL	TMA	5	
TMA	421678	5414843	0.4047	378.13	378.13	0 ANNUAL	TMA	5	
TMA	421678	5414893	0.3904	379	379	0 ANNUAL	TMA	5	
TMA	421678	5414943	0.37671	379.96	379.96	0 ANNUAL	TMA	5	
TMA	421678	5414993	0.36472	380	380	0 ANNUAL	TMA	5	
TMA	421678	5415043	0.35232	381	381	0 ANNUAL	TMA	5	
TMA	421678	5415093	0.34159	381	381	0 ANNUAL	TMA	5	
TMA	421678	5415143	0.33077	381.59	381.59	0 ANNUAL	TMA	5	
TMA	421678	5415193	0.32065	382	382	0 ANNUAL	TMA	5	
TMA	421728	5414493	0.53056	381.09	381.09	0 ANNUAL	TMA	5	
TMA	421728	5414543	0.51094	380.47	380.47	0 ANNUAL	TMA	5	
TMA	421728	5414593	0.49211	380	380	0 ANNUAL	TMA	5	
TMA	421728	5414643	0.47521	379	379	0 ANNUAL	TMA	5	
TMA	421728	5414693	0.45792	378.81	378.81	0 ANNUAL	TMA	5	
TMA	421728	5414743	0.44236	378	378	0 ANNUAL	TMA	5	
TMA	421728	5414793	0.42671	378	378	0 ANNUAL	TMA	5	
TMA	421728	5414843	0.4109	379	379	0 ANNUAL	TMA	5	
TMA	421728	5414893	0.39703	379	379	0 ANNUAL	TMA	5	
TMA	421728	5414943	0.38285	380	380	0 ANNUAL	TMA	5	
TMA	421728	5414993	0.37036	380.14	380.14	0 ANNUAL	TMA	5	
TMA	421728	5415043	0.35772	381	381	0 ANNUAL	TMA	5	
TMA	421728	5415093	0.34653	381.11	381.11	0 ANNUAL	TMA	5	
TMA	421728	5415143	0.33502	382	382	0 ANNUAL	TMA	5	
TMA	421728	5415193	0.32494	382.12	382.12	0 ANNUAL	TMA	5	
TMA	421778	5414493	0.54487	380	380	0 ANNUAL	TMA	5	
TMA	421778	5414543	0.52268	380	380	0 ANNUAL	TMA	5	
TMA	421778	5414593	0.50374	379.1	379.1	0 ANNUAL	TMA	5	
TMA	421778	5414643	0.48449	379	379	0 ANNUAL	TMA	5	
TMA	421778	5414693	0.46753	378.09	378.09	0 ANNUAL	TMA	5	
TMA	421778	5414743	0.45043	378	378	0 ANNUAL	TMA	5	
TMA	421778	5414793	0.43377	378.42	378.42	0 ANNUAL	TMA	5	
TMA	421778	5414843	0.41789	379	379	0 ANNUAL	TMA	5	
TMA	421778	5414893	0.4024	380	380	0 ANNUAL	TMA	5	
TMA	421778	5414943	0.38893	380.01	380.01	0 ANNUAL	TMA	5	
TMA	421778	5414993	0.37503	381	381	0 ANNUAL	TMA	5	
TMA	421778	5415043	0.36302	381	381	0 ANNUAL	TMA	5	
TMA	421778	5415093	0.35042	382	382	0 ANNUAL	TMA	5	
TMA	421778	5415143	0.33965	382	382	0 ANNUAL	TMA	5	
TMA	421778	5415193	0.32822	383	383	0 ANNUAL	TMA	5	
TMA	421828	5414493	0.55597	380.13	380.13	0 ANNUAL	TMA	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421828	5414543	0.53494	379.23	379.23	0 ANNUAL	TMA	5	
TMA	421828	5414593	0.51381	379	379	0 ANNUAL	TMA	5	
TMA	421828	5414643	0.4937	378.98	378.98	0 ANNUAL	TMA	5	
TMA	421828	5414693	0.47621	378	378	0 ANNUAL	TMA	5	
TMA	421828	5414743	0.45835	378.04	378.04	0 ANNUAL	TMA	5	
TMA	421828	5414793	0.44046	379	379	0 ANNUAL	TMA	5	
TMA	421828	5414843	0.42385	379.73	379.73	0 ANNUAL	TMA	5	
TMA	421828	5414893	0.4088	380	380	0 ANNUAL	TMA	5	
TMA	421828	5414943	0.39363	381	381	0 ANNUAL	TMA	5	
TMA	421828	5414993	0.38035	381.18	381.18	0 ANNUAL	TMA	5	
TMA	421828	5415043	0.36691	382	382	0 ANNUAL	TMA	5	
TMA	421828	5415093	0.35471	382.41	382.41	0 ANNUAL	TMA	5	
TMA	421828	5415143	0.34289	383	383	0 ANNUAL	TMA	5	
TMA	421828	5415193	0.33169	383.58	383.58	0 ANNUAL	TMA	5	
TMA	421878	5414493	0.56673	380.35	380.35	0 ANNUAL	TMA	5	
TMA	421878	5414543	0.54559	379.2	379.2	0 ANNUAL	TMA	5	
TMA	421878	5414593	0.52362	379	379	0 ANNUAL	TMA	5	
TMA	421878	5414643	0.50276	379	379	0 ANNUAL	TMA	5	
TMA	421878	5414693	0.4835	378.84	378.84	0 ANNUAL	TMA	5	
TMA	421878	5414743	0.46544	378.65	378.65	0 ANNUAL	TMA	5	
TMA	421878	5414793	0.44775	379	379	0 ANNUAL	TMA	5	
TMA	421878	5414843	0.43025	380	380	0 ANNUAL	TMA	5	
TMA	421878	5414893	0.41381	380.91	380.91	0 ANNUAL	TMA	5	
TMA	421878	5414943	0.39947	381.01	381.01	0 ANNUAL	TMA	5	
TMA	421878	5414993	0.38462	382	382	0 ANNUAL	TMA	5	
TMA	421878	5415043	0.37131	382.46	382.46	0 ANNUAL	TMA	5	
TMA	421878	5415093	0.35858	383	383	0 ANNUAL	TMA	5	
TMA	421878	5415143	0.34627	383.71	383.71	0 ANNUAL	TMA	5	
TMA	421878	5415193	0.33525	384	384	0 ANNUAL	TMA	5	
TMA	421928	5414493	0.575	381.32	381.32	0 ANNUAL	TMA	5	
TMA	421928	5414543	0.55424	380	380	0 ANNUAL	TMA	5	
TMA	421928	5414593	0.53338	379	379	0 ANNUAL	TMA	5	
TMA	421928	5414643	0.5118	379	379	0 ANNUAL	TMA	5	
TMA	421928	5414693	0.49162	379	379	0 ANNUAL	TMA	5	
TMA	421928	5414743	0.47271	379	379	0 ANNUAL	TMA	5	
TMA	421928	5414793	0.45406	379.63	379.63	0 ANNUAL	TMA	5	
TMA	421928	5414843	0.43693	380	380	0 ANNUAL	TMA	5	
TMA	421928	5414893	0.41996	380.94	380.94	0 ANNUAL	TMA	5	
TMA	421928	5414943	0.40509	381.1	381.1	0 ANNUAL	TMA	5	
TMA	421928	5414993	0.38977	382.11	382.11	0 ANNUAL	TMA	5	
TMA	421928	5415043	0.3754	383	383	0 ANNUAL	TMA	5	
TMA	421928	5415093	0.36205	383.72	383.72	0 ANNUAL	TMA	5	
TMA	421928	5415143	0.34981	384.21	384.21	0 ANNUAL	TMA	5	
TMA	421928	5415193	0.33773	385	385	0 ANNUAL	TMA	5	
TMA	421978	5414493	0.57822	383.34	383.34	0 ANNUAL	TMA	5	
TMA	421978	5414543	0.56425	380.14	380.14	0 ANNUAL	TMA	5	
TMA	421978	5414593	0.54307	379	379	0 ANNUAL	TMA	5	
TMA	421978	5414643	0.52077	379	379	0 ANNUAL	TMA	5	
TMA	421978	5414693	0.49993	379	379	0 ANNUAL	TMA	5	
TMA	421978	5414743	0.48042	379	379	0 ANNUAL	TMA	5	
TMA	421978	5414793	0.46115	379.66	379.66	0 ANNUAL	TMA	5	
TMA	421978	5414843	0.44355	380	380	0 ANNUAL	TMA	5	
TMA	421978	5414893	0.42597	381	381	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421978	5414943	0.4093	382	382	0 ANNUAL	TMA	5	
TMA	421978	5414993	0.39471	382.29	382.29	0 ANNUAL	TMA	5	
TMA	421978	5415043	0.37948	383.45	383.45	0 ANNUAL	TMA	5	
TMA	421978	5415093	0.36544	384.37	384.37	0 ANNUAL	TMA	5	
TMA	421978	5415143	0.35267	385	385	0 ANNUAL	TMA	5	
TMA	421978	5415193	0.33998	385.96	385.96	0 ANNUAL	TMA	5	
TMA	422028	5414493	0.58726	383.64	386	0 ANNUAL	TMA	5	
TMA	422028	5414543	0.57445	380.15	380.15	0 ANNUAL	TMA	5	
TMA	422028	5414593	0.55192	379.34	379.34	0 ANNUAL	TMA	5	
TMA	422028	5414643	0.5292	379.23	379.23	0 ANNUAL	TMA	5	
TMA	422028	5414693	0.50815	379	379	0 ANNUAL	TMA	5	
TMA	422028	5414743	0.48805	379	379	0 ANNUAL	TMA	5	
TMA	422028	5414793	0.46815	379.69	379.69	0 ANNUAL	TMA	5	
TMA	422028	5414843	0.45007	380	380	0 ANNUAL	TMA	5	
TMA	422028	5414893	0.43197	381	381	0 ANNUAL	TMA	5	
TMA	422028	5414943	0.41483	382	382	0 ANNUAL	TMA	5	
TMA	422028	5414993	0.39801	383.31	383.31	0 ANNUAL	TMA	5	
TMA	422028	5415043	0.38233	384.45	384.45	0 ANNUAL	TMA	5	
TMA	422028	5415093	0.3675	385.56	385.56	0 ANNUAL	TMA	5	
TMA	422028	5415143	0.35486	386	386	0 ANNUAL	TMA	5	
TMA	422028	5415193	0.34176	386.99	386.99	0 ANNUAL	TMA	5	
TMA	422078	5414493	0.5936	384.47	384.47	0 ANNUAL	TMA	5	
TMA	422078	5414543	0.58158	381.12	381.12	0 ANNUAL	TMA	5	
TMA	422078	5414593	0.55975	380	380	0 ANNUAL	TMA	5	
TMA	422078	5414643	0.53627	380	380	0 ANNUAL	TMA	5	
TMA	422078	5414693	0.51432	380	380	0 ANNUAL	TMA	5	
TMA	422078	5414743	0.49477	379.47	379.47	0 ANNUAL	TMA	5	
TMA	422078	5414793	0.47504	379.72	379.72	0 ANNUAL	TMA	5	
TMA	422078	5414843	0.45648	380	380	0 ANNUAL	TMA	5	
TMA	422078	5414893	0.4378	381.04	381.04	0 ANNUAL	TMA	5	
TMA	422078	5414943	0.41946	382.43	382.43	0 ANNUAL	TMA	5	
TMA	422078	5414993	0.40141	384.09	384.09	0 ANNUAL	TMA	5	
TMA	422078	5415043	0.38441	385.61	385.61	0 ANNUAL	TMA	5	
TMA	422078	5415093	0.36891	386.82	386.82	0 ANNUAL	TMA	5	
TMA	422078	5415143	0.35423	388	388	0 ANNUAL	TMA	5	
TMA	422078	5415193	0.34304	388.06	388.06	0 ANNUAL	TMA	5	
TMA	422128	5414493	0.59945	385.2	385.2	0 ANNUAL	TMA	5	
TMA	422128	5414543	0.58787	382.09	382.09	0 ANNUAL	TMA	5	
TMA	422128	5414593	0.56646	380.89	380.89	0 ANNUAL	TMA	5	
TMA	422128	5414643	0.54476	380	380	0 ANNUAL	TMA	5	
TMA	422128	5414693	0.52222	380	380	0 ANNUAL	TMA	5	
TMA	422128	5414743	0.50112	380	380	0 ANNUAL	TMA	5	
TMA	422128	5414793	0.48133	380	380	0 ANNUAL	TMA	5	
TMA	422128	5414843	0.46274	380	380	0 ANNUAL	TMA	5	
TMA	422128	5414893	0.44349	381.07	381.07	0 ANNUAL	TMA	5	
TMA	422128	5414943	0.42312	383.22	383.22	0 ANNUAL	TMA	5	
TMA	422128	5414993	0.40369	385.2	385.2	0 ANNUAL	TMA	5	
TMA	422128	5415043	0.38657	386.54	386.54	0 ANNUAL	TMA	5	
TMA	422128	5415093	0.3691	388.3	388.3	0 ANNUAL	TMA	5	
TMA	422128	5415143	0.3544	389.33	389.33	0 ANNUAL	TMA	5	
TMA	422128	5415193	0.34148	389.99	389.99	0 ANNUAL	TMA	5	
TMA	422178	5414493	0.61486	384.17	384.17	0 ANNUAL	TMA	5	
TMA	422178	5414543	0.59351	383	383	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	422178	5414593	0.57217	381.86	381.86	0 ANNUAL	TMA	5	
TMA	422178	5414643	0.55045	381	381	0 ANNUAL	TMA	5	
TMA	422178	5414693	0.52753	381	381	0 ANNUAL	TMA	5	
TMA	422178	5414743	0.50607	381	381	0 ANNUAL	TMA	5	
TMA	422178	5414793	0.48749	380.22	380.22	0 ANNUAL	TMA	5	
TMA	422178	5414843	0.46881	380	380	0 ANNUAL	TMA	5	
TMA	422178	5414893	0.44903	381.1	381.1	0 ANNUAL	TMA	5	
TMA	422178	5414943	0.42818	383.25	383.25	0 ANNUAL	TMA	5	
TMA	422178	5414993	0.40785	385.41	385.41	0 ANNUAL	TMA	5	
TMA	422178	5415043	0.38801	387.57	387.57	0 ANNUAL	TMA	5	
TMA	422178	5415093	0.37118	388.92	388.92	0 ANNUAL	TMA	5	
TMA	422178	5415143	0.35596	390	390	0 ANNUAL	TMA	5	
TMA	422178	5415193	0.34472	390	390	0 ANNUAL	TMA	5	
TMA	422228	5414493	0.63025	383.07	383.07	0 ANNUAL	TMA	5	
TMA	422228	5414543	0.60463	382.52	382.52	0 ANNUAL	TMA	5	
TMA	422228	5414593	0.58017	382	382	0 ANNUAL	TMA	5	
TMA	422228	5414643	0.5584	381	381	0 ANNUAL	TMA	5	
TMA	422228	5414693	0.53488	381	381	0 ANNUAL	TMA	5	
TMA	422228	5414743	0.51285	381	381	0 ANNUAL	TMA	5	
TMA	422228	5414793	0.49174	381.2	381.2	0 ANNUAL	TMA	5	
TMA	422228	5414843	0.47279	381	381	0 ANNUAL	TMA	5	
TMA	422228	5414893	0.45437	381.13	381.13	0 ANNUAL	TMA	5	
TMA	422228	5414943	0.43307	383.28	383.28	0 ANNUAL	TMA	5	
TMA	422228	5414993	0.41229	385.44	385.44	0 ANNUAL	TMA	5	
TMA	422228	5415043	0.39201	387.6	387.6	0 ANNUAL	TMA	5	
TMA	422228	5415093	0.37464	389	389	0 ANNUAL	TMA	5	
TMA	422228	5415143	0.35932	390	390	0 ANNUAL	TMA	5	
TMA	422228	5415193	0.3478	390	390	0 ANNUAL	TMA	5	
TMA	422278	5414493	0.64501	382.02	382.02	0 ANNUAL	TMA	5	
TMA	422278	5414543	0.61575	382	382	0 ANNUAL	TMA	5	
TMA	422278	5414593	0.58841	382	382	0 ANNUAL	TMA	5	
TMA	422278	5414643	0.56291	382	382	0 ANNUAL	TMA	5	
TMA	422278	5414693	0.53906	382	382	0 ANNUAL	TMA	5	
TMA	422278	5414743	0.51671	382	382	0 ANNUAL	TMA	5	
TMA	422278	5414793	0.49576	382	382	0 ANNUAL	TMA	5	
TMA	422278	5414843	0.47615	382	382	0 ANNUAL	TMA	5	
TMA	422278	5414893	0.45663	382.52	382.52	0 ANNUAL	TMA	5	
TMA	422278	5414943	0.43528	384.31	384.31	0 ANNUAL	TMA	5	
TMA	422278	5414993	0.41505	386	386	0 ANNUAL	TMA	5	
TMA	422278	5415043	0.39579	387.63	387.63	0 ANNUAL	TMA	5	
TMA	422278	5415093	0.37879	388.79	388.79	0 ANNUAL	TMA	5	
TMA	422278	5415143	0.36262	389.95	389.95	0 ANNUAL	TMA	5	
TMA	422278	5415193	0.35068	390	390	0 ANNUAL	TMA	5	
TMA	422328	5414493	0.65929	381	381	0 ANNUAL	TMA	5	
TMA	422328	5414543	0.62858	381	381	0 ANNUAL	TMA	5	
TMA	422328	5414593	0.59925	381.23	381.23	0 ANNUAL	TMA	5	
TMA	422328	5414643	0.57021	382	382	0 ANNUAL	TMA	5	
TMA	422328	5414693	0.54571	382	382	0 ANNUAL	TMA	5	
TMA	422328	5414743	0.5228	382	382	0 ANNUAL	TMA	5	
TMA	422328	5414793	0.49859	383	383	0 ANNUAL	TMA	5	
TMA	422328	5414843	0.47876	383.02	383.02	0 ANNUAL	TMA	5	
TMA	422328	5414893	0.45731	384.13	384.13	0 ANNUAL	TMA	5	
TMA	422328	5414943	0.43713	385.23	385.23	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	422328	5414993	0.41755	386.5	386.5	0 ANNUAL	TMA	5	
TMA	422328	5415043	0.39927	387.66	387.66	0 ANNUAL	TMA	5	
TMA	422328	5415093	0.38191	388.82	388.82	0 ANNUAL	TMA	5	
TMA	422328	5415143	0.36848	389	389	0 ANNUAL	TMA	5	
TMA	422328	5415193	0.35332	390	390	0 ANNUAL	TMA	5	
TMA	422378	5415043	0.40239	387.69	387.69	0 ANNUAL	TMA	5	
TMA	422378	5415093	0.38682	388.18	388.18	0 ANNUAL	TMA	5	
TMA	422378	5415143	0.3711	389	389	0 ANNUAL	TMA	5	
TMA	422378	5415193	0.35743	389.42	389.42	0 ANNUAL	TMA	5	
TMA	422428	5415043	0.40738	387	387	0 ANNUAL	TMA	5	
TMA	422428	5415093	0.39028	387.88	387.88	0 ANNUAL	TMA	5	
TMA	422428	5415143	0.37636	388	388	0 ANNUAL	TMA	5	
TMA	422428	5415193	0.3607	389	389	0 ANNUAL	TMA	5	
TMA	422478	5415043	0.40981	387	387	0 ANNUAL	TMA	5	
TMA	422478	5415093	0.39504	387	387	0 ANNUAL	TMA	5	
TMA	422478	5415143	0.37827	388	388	0 ANNUAL	TMA	5	
TMA	422478	5415193	0.36456	388.23	388.23	0 ANNUAL	TMA	5	
TMA	422528	5415043	0.41176	387	387	0 ANNUAL	TMA	5	
TMA	422528	5415093	0.39391	387.94	387.94	0 ANNUAL	TMA	5	
TMA	422528	5415143	0.37974	388	388	0 ANNUAL	TMA	5	
TMA	422528	5415193	0.36365	389	389	0 ANNUAL	TMA	5	
TMA	422578	5415043	0.41319	387	387	0 ANNUAL	TMA	5	
TMA	422578	5415093	0.39492	388	388	0 ANNUAL	TMA	5	
TMA	422578	5415143	0.38041	388.13	388.13	0 ANNUAL	TMA	5	
TMA	422578	5415193	0.36458	389	389	0 ANNUAL	TMA	5	
TMA	422628	5415043	0.41131	387.84	387.84	0 ANNUAL	TMA	5	
TMA	422628	5415093	0.39567	388	388	0 ANNUAL	TMA	5	
TMA	422628	5415143	0.37836	389	389	0 ANNUAL	TMA	5	
TMA	422628	5415193	0.36519	389	389	0 ANNUAL	TMA	5	
TMA	422678	5415043	0.41115	388	388	0 ANNUAL	TMA	5	
TMA	422678	5415093	0.39592	388.03	388.03	0 ANNUAL	TMA	5	
TMA	422678	5415143	0.37867	389	389	0 ANNUAL	TMA	5	
TMA	422678	5415193	0.36442	389.35	389.35	0 ANNUAL	TMA	5	
TMA	422728	5415043	0.41112	388	388	0 ANNUAL	TMA	5	
TMA	422728	5415093	0.39259	389	389	0 ANNUAL	TMA	5	
TMA	422728	5415143	0.37788	389.22	389.22	0 ANNUAL	TMA	5	
TMA	422728	5415193	0.36228	390	390	0 ANNUAL	TMA	5	
TMA	422778	5415043	0.40723	388.93	388.93	0 ANNUAL	TMA	5	
TMA	422778	5415093	0.39179	389.09	389.09	0 ANNUAL	TMA	5	
TMA	422778	5415143	0.37474	390	390	0 ANNUAL	TMA	5	
TMA	422778	5415193	0.36061	390.36	390.36	0 ANNUAL	TMA	5	
TMA	422828	5415043	0.40598	389	389	0 ANNUAL	TMA	5	
TMA	422828	5415093	0.38993	389.34	389.34	0 ANNUAL	TMA	5	
TMA	422828	5415143	0.3738	390	390	0 ANNUAL	TMA	5	
TMA	422828	5415193	0.35752	391	391	0 ANNUAL	TMA	5	
TMA	422878	5415043	0.40443	389	389	0 ANNUAL	TMA	5	
TMA	422878	5415093	0.38602	390	390	0 ANNUAL	TMA	5	
TMA	422878	5415143	0.37239	390	390	0 ANNUAL	TMA	5	
TMA	422878	5415193	0.35619	391	391	0 ANNUAL	TMA	5	
TMA	422928	5415043	0.39842	390	390	0 ANNUAL	TMA	5	
TMA	422928	5415093	0.38406	390	390	0 ANNUAL	TMA	5	
TMA	422928	5415143	0.36756	390.84	390.84	0 ANNUAL	TMA	5	
TMA	422928	5415193	0.35275	391.5	391.5	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	422978	5415043	0.3958	390.01	390.01	0 ANNUAL	TMA	5	
TMA	422978	5415093	0.37782	391	391	0 ANNUAL	TMA	5	
TMA	422978	5415143	0.36339	391.37	391.37	0 ANNUAL	TMA	5	
TMA	422978	5415193	0.34894	392	392	0 ANNUAL	TMA	5	
TMA	423028	5415043	0.39249	390.08	390.08	0 ANNUAL	TMA	5	
TMA	423028	5415093	0.37505	391	391	0 ANNUAL	TMA	5	
TMA	423028	5415143	0.35846	392	392	0 ANNUAL	TMA	5	
TMA	423028	5415193	0.34612	392.14	392.14	0 ANNUAL	TMA	5	
TMA	423078	5415043	0.38533	391	391	0 ANNUAL	TMA	5	
TMA	423078	5415093	0.37127	391.17	391.17	0 ANNUAL	TMA	5	
TMA	423078	5415143	0.35562	392	392	0 ANNUAL	TMA	5	
TMA	423078	5415193	0.34108	392.8	392.8	0 ANNUAL	TMA	5	
TMA	423128	5415043	0.38162	391	391	0 ANNUAL	TMA	5	
TMA	423128	5415093	0.36733	391.3	391.3	0 ANNUAL	TMA	5	
TMA	423128	5415143	0.35247	392	392	0 ANNUAL	TMA	5	
TMA	423128	5415193	0.33744	393	393	0 ANNUAL	TMA	5	
TMA	420828	5414293	0.37054	376	376	0 ANNUAL	TMA	5	
TMA	420828	5414343	0.36074	376	376	0 ANNUAL	TMA	5	
TMA	420828	5414393	0.35172	375.31	375.31	0 ANNUAL	TMA	5	
TMA	420828	5414443	0.34285	375	375	0 ANNUAL	TMA	5	
TMA	420828	5414493	0.33421	375	375	0 ANNUAL	TMA	5	
TMA	420828	5414543	0.32591	375	375	0 ANNUAL	TMA	5	
TMA	420828	5414593	0.31716	376.79	376.79	0 ANNUAL	TMA	5	
TMA	420828	5414643	0.30774	379.61	379.61	0 ANNUAL	TMA	5	
TMA	420828	5414693	0.29931	381	381	0 ANNUAL	TMA	5	
TMA	420828	5414743	0.29157	381.87	381.87	0 ANNUAL	TMA	5	
TMA	420828	5414793	0.28481	382	382	0 ANNUAL	TMA	5	
TMA	420828	5414843	0.27743	383	383	0 ANNUAL	TMA	5	
TMA	420828	5414893	0.27026	384	384	0 ANNUAL	TMA	5	
TMA	420828	5414943	0.26413	384.23	384.23	0 ANNUAL	TMA	5	
TMA	420828	5414993	0.25763	385	385	0 ANNUAL	TMA	5	
TMA	420828	5415043	0.25216	385	385	0 ANNUAL	TMA	5	
TMA	420828	5415093	0.2458	385.97	385.97	0 ANNUAL	TMA	5	
TMA	420828	5415143	0.24064	386	386	0 ANNUAL	TMA	5	
TMA	420828	5415193	0.23565	386	386	0 ANNUAL	TMA	5	
TMA	420778	5414143	0.38675	378	378	0 ANNUAL	TMA	5	
TMA	420778	5414193	0.3772	377	377	0 ANNUAL	TMA	5	
TMA	420778	5414243	0.36719	377	377	0 ANNUAL	TMA	5	
TMA	420778	5414293	0.3582	376.2	376.2	0 ANNUAL	TMA	5	
TMA	420778	5414343	0.34917	376	376	0 ANNUAL	TMA	5	
TMA	420778	5414393	0.3404	376	376	0 ANNUAL	TMA	5	
TMA	420778	5414443	0.33243	375	375	0 ANNUAL	TMA	5	
TMA	420778	5414493	0.32432	375	375	0 ANNUAL	TMA	5	
TMA	420778	5414543	0.31647	375.13	375.13	0 ANNUAL	TMA	5	
TMA	420778	5414593	0.30783	377.58	377.58	0 ANNUAL	TMA	5	
TMA	420778	5414643	0.29865	380.45	380.45	0 ANNUAL	TMA	5	
TMA	420778	5414693	0.2904	382	382	0 ANNUAL	TMA	5	
TMA	420778	5414743	0.28341	382.48	382.48	0 ANNUAL	TMA	5	
TMA	420778	5414793	0.27662	383	383	0 ANNUAL	TMA	5	
TMA	420778	5414843	0.26982	383.74	383.74	0 ANNUAL	TMA	5	
TMA	420778	5414893	0.26376	384	384	0 ANNUAL	TMA	5	
TMA	420778	5414943	0.2571	385	385	0 ANNUAL	TMA	5	
TMA	420778	5414993	0.25173	385	385	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420778	5415043	0.24652	385	385	0 ANNUAL	TMA	5	
TMA	420778	5415093	0.24141	385.05	385.05	0 ANNUAL	TMA	5	
TMA	420778	5415143	0.23652	385.01	385.01	0 ANNUAL	TMA	5	
TMA	420778	5415193	0.23172	385	385	0 ANNUAL	TMA	5	
TMA	420728	5413493	0.59273	376	376	0 ANNUAL	TMA	5	
TMA	420728	5413543	0.56331	377	377	0 ANNUAL	TMA	5	
TMA	420728	5413593	0.5367	378	378	0 ANNUAL	TMA	5	
TMA	420728	5413643	0.51278	378.9	378.9	0 ANNUAL	TMA	5	
TMA	420728	5413693	0.49208	379.37	379.37	0 ANNUAL	TMA	5	
TMA	420728	5413743	0.47276	380	380	0 ANNUAL	TMA	5	
TMA	420728	5413793	0.45651	380	380	0 ANNUAL	TMA	5	
TMA	420728	5413843	0.44151	380	380	0 ANNUAL	TMA	5	
TMA	420728	5413893	0.42762	380	380	0 ANNUAL	TMA	5	
TMA	420728	5413943	0.4147	380	380	0 ANNUAL	TMA	5	
TMA	420728	5413993	0.40262	380	380	0 ANNUAL	TMA	5	
TMA	420728	5414043	0.39206	379.48	379.48	0 ANNUAL	TMA	5	
TMA	420728	5414093	0.38277	378.32	378.32	0 ANNUAL	TMA	5	
TMA	420728	5414143	0.37286	378	378	0 ANNUAL	TMA	5	
TMA	420728	5414193	0.36368	377.38	377.38	0 ANNUAL	TMA	5	
TMA	420728	5414243	0.35433	377.43	377.43	0 ANNUAL	TMA	5	
TMA	420728	5414293	0.34543	377.47	377.47	0 ANNUAL	TMA	5	
TMA	420728	5414343	0.33726	377	377	0 ANNUAL	TMA	5	
TMA	420728	5414393	0.32968	376	376	0 ANNUAL	TMA	5	
TMA	420728	5414443	0.32224	375	375	0 ANNUAL	TMA	5	
TMA	420728	5414493	0.31464	375	375	0 ANNUAL	TMA	5	
TMA	420728	5414543	0.30749	374.47	374.47	0 ANNUAL	TMA	5	
TMA	420728	5414593	0.29915	377.52	377.52	0 ANNUAL	TMA	5	
TMA	420728	5414643	0.29045	380.42	380.42	0 ANNUAL	TMA	5	
TMA	420728	5414693	0.28262	382	382	0 ANNUAL	TMA	5	
TMA	420728	5414743	0.27547	383	383	0 ANNUAL	TMA	5	
TMA	420728	5414793	0.26861	383.9	383.9	0 ANNUAL	TMA	5	
TMA	420728	5414843	0.26283	384	384	0 ANNUAL	TMA	5	
TMA	420728	5414893	0.25735	384	384	0 ANNUAL	TMA	5	
TMA	420728	5414943	0.25204	384	384	0 ANNUAL	TMA	5	
TMA	420728	5414993	0.24689	384	384	0 ANNUAL	TMA	5	
TMA	420728	5415043	0.24204	383.83	383.83	0 ANNUAL	TMA	5	
TMA	420728	5415093	0.23722	383.78	383.78	0 ANNUAL	TMA	5	
TMA	420728	5415143	0.23252	383.73	383.73	0 ANNUAL	TMA	5	
TMA	420728	5415193	0.22792	383.69	383.69	0 ANNUAL	TMA	5	
TMA	420678	5413493	0.55841	376.74	376.74	0 ANNUAL	TMA	5	
TMA	420678	5413543	0.53153	377.91	377.91	0 ANNUAL	TMA	5	
TMA	420678	5413593	0.50718	379	379	0 ANNUAL	TMA	5	
TMA	420678	5413643	0.48514	380	380	0 ANNUAL	TMA	5	
TMA	420678	5413693	0.46761	380	380	0 ANNUAL	TMA	5	
TMA	420678	5413743	0.45117	380.13	380.13	0 ANNUAL	TMA	5	
TMA	420678	5413793	0.43482	380.78	380.78	0 ANNUAL	TMA	5	
TMA	420678	5413843	0.42069	381	381	0 ANNUAL	TMA	5	
TMA	420678	5413893	0.41002	380	380	0 ANNUAL	TMA	5	
TMA	420678	5413943	0.3981	380	380	0 ANNUAL	TMA	5	
TMA	420678	5413993	0.38716	379.85	379.85	0 ANNUAL	TMA	5	
TMA	420678	5414043	0.37781	379	379	0 ANNUAL	TMA	5	
TMA	420678	5414093	0.36892	378	378	0 ANNUAL	TMA	5	
TMA	420678	5414143	0.35938	378	378	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420678	5414193	0.34972	378.65	378.65	0	ANNUAL	TMA	5
TMA	420678	5414243	0.34006	379.7	379.7	0	ANNUAL	TMA	5
TMA	420678	5414293	0.33261	379	379	0	ANNUAL	TMA	5
TMA	420678	5414343	0.32524	378.45	378.45	0	ANNUAL	TMA	5
TMA	420678	5414393	0.31901	376.4	376.4	0	ANNUAL	TMA	5
TMA	420678	5414443	0.31219	375.24	375.24	0	ANNUAL	TMA	5
TMA	420678	5414493	0.30547	374.09	374.09	0	ANNUAL	TMA	5
TMA	420678	5414543	0.29829	375.05	375.05	0	ANNUAL	TMA	5
TMA	420678	5414593	0.29007	378.46	378.46	0	ANNUAL	TMA	5
TMA	420678	5414643	0.28157	381.39	381.39	0	ANNUAL	TMA	5
TMA	420678	5414693	0.27446	382.55	382.55	0	ANNUAL	TMA	5
TMA	420678	5414743	0.26822	383	383	0	ANNUAL	TMA	5
TMA	420678	5414793	0.26195	383.68	383.68	0	ANNUAL	TMA	5
TMA	420678	5414843	0.25653	383.72	383.72	0	ANNUAL	TMA	5
TMA	420678	5414893	0.25197	383	383	0	ANNUAL	TMA	5
TMA	420678	5414943	0.24689	383	383	0	ANNUAL	TMA	5
TMA	420678	5414993	0.24227	382.6	382.6	0	ANNUAL	TMA	5
TMA	420678	5415043	0.23776	382.19	382.19	0	ANNUAL	TMA	5
TMA	420678	5415093	0.2332	382	382	0	ANNUAL	TMA	5
TMA	420678	5415143	0.22864	382	382	0	ANNUAL	TMA	5
TMA	420678	5415193	0.22418	382	382	0	ANNUAL	TMA	5
TMA	420628	5413493	0.5264	377.2	377.2	0	ANNUAL	TMA	5
TMA	420628	5413543	0.5025	378.28	378.28	0	ANNUAL	TMA	5
TMA	420628	5413593	0.4805	379.39	379.39	0	ANNUAL	TMA	5
TMA	420628	5413643	0.46155	380	380	0	ANNUAL	TMA	5
TMA	420628	5413693	0.44565	380	380	0	ANNUAL	TMA	5
TMA	420628	5413743	0.42866	381	381	0	ANNUAL	TMA	5
TMA	420628	5413793	0.41525	381	381	0	ANNUAL	TMA	5
TMA	420628	5413843	0.40444	380.18	380.18	0	ANNUAL	TMA	5
TMA	420628	5413893	0.39304	380	380	0	ANNUAL	TMA	5
TMA	420628	5413943	0.38208	380	380	0	ANNUAL	TMA	5
TMA	420628	5413993	0.37317	379	379	0	ANNUAL	TMA	5
TMA	420628	5414043	0.36392	378.54	378.54	0	ANNUAL	TMA	5
TMA	420628	5414093	0.35467	378.51	378.51	0	ANNUAL	TMA	5
TMA	420628	5414143	0.34537	379	379	0	ANNUAL	TMA	5
TMA	420628	5414193	0.33597	379.99	379.99	0	ANNUAL	TMA	5
TMA	420628	5414243	0.32807	380	380	0	ANNUAL	TMA	5
TMA	420628	5414293	0.32052	380	380	0	ANNUAL	TMA	5
TMA	420628	5414343	0.31449	378.62	378.62	0	ANNUAL	TMA	5
TMA	420628	5414393	0.30827	377.43	377.43	0	ANNUAL	TMA	5
TMA	420628	5414443	0.30249	375.28	375.28	0	ANNUAL	TMA	5
TMA	420628	5414493	0.29644	374	374	0	ANNUAL	TMA	5
TMA	420628	5414543	0.28914	376.04	376.04	0	ANNUAL	TMA	5
TMA	420628	5414593	0.2813	379.2	379.2	0	ANNUAL	TMA	5
TMA	420628	5414643	0.27376	381.36	381.36	0	ANNUAL	TMA	5
TMA	420628	5414693	0.26725	382.31	382.31	0	ANNUAL	TMA	5
TMA	420628	5414743	0.26113	383	383	0	ANNUAL	TMA	5
TMA	420628	5414793	0.25585	383	383	0	ANNUAL	TMA	5
TMA	420628	5414843	0.25072	383	383	0	ANNUAL	TMA	5
TMA	420628	5414893	0.24627	382.36	382.36	0	ANNUAL	TMA	5
TMA	420628	5414943	0.24169	382	382	0	ANNUAL	TMA	5
TMA	420628	5414993	0.23718	381.68	381.68	0	ANNUAL	TMA	5
TMA	420628	5415043	0.23294	381.1	381.1	0	ANNUAL	TMA	5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420628	5415093	0.22852	381	381	0 ANNUAL	TMA	5	
TMA	420628	5415143	0.22415	381	381	0 ANNUAL	TMA	5	
TMA	420628	5415193	0.21988	381	381	0 ANNUAL	TMA	5	
TMA	420578	5413493	0.49592	377.68	377.68	0 ANNUAL	TMA	5	
TMA	420578	5413543	0.47418	378.93	378.93	0 ANNUAL	TMA	5	
TMA	420578	5413593	0.45448	380	380	0 ANNUAL	TMA	5	
TMA	420578	5413643	0.43896	380	380	0 ANNUAL	TMA	5	
TMA	420578	5413693	0.42462	380	380	0 ANNUAL	TMA	5	
TMA	420578	5413743	0.40918	381	381	0 ANNUAL	TMA	5	
TMA	420578	5413793	0.39699	381	381	0 ANNUAL	TMA	5	
TMA	420578	5413843	0.3871	380.21	380.21	0 ANNUAL	TMA	5	
TMA	420578	5413893	0.37673	380	380	0 ANNUAL	TMA	5	
TMA	420578	5413943	0.36684	379.89	379.89	0 ANNUAL	TMA	5	
TMA	420578	5413993	0.35851	379	379	0 ANNUAL	TMA	5	
TMA	420578	5414043	0.34949	379	379	0 ANNUAL	TMA	5	
TMA	420578	5414093	0.34096	379	379	0 ANNUAL	TMA	5	
TMA	420578	5414143	0.33177	380	380	0 ANNUAL	TMA	5	
TMA	420578	5414193	0.32411	380	380	0 ANNUAL	TMA	5	
TMA	420578	5414243	0.31569	381	381	0 ANNUAL	TMA	5	
TMA	420578	5414293	0.30979	380	380	0 ANNUAL	TMA	5	
TMA	420578	5414343	0.30391	379	379	0 ANNUAL	TMA	5	
TMA	420578	5414393	0.29842	377.46	377.46	0 ANNUAL	TMA	5	
TMA	420578	5414443	0.29306	375.31	375.31	0 ANNUAL	TMA	5	
TMA	420578	5414493	0.28746	374	374	0 ANNUAL	TMA	5	
TMA	420578	5414543	0.28061	376.02	376.02	0 ANNUAL	TMA	5	
TMA	420578	5414593	0.27324	379.17	379.17	0 ANNUAL	TMA	5	
TMA	420578	5414643	0.26641	381	381	0 ANNUAL	TMA	5	
TMA	420578	5414693	0.26025	382	382	0 ANNUAL	TMA	5	
TMA	420578	5414743	0.25492	382.19	382.19	0 ANNUAL	TMA	5	
TMA	420578	5414793	0.24986	382.24	382.24	0 ANNUAL	TMA	5	
TMA	420578	5414843	0.24516	382.01	382.01	0 ANNUAL	TMA	5	
TMA	420578	5414893	0.24042	382	382	0 ANNUAL	TMA	5	
TMA	420578	5414943	0.23641	381.07	381.07	0 ANNUAL	TMA	5	
TMA	420578	5414993	0.23195	381	381	0 ANNUAL	TMA	5	
TMA	420578	5415043	0.22757	381	381	0 ANNUAL	TMA	5	
TMA	420578	5415093	0.22369	380.24	380.24	0 ANNUAL	TMA	5	
TMA	420578	5415143	0.21963	380	380	0 ANNUAL	TMA	5	
TMA	420578	5415193	0.21555	380	380	0 ANNUAL	TMA	5	
TMA	420528	5413493	0.46749	378	378	0 ANNUAL	TMA	5	
TMA	420528	5413543	0.44709	379.7	379.7	0 ANNUAL	TMA	5	
TMA	420528	5413593	0.43135	380	380	0 ANNUAL	TMA	5	
TMA	420528	5413643	0.41747	380	380	0 ANNUAL	TMA	5	
TMA	420528	5413693	0.40402	380.28	380.28	0 ANNUAL	TMA	5	
TMA	420528	5413743	0.39061	381	381	0 ANNUAL	TMA	5	
TMA	420528	5413793	0.37955	381	381	0 ANNUAL	TMA	5	
TMA	420528	5413843	0.37092	380	380	0 ANNUAL	TMA	5	
TMA	420528	5413893	0.36112	380	380	0 ANNUAL	TMA	5	
TMA	420528	5413943	0.35203	379.92	379.92	0 ANNUAL	TMA	5	
TMA	420528	5413993	0.34446	379	379	0 ANNUAL	TMA	5	
TMA	420528	5414043	0.33617	379	379	0 ANNUAL	TMA	5	
TMA	420528	5414093	0.3283	379	379	0 ANNUAL	TMA	5	
TMA	420528	5414143	0.3198	380	380	0 ANNUAL	TMA	5	
TMA	420528	5414193	0.31272	380	380	0 ANNUAL	TMA	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420528	5414243	0.30593	380.01	380.01	0 ANNUAL	TMA	5	
TMA	420528	5414293	0.29944	380	380	0 ANNUAL	TMA	5	
TMA	420528	5414343	0.29415	378.79	378.79	0 ANNUAL	TMA	5	
TMA	420528	5414393	0.28924	376.84	376.84	0 ANNUAL	TMA	5	
TMA	420528	5414443	0.28402	375.1	375.1	0 ANNUAL	TMA	5	
TMA	420528	5414493	0.27875	374	374	0 ANNUAL	TMA	5	
TMA	420528	5414543	0.27233	375.98	375.98	0 ANNUAL	TMA	5	
TMA	420528	5414593	0.26541	379.14	379.14	0 ANNUAL	TMA	5	
TMA	420528	5414643	0.25942	380.37	380.37	0 ANNUAL	TMA	5	
TMA	420528	5414693	0.25357	381.49	381.49	0 ANNUAL	TMA	5	
TMA	420528	5414743	0.24829	382	382	0 ANNUAL	TMA	5	
TMA	420528	5414793	0.24355	382	382	0 ANNUAL	TMA	5	
TMA	420528	5414843	0.23893	382	382	0 ANNUAL	TMA	5	
TMA	420528	5414893	0.23458	381.8	381.8	0 ANNUAL	TMA	5	
TMA	420528	5414943	0.23069	381	381	0 ANNUAL	TMA	5	
TMA	420528	5414993	0.22642	381	381	0 ANNUAL	TMA	5	
TMA	420528	5415043	0.22276	380	380	0 ANNUAL	TMA	5	
TMA	420528	5415093	0.21869	380	380	0 ANNUAL	TMA	5	
TMA	420528	5415143	0.21472	380	380	0 ANNUAL	TMA	5	
TMA	420528	5415193	0.21084	380	380	0 ANNUAL	TMA	5	
TMA	420478	5413493	0.44023	378.62	378.62	0 ANNUAL	TMA	5	
TMA	420478	5413543	0.42352	379.67	379.67	0 ANNUAL	TMA	5	
TMA	420478	5413593	0.4095	380	380	0 ANNUAL	TMA	5	
TMA	420478	5413643	0.39714	380	380	0 ANNUAL	TMA	5	
TMA	420478	5413693	0.3856	380	380	0 ANNUAL	TMA	5	
TMA	420478	5413743	0.3748	380	380	0 ANNUAL	TMA	5	
TMA	420478	5413793	0.36466	380	380	0 ANNUAL	TMA	5	
TMA	420478	5413843	0.35516	380	380	0 ANNUAL	TMA	5	
TMA	420478	5413893	0.34623	380	380	0 ANNUAL	TMA	5	
TMA	420478	5413943	0.33849	379.47	379.47	0 ANNUAL	TMA	5	
TMA	420478	5413993	0.33101	379	379	0 ANNUAL	TMA	5	
TMA	420478	5414043	0.3234	379	379	0 ANNUAL	TMA	5	
TMA	420478	5414093	0.31533	379.83	379.83	0 ANNUAL	TMA	5	
TMA	420478	5414143	0.3083	380	380	0 ANNUAL	TMA	5	
TMA	420478	5414193	0.30176	380	380	0 ANNUAL	TMA	5	
TMA	420478	5414243	0.29549	380	380	0 ANNUAL	TMA	5	
TMA	420478	5414293	0.28946	380	380	0 ANNUAL	TMA	5	
TMA	420478	5414343	0.28465	378.68	378.68	0 ANNUAL	TMA	5	
TMA	420478	5414393	0.28018	376.53	376.53	0 ANNUAL	TMA	5	
TMA	420478	5414443	0.27542	374.37	374.37	0 ANNUAL	TMA	5	
TMA	420478	5414493	0.27029	374	374	0 ANNUAL	TMA	5	
TMA	420478	5414543	0.26429	375.95	375.95	0 ANNUAL	TMA	5	
TMA	420478	5414593	0.25833	378.11	378.11	0 ANNUAL	TMA	5	
TMA	420478	5414643	0.25222	380.27	380.27	0 ANNUAL	TMA	5	
TMA	420478	5414693	0.24701	381	381	0 ANNUAL	TMA	5	
TMA	420478	5414743	0.24178	381.89	381.89	0 ANNUAL	TMA	5	
TMA	420478	5414793	0.23722	382	382	0 ANNUAL	TMA	5	
TMA	420478	5414843	0.23308	381.68	381.68	0 ANNUAL	TMA	5	
TMA	420478	5414893	0.22923	381	381	0 ANNUAL	TMA	5	
TMA	420478	5414943	0.22507	381	381	0 ANNUAL	TMA	5	
TMA	420478	5414993	0.22121	380.62	380.62	0 ANNUAL	TMA	5	
TMA	420478	5415043	0.21755	380	380	0 ANNUAL	TMA	5	
TMA	420478	5415093	0.21368	380	380	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420478	5415143	0.2099	380	380	0 ANNUAL	TMA	5	
TMA	420478	5415193	0.20622	379.99	379.99	0 ANNUAL	TMA	5	
TMA	420428	5413493	0.41603	378.59	378.59	0 ANNUAL	TMA	5	
TMA	420428	5413543	0.40198	379.31	379.31	0 ANNUAL	TMA	5	
TMA	420428	5413593	0.38889	380	380	0 ANNUAL	TMA	5	
TMA	420428	5413643	0.37792	380	380	0 ANNUAL	TMA	5	
TMA	420428	5413693	0.36761	380	380	0 ANNUAL	TMA	5	
TMA	420428	5413743	0.3579	380	380	0 ANNUAL	TMA	5	
TMA	420428	5413793	0.34876	380	380	0 ANNUAL	TMA	5	
TMA	420428	5413843	0.34015	380	380	0 ANNUAL	TMA	5	
TMA	420428	5413893	0.33203	380	380	0 ANNUAL	TMA	5	
TMA	420428	5413943	0.32548	379	379	0 ANNUAL	TMA	5	
TMA	420428	5413993	0.31814	379	379	0 ANNUAL	TMA	5	
TMA	420428	5414043	0.31024	379.92	379.92	0 ANNUAL	TMA	5	
TMA	420428	5414093	0.30356	380	380	0 ANNUAL	TMA	5	
TMA	420428	5414143	0.29726	380	380	0 ANNUAL	TMA	5	
TMA	420428	5414193	0.29043	380.81	380.81	0 ANNUAL	TMA	5	
TMA	420428	5414243	0.2854	380.03	380.03	0 ANNUAL	TMA	5	
TMA	420428	5414293	0.27995	379.87	379.87	0 ANNUAL	TMA	5	
TMA	420428	5414343	0.27599	377.72	377.72	0 ANNUAL	TMA	5	
TMA	420428	5414393	0.27174	375.35	375.35	0 ANNUAL	TMA	5	
TMA	420428	5414443	0.26715	374	374	0 ANNUAL	TMA	5	
TMA	420428	5414493	0.2621	374	374	0 ANNUAL	TMA	5	
TMA	420428	5414543	0.25649	375.92	375.92	0 ANNUAL	TMA	5	
TMA	420428	5414593	0.25091	378.08	378.08	0 ANNUAL	TMA	5	
TMA	420428	5414643	0.24519	380.24	380.24	0 ANNUAL	TMA	5	
TMA	420428	5414693	0.24027	381	381	0 ANNUAL	TMA	5	
TMA	420428	5414743	0.23594	381	381	0 ANNUAL	TMA	5	
TMA	420428	5414793	0.23171	381	381	0 ANNUAL	TMA	5	
TMA	420428	5414843	0.22757	381	381	0 ANNUAL	TMA	5	
TMA	420428	5414893	0.22353	381	381	0 ANNUAL	TMA	5	
TMA	420428	5414943	0.21958	381	381	0 ANNUAL	TMA	5	
TMA	420428	5414993	0.21622	380	380	0 ANNUAL	TMA	5	
TMA	420428	5415043	0.21245	380	380	0 ANNUAL	TMA	5	
TMA	420428	5415093	0.20878	380	380	0 ANNUAL	TMA	5	
TMA	420428	5415143	0.20519	380	380	0 ANNUAL	TMA	5	
TMA	420428	5415193	0.20203	379.02	379.02	0 ANNUAL	TMA	5	
TMA	420378	5413493	0.39283	378.84	378.84	0 ANNUAL	TMA	5	
TMA	420378	5413543	0.38023	379.72	379.72	0 ANNUAL	TMA	5	
TMA	420378	5413593	0.36942	380	380	0 ANNUAL	TMA	5	
TMA	420378	5413643	0.35971	380	380	0 ANNUAL	TMA	5	
TMA	420378	5413693	0.35053	380	380	0 ANNUAL	TMA	5	
TMA	420378	5413743	0.34184	380	380	0 ANNUAL	TMA	5	
TMA	420378	5413793	0.33361	380	380	0 ANNUAL	TMA	5	
TMA	420378	5413843	0.32582	380	380	0 ANNUAL	TMA	5	
TMA	420378	5413893	0.31845	380	380	0 ANNUAL	TMA	5	
TMA	420378	5413943	0.31146	380	380	0 ANNUAL	TMA	5	
TMA	420378	5413993	0.30481	380	380	0 ANNUAL	TMA	5	
TMA	420378	5414043	0.29848	380	380	0 ANNUAL	TMA	5	
TMA	420378	5414093	0.29243	380	380	0 ANNUAL	TMA	5	
TMA	420378	5414143	0.28663	380	380	0 ANNUAL	TMA	5	
TMA	420378	5414193	0.28107	380	380	0 ANNUAL	TMA	5	
TMA	420378	5414243	0.27572	380	380	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420378	5414293	0.27136	378.91	378.91	0 ANNUAL	TMA	5	
TMA	420378	5414343	0.2675	376.75	376.75	0 ANNUAL	TMA	5	
TMA	420378	5414393	0.26334	374.59	374.59	0 ANNUAL	TMA	5	
TMA	420378	5414443	0.25894	373.27	373.27	0 ANNUAL	TMA	5	
TMA	420378	5414493	0.25415	374	374	0 ANNUAL	TMA	5	
TMA	420378	5414543	0.24892	375.89	375.89	0 ANNUAL	TMA	5	
TMA	420378	5414593	0.24371	378.05	378.05	0 ANNUAL	TMA	5	
TMA	420378	5414643	0.23846	380	380	0 ANNUAL	TMA	5	
TMA	420378	5414693	0.23372	381	381	0 ANNUAL	TMA	5	
TMA	420378	5414743	0.22966	381	381	0 ANNUAL	TMA	5	
TMA	420378	5414793	0.22568	381	381	0 ANNUAL	TMA	5	
TMA	420378	5414843	0.22178	381	381	0 ANNUAL	TMA	5	
TMA	420378	5414893	0.21796	381	381	0 ANNUAL	TMA	5	
TMA	420378	5414943	0.21471	380.01	380.01	0 ANNUAL	TMA	5	
TMA	420378	5414993	0.21105	380	380	0 ANNUAL	TMA	5	
TMA	420378	5415043	0.20748	380	380	0 ANNUAL	TMA	5	
TMA	420378	5415093	0.20399	380	380	0 ANNUAL	TMA	5	
TMA	420378	5415143	0.20088	379.17	379.17	0 ANNUAL	TMA	5	
TMA	420378	5415193	0.19759	379	379	0 ANNUAL	TMA	5	
TMA	420328	5413493	0.37126	379	379	0 ANNUAL	TMA	5	
TMA	420328	5413543	0.36005	380	380	0 ANNUAL	TMA	5	
TMA	420328	5413593	0.35104	380	380	0 ANNUAL	TMA	5	
TMA	420328	5413643	0.34248	380	380	0 ANNUAL	TMA	5	
TMA	420328	5413693	0.33433	380	380	0 ANNUAL	TMA	5	
TMA	420328	5413743	0.32656	380	380	0 ANNUAL	TMA	5	
TMA	420328	5413793	0.31917	380	380	0 ANNUAL	TMA	5	
TMA	420328	5413843	0.31215	380	380	0 ANNUAL	TMA	5	
TMA	420328	5413893	0.30548	380	380	0 ANNUAL	TMA	5	
TMA	420328	5413943	0.29912	380	380	0 ANNUAL	TMA	5	
TMA	420328	5413993	0.29306	380	380	0 ANNUAL	TMA	5	
TMA	420328	5414043	0.28727	380	380	0 ANNUAL	TMA	5	
TMA	420328	5414093	0.28173	380	380	0 ANNUAL	TMA	5	
TMA	420328	5414143	0.27641	380	380	0 ANNUAL	TMA	5	
TMA	420328	5414193	0.27129	380	380	0 ANNUAL	TMA	5	
TMA	420328	5414243	0.26705	379.04	379.04	0 ANNUAL	TMA	5	
TMA	420328	5414293	0.26291	377.94	377.94	0 ANNUAL	TMA	5	
TMA	420328	5414343	0.25918	375.78	375.78	0 ANNUAL	TMA	5	
TMA	420328	5414393	0.25496	374.62	374.62	0 ANNUAL	TMA	5	
TMA	420328	5414443	0.25091	373	373	0 ANNUAL	TMA	5	
TMA	420328	5414493	0.24646	373.75	373.75	0 ANNUAL	TMA	5	
TMA	420328	5414543	0.24181	374.97	374.97	0 ANNUAL	TMA	5	
TMA	420328	5414593	0.23706	377.08	377.08	0 ANNUAL	TMA	5	
TMA	420328	5414643	0.23227	379	379	0 ANNUAL	TMA	5	
TMA	420328	5414693	0.22789	379.98	379.98	0 ANNUAL	TMA	5	
TMA	420328	5414743	0.22406	380	380	0 ANNUAL	TMA	5	
TMA	420328	5414793	0.22031	380	380	0 ANNUAL	TMA	5	
TMA	420328	5414843	0.21662	380	380	0 ANNUAL	TMA	5	
TMA	420328	5414893	0.213	380	380	0 ANNUAL	TMA	5	
TMA	420328	5414943	0.20946	380	380	0 ANNUAL	TMA	5	
TMA	420328	5414993	0.206	380	380	0 ANNUAL	TMA	5	
TMA	420328	5415043	0.20275	379.64	379.64	0 ANNUAL	TMA	5	
TMA	420328	5415093	0.19966	379	379	0 ANNUAL	TMA	5	
TMA	420328	5415143	0.1964	379	379	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420328	5415193	0.19335	378.54	378.54	0 ANNUAL	TMA	5	
TMA	420278	5413493	0.35129	379	379	0 ANNUAL	TMA	5	
TMA	420278	5413543	0.34165	379.92	379.92	0 ANNUAL	TMA	5	
TMA	420278	5413593	0.33368	380	380	0 ANNUAL	TMA	5	
TMA	420278	5413643	0.32616	380	380	0 ANNUAL	TMA	5	
TMA	420278	5413693	0.31895	380	380	0 ANNUAL	TMA	5	
TMA	420278	5413743	0.31204	380	380	0 ANNUAL	TMA	5	
TMA	420278	5413793	0.30543	380	380	0 ANNUAL	TMA	5	
TMA	420278	5413843	0.29912	380	380	0 ANNUAL	TMA	5	
TMA	420278	5413893	0.29308	380	380	0 ANNUAL	TMA	5	
TMA	420278	5413943	0.28732	380	380	0 ANNUAL	TMA	5	
TMA	420278	5413993	0.2818	380	380	0 ANNUAL	TMA	5	
TMA	420278	5414043	0.27652	380	380	0 ANNUAL	TMA	5	
TMA	420278	5414093	0.27144	380	380	0 ANNUAL	TMA	5	
TMA	420278	5414143	0.26656	380	380	0 ANNUAL	TMA	5	
TMA	420278	5414193	0.26254	379.05	379.05	0 ANNUAL	TMA	5	
TMA	420278	5414243	0.25852	378.13	378.13	0 ANNUAL	TMA	5	
TMA	420278	5414293	0.25462	377	377	0 ANNUAL	TMA	5	
TMA	420278	5414343	0.25074	375.81	375.81	0 ANNUAL	TMA	5	
TMA	420278	5414393	0.24684	374.65	374.65	0 ANNUAL	TMA	5	
TMA	420278	5414443	0.24307	373.49	373.49	0 ANNUAL	TMA	5	
TMA	420278	5414493	0.23905	373	373	0 ANNUAL	TMA	5	
TMA	420278	5414543	0.235	373.97	373.97	0 ANNUAL	TMA	5	
TMA	420278	5414593	0.23061	375.78	375.78	0 ANNUAL	TMA	5	
TMA	420278	5414643	0.22646	377.11	377.11	0 ANNUAL	TMA	5	
TMA	420278	5414693	0.2224	378.21	378.21	0 ANNUAL	TMA	5	
TMA	420278	5414743	0.21857	378.81	378.81	0 ANNUAL	TMA	5	
TMA	420278	5414793	0.21496	379	379	0 ANNUAL	TMA	5	
TMA	420278	5414843	0.21148	379	379	0 ANNUAL	TMA	5	
TMA	420278	5414893	0.20806	379	379	0 ANNUAL	TMA	5	
TMA	420278	5414943	0.20471	379	379	0 ANNUAL	TMA	5	
TMA	420278	5414993	0.20142	379	379	0 ANNUAL	TMA	5	
TMA	420278	5415043	0.1984	378.37	378.37	0 ANNUAL	TMA	5	
TMA	420278	5415093	0.19534	378	378	0 ANNUAL	TMA	5	
TMA	420278	5415143	0.19224	378	378	0 ANNUAL	TMA	5	
TMA	420278	5415193	0.18921	378	378	0 ANNUAL	TMA	5	
TMA	420228	5413493	0.33321	378.46	378.46	0 ANNUAL	TMA	5	
TMA	420228	5413543	0.32539	379	379	0 ANNUAL	TMA	5	
TMA	420228	5413593	0.31851	379	379	0 ANNUAL	TMA	5	
TMA	420228	5413643	0.31069	380	380	0 ANNUAL	TMA	5	
TMA	420228	5413693	0.30435	380	380	0 ANNUAL	TMA	5	
TMA	420228	5413743	0.29823	380	380	0 ANNUAL	TMA	5	
TMA	420228	5413793	0.29234	380	380	0 ANNUAL	TMA	5	
TMA	420228	5413843	0.28668	380	380	0 ANNUAL	TMA	5	
TMA	420228	5413893	0.28125	380	380	0 ANNUAL	TMA	5	
TMA	420228	5413943	0.27603	380	380	0 ANNUAL	TMA	5	
TMA	420228	5413993	0.27102	380	380	0 ANNUAL	TMA	5	
TMA	420228	5414043	0.26621	380	380	0 ANNUAL	TMA	5	
TMA	420228	5414093	0.26157	380	380	0 ANNUAL	TMA	5	
TMA	420228	5414143	0.25751	379.45	379.45	0 ANNUAL	TMA	5	
TMA	420228	5414193	0.25346	379	379	0 ANNUAL	TMA	5	
TMA	420228	5414243	0.24982	378	378	0 ANNUAL	TMA	5	
TMA	420228	5414293	0.24617	377	377	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420228	5414343	0.24258	375.88	375.88	0 ANNUAL	TMA	5	
TMA	420228	5414393	0.23898	374.77	374.77	0 ANNUAL	TMA	5	
TMA	420228	5414443	0.23547	374	374	0 ANNUAL	TMA	5	
TMA	420228	5414493	0.2318	373	373	0 ANNUAL	TMA	5	
TMA	420228	5414543	0.22812	373	373	0 ANNUAL	TMA	5	
TMA	420228	5414593	0.22443	373.98	373.98	0 ANNUAL	TMA	5	
TMA	420228	5414643	0.22059	375.05	375.05	0 ANNUAL	TMA	5	
TMA	420228	5414693	0.2169	376.12	376.12	0 ANNUAL	TMA	5	
TMA	420228	5414743	0.21337	376.65	376.65	0 ANNUAL	TMA	5	
TMA	420228	5414793	0.20985	377.33	377.33	0 ANNUAL	TMA	5	
TMA	420228	5414843	0.20659	377.28	377.28	0 ANNUAL	TMA	5	
TMA	420228	5414893	0.20337	377.24	377.24	0 ANNUAL	TMA	5	
TMA	420228	5414943	0.2002	377.19	377.19	0 ANNUAL	TMA	5	
TMA	420228	5414993	0.19709	377.14	377.14	0 ANNUAL	TMA	5	
TMA	420228	5415043	0.19404	377.1	377.1	0 ANNUAL	TMA	5	
TMA	420228	5415093	0.19106	377	377	0 ANNUAL	TMA	5	
TMA	420228	5415143	0.18811	377	377	0 ANNUAL	TMA	5	
TMA	420228	5415193	0.18522	377	377	0 ANNUAL	TMA	5	
TMA	420178	5413493	0.31488	379	379	0 ANNUAL	TMA	5	
TMA	420178	5413543	0.30878	379	379	0 ANNUAL	TMA	5	
TMA	420178	5413593	0.30176	379.95	379.95	0 ANNUAL	TMA	5	
TMA	420178	5413643	0.29599	380	380	0 ANNUAL	TMA	5	
TMA	420178	5413693	0.29045	380	380	0 ANNUAL	TMA	5	
TMA	420178	5413743	0.28505	380	380	0 ANNUAL	TMA	5	
TMA	420178	5413793	0.27983	380	380	0 ANNUAL	TMA	5	
TMA	420178	5413843	0.27479	380	380	0 ANNUAL	TMA	5	
TMA	420178	5413893	0.26992	380	380	0 ANNUAL	TMA	5	
TMA	420178	5413943	0.26522	380	380	0 ANNUAL	TMA	5	
TMA	420178	5413993	0.26069	380	380	0 ANNUAL	TMA	5	
TMA	420178	5414043	0.25632	380	380	0 ANNUAL	TMA	5	
TMA	420178	5414093	0.2521	380	380	0 ANNUAL	TMA	5	
TMA	420178	5414143	0.24868	379	379	0 ANNUAL	TMA	5	
TMA	420178	5414193	0.2447	379	379	0 ANNUAL	TMA	5	
TMA	420178	5414243	0.24136	378	378	0 ANNUAL	TMA	5	
TMA	420178	5414293	0.23801	377.03	377.03	0 ANNUAL	TMA	5	
TMA	420178	5414343	0.23469	376	376	0 ANNUAL	TMA	5	
TMA	420178	5414393	0.23135	375	375	0 ANNUAL	TMA	5	
TMA	420178	5414443	0.22816	374	374	0 ANNUAL	TMA	5	
TMA	420178	5414493	0.22474	373.39	373.39	0 ANNUAL	TMA	5	
TMA	420178	5414543	0.22136	373	373	0 ANNUAL	TMA	5	
TMA	420178	5414593	0.21801	373	373	0 ANNUAL	TMA	5	
TMA	420178	5414643	0.21463	374	374	0 ANNUAL	TMA	5	
TMA	420178	5414693	0.21125	374.36	374.36	0 ANNUAL	TMA	5	
TMA	420178	5414743	0.20796	375.04	375.04	0 ANNUAL	TMA	5	
TMA	420178	5414793	0.20473	375.58	375.58	0 ANNUAL	TMA	5	
TMA	420178	5414843	0.20156	376	376	0 ANNUAL	TMA	5	
TMA	420178	5414893	0.19851	376	376	0 ANNUAL	TMA	5	
TMA	420178	5414943	0.19551	376	376	0 ANNUAL	TMA	5	
TMA	420178	5414993	0.19256	376	376	0 ANNUAL	TMA	5	
TMA	420178	5415043	0.18966	376	376	0 ANNUAL	TMA	5	
TMA	420178	5415093	0.18681	376	376	0 ANNUAL	TMA	5	
TMA	420178	5415143	0.18401	376	376	0 ANNUAL	TMA	5	
TMA	420178	5415193	0.18122	376.26	376.26	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420128	5413493	0.29831	379	379	0 ANNUAL	TMA	5	
TMA	420128	5413543	0.29202	379.98	379.98	0 ANNUAL	TMA	5	
TMA	420128	5413593	0.28696	380	380	0 ANNUAL	TMA	5	
TMA	420128	5413643	0.28203	380	380	0 ANNUAL	TMA	5	
TMA	420128	5413693	0.27719	380	380	0 ANNUAL	TMA	5	
TMA	420128	5413743	0.27247	380	380	0 ANNUAL	TMA	5	
TMA	420128	5413793	0.26786	380	380	0 ANNUAL	TMA	5	
TMA	420128	5413843	0.26339	380	380	0 ANNUAL	TMA	5	
TMA	420128	5413893	0.25905	380	380	0 ANNUAL	TMA	5	
TMA	420128	5413943	0.25484	380	380	0 ANNUAL	TMA	5	
TMA	420128	5413993	0.25076	380	380	0 ANNUAL	TMA	5	
TMA	420128	5414043	0.24681	380	380	0 ANNUAL	TMA	5	
TMA	420128	5414093	0.24298	380	380	0 ANNUAL	TMA	5	
TMA	420128	5414143	0.23927	380	380	0 ANNUAL	TMA	5	
TMA	420128	5414193	0.23604	379.38	379.38	0 ANNUAL	TMA	5	
TMA	420128	5414243	0.23311	378.22	378.22	0 ANNUAL	TMA	5	
TMA	420128	5414293	0.23014	377.06	377.06	0 ANNUAL	TMA	5	
TMA	420128	5414343	0.2271	376	376	0 ANNUAL	TMA	5	
TMA	420128	5414393	0.22409	374.78	374.78	0 ANNUAL	TMA	5	
TMA	420128	5414443	0.22109	374	374	0 ANNUAL	TMA	5	
TMA	420128	5414493	0.21796	373	373	0 ANNUAL	TMA	5	
TMA	420128	5414543	0.2148	373	373	0 ANNUAL	TMA	5	
TMA	420128	5414593	0.21169	373	373	0 ANNUAL	TMA	5	
TMA	420128	5414643	0.20863	373	373	0 ANNUAL	TMA	5	
TMA	420128	5414693	0.20555	373.9	373.9	0 ANNUAL	TMA	5	
TMA	420128	5414743	0.20257	374	374	0 ANNUAL	TMA	5	
TMA	420128	5414793	0.19951	374.41	374.41	0 ANNUAL	TMA	5	
TMA	420128	5414843	0.19653	375	375	0 ANNUAL	TMA	5	
TMA	420128	5414893	0.19367	375	375	0 ANNUAL	TMA	5	
TMA	420128	5414943	0.19084	375	375	0 ANNUAL	TMA	5	
TMA	420128	5414993	0.18806	375	375	0 ANNUAL	TMA	5	
TMA	420128	5415043	0.18527	375.32	375.32	0 ANNUAL	TMA	5	
TMA	420128	5415093	0.18246	376	376	0 ANNUAL	TMA	5	
TMA	420128	5415143	0.17975	376.35	376.35	0 ANNUAL	TMA	5	
TMA	420128	5415193	0.17683	377.92	377.92	0 ANNUAL	TMA	5	
TMA	420128	5415293	0.17151	379	379	0 ANNUAL	TMA	5	
TMA	420128	5415393	0.16661	379	379	0 ANNUAL	TMA	5	
TMA	420128	5415493	0.16185	379	379	0 ANNUAL	TMA	5	
TMA	420128	5415593	0.1572	379.06	379.06	0 ANNUAL	TMA	5	
TMA	420128	5415693	0.15251	380	380	0 ANNUAL	TMA	5	
TMA	420128	5415793	0.14816	380.11	380.11	0 ANNUAL	TMA	5	
TMA	420128	5415893	0.14378	381	381	0 ANNUAL	TMA	5	
TMA	420128	5415993	0.13951	382	382	0 ANNUAL	TMA	5	
TMA	420128	5416093	0.13558	382	382	0 ANNUAL	TMA	5	
TMA	420128	5416193	0.13186	381.49	381.49	0 ANNUAL	TMA	5	
TMA	420228	5415293	0.17959	377	377	0 ANNUAL	TMA	5	
TMA	420228	5415393	0.17395	378	378	0 ANNUAL	TMA	5	
TMA	420228	5415493	0.16869	378	378	0 ANNUAL	TMA	5	
TMA	420228	5415593	0.16339	379	379	0 ANNUAL	TMA	5	
TMA	420228	5415693	0.1585	379	379	0 ANNUAL	TMA	5	
TMA	420228	5415793	0.15357	380	380	0 ANNUAL	TMA	5	
TMA	420228	5415893	0.14887	380.72	380.72	0 ANNUAL	TMA	5	
TMA	420228	5415993	0.14407	382.39	382.39	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420228	5416093	0.13937	384	384	0 ANNUAL	TMA	5	
TMA	420228	5416193	0.13497	385.02	385.02	0 ANNUAL	TMA	5	
TMA	420328	5415293	0.1873	378	378	0 ANNUAL	TMA	5	
TMA	420328	5415393	0.18131	378	378	0 ANNUAL	TMA	5	
TMA	420328	5415493	0.17553	378	378	0 ANNUAL	TMA	5	
TMA	420328	5415593	0.16993	378.19	378.19	0 ANNUAL	TMA	5	
TMA	420328	5415693	0.16442	379	379	0 ANNUAL	TMA	5	
TMA	420328	5415793	0.15908	380	380	0 ANNUAL	TMA	5	
TMA	420328	5415893	0.15414	380	380	0 ANNUAL	TMA	5	
TMA	420328	5415993	0.14876	382.46	382.46	0 ANNUAL	TMA	5	
TMA	420328	5416093	0.14319	385.51	385.51	0 ANNUAL	TMA	5	
TMA	420328	5416193	0.1378	388.05	388.05	0 ANNUAL	TMA	5	
TMA	420428	5415293	0.19521	379	379	0 ANNUAL	TMA	5	
TMA	420428	5415393	0.18864	379	379	0 ANNUAL	TMA	5	
TMA	420428	5415493	0.18232	379	379	0 ANNUAL	TMA	5	
TMA	420428	5415593	0.17627	379	379	0 ANNUAL	TMA	5	
TMA	420428	5415693	0.17048	379	379	0 ANNUAL	TMA	5	
TMA	420428	5415793	0.16468	380	380	0 ANNUAL	TMA	5	
TMA	420428	5415893	0.1588	382	382	0 ANNUAL	TMA	5	
TMA	420428	5415993	0.15283	384.52	384.52	0 ANNUAL	TMA	5	
TMA	420428	5416093	0.147	386.87	386.87	0 ANNUAL	TMA	5	
TMA	420428	5416193	0.14082	390.02	390.02	0 ANNUAL	TMA	5	
TMA	420528	5415293	0.2034	379.82	379.82	0 ANNUAL	TMA	5	
TMA	420528	5415393	0.19646	379	379	0 ANNUAL	TMA	5	
TMA	420528	5415493	0.18947	379.31	379.31	0 ANNUAL	TMA	5	
TMA	420528	5415593	0.18268	380	380	0 ANNUAL	TMA	5	
TMA	420528	5415693	0.17641	380	380	0 ANNUAL	TMA	5	
TMA	420528	5415793	0.17039	380	380	0 ANNUAL	TMA	5	
TMA	420528	5415893	0.16427	381.26	381.26	0 ANNUAL	TMA	5	
TMA	420528	5415993	0.15763	384.58	384.58	0 ANNUAL	TMA	5	
TMA	420528	5416093	0.15092	387.92	387.92	0 ANNUAL	TMA	5	
TMA	420528	5416193	0.14351	392.21	392.21	0 ANNUAL	TMA	5	
TMA	420628	5415293	0.21205	380.05	380.05	0 ANNUAL	TMA	5	
TMA	420628	5415393	0.20418	380	380	0 ANNUAL	TMA	5	
TMA	420628	5415493	0.19667	380	380	0 ANNUAL	TMA	5	
TMA	420628	5415593	0.18953	380	380	0 ANNUAL	TMA	5	
TMA	420628	5415693	0.18223	381.47	381.47	0 ANNUAL	TMA	5	
TMA	420628	5415793	0.17572	381.58	381.58	0 ANNUAL	TMA	5	
TMA	420628	5415893	0.16933	382.16	382.16	0 ANNUAL	TMA	5	
TMA	420628	5415993	0.16252	384.64	384.64	0 ANNUAL	TMA	5	
TMA	420628	5416093	0.15593	387	387	0 ANNUAL	TMA	5	
TMA	420628	5416193	0.14911	390.06	390.06	0 ANNUAL	TMA	5	
TMA	420728	5415293	0.21945	383	383	0 ANNUAL	TMA	5	
TMA	420728	5415393	0.21144	382.1	382.1	0 ANNUAL	TMA	5	
TMA	420728	5415493	0.20366	381.41	381.41	0 ANNUAL	TMA	5	
TMA	420728	5415593	0.19587	381.61	381.61	0 ANNUAL	TMA	5	
TMA	420728	5415693	0.18804	382.81	382.81	0 ANNUAL	TMA	5	
TMA	420728	5415793	0.18054	384.01	384.01	0 ANNUAL	TMA	5	
TMA	420728	5415893	0.17396	384.04	384.04	0 ANNUAL	TMA	5	
TMA	420728	5415993	0.16732	384.98	384.98	0 ANNUAL	TMA	5	
TMA	420728	5416093	0.16052	387	387	0 ANNUAL	TMA	5	
TMA	420728	5416193	0.15404	389	389	0 ANNUAL	TMA	5	
TMA	420828	5415293	0.22605	386	386	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420828	5415393	0.21776	385.05	385.05	0 ANNUAL	TMA	5	
TMA	420828	5415493	0.20919	384.96	384.96	0 ANNUAL	TMA	5	
TMA	420828	5415593	0.20161	384	384	0 ANNUAL	TMA	5	
TMA	420828	5415693	0.19378	384	384	0 ANNUAL	TMA	5	
TMA	420828	5415793	0.18539	385.72	385.72	0 ANNUAL	TMA	5	
TMA	420828	5415893	0.17768	387	387	0 ANNUAL	TMA	5	
TMA	420828	5415993	0.17121	387	387	0 ANNUAL	TMA	5	
TMA	420828	5416093	0.16517	387	387	0 ANNUAL	TMA	5	
TMA	420828	5416193	0.15897	388	388	0 ANNUAL	TMA	5	
TMA	420928	5415293	0.23395	387	387	0 ANNUAL	TMA	5	
TMA	420928	5415393	0.22314	388	388	0 ANNUAL	TMA	5	
TMA	420928	5415493	0.21453	387.5	387.5	0 ANNUAL	TMA	5	
TMA	420928	5415593	0.2063	387	387	0 ANNUAL	TMA	5	
TMA	420928	5415693	0.1988	386	386	0 ANNUAL	TMA	5	
TMA	420928	5415793	0.19073	386.37	386.37	0 ANNUAL	TMA	5	
TMA	420928	5415893	0.1819	388.51	388.51	0 ANNUAL	TMA	5	
TMA	420928	5415993	0.17402	390.03	390.03	0 ANNUAL	TMA	5	
TMA	420928	5416093	0.16787	390	390	0 ANNUAL	TMA	5	
TMA	420928	5416193	0.16068	391.85	391.85	0 ANNUAL	TMA	5	
TMA	421028	5415293	0.24424	385.67	385.67	0 ANNUAL	TMA	5	
TMA	421028	5415393	0.23115	388	388	0 ANNUAL	TMA	5	
TMA	421028	5415493	0.22021	389.01	389.01	0 ANNUAL	TMA	5	
TMA	421028	5415593	0.21106	389	389	0 ANNUAL	TMA	5	
TMA	421028	5415693	0.20332	388.06	388.06	0 ANNUAL	TMA	5	
TMA	421028	5415793	0.19522	388	388	0 ANNUAL	TMA	5	
TMA	421028	5415893	0.18682	389	389	0 ANNUAL	TMA	5	
TMA	421028	5415993	0.17718	392	392	0 ANNUAL	TMA	5	
TMA	421028	5416093	0.167	395.7	395.7	0 ANNUAL	TMA	5	
TMA	421028	5416193	0.1577	398.71	398.71	0 ANNUAL	TMA	5	
TMA	421128	5415293	0.25289	385.73	385.73	0 ANNUAL	TMA	5	
TMA	421128	5415393	0.23762	389.03	389.03	0 ANNUAL	TMA	5	
TMA	421128	5415493	0.226	390	390	0 ANNUAL	TMA	5	
TMA	421128	5415593	0.21636	390	390	0 ANNUAL	TMA	5	
TMA	421128	5415693	0.20735	390	390	0 ANNUAL	TMA	5	
TMA	421128	5415793	0.19918	389.79	389.79	0 ANNUAL	TMA	5	
TMA	421128	5415893	0.19119	390	390	0 ANNUAL	TMA	5	
TMA	421128	5415993	0.18104	392.95	392.95	0 ANNUAL	TMA	5	
TMA	421128	5416093	0.17065	396.3	396.3	0 ANNUAL	TMA	5	
TMA	421128	5416193	0.15986	399.98	399.98	0 ANNUAL	TMA	5	
TMA	421228	5415293	0.26242	384.79	384.79	0 ANNUAL	TMA	5	
TMA	421228	5415393	0.24636	388.11	388.11	0 ANNUAL	TMA	5	
TMA	421228	5415493	0.23276	390	390	0 ANNUAL	TMA	5	
TMA	421228	5415593	0.22259	390	390	0 ANNUAL	TMA	5	
TMA	421228	5415693	0.21315	390	390	0 ANNUAL	TMA	5	
TMA	421228	5415793	0.2033	391	391	0 ANNUAL	TMA	5	
TMA	421228	5415893	0.19336	392.69	392.69	0 ANNUAL	TMA	5	
TMA	421228	5415993	0.1832	395.01	395.01	0 ANNUAL	TMA	5	
TMA	421228	5416093	0.17228	398.13	398.13	0 ANNUAL	TMA	5	
TMA	421228	5416193	0.16345	400	400	0 ANNUAL	TMA	5	
TMA	421328	5415293	0.2728	382.85	382.85	0 ANNUAL	TMA	5	
TMA	421328	5415393	0.25641	386	386	0 ANNUAL	TMA	5	
TMA	421328	5415493	0.24252	387.64	387.64	0 ANNUAL	TMA	5	
TMA	421328	5415593	0.23068	388.4	388.4	0 ANNUAL	TMA	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421328	5415693	0.21998	389	389	0 ANNUAL	TMA	5	
TMA	421328	5415793	0.21075	389	389	0 ANNUAL	TMA	5	
TMA	421328	5415893	0.20125	389.92	389.92	0 ANNUAL	TMA	5	
TMA	421328	5415993	0.19128	391.84	391.84	0 ANNUAL	TMA	5	
TMA	421328	5416093	0.17848	396.39	396.39	0 ANNUAL	TMA	5	
TMA	421328	5416193	0.16566	400.72	400.72	0 ANNUAL	TMA	5	
TMA	421428	5415293	0.28241	381.53	381.53	0 ANNUAL	TMA	5	
TMA	421428	5415393	0.26674	383.23	383.23	0 ANNUAL	TMA	5	
TMA	421428	5415493	0.25173	385.42	385.42	0 ANNUAL	TMA	5	
TMA	421428	5415593	0.23867	386.74	386.74	0 ANNUAL	TMA	5	
TMA	421428	5415693	0.22773	387	387	0 ANNUAL	TMA	5	
TMA	421428	5415793	0.2169	388	388	0 ANNUAL	TMA	5	
TMA	421428	5415893	0.20774	388	388	0 ANNUAL	TMA	5	
TMA	421428	5415993	0.19822	389.03	389.03	0 ANNUAL	TMA	5	
TMA	421428	5416093	0.18617	393.04	398	0 ANNUAL	TMA	5	
TMA	421428	5416193	0.16955	400.18	400.18	0 ANNUAL	TMA	5	
TMA	421528	5415293	0.29042	382	382	0 ANNUAL	TMA	5	
TMA	421528	5415393	0.27507	382.29	382.29	0 ANNUAL	TMA	5	
TMA	421528	5415493	0.25987	384	384	0 ANNUAL	TMA	5	
TMA	421528	5415593	0.24653	385	385	0 ANNUAL	TMA	5	
TMA	421528	5415693	0.23425	386	386	0 ANNUAL	TMA	5	
TMA	421528	5415793	0.22304	386.78	386.78	0 ANNUAL	TMA	5	
TMA	421528	5415893	0.2123	387.87	387.87	0 ANNUAL	TMA	5	
TMA	421528	5415993	0.20221	389	389	0 ANNUAL	TMA	5	
TMA	421528	5416093	0.19332	389.51	389.51	0 ANNUAL	TMA	5	
TMA	421528	5416193	0.18152	393.54	394	0 ANNUAL	TMA	5	
TMA	421628	5415293	0.29864	382	382	0 ANNUAL	TMA	5	
TMA	421628	5415393	0.28259	382.15	382.15	0 ANNUAL	TMA	5	
TMA	421628	5415493	0.26744	383	383	0 ANNUAL	TMA	5	
TMA	421628	5415593	0.25345	384	384	0 ANNUAL	TMA	5	
TMA	421628	5415693	0.24062	384.9	384.9	0 ANNUAL	TMA	5	
TMA	421628	5415793	0.22852	386	386	0 ANNUAL	TMA	5	
TMA	421628	5415893	0.21733	387	387	0 ANNUAL	TMA	5	
TMA	421628	5415993	0.20597	389	389	0 ANNUAL	TMA	5	
TMA	421628	5416093	0.19567	390.57	390.57	0 ANNUAL	TMA	5	
TMA	421628	5416193	0.18584	392.28	392.28	0 ANNUAL	TMA	5	
TMA	421728	5415293	0.30557	383	383	0 ANNUAL	TMA	5	
TMA	421728	5415393	0.28899	383	383	0 ANNUAL	TMA	5	
TMA	421728	5415493	0.27297	384	384	0 ANNUAL	TMA	5	
TMA	421728	5415593	0.25827	385	385	0 ANNUAL	TMA	5	
TMA	421728	5415693	0.24562	385	385	0 ANNUAL	TMA	5	
TMA	421728	5415793	0.23364	385.27	385.27	0 ANNUAL	TMA	5	
TMA	421728	5415893	0.22131	387	387	0 ANNUAL	TMA	5	
TMA	421728	5415993	0.21042	388	388	0 ANNUAL	TMA	5	
TMA	421728	5416093	0.20025	389	389	0 ANNUAL	TMA	5	
TMA	421728	5416193	0.19073	390	390	0 ANNUAL	TMA	5	
TMA	421828	5415293	0.31201	384	384	0 ANNUAL	TMA	5	
TMA	421828	5415393	0.29388	384.74	384.74	0 ANNUAL	TMA	5	
TMA	421828	5415493	0.27673	386	386	0 ANNUAL	TMA	5	
TMA	421828	5415593	0.26209	386.33	386.33	0 ANNUAL	TMA	5	
TMA	421828	5415693	0.2493	386	386	0 ANNUAL	TMA	5	
TMA	421828	5415793	0.23711	386	386	0 ANNUAL	TMA	5	
TMA	421828	5415893	0.2249	387	387	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421828	5415993	0.21355	388	388	0 ANNUAL	TMA	5	
TMA	421828	5416093	0.20295	389	389	0 ANNUAL	TMA	5	
TMA	421828	5416193	0.19304	390	390	0 ANNUAL	TMA	5	
TMA	421928	5415293	0.31792	385	385	0 ANNUAL	TMA	5	
TMA	421928	5415393	0.29994	385	385	0 ANNUAL	TMA	5	
TMA	421928	5415493	0.27956	387.85	387.85	0 ANNUAL	TMA	5	
TMA	421928	5415593	0.26198	389.73	389.73	0 ANNUAL	TMA	5	
TMA	421928	5415693	0.25057	388.41	388.41	0 ANNUAL	TMA	5	
TMA	421928	5415793	0.23997	386.75	386.75	0 ANNUAL	TMA	5	
TMA	421928	5415893	0.228	387	387	0 ANNUAL	TMA	5	
TMA	421928	5415993	0.21618	388	388	0 ANNUAL	TMA	5	
TMA	421928	5416093	0.2052	389	389	0 ANNUAL	TMA	5	
TMA	421928	5416193	0.195	390	390	0 ANNUAL	TMA	5	
TMA	422028	5415293	0.3214	387	387	0 ANNUAL	TMA	5	
TMA	422028	5415393	0.30444	386	386	0 ANNUAL	TMA	5	
TMA	422028	5415493	0.28444	387.91	387.91	0 ANNUAL	TMA	5	
TMA	422028	5415593	0.26569	390	390	0 ANNUAL	TMA	5	
TMA	422028	5415693	0.25184	390	390	0 ANNUAL	TMA	5	
TMA	422028	5415793	0.24121	388.35	388.35	0 ANNUAL	TMA	5	
TMA	422028	5415893	0.22953	388	388	0 ANNUAL	TMA	5	
TMA	422028	5415993	0.21831	388.03	388.03	0 ANNUAL	TMA	5	
TMA	422028	5416093	0.20707	389	389	0 ANNUAL	TMA	5	
TMA	422028	5416193	0.19668	390	390	0 ANNUAL	TMA	5	
TMA	422128	5415293	0.32339	389	389	0 ANNUAL	TMA	5	
TMA	422128	5415393	0.3064	388	388	0 ANNUAL	TMA	5	
TMA	422128	5415493	0.29044	387	387	0 ANNUAL	TMA	5	
TMA	422128	5415593	0.27111	389.01	389.01	0 ANNUAL	TMA	5	
TMA	422128	5415693	0.25493	390	390	0 ANNUAL	TMA	5	
TMA	422128	5415793	0.24296	389	389	0 ANNUAL	TMA	5	
TMA	422128	5415893	0.23082	388.77	388.77	0 ANNUAL	TMA	5	
TMA	422128	5415993	0.21855	389.55	389.55	0 ANNUAL	TMA	5	
TMA	422128	5416093	0.20767	390	390	0 ANNUAL	TMA	5	
TMA	422128	5416193	0.19702	391.08	391.08	0 ANNUAL	TMA	5	
TMA	422228	5415293	0.32637	390	390	0 ANNUAL	TMA	5	
TMA	422228	5415393	0.30906	389	389	0 ANNUAL	TMA	5	
TMA	422228	5415493	0.29276	388	388	0 ANNUAL	TMA	5	
TMA	422228	5415593	0.27542	388.35	388.35	0 ANNUAL	TMA	5	
TMA	422228	5415693	0.25916	389	389	0 ANNUAL	TMA	5	
TMA	422228	5415793	0.24525	389	389	0 ANNUAL	TMA	5	
TMA	422228	5415893	0.23254	389	389	0 ANNUAL	TMA	5	
TMA	422228	5415993	0.21974	390	390	0 ANNUAL	TMA	5	
TMA	422228	5416093	0.20802	391	391	0 ANNUAL	TMA	5	
TMA	422228	5416193	0.19608	392.98	392.98	0 ANNUAL	TMA	5	
TMA	422328	5415293	0.33097	390	390	0 ANNUAL	TMA	5	
TMA	422328	5415393	0.31063	390	390	0 ANNUAL	TMA	5	
TMA	422328	5415493	0.29381	389.15	389.15	0 ANNUAL	TMA	5	
TMA	422328	5415593	0.27702	389	389	0 ANNUAL	TMA	5	
TMA	422328	5415693	0.26148	389	389	0 ANNUAL	TMA	5	
TMA	422328	5415793	0.24605	389.89	389.89	0 ANNUAL	TMA	5	
TMA	422328	5415893	0.23308	390	390	0 ANNUAL	TMA	5	
TMA	422328	5415993	0.22131	390	390	0 ANNUAL	TMA	5	
TMA	422328	5416093	0.20932	391	391	0 ANNUAL	TMA	5	
TMA	422328	5416193	0.19667	393.31	393.31	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	422428	5415293	0.33702	389.06	389.06	0 ANNUAL	TMA	5	
TMA	422428	5415393	0.31355	390	390	0 ANNUAL	TMA	5	
TMA	422428	5415493	0.29457	390	390	0 ANNUAL	TMA	5	
TMA	422428	5415593	0.27543	391	391	0 ANNUAL	TMA	5	
TMA	422428	5415693	0.2618	390	390	0 ANNUAL	TMA	5	
TMA	422428	5415793	0.24682	390.49	390.49	0 ANNUAL	TMA	5	
TMA	422428	5415893	0.23312	391	391	0 ANNUAL	TMA	5	
TMA	422428	5415993	0.22125	391	391	0 ANNUAL	TMA	5	
TMA	422428	5416093	0.20904	392	392	0 ANNUAL	TMA	5	
TMA	422428	5416193	0.19649	394	394	0 ANNUAL	TMA	5	
TMA	422528	5415293	0.33694	390	390	0 ANNUAL	TMA	5	
TMA	422528	5415393	0.31236	391.3	391.3	0 ANNUAL	TMA	5	
TMA	422528	5415493	0.2892	393.05	393.05	0 ANNUAL	TMA	5	
TMA	422528	5415593	0.2699	394.16	394.16	0 ANNUAL	TMA	5	
TMA	422528	5415693	0.25522	394.07	394.07	0 ANNUAL	TMA	5	
TMA	422528	5415793	0.24173	393.98	393.98	0 ANNUAL	TMA	5	
TMA	422528	5415893	0.23086	393	393	0 ANNUAL	TMA	5	
TMA	422528	5415993	0.2206	392	392	0 ANNUAL	TMA	5	
TMA	422528	5416093	0.20963	392	392	0 ANNUAL	TMA	5	
TMA	422528	5416193	0.19773	393.43	393.43	0 ANNUAL	TMA	5	
TMA	422628	5415293	0.33829	390	390	0 ANNUAL	TMA	5	
TMA	422628	5415393	0.30889	392.95	392.95	0 ANNUAL	TMA	5	
TMA	422628	5415493	0.28216	395.85	395.85	0 ANNUAL	TMA	5	
TMA	422628	5415593	0.2609	397.7	397.7	0 ANNUAL	TMA	5	
TMA	422628	5415693	0.2471	397.61	397.61	0 ANNUAL	TMA	5	
TMA	422628	5415793	0.23676	396.52	396.52	0 ANNUAL	TMA	5	
TMA	422628	5415893	0.22727	395.2	395.2	0 ANNUAL	TMA	5	
TMA	422628	5415993	0.21787	394	394	0 ANNUAL	TMA	5	
TMA	422628	5416093	0.2086	393	393	0 ANNUAL	TMA	5	
TMA	422628	5416193	0.19783	393.57	393.57	0 ANNUAL	TMA	5	
TMA	422728	5415293	0.33339	391.69	391.69	0 ANNUAL	TMA	5	
TMA	422728	5415393	0.30565	394.01	394.01	0 ANNUAL	TMA	5	
TMA	422728	5415493	0.27732	397.33	397.33	0 ANNUAL	TMA	5	
TMA	422728	5415593	0.2535	400	400	0 ANNUAL	TMA	5	
TMA	422728	5415693	0.24023	400	400	0 ANNUAL	TMA	5	
TMA	422728	5415793	0.23133	398.74	398.74	0 ANNUAL	TMA	5	
TMA	422728	5415893	0.22365	397	397	0 ANNUAL	TMA	5	
TMA	422728	5415993	0.21614	395.08	395.08	0 ANNUAL	TMA	5	
TMA	422728	5416093	0.20725	394	394	0 ANNUAL	TMA	5	
TMA	422728	5416193	0.19733	394	394	0 ANNUAL	TMA	5	
TMA	422828	5415293	0.32862	392.75	392.75	0 ANNUAL	TMA	5	
TMA	422828	5415393	0.30124	395	395	0 ANNUAL	TMA	5	
TMA	422828	5415493	0.27742	397	397	0 ANNUAL	TMA	5	
TMA	422828	5415593	0.25689	398.71	398.71	0 ANNUAL	TMA	5	
TMA	422828	5415693	0.24257	399	399	0 ANNUAL	TMA	5	
TMA	422828	5415793	0.23023	399	399	0 ANNUAL	TMA	5	
TMA	422828	5415893	0.22073	398.18	398.18	0 ANNUAL	TMA	5	
TMA	422828	5415993	0.21236	397	397	0 ANNUAL	TMA	5	
TMA	422828	5416093	0.20391	396	396	0 ANNUAL	TMA	5	
TMA	422828	5416193	0.19579	395	395	0 ANNUAL	TMA	5	
TMA	422928	5415293	0.32349	393.5	393.5	0 ANNUAL	TMA	5	
TMA	422928	5415393	0.29867	395.13	395.13	0 ANNUAL	TMA	5	
TMA	422928	5415493	0.2757	397	397	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	422928	5415593	0.25531	398.77	398.77	0 ANNUAL	TMA	5	
TMA	422928	5415693	0.24141	399	399	0 ANNUAL	TMA	5	
TMA	422928	5415793	0.22926	399	399	0 ANNUAL	TMA	5	
TMA	422928	5415893	0.21802	399	399	0 ANNUAL	TMA	5	
TMA	422928	5415993	0.2097	398	398	0 ANNUAL	TMA	5	
TMA	422928	5416093	0.20164	397	397	0 ANNUAL	TMA	5	
TMA	422928	5416193	0.19387	396	396	0 ANNUAL	TMA	5	
TMA	423028	5415293	0.31855	393.89	393.89	0 ANNUAL	TMA	5	
TMA	423028	5415393	0.29612	395	395	0 ANNUAL	TMA	5	
TMA	423028	5415493	0.27477	396.51	396.51	0 ANNUAL	TMA	5	
TMA	423028	5415593	0.25606	397.84	397.84	0 ANNUAL	TMA	5	
TMA	423028	5415693	0.2396	399	399	0 ANNUAL	TMA	5	
TMA	423028	5415793	0.22649	399.46	399.46	0 ANNUAL	TMA	5	
TMA	423028	5415893	0.21499	399.7	399.7	0 ANNUAL	TMA	5	
TMA	423028	5415993	0.20644	399	399	0 ANNUAL	TMA	5	
TMA	423028	5416093	0.19885	398	398	0 ANNUAL	TMA	5	
TMA	423028	5416193	0.18984	398	398	0 ANNUAL	TMA	5	
TMA	423128	5415293	0.31022	394.93	394.93	0 ANNUAL	TMA	5	
TMA	423128	5415393	0.28886	396	396	0 ANNUAL	TMA	5	
TMA	423128	5415493	0.26892	397.3	397.3	0 ANNUAL	TMA	5	
TMA	423128	5415593	0.2514	398.44	398.44	0 ANNUAL	TMA	5	
TMA	423128	5415693	0.23715	399	399	0 ANNUAL	TMA	5	
TMA	423128	5415793	0.22297	400	400	0 ANNUAL	TMA	5	
TMA	423128	5415893	0.21247	400	400	0 ANNUAL	TMA	5	
TMA	423128	5415993	0.20486	399	399	0 ANNUAL	TMA	5	
TMA	423128	5416093	0.19559	399	399	0 ANNUAL	TMA	5	
TMA	423128	5416193	0.18695	399	399	0 ANNUAL	TMA	5	
TMA	423228	5415293	0.30438	395	395	0 ANNUAL	TMA	5	
TMA	423228	5415393	0.28066	397	397	0 ANNUAL	TMA	5	
TMA	423228	5415493	0.26041	398.66	398.66	0 ANNUAL	TMA	5	
TMA	423228	5415593	0.24311	400	400	0 ANNUAL	TMA	5	
TMA	423228	5415693	0.23132	400	400	0 ANNUAL	TMA	5	
TMA	423228	5415793	0.22038	400	400	0 ANNUAL	TMA	5	
TMA	423228	5415893	0.21255	399	399	0 ANNUAL	TMA	5	
TMA	423228	5415993	0.20287	399	399	0 ANNUAL	TMA	5	
TMA	423228	5416093	0.19385	399	399	0 ANNUAL	TMA	5	
TMA	423228	5416193	0.18363	400	400	0 ANNUAL	TMA	5	
TMA	423328	5415293	0.29419	396.05	396.05	0 ANNUAL	TMA	5	
TMA	423328	5415393	0.27173	398	398	0 ANNUAL	TMA	5	
TMA	423328	5415493	0.25464	399	399	0 ANNUAL	TMA	5	
TMA	423328	5415593	0.23912	400	400	0 ANNUAL	TMA	5	
TMA	423328	5415693	0.22783	400	400	0 ANNUAL	TMA	5	
TMA	423328	5415793	0.21731	400	400	0 ANNUAL	TMA	5	
TMA	423328	5415893	0.2098	399	399	0 ANNUAL	TMA	5	
TMA	423328	5415993	0.20246	398	398	0 ANNUAL	TMA	5	
TMA	423328	5416093	0.19356	398	398	0 ANNUAL	TMA	5	
TMA	423328	5416193	0.18353	399.01	399.01	0 ANNUAL	TMA	5	
TMA	423428	5415293	0.28364	397	397	0 ANNUAL	TMA	5	
TMA	423428	5415393	0.26419	398.43	398.43	0 ANNUAL	TMA	5	
TMA	423428	5415493	0.24942	399	399	0 ANNUAL	TMA	5	
TMA	423428	5415593	0.23504	399.86	399.86	0 ANNUAL	TMA	5	
TMA	423428	5415693	0.22656	399	399	0 ANNUAL	TMA	5	
TMA	423428	5415793	0.21857	398.03	398.03	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	423428	5415893	0.21087	397	397	0 ANNUAL	TMA	5	
TMA	423428	5415993	0.20329	396	396	0 ANNUAL	TMA	5	
TMA	423428	5416093	0.19505	395.59	395.59	0 ANNUAL	TMA	5	
TMA	423428	5416193	0.18609	396	396	0 ANNUAL	TMA	5	
TMA	423528	5415293	0.27604	397	397	0 ANNUAL	TMA	5	
TMA	423528	5415393	0.25913	398	398	0 ANNUAL	TMA	5	
TMA	423528	5415493	0.24373	399	399	0 ANNUAL	TMA	5	
TMA	423528	5415593	0.23254	399	399	0 ANNUAL	TMA	5	
TMA	423528	5415693	0.22389	398.3	398.3	0 ANNUAL	TMA	5	
TMA	423528	5415793	0.21684	397	397	0 ANNUAL	TMA	5	
TMA	423528	5415893	0.20933	395.93	395.93	0 ANNUAL	TMA	5	
TMA	423528	5415993	0.20259	394.45	394.45	0 ANNUAL	TMA	5	
TMA	423528	5416093	0.19548	393.24	393.24	0 ANNUAL	TMA	5	
TMA	423528	5416193	0.18754	392.91	392.91	0 ANNUAL	TMA	5	
TMA	423628	5415293	0.26079	399	399	0 ANNUAL	TMA	5	
TMA	423628	5415393	0.24884	399	399	0 ANNUAL	TMA	5	
TMA	423628	5415493	0.23692	399.23	399.23	0 ANNUAL	TMA	5	
TMA	423628	5415593	0.22673	399.14	399.14	0 ANNUAL	TMA	5	
TMA	423628	5415693	0.21842	398.54	398.54	0 ANNUAL	TMA	5	
TMA	423628	5415793	0.21204	397.18	397.18	0 ANNUAL	TMA	5	
TMA	423628	5415893	0.20545	395.87	395.87	0 ANNUAL	TMA	5	
TMA	423628	5415993	0.19966	394	394	0 ANNUAL	TMA	5	
TMA	423628	5416093	0.19347	392.23	392.23	0 ANNUAL	TMA	5	
TMA	423628	5416193	0.18666	391	391	0 ANNUAL	TMA	5	
TMA	423728	5415293	0.2488	400	400	0 ANNUAL	TMA	5	
TMA	423728	5415393	0.23819	400	400	0 ANNUAL	TMA	5	
TMA	423728	5415493	0.22812	400	400	0 ANNUAL	TMA	5	
TMA	423728	5415593	0.21859	400	400	0 ANNUAL	TMA	5	
TMA	423728	5415693	0.21208	399	399	0 ANNUAL	TMA	5	
TMA	423728	5415793	0.20558	398	398	0 ANNUAL	TMA	5	
TMA	423728	5415893	0.20092	396	396	0 ANNUAL	TMA	5	
TMA	423728	5415993	0.19548	394.18	394.18	0 ANNUAL	TMA	5	
TMA	423728	5416093	0.18899	393	393	0 ANNUAL	TMA	5	
TMA	423728	5416193	0.18256	391.86	391.86	0 ANNUAL	TMA	5	
TMA	423828	5415293	0.24016	400	400	0 ANNUAL	TMA	5	
TMA	423828	5415393	0.23053	400	400	0 ANNUAL	TMA	5	
TMA	423828	5415493	0.22133	400	400	0 ANNUAL	TMA	5	
TMA	423828	5415593	0.21253	400	400	0 ANNUAL	TMA	5	
TMA	423828	5415693	0.20681	398.89	398.89	0 ANNUAL	TMA	5	
TMA	423828	5415793	0.20242	397.07	397.07	0 ANNUAL	TMA	5	
TMA	423828	5415893	0.19631	396	396	0 ANNUAL	TMA	5	
TMA	423828	5415993	0.19092	394.43	394.43	0 ANNUAL	TMA	5	
TMA	423828	5416093	0.18506	393.11	393.11	0 ANNUAL	TMA	5	
TMA	423828	5416193	0.17898	392	392	0 ANNUAL	TMA	5	
TMA	423928	5415293	0.23131	400	400	0 ANNUAL	TMA	5	
TMA	423928	5415393	0.22257	400	400	0 ANNUAL	TMA	5	
TMA	423928	5415493	0.21423	400	400	0 ANNUAL	TMA	5	
TMA	423928	5415593	0.20868	399	399	0 ANNUAL	TMA	5	
TMA	423928	5415693	0.204	397.51	397.51	0 ANNUAL	TMA	5	
TMA	423928	5415793	0.19901	396	396	0 ANNUAL	TMA	5	
TMA	423928	5415893	0.193	395	395	0 ANNUAL	TMA	5	
TMA	423928	5415993	0.18703	394	394	0 ANNUAL	TMA	5	
TMA	423928	5416093	0.18153	392.65	392.65	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	423928	5416193	0.17634	390.93	390.93	0 ANNUAL	TMA	5	
TMA	424028	5415293	0.22243	400	400	0 ANNUAL	TMA	5	
TMA	424028	5415393	0.21445	400	400	0 ANNUAL	TMA	5	
TMA	424028	5415493	0.20688	400	400	0 ANNUAL	TMA	5	
TMA	424028	5415593	0.1996	400	400	0 ANNUAL	TMA	5	
TMA	424028	5415693	0.1959	398.46	398.46	0 ANNUAL	TMA	5	
TMA	424028	5415793	0.19373	395.78	395.78	0 ANNUAL	TMA	5	
TMA	424028	5415893	0.19062	393	393	0 ANNUAL	TMA	5	
TMA	424028	5415993	0.18355	393	393	0 ANNUAL	TMA	5	
TMA	424028	5416093	0.17883	391.09	391.09	0 ANNUAL	TMA	5	
TMA	424028	5416193	0.17348	389.68	389.68	0 ANNUAL	TMA	5	
TMA	424128	5415293	0.21372	400	400	0 ANNUAL	TMA	5	
TMA	424128	5415393	0.20639	400	400	0 ANNUAL	TMA	5	
TMA	424128	5415493	0.19695	401	401	0 ANNUAL	TMA	5	
TMA	424128	5415593	0.19054	401	401	0 ANNUAL	TMA	5	
TMA	424128	5415693	0.18816	399.21	399.21	0 ANNUAL	TMA	5	
TMA	424128	5415793	0.1908	393.89	393.89	0 ANNUAL	TMA	5	
TMA	424128	5415893	0.18858	390	390	0 ANNUAL	TMA	5	
TMA	424128	5415993	0.18176	390	390	0 ANNUAL	TMA	5	
TMA	424128	5416093	0.1744	390.97	390.97	0 ANNUAL	TMA	5	
TMA	424128	5416193	0.16996	388.86	388.86	0 ANNUAL	TMA	5	
TMA	423228	5415193	0.32834	393.68	393.68	0 ANNUAL	TMA	5	
TMA	423228	5415093	0.35684	392	392	0 ANNUAL	TMA	5	
TMA	423328	5415193	0.31958	394	394	0 ANNUAL	TMA	5	
TMA	423328	5415093	0.34784	391.99	391.99	0 ANNUAL	TMA	5	
TMA	423428	5415193	0.30741	395	395	0 ANNUAL	TMA	5	
TMA	423428	5415093	0.32983	394	394	0 ANNUAL	TMA	5	
TMA	423528	5415193	0.29459	396	396	0 ANNUAL	TMA	5	
TMA	423528	5415093	0.31501	395	395	0 ANNUAL	TMA	5	
TMA	423628	5415193	0.2776	397.96	397.96	0 ANNUAL	TMA	5	
TMA	423628	5415093	0.29978	396	396	0 ANNUAL	TMA	5	
TMA	423728	5415193	0.26399	398.97	398.97	0 ANNUAL	TMA	5	
TMA	423728	5415093	0.28436	397	397	0 ANNUAL	TMA	5	
TMA	423828	5415193	0.25615	398.4	398.4	0 ANNUAL	TMA	5	
TMA	423828	5415093	0.27285	397	397	0 ANNUAL	TMA	5	
TMA	423928	5415193	0.24404	399	399	0 ANNUAL	TMA	5	
TMA	423928	5415093	0.25868	397.77	397.77	0 ANNUAL	TMA	5	
TMA	424028	5415193	0.23092	400	400	0 ANNUAL	TMA	5	
TMA	424028	5415093	0.24348	398.97	398.97	0 ANNUAL	TMA	5	
TMA	424028	5414993	0.25874	397.46	397.46	0 ANNUAL	TMA	5	
TMA	424028	5414893	0.27507	396	396	0 ANNUAL	TMA	5	
TMA	424028	5414793	0.28237	397.12	397.12	0 ANNUAL	TMA	5	
TMA	424028	5414693	0.28362	399.44	399.44	0 ANNUAL	TMA	5	
TMA	424128	5415193	0.22143	400	400	0 ANNUAL	TMA	5	
TMA	424128	5415093	0.2328	399	399	0 ANNUAL	TMA	5	
TMA	424128	5414993	0.24504	398	398	0 ANNUAL	TMA	5	
TMA	424128	5414893	0.25766	397.14	397.14	0 ANNUAL	TMA	5	
TMA	424128	5414793	0.26454	398	398	0 ANNUAL	TMA	5	
TMA	424128	5414693	0.26915	399.38	399.38	0 ANNUAL	TMA	5	
TMA	420028	5413493	0.26835	379	379	0 ANNUAL	TMA	5	
TMA	420028	5413593	0.26078	379	379	0 ANNUAL	TMA	5	
TMA	420028	5413693	0.25339	379	379	0 ANNUAL	TMA	5	
TMA	420028	5413793	0.24619	379	379	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420028	5413893	0.2392	379.08	379.08	0 ANNUAL	TMA	5	
TMA	420028	5413993	0.2326	379	379	0 ANNUAL	TMA	5	
TMA	420028	5414093	0.22625	379	379	0 ANNUAL	TMA	5	
TMA	420028	5414193	0.2207	377.89	377.89	0 ANNUAL	TMA	5	
TMA	420028	5414293	0.2155	376	376	0 ANNUAL	TMA	5	
TMA	420028	5414393	0.21038	373.92	373.92	0 ANNUAL	TMA	5	
TMA	420028	5414493	0.205	372.25	372.25	0 ANNUAL	TMA	5	
TMA	420028	5414593	0.19961	373	373	0 ANNUAL	TMA	5	
TMA	420028	5414693	0.19411	375.1	375.1	0 ANNUAL	TMA	5	
TMA	420028	5414793	0.1889	375.76	375.76	0 ANNUAL	TMA	5	
TMA	420028	5414893	0.1839	375.64	375.64	0 ANNUAL	TMA	5	
TMA	420028	5414993	0.17849	378.09	378.09	0 ANNUAL	TMA	5	
TMA	420028	5415093	0.17303	380.44	380.44	0 ANNUAL	TMA	5	
TMA	420028	5415193	0.16843	380.23	380.23	0 ANNUAL	TMA	5	
TMA	420028	5415293	0.16396	380	380	0 ANNUAL	TMA	5	
TMA	420028	5415393	0.15954	380	380	0 ANNUAL	TMA	5	
TMA	420028	5415493	0.15526	379.87	379.87	0 ANNUAL	TMA	5	
TMA	420028	5415593	0.15101	380	380	0 ANNUAL	TMA	5	
TMA	420028	5415693	0.14668	381	381	0 ANNUAL	TMA	5	
TMA	420028	5415793	0.14246	382	382	0 ANNUAL	TMA	5	
TMA	420028	5415893	0.13864	382	382	0 ANNUAL	TMA	5	
TMA	420028	5415993	0.13492	382	382	0 ANNUAL	TMA	5	
TMA	420028	5416093	0.1315	381	381	0 ANNUAL	TMA	5	
TMA	420028	5416193	0.1281	380.09	380.09	0 ANNUAL	TMA	5	
TMA	419928	5413493	0.24328	377.92	377.92	0 ANNUAL	TMA	5	
TMA	419928	5413593	0.23761	377.82	377.82	0 ANNUAL	TMA	5	
TMA	419928	5413693	0.23201	377.73	377.73	0 ANNUAL	TMA	5	
TMA	419928	5413793	0.22649	377.63	377.63	0 ANNUAL	TMA	5	
TMA	419928	5413893	0.22132	377	377	0 ANNUAL	TMA	5	
TMA	419928	5413993	0.216	377	377	0 ANNUAL	TMA	5	
TMA	419928	5414093	0.21119	376	376	0 ANNUAL	TMA	5	
TMA	419928	5414193	0.20646	375	375	0 ANNUAL	TMA	5	
TMA	419928	5414293	0.20199	373.32	373.32	0 ANNUAL	TMA	5	
TMA	419928	5414393	0.19734	372.06	372.06	0 ANNUAL	TMA	5	
TMA	419928	5414493	0.19273	372	372	0 ANNUAL	TMA	5	
TMA	419928	5414593	0.18797	374.56	374.56	0 ANNUAL	TMA	5	
TMA	419928	5414693	0.18262	379.09	379.09	0 ANNUAL	TMA	5	
TMA	419928	5414793	0.17803	380	380	0 ANNUAL	TMA	5	
TMA	419928	5414893	0.17374	380	380	0 ANNUAL	TMA	5	
TMA	419928	5414993	0.16947	380	380	0 ANNUAL	TMA	5	
TMA	419928	5415093	0.16516	380.27	380.27	0 ANNUAL	TMA	5	
TMA	419928	5415193	0.16106	380	380	0 ANNUAL	TMA	5	
TMA	419928	5415293	0.15717	379.23	379.23	0 ANNUAL	TMA	5	
TMA	419928	5415393	0.15322	379	379	0 ANNUAL	TMA	5	
TMA	419928	5415493	0.1493	379	379	0 ANNUAL	TMA	5	
TMA	419928	5415593	0.14525	380	380	0 ANNUAL	TMA	5	
TMA	419928	5415693	0.14104	382	382	0 ANNUAL	TMA	5	
TMA	419928	5415793	0.13685	384	384	0 ANNUAL	TMA	5	
TMA	419928	5415893	0.13324	384.34	384.34	0 ANNUAL	TMA	5	
TMA	419928	5415993	0.13013	383.34	383.34	0 ANNUAL	TMA	5	
TMA	419928	5416093	0.12721	381.47	381.47	0 ANNUAL	TMA	5	
TMA	419928	5416193	0.12417	380	380	0 ANNUAL	TMA	5	
TMA	419828	5413493	0.22177	376	376	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	419828	5413593	0.21745	376	376	0 ANNUAL	TMA	5	
TMA	419828	5413693	0.21337	375.18	375.18	0 ANNUAL	TMA	5	
TMA	419828	5413793	0.20903	375.07	375.07	0 ANNUAL	TMA	5	
TMA	419828	5413893	0.20473	375	375	0 ANNUAL	TMA	5	
TMA	419828	5413993	0.20096	374	374	0 ANNUAL	TMA	5	
TMA	419828	5414093	0.19685	373	373	0 ANNUAL	TMA	5	
TMA	419828	5414193	0.19278	372.71	372.71	0 ANNUAL	TMA	5	
TMA	419828	5414293	0.18883	372	372	0 ANNUAL	TMA	5	
TMA	419828	5414393	0.18496	371.52	371.52	0 ANNUAL	TMA	5	
TMA	419828	5414493	0.18111	372	372	0 ANNUAL	TMA	5	
TMA	419828	5414593	0.1771	374.71	374.71	0 ANNUAL	TMA	5	
TMA	419828	5414693	0.173	377.27	377.27	0 ANNUAL	TMA	5	
TMA	419828	5414793	0.16866	380	380	0 ANNUAL	TMA	5	
TMA	419828	5414893	0.16516	379.38	379.38	0 ANNUAL	TMA	5	
TMA	419828	5414993	0.16155	379	379	0 ANNUAL	TMA	5	
TMA	419828	5415093	0.15785	378.96	378.96	0 ANNUAL	TMA	5	
TMA	419828	5415193	0.1542	378.77	378.77	0 ANNUAL	TMA	5	
TMA	419828	5415293	0.15051	378.93	378.93	0 ANNUAL	TMA	5	
TMA	419828	5415393	0.14691	379	379	0 ANNUAL	TMA	5	
TMA	419828	5415493	0.14322	379.79	379.79	0 ANNUAL	TMA	5	
TMA	419828	5415593	0.1397	380	380	0 ANNUAL	TMA	5	
TMA	419828	5415693	0.13554	383.2	383.2	0 ANNUAL	TMA	5	
TMA	419828	5415793	0.13119	386.41	386.41	0 ANNUAL	TMA	5	
TMA	419828	5415893	0.12743	387.89	387.89	0 ANNUAL	TMA	5	
TMA	419828	5415993	0.1247	387	387	0 ANNUAL	TMA	5	
TMA	419828	5416093	0.12266	383.65	390	0 ANNUAL	TMA	5	
TMA	419828	5416193	0.12045	379.04	392	0 ANNUAL	TMA	5	
TMA	419728	5413493	0.2016	377.15	377.15	0 ANNUAL	TMA	5	
TMA	419728	5413593	0.19901	375.65	375.65	0 ANNUAL	TMA	5	
TMA	419728	5413693	0.19647	374	374	0 ANNUAL	TMA	5	
TMA	419728	5413793	0.19317	373	373	0 ANNUAL	TMA	5	
TMA	419728	5413893	0.18977	372.77	372.77	0 ANNUAL	TMA	5	
TMA	419728	5413993	0.18643	372	372	0 ANNUAL	TMA	5	
TMA	419728	5414093	0.18311	371.25	371.25	0 ANNUAL	TMA	5	
TMA	419728	5414193	0.17982	371	371	0 ANNUAL	TMA	5	
TMA	419728	5414293	0.17657	371	371	0 ANNUAL	TMA	5	
TMA	419728	5414393	0.17332	372	372	0 ANNUAL	TMA	5	
TMA	419728	5414493	0.17016	372.11	372.11	0 ANNUAL	TMA	5	
TMA	419728	5414593	0.16699	373	373	0 ANNUAL	TMA	5	
TMA	419728	5414693	0.16368	374.99	374.99	0 ANNUAL	TMA	5	
TMA	419728	5414793	0.16046	376	376	0 ANNUAL	TMA	5	
TMA	419728	5414893	0.15725	376.51	376.51	0 ANNUAL	TMA	5	
TMA	419728	5414993	0.154	377	377	0 ANNUAL	TMA	5	
TMA	419728	5415093	0.15075	377.23	377.23	0 ANNUAL	TMA	5	
TMA	419728	5415193	0.14725	378.9	378.9	0 ANNUAL	TMA	5	
TMA	419728	5415293	0.14382	379.98	379.98	0 ANNUAL	TMA	5	
TMA	419728	5415393	0.14062	380	380	0 ANNUAL	TMA	5	
TMA	419728	5415493	0.13724	381.06	381.06	0 ANNUAL	TMA	5	
TMA	419728	5415593	0.13341	383.84	383.84	0 ANNUAL	TMA	5	
TMA	419728	5415693	0.12952	386.38	386.38	0 ANNUAL	TMA	5	
TMA	419728	5415793	0.12527	389.45	389.45	0 ANNUAL	TMA	5	
TMA	419728	5415893	0.12216	390	390	0 ANNUAL	TMA	5	
TMA	419728	5415993	0.11892	391	391	0 ANNUAL	TMA	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	419728	5416093	0.11575	392	392	0 ANNUAL	TMA	5	
TMA	419728	5416193	0.11358	391	391	0 ANNUAL	TMA	5	
TMA	419628	5413093	0.19203	380	380	0 ANNUAL	TMA	5	
TMA	419628	5413193	0.18999	380	380	0 ANNUAL	TMA	5	
TMA	419628	5413293	0.18779	380	380	0 ANNUAL	TMA	5	
TMA	419628	5413393	0.18548	380	380	0 ANNUAL	TMA	5	
TMA	419628	5413493	0.18371	378.97	378.97	0 ANNUAL	TMA	5	
TMA	419628	5413593	0.18219	377	377	0 ANNUAL	TMA	5	
TMA	419628	5413693	0.18034	375	375	0 ANNUAL	TMA	5	
TMA	419628	5413793	0.17836	372.96	372.96	0 ANNUAL	TMA	5	
TMA	419628	5413893	0.17585	371	371	0 ANNUAL	TMA	5	
TMA	419628	5413993	0.17323	370	370	0 ANNUAL	TMA	5	
TMA	419628	5414093	0.17051	371	371	0 ANNUAL	TMA	5	
TMA	419628	5414193	0.16784	371.12	371.12	0 ANNUAL	TMA	5	
TMA	419628	5414293	0.16516	372	372	0 ANNUAL	TMA	5	
TMA	419628	5414393	0.16253	372.03	372.03	0 ANNUAL	TMA	5	
TMA	419628	5414493	0.15953	375.26	375.26	0 ANNUAL	TMA	5	
TMA	419628	5414593	0.15656	377.75	377.75	0 ANNUAL	TMA	5	
TMA	419628	5414693	0.15438	375.85	375.85	0 ANNUAL	TMA	5	
TMA	419628	5414793	0.1518	375.94	375.94	0 ANNUAL	TMA	5	
TMA	419628	5414893	0.14916	376.04	376.04	0 ANNUAL	TMA	5	
TMA	419628	5414993	0.14634	377.11	377.11	0 ANNUAL	TMA	5	
TMA	419628	5415093	0.1433	379	379	0 ANNUAL	TMA	5	
TMA	419628	5415193	0.14023	380.49	380.49	0 ANNUAL	TMA	5	
TMA	419628	5415293	0.13708	382	382	0 ANNUAL	TMA	5	
TMA	419628	5415393	0.13386	383.57	383.57	0 ANNUAL	TMA	5	
TMA	419628	5415493	0.13055	385.26	385.26	0 ANNUAL	TMA	5	
TMA	419628	5415593	0.12721	386.93	386.93	0 ANNUAL	TMA	5	
TMA	419628	5415693	0.12405	388.07	388.07	0 ANNUAL	TMA	5	
TMA	419628	5415793	0.121	389	389	0 ANNUAL	TMA	5	
TMA	419628	5415893	0.1185	388.71	388.71	0 ANNUAL	TMA	5	
TMA	419628	5415993	0.1154	390	390	0 ANNUAL	TMA	5	
TMA	419628	5416093	0.11248	391	391	0 ANNUAL	TMA	5	
TMA	419628	5416193	0.11005	391	391	0 ANNUAL	TMA	5	
TMA	419528	5413093	0.17567	380	380	0 ANNUAL	TMA	5	
TMA	419528	5413193	0.17399	380	380	0 ANNUAL	TMA	5	
TMA	419528	5413293	0.17217	380	380	0 ANNUAL	TMA	5	
TMA	419528	5413393	0.17031	380	380	0 ANNUAL	TMA	5	
TMA	419528	5413493	0.16848	380	380	0 ANNUAL	TMA	5	
TMA	419528	5413593	0.1674	378.23	378.23	0 ANNUAL	TMA	5	
TMA	419528	5413693	0.16657	374.7	374.7	0 ANNUAL	TMA	5	
TMA	419528	5413793	0.1652	371.02	371.02	0 ANNUAL	TMA	5	
TMA	419528	5413893	0.16323	370	370	0 ANNUAL	TMA	5	
TMA	419528	5413993	0.16114	370.62	370.62	0 ANNUAL	TMA	5	
TMA	419528	5414093	0.15903	371	371	0 ANNUAL	TMA	5	
TMA	419528	5414193	0.15687	372	372	0 ANNUAL	TMA	5	
TMA	419528	5414293	0.15465	373.58	373.58	0 ANNUAL	TMA	5	
TMA	419528	5414393	0.15248	374	374	0 ANNUAL	TMA	5	
TMA	419528	5414493	0.1497	377.2	377.2	0 ANNUAL	TMA	5	
TMA	419528	5414593	0.14697	380	380	0 ANNUAL	TMA	5	
TMA	419528	5414693	0.14504	379.49	379.49	0 ANNUAL	TMA	5	
TMA	419528	5414793	0.14318	378.41	378.41	0 ANNUAL	TMA	5	
TMA	419528	5414893	0.14109	378	378	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	419528	5414993	0.13869	379	379	0 ANNUAL	TMA	5	
TMA	419528	5415093	0.13621	380	380	0 ANNUAL	TMA	5	
TMA	419528	5415193	0.13355	381.42	381.42	0 ANNUAL	TMA	5	
TMA	419528	5415293	0.13055	383.74	383.74	0 ANNUAL	TMA	5	
TMA	419528	5415393	0.1274	386	386	0 ANNUAL	TMA	5	
TMA	419528	5415493	0.12468	386.85	386.85	0 ANNUAL	TMA	5	
TMA	419528	5415593	0.1223	386.76	386.76	0 ANNUAL	TMA	5	
TMA	419528	5415693	0.12023	385.66	385.66	0 ANNUAL	TMA	5	
TMA	419528	5415793	0.11808	384.57	384.57	0 ANNUAL	TMA	5	
TMA	419528	5415893	0.11539	385.47	385.47	0 ANNUAL	TMA	5	
TMA	419528	5415993	0.11224	387.98	387.98	0 ANNUAL	TMA	5	
TMA	419528	5416093	0.10954	389.08	389.08	0 ANNUAL	TMA	5	
TMA	419528	5416193	0.10724	389.19	389.19	0 ANNUAL	TMA	5	
TMA	419428	5413093	0.16234	378	378	0 ANNUAL	TMA	5	
TMA	419428	5413193	0.16055	379	379	0 ANNUAL	TMA	5	
TMA	419428	5413293	0.15903	379	379	0 ANNUAL	TMA	5	
TMA	419428	5413393	0.15711	380	380	0 ANNUAL	TMA	5	
TMA	419428	5413493	0.15566	380	380	0 ANNUAL	TMA	5	
TMA	419428	5413593	0.15469	378.71	378.71	0 ANNUAL	TMA	5	
TMA	419428	5413693	0.15435	374.4	374.4	0 ANNUAL	TMA	5	
TMA	419428	5413793	0.15336	370.08	370.08	0 ANNUAL	TMA	5	
TMA	419428	5413893	0.1518	370	370	0 ANNUAL	TMA	5	
TMA	419428	5413993	0.15016	371	371	0 ANNUAL	TMA	5	
TMA	419428	5414093	0.1485	372	372	0 ANNUAL	TMA	5	
TMA	419428	5414193	0.14679	373.19	373.19	0 ANNUAL	TMA	5	
TMA	419428	5414293	0.14482	374.78	374.78	0 ANNUAL	TMA	5	
TMA	419428	5414393	0.14308	375	375	0 ANNUAL	TMA	5	
TMA	419428	5414493	0.14102	377	377	0 ANNUAL	TMA	5	
TMA	419428	5414593	0.13888	379	379	0 ANNUAL	TMA	5	
TMA	419428	5414693	0.13695	379.79	379.79	0 ANNUAL	TMA	5	
TMA	419428	5414793	0.13536	379	379	0 ANNUAL	TMA	5	
TMA	419428	5414893	0.13353	379.13	379.13	0 ANNUAL	TMA	5	
TMA	419428	5414993	0.1315	380	380	0 ANNUAL	TMA	5	
TMA	419428	5415093	0.12936	381.01	381.01	0 ANNUAL	TMA	5	
TMA	419428	5415193	0.12687	383.15	383.15	0 ANNUAL	TMA	5	
TMA	419428	5415293	0.1243	385	385	0 ANNUAL	TMA	5	
TMA	419428	5415393	0.12223	385	385	0 ANNUAL	TMA	5	
TMA	419428	5415493	0.12046	383.78	383.78	0 ANNUAL	TMA	5	
TMA	419428	5415593	0.11848	383	383	0 ANNUAL	TMA	5	
TMA	419428	5415693	0.11648	382.01	382.01	0 ANNUAL	TMA	5	
TMA	419428	5415793	0.11442	381	381	0 ANNUAL	TMA	5	
TMA	419428	5415893	0.11209	381.54	381.54	0 ANNUAL	TMA	5	
TMA	419428	5415993	0.10926	384.75	384.75	0 ANNUAL	TMA	5	
TMA	419428	5416093	0.10653	387	387	0 ANNUAL	TMA	5	
TMA	419428	5416193	0.10394	388.7	388.7	0 ANNUAL	TMA	5	
TMA	419328	5413093	0.15018	377	377	0 ANNUAL	TMA	5	
TMA	419328	5413193	0.1484	378.95	378.95	0 ANNUAL	TMA	5	
TMA	419328	5413293	0.14677	380	380	0 ANNUAL	TMA	5	
TMA	419328	5413393	0.14515	381	381	0 ANNUAL	TMA	5	
TMA	419328	5413493	0.14438	380	380	0 ANNUAL	TMA	5	
TMA	419328	5413593	0.14425	376.33	376.33	0 ANNUAL	TMA	5	
TMA	419328	5413693	0.14388	372.21	372.21	0 ANNUAL	TMA	5	
TMA	419328	5413793	0.14274	370	370	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	419328	5413893	0.14151	370	370	0 ANNUAL	TMA	5	
TMA	419328	5413993	0.14022	371	371	0 ANNUAL	TMA	5	
TMA	419328	5414093	0.13889	372.81	372.81	0 ANNUAL	TMA	5	
TMA	419328	5414193	0.13755	374	374	0 ANNUAL	TMA	5	
TMA	419328	5414293	0.13597	375.05	375.05	0 ANNUAL	TMA	5	
TMA	419328	5414393	0.13451	376	376	0 ANNUAL	TMA	5	
TMA	419328	5414493	0.13311	376	376	0 ANNUAL	TMA	5	
TMA	419328	5414593	0.13137	378	378	0 ANNUAL	TMA	5	
TMA	419328	5414693	0.12971	379	379	0 ANNUAL	TMA	5	
TMA	419328	5414793	0.12802	380	380	0 ANNUAL	TMA	5	
TMA	419328	5414893	0.12644	380.23	380.23	0 ANNUAL	TMA	5	
TMA	419328	5414993	0.12458	381.51	381.51	0 ANNUAL	TMA	5	
TMA	419328	5415093	0.12259	383	383	0 ANNUAL	TMA	5	
TMA	419328	5415193	0.12065	384	384	0 ANNUAL	TMA	5	
TMA	419328	5415293	0.11893	383.97	383.97	0 ANNUAL	TMA	5	
TMA	419328	5415393	0.11758	382.06	382.06	0 ANNUAL	TMA	5	
TMA	419328	5415493	0.11592	381	381	0 ANNUAL	TMA	5	
TMA	419328	5415593	0.11417	380	380	0 ANNUAL	TMA	5	
TMA	419328	5415693	0.11226	379.62	379.62	0 ANNUAL	TMA	5	
TMA	419328	5415793	0.11027	379.62	379.62	0 ANNUAL	TMA	5	
TMA	419328	5415893	0.10792	382.14	382.14	0 ANNUAL	TMA	5	
TMA	419328	5415993	0.105	386.55	386.55	0 ANNUAL	TMA	5	
TMA	419328	5416093	0.10236	389	389	0 ANNUAL	TMA	5	
TMA	419328	5416193	0.10014	390	390	0 ANNUAL	TMA	5	
TMA	419228	5413093	0.13907	377.57	377.57	0 ANNUAL	TMA	5	
TMA	419228	5413193	0.13765	379	379	0 ANNUAL	TMA	5	
TMA	419228	5413293	0.1363	380	380	0 ANNUAL	TMA	5	
TMA	419228	5413393	0.13531	380	380	0 ANNUAL	TMA	5	
TMA	419228	5413493	0.13514	377.16	377.16	0 ANNUAL	TMA	5	
TMA	419228	5413593	0.1351	372.84	372.84	0 ANNUAL	TMA	5	
TMA	419228	5413693	0.13422	369.96	369.96	0 ANNUAL	TMA	5	
TMA	419228	5413793	0.13325	369	369	0 ANNUAL	TMA	5	
TMA	419228	5413893	0.13227	369	369	0 ANNUAL	TMA	5	
TMA	419228	5413993	0.13124	370.64	370.64	0 ANNUAL	TMA	5	
TMA	419228	5414093	0.13014	373.35	373.35	0 ANNUAL	TMA	5	
TMA	419228	5414193	0.12873	375.59	375.59	0 ANNUAL	TMA	5	
TMA	419228	5414293	0.12767	376.25	376.25	0 ANNUAL	TMA	5	
TMA	419228	5414393	0.12655	377	377	0 ANNUAL	TMA	5	
TMA	419228	5414493	0.12535	377.84	377.84	0 ANNUAL	TMA	5	
TMA	419228	5414593	0.12403	378.96	378.96	0 ANNUAL	TMA	5	
TMA	419228	5414693	0.12265	380	380	0 ANNUAL	TMA	5	
TMA	419228	5414793	0.12121	380.97	380.97	0 ANNUAL	TMA	5	
TMA	419228	5414893	0.1197	382	382	0 ANNUAL	TMA	5	
TMA	419228	5414993	0.11818	382.73	382.73	0 ANNUAL	TMA	5	
TMA	419228	5415093	0.11672	383	383	0 ANNUAL	TMA	5	
TMA	419228	5415193	0.11529	382.88	382.88	0 ANNUAL	TMA	5	
TMA	419228	5415293	0.11403	381.67	381.67	0 ANNUAL	TMA	5	
TMA	419228	5415393	0.11257	381	381	0 ANNUAL	TMA	5	
TMA	419228	5415493	0.11111	380	380	0 ANNUAL	TMA	5	
TMA	419228	5415593	0.10944	380	380	0 ANNUAL	TMA	5	
TMA	419228	5415693	0.10785	379	379	0 ANNUAL	TMA	5	
TMA	419228	5415793	0.10599	380	380	0 ANNUAL	TMA	5	
TMA	419228	5415893	0.10381	382.83	382.83	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	419228	5415993	0.10095	387.77	387.77	0 ANNUAL	TMA	5	
TMA	419228	5416093	0.09884	389.06	389.06	0 ANNUAL	TMA	5	
TMA	419228	5416193	0.09682	390	390	0 ANNUAL	TMA	5	
TMA	419128	5413093	0.12951	377	377	0 ANNUAL	TMA	5	
TMA	419128	5413193	0.12843	377.7	377.7	0 ANNUAL	TMA	5	
TMA	419128	5413293	0.12756	377.75	377.75	0 ANNUAL	TMA	5	
TMA	419128	5413393	0.12702	376.54	376.54	0 ANNUAL	TMA	5	
TMA	419128	5413493	0.12696	373.22	373.22	0 ANNUAL	TMA	5	
TMA	419128	5413593	0.12629	369.9	369.9	0 ANNUAL	TMA	5	
TMA	419128	5413693	0.12551	369	369	0 ANNUAL	TMA	5	
TMA	419128	5413793	0.1247	368.28	368.28	0 ANNUAL	TMA	5	
TMA	419128	5413893	0.12391	370.05	370.05	0 ANNUAL	TMA	5	
TMA	419128	5413993	0.12273	374.28	374.28	0 ANNUAL	TMA	5	
TMA	419128	5414093	0.12142	377.69	377.69	0 ANNUAL	TMA	5	
TMA	419128	5414193	0.12043	379	379	0 ANNUAL	TMA	5	
TMA	419128	5414293	0.11976	378.74	378.74	0 ANNUAL	TMA	5	
TMA	419128	5414393	0.11914	378	378	0 ANNUAL	TMA	5	
TMA	419128	5414493	0.11817	379	379	0 ANNUAL	TMA	5	
TMA	419128	5414593	0.11713	380	380	0 ANNUAL	TMA	5	
TMA	419128	5414693	0.11614	380.34	380.34	0 ANNUAL	TMA	5	
TMA	419128	5414793	0.11504	381	381	0 ANNUAL	TMA	5	
TMA	419128	5414893	0.11394	381.23	381.23	0 ANNUAL	TMA	5	
TMA	419128	5414993	0.11286	381	381	0 ANNUAL	TMA	5	
TMA	419128	5415093	0.11165	381	381	0 ANNUAL	TMA	5	
TMA	419128	5415193	0.11038	381	381	0 ANNUAL	TMA	5	
TMA	419128	5415293	0.10913	380.44	380.44	0 ANNUAL	TMA	5	
TMA	419128	5415393	0.1078	380	380	0 ANNUAL	TMA	5	
TMA	419128	5415493	0.10636	380	380	0 ANNUAL	TMA	5	
TMA	419128	5415593	0.10489	380	380	0 ANNUAL	TMA	5	
TMA	419128	5415693	0.10361	378	378	0 ANNUAL	TMA	5	
TMA	419128	5415793	0.10201	378.43	378.43	0 ANNUAL	TMA	5	
TMA	419128	5415893	0.1001	381.39	381.39	0 ANNUAL	TMA	5	
TMA	419128	5415993	0.09815	383.76	383.76	0 ANNUAL	TMA	5	
TMA	419128	5416093	0.09633	384.98	384.98	0 ANNUAL	TMA	5	
TMA	419128	5416193	0.09489	384	384	0 ANNUAL	TMA	5	
TMA	419128	5416393	0.09201	381.62	391	0 ANNUAL	TMA	5	
TMA	419128	5416593	0.08915	376.62	376.62	0 ANNUAL	TMA	5	
TMA	419128	5416793	0.08597	373.32	373.32	0 ANNUAL	TMA	5	
TMA	419128	5416993	0.08283	370	370	0 ANNUAL	TMA	5	
TMA	419128	5417193	0.07973	370	370	0 ANNUAL	TMA	5	
TMA	419128	5417393	0.07677	372	372	0 ANNUAL	TMA	5	
TMA	419128	5417593	0.07401	373	373	0 ANNUAL	TMA	5	
TMA	419128	5417793	0.07147	371	371	0 ANNUAL	TMA	5	
TMA	419128	5417993	0.06901	366.05	366.05	0 ANNUAL	TMA	5	
TMA	419128	5418193	0.06667	370	370	0 ANNUAL	TMA	5	
TMA	419128	5418393	0.06439	369.68	369.68	0 ANNUAL	TMA	5	
TMA	419128	5418593	0.06209	362.04	362.04	0 ANNUAL	TMA	5	
TMA	419128	5418793	0.05999	363	363	0 ANNUAL	TMA	5	
TMA	419128	5418993	0.05795	363	363	0 ANNUAL	TMA	5	
TMA	419128	5419193	0.05596	362	362	0 ANNUAL	TMA	5	
TMA	419328	5416393	0.09648	389.8	389.8	0 ANNUAL	TMA	5	
TMA	419328	5416593	0.09453	379	379	0 ANNUAL	TMA	5	
TMA	419328	5416793	0.09092	375	375	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	419328	5416993	0.08732	372	372	0 ANNUAL	TMA	5	
TMA	419328	5417193	0.08381	373.69	373.69	0 ANNUAL	TMA	5	
TMA	419328	5417393	0.08045	375.97	375.97	0 ANNUAL	TMA	5	
TMA	419328	5417593	0.07748	375	375	0 ANNUAL	TMA	5	
TMA	419328	5417793	0.07474	370.19	370.19	0 ANNUAL	TMA	5	
TMA	419328	5417993	0.07199	367.5	367.5	0 ANNUAL	TMA	5	
TMA	419328	5418193	0.06936	370	370	0 ANNUAL	TMA	5	
TMA	419328	5418393	0.06684	368.56	368.56	0 ANNUAL	TMA	5	
TMA	419328	5418593	0.06437	364.82	364.82	0 ANNUAL	TMA	5	
TMA	419328	5418793	0.06205	365	365	0 ANNUAL	TMA	5	
TMA	419328	5418993	0.05982	365	365	0 ANNUAL	TMA	5	
TMA	419328	5419193	0.05766	364	364	0 ANNUAL	TMA	5	
TMA	419528	5416393	0.1034	387	387	0 ANNUAL	TMA	5	
TMA	419528	5416593	0.09982	382.03	382.03	0 ANNUAL	TMA	5	
TMA	419528	5416793	0.09563	380	380	0 ANNUAL	TMA	5	
TMA	419528	5416993	0.09185	374.51	374.51	0 ANNUAL	TMA	5	
TMA	419528	5417193	0.0877	379.24	379.24	0 ANNUAL	TMA	5	
TMA	419528	5417393	0.08413	380	380	0 ANNUAL	TMA	5	
TMA	419528	5417593	0.08098	378	378	0 ANNUAL	TMA	5	
TMA	419528	5417793	0.07796	373.78	373.78	0 ANNUAL	TMA	5	
TMA	419528	5417993	0.07498	369.84	369.84	0 ANNUAL	TMA	5	
TMA	419528	5418193	0.07207	370	370	0 ANNUAL	TMA	5	
TMA	419528	5418393	0.06929	370	370	0 ANNUAL	TMA	5	
TMA	419528	5418593	0.06662	366.98	366.98	0 ANNUAL	TMA	5	
TMA	419528	5418793	0.06408	367	367	0 ANNUAL	TMA	5	
TMA	419528	5418993	0.06166	368	368	0 ANNUAL	TMA	5	
TMA	419528	5419193	0.05931	367	367	0 ANNUAL	TMA	5	
TMA	419728	5416393	0.11109	379.91	390	0 ANNUAL	TMA	5	
TMA	419728	5416593	0.10579	380	380	0 ANNUAL	TMA	5	
TMA	419728	5416793	0.1008	380	380	0 ANNUAL	TMA	5	
TMA	419728	5416993	0.09623	380	380	0 ANNUAL	TMA	5	
TMA	419728	5417193	0.09234	376.34	376.34	0 ANNUAL	TMA	5	
TMA	419728	5417393	0.08822	380	380	0 ANNUAL	TMA	5	
TMA	419728	5417593	0.08462	379	379	0 ANNUAL	TMA	5	
TMA	419728	5417793	0.08123	376	376	0 ANNUAL	TMA	5	
TMA	419728	5417993	0.07786	376.16	376.16	0 ANNUAL	TMA	5	
TMA	419728	5418193	0.07474	371.96	371.96	0 ANNUAL	TMA	5	
TMA	419728	5418393	0.07173	370	370	0 ANNUAL	TMA	5	
TMA	419728	5418593	0.06882	370	370	0 ANNUAL	TMA	5	
TMA	419728	5418793	0.06606	369	369	0 ANNUAL	TMA	5	
TMA	419728	5418993	0.0634	370	370	0 ANNUAL	TMA	5	
TMA	419728	5419193	0.06089	369.35	369.35	0 ANNUAL	TMA	5	
TMA	419928	5416393	0.11792	379	379	0 ANNUAL	TMA	5	
TMA	419928	5416593	0.11191	379	379	0 ANNUAL	TMA	5	
TMA	419928	5416793	0.10629	380	380	0 ANNUAL	TMA	5	
TMA	419928	5416993	0.1013	380	380	0 ANNUAL	TMA	5	
TMA	419928	5417193	0.0968	379.01	379.01	0 ANNUAL	TMA	5	
TMA	419928	5417393	0.09215	382.65	382.65	0 ANNUAL	TMA	5	
TMA	419928	5417593	0.08801	383	383	0 ANNUAL	TMA	5	
TMA	419928	5417793	0.08429	381	381	0 ANNUAL	TMA	5	
TMA	419928	5417993	0.08066	380	380	0 ANNUAL	TMA	5	
TMA	419928	5418193	0.07736	375.81	375.81	0 ANNUAL	TMA	5	
TMA	419928	5418393	0.0741	371	371	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	419928	5418593	0.07091	372	372	0 ANNUAL	TMA	5	
TMA	419928	5418793	0.0679	371.94	371.94	0 ANNUAL	TMA	5	
TMA	419928	5418993	0.06501	374	374	0 ANNUAL	TMA	5	
TMA	419928	5419193	0.06234	371.55	371.55	0 ANNUAL	TMA	5	
TMA	420128	5416393	0.12496	379	391	0 ANNUAL	TMA	5	
TMA	420128	5416593	0.11807	380.31	380.31	0 ANNUAL	TMA	5	
TMA	420128	5416793	0.11197	380.79	380.79	0 ANNUAL	TMA	5	
TMA	420128	5416993	0.10636	381.72	381.72	0 ANNUAL	TMA	5	
TMA	420128	5417193	0.10091	384.07	384.07	0 ANNUAL	TMA	5	
TMA	420128	5417393	0.09552	387.27	387.27	0 ANNUAL	TMA	5	
TMA	420128	5417593	0.09041	390	390	0 ANNUAL	TMA	5	
TMA	420128	5417793	0.08621	390	390	0 ANNUAL	TMA	5	
TMA	420128	5417993	0.08243	389.32	389.32	0 ANNUAL	TMA	5	
TMA	420128	5418193	0.07991	376.69	376.69	0 ANNUAL	TMA	5	
TMA	420128	5418393	0.07629	376	376	0 ANNUAL	TMA	5	
TMA	420128	5418593	0.07277	378.22	378.22	0 ANNUAL	TMA	5	
TMA	420128	5418793	0.0695	378	378	0 ANNUAL	TMA	5	
TMA	420128	5418993	0.06654	375	375	0 ANNUAL	TMA	5	
TMA	420128	5419193	0.06381	370.18	370.18	0 ANNUAL	TMA	5	
TMA	420328	5416393	0.12662	394.11	394.11	0 ANNUAL	TMA	5	
TMA	420328	5416593	0.12236	388.83	402	0 ANNUAL	TMA	5	
TMA	420328	5416793	0.11554	390	390	0 ANNUAL	TMA	5	
TMA	420328	5416993	0.11052	387	387	0 ANNUAL	TMA	5	
TMA	420328	5417193	0.10396	390.17	390.17	0 ANNUAL	TMA	5	
TMA	420328	5417393	0.09827	391.55	391.55	0 ANNUAL	TMA	5	
TMA	420328	5417593	0.0908	398.53	398.53	0 ANNUAL	TMA	5	
TMA	420328	5417793	0.08932	389.83	395	0 ANNUAL	TMA	5	
TMA	420328	5417993	0.08616	382.29	382.29	0 ANNUAL	TMA	5	
TMA	420328	5418193	0.08221	379	379	0 ANNUAL	TMA	5	
TMA	420328	5418393	0.07819	380	380	0 ANNUAL	TMA	5	
TMA	420328	5418593	0.07438	381.41	389	0 ANNUAL	TMA	5	
TMA	420328	5418793	0.07108	378.66	378.66	0 ANNUAL	TMA	5	
TMA	420328	5418993	0.0681	374.03	374.03	0 ANNUAL	TMA	5	
TMA	420328	5419193	0.06525	370	370	0 ANNUAL	TMA	5	
TMA	420528	5416393	0.1287	400	400	0 ANNUAL	TMA	5	
TMA	420528	5416593	0.12305	398.52	398.52	0 ANNUAL	TMA	5	
TMA	420528	5416793	0.11934	394.09	394.09	0 ANNUAL	TMA	5	
TMA	420528	5416993	0.1146	390	390	0 ANNUAL	TMA	5	
TMA	420528	5417193	0.10451	398.39	398.39	0 ANNUAL	TMA	5	
TMA	420528	5417393	0.09879	399	399	0 ANNUAL	TMA	5	
TMA	420528	5417593	0.09601	394	394	0 ANNUAL	TMA	5	
TMA	420528	5417793	0.09257	388.71	388.71	0 ANNUAL	TMA	5	
TMA	420528	5417993	0.08855	384.08	384.08	0 ANNUAL	TMA	5	
TMA	420528	5418193	0.08414	382.79	382.79	0 ANNUAL	TMA	5	
TMA	420528	5418393	0.07956	386	386	0 ANNUAL	TMA	5	
TMA	420528	5418593	0.07527	389	389	0 ANNUAL	TMA	5	
TMA	420528	5418793	0.07248	382.54	382.54	0 ANNUAL	TMA	5	
TMA	420528	5418993	0.0695	377.9	377.9	0 ANNUAL	TMA	5	
TMA	420528	5419193	0.0667	370	370	0 ANNUAL	TMA	5	
TMA	420728	5416393	0.13574	399.94	399.94	0 ANNUAL	TMA	5	
TMA	420728	5416593	0.11809	408.61	408.61	0 ANNUAL	TMA	5	
TMA	420728	5416793	0.11705	403.72	407	0 ANNUAL	TMA	5	
TMA	420728	5416993	0.11381	400	400	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420728	5417193	0.10759	400	400	0 ANNUAL	TMA	5	
TMA	420728	5417393	0.10186	400	400	0 ANNUAL	TMA	5	
TMA	420728	5417593	0.09869	395.45	395.45	0 ANNUAL	TMA	5	
TMA	420728	5417793	0.09491	390.59	390.59	0 ANNUAL	TMA	5	
TMA	420728	5417993	0.09068	386.08	386.08	0 ANNUAL	TMA	5	
TMA	420728	5418193	0.08576	386.97	386.97	0 ANNUAL	TMA	5	
TMA	420728	5418393	0.08108	389	389	0 ANNUAL	TMA	5	
TMA	420728	5418593	0.07706	389.52	389.52	0 ANNUAL	TMA	5	
TMA	420728	5418793	0.07375	387.61	387.61	0 ANNUAL	TMA	5	
TMA	420728	5418993	0.07106	379.78	379.78	0 ANNUAL	TMA	5	
TMA	420728	5419193	0.06813	370	370	0 ANNUAL	TMA	5	
TMA	420928	5416393	0.14927	393.03	393.03	0 ANNUAL	TMA	5	
TMA	420928	5416593	0.12751	405.33	411	0 ANNUAL	TMA	5	
TMA	420928	5416793	0.1133	410.89	410.89	0 ANNUAL	TMA	5	
TMA	420928	5416993	0.11831	400	400	0 ANNUAL	TMA	5	
TMA	420928	5417193	0.11292	398	398	0 ANNUAL	TMA	5	
TMA	420928	5417393	0.10584	399	399	0 ANNUAL	TMA	5	
TMA	420928	5417593	0.09872	400.9	400.9	0 ANNUAL	TMA	5	
TMA	420928	5417793	0.09403	399.46	399.46	0 ANNUAL	TMA	5	
TMA	420928	5417993	0.09244	389.18	389.18	0 ANNUAL	TMA	5	
TMA	420928	5418193	0.08775	388.2	388.2	0 ANNUAL	TMA	5	
TMA	420928	5418393	0.08333	388	388	0 ANNUAL	TMA	5	
TMA	420928	5418593	0.07926	388	388	0 ANNUAL	TMA	5	
TMA	420928	5418793	0.07608	382.29	382.29	0 ANNUAL	TMA	5	
TMA	420928	5418993	0.07273	377	377	0 ANNUAL	TMA	5	
TMA	420928	5419193	0.06937	375.98	375.98	0 ANNUAL	TMA	5	
TMA	421128	5416393	0.14941	399.78	399.78	0 ANNUAL	TMA	5	
TMA	421128	5416593	0.14048	399	399	0 ANNUAL	TMA	5	
TMA	421128	5416793	0.13062	400	400	0 ANNUAL	TMA	5	
TMA	421128	5416993	0.12494	396.98	396.98	0 ANNUAL	TMA	5	
TMA	421128	5417193	0.11835	394.98	394.98	0 ANNUAL	TMA	5	
TMA	421128	5417393	0.10997	397	397	0 ANNUAL	TMA	5	
TMA	421128	5417593	0.10218	399.35	399.35	0 ANNUAL	TMA	5	
TMA	421128	5417793	0.0981	395.88	395.88	0 ANNUAL	TMA	5	
TMA	421128	5417993	0.09443	390.72	390.72	0 ANNUAL	TMA	5	
TMA	421128	5418193	0.09002	387.91	387.91	0 ANNUAL	TMA	5	
TMA	421128	5418393	0.08591	384	384	0 ANNUAL	TMA	5	
TMA	421128	5418593	0.08143	385	385	0 ANNUAL	TMA	5	
TMA	421128	5418793	0.07754	383.17	383.17	0 ANNUAL	TMA	5	
TMA	421128	5418993	0.07393	379.7	379.7	0 ANNUAL	TMA	5	
TMA	421128	5419193	0.07034	380	380	0 ANNUAL	TMA	5	
TMA	421328	5416393	0.15513	400	400	0 ANNUAL	TMA	5	
TMA	421328	5416593	0.14465	400	400	0 ANNUAL	TMA	5	
TMA	421328	5416793	0.13785	397	397	0 ANNUAL	TMA	5	
TMA	421328	5416993	0.13071	394	394	0 ANNUAL	TMA	5	
TMA	421328	5417193	0.12355	391.11	391.11	0 ANNUAL	TMA	5	
TMA	421328	5417393	0.11533	392	392	0 ANNUAL	TMA	5	
TMA	421328	5417593	0.10862	391.25	391.25	0 ANNUAL	TMA	5	
TMA	421328	5417793	0.10284	389.44	389.44	0 ANNUAL	TMA	5	
TMA	421328	5417993	0.09779	385.84	385.84	0 ANNUAL	TMA	5	
TMA	421328	5418193	0.09285	381.99	381.99	0 ANNUAL	TMA	5	
TMA	421328	5418393	0.08801	379	379	0 ANNUAL	TMA	5	
TMA	421328	5418593	0.08331	379.18	379.18	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421328	5418793	0.07886	381	381	0 ANNUAL	TMA	5	
TMA	421328	5418993	0.07491	380	380	0 ANNUAL	TMA	5	
TMA	421328	5419193	0.07119	380	380	0 ANNUAL	TMA	5	
TMA	421528	5416393	0.16015	400	400	0 ANNUAL	TMA	5	
TMA	421528	5416593	0.14873	400	400	0 ANNUAL	TMA	5	
TMA	421528	5416793	0.14105	397.27	397.27	0 ANNUAL	TMA	5	
TMA	421528	5416993	0.1338	394	394	0 ANNUAL	TMA	5	
TMA	421528	5417193	0.12695	390	390	0 ANNUAL	TMA	5	
TMA	421528	5417393	0.11952	388	388	0 ANNUAL	TMA	5	
TMA	421528	5417593	0.11258	386.15	386.15	0 ANNUAL	TMA	5	
TMA	421528	5417793	0.10601	385	385	0 ANNUAL	TMA	5	
TMA	421528	5417993	0.10007	382.74	382.74	0 ANNUAL	TMA	5	
TMA	421528	5418193	0.09455	379.83	379.83	0 ANNUAL	TMA	5	
TMA	421528	5418393	0.0894	376.17	376.17	0 ANNUAL	TMA	5	
TMA	421528	5418593	0.08452	376	376	0 ANNUAL	TMA	5	
TMA	421528	5418793	0.07995	378.02	378.02	0 ANNUAL	TMA	5	
TMA	421528	5418993	0.07583	378	378	0 ANNUAL	TMA	5	
TMA	421528	5419193	0.07193	380	380	0 ANNUAL	TMA	5	
TMA	421728	5416393	0.17087	394.58	394.58	0 ANNUAL	TMA	5	
TMA	421728	5416593	0.15417	398	398	0 ANNUAL	TMA	5	
TMA	421728	5416793	0.14217	398.9	398.9	0 ANNUAL	TMA	5	
TMA	421728	5416993	0.1315	400	400	0 ANNUAL	TMA	5	
TMA	421728	5417193	0.12653	395.23	395.23	0 ANNUAL	TMA	5	
TMA	421728	5417393	0.12142	388.37	410	0 ANNUAL	TMA	5	
TMA	421728	5417593	0.11431	386	386	0 ANNUAL	TMA	5	
TMA	421728	5417793	0.10771	382.99	382.99	0 ANNUAL	TMA	5	
TMA	421728	5417993	0.10149	380	380	0 ANNUAL	TMA	5	
TMA	421728	5418193	0.09569	377	377	0 ANNUAL	TMA	5	
TMA	421728	5418393	0.09009	379.94	379.94	0 ANNUAL	TMA	5	
TMA	421728	5418593	0.08527	377.01	377.01	0 ANNUAL	TMA	5	
TMA	421728	5418793	0.08081	373	373	0 ANNUAL	TMA	5	
TMA	421728	5418993	0.07658	376.17	376.17	0 ANNUAL	TMA	5	
TMA	421728	5419193	0.0727	377.53	377.53	0 ANNUAL	TMA	5	
TMA	421928	5416393	0.17621	392.6	392.6	0 ANNUAL	TMA	5	
TMA	421928	5416593	0.16011	395	395	0 ANNUAL	TMA	5	
TMA	421928	5416793	0.14642	397	397	0 ANNUAL	TMA	5	
TMA	421928	5416993	0.13432	399	399	0 ANNUAL	TMA	5	
TMA	421928	5417193	0.11495	409.1	409.1	0 ANNUAL	TMA	5	
TMA	421928	5417393	0.10694	410	410	0 ANNUAL	TMA	5	
TMA	421928	5417593	0.11281	393	411	0 ANNUAL	TMA	5	
TMA	421928	5417793	0.10822	384	384	0 ANNUAL	TMA	5	
TMA	421928	5417993	0.10202	380.75	380.75	0 ANNUAL	TMA	5	
TMA	421928	5418193	0.09615	378.7	378.7	0 ANNUAL	TMA	5	
TMA	421928	5418393	0.09051	381	381	0 ANNUAL	TMA	5	
TMA	421928	5418593	0.08546	382	382	0 ANNUAL	TMA	5	
TMA	421928	5418793	0.08129	373.64	373.64	0 ANNUAL	TMA	5	
TMA	421928	5418993	0.07715	371.04	371.04	0 ANNUAL	TMA	5	
TMA	421928	5419193	0.07332	370.75	370.75	0 ANNUAL	TMA	5	
TMA	422128	5416393	0.17728	394	394	0 ANNUAL	TMA	5	
TMA	422128	5416593	0.16203	395.06	395.06	0 ANNUAL	TMA	5	
TMA	422128	5416793	0.14877	396	396	0 ANNUAL	TMA	5	
TMA	422128	5416993	0.13525	399	399	0 ANNUAL	TMA	5	
TMA	422128	5417193	0.11696	407.86	407.86	0 ANNUAL	TMA	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	422128	5417393	0.1115	406.01	406.01	0 ANNUAL	TMA	5	
TMA	422128	5417593	0.11111	397.06	399	0 ANNUAL	TMA	5	
TMA	422128	5417793	0.10869	383	383	0 ANNUAL	TMA	5	
TMA	422128	5417993	0.10224	381.1	381.1	0 ANNUAL	TMA	5	
TMA	422128	5418193	0.09629	380	380	0 ANNUAL	TMA	5	
TMA	422128	5418393	0.09081	380	380	0 ANNUAL	TMA	5	
TMA	422128	5418593	0.08584	380	380	0 ANNUAL	TMA	5	
TMA	422128	5418793	0.08142	378	378	0 ANNUAL	TMA	5	
TMA	422128	5418993	0.07736	375	375	0 ANNUAL	TMA	5	
TMA	422128	5419193	0.07357	372	372	0 ANNUAL	TMA	5	
TMA	422328	5416393	0.17362	397.94	397.94	0 ANNUAL	TMA	5	
TMA	422328	5416593	0.15691	400	400	0 ANNUAL	TMA	5	
TMA	422328	5416793	0.14717	398	398	0 ANNUAL	TMA	5	
TMA	422328	5416993	0.13461	399.85	399.85	0 ANNUAL	TMA	5	
TMA	422328	5417193	0.12513	400	400	0 ANNUAL	TMA	5	
TMA	422328	5417393	0.11252	404.9	410	0 ANNUAL	TMA	5	
TMA	422328	5417593	0.11417	390.69	410	0 ANNUAL	TMA	5	
TMA	422328	5417793	0.10865	383.61	383.61	0 ANNUAL	TMA	5	
TMA	422328	5417993	0.1023	381	381	0 ANNUAL	TMA	5	
TMA	422328	5418193	0.09633	380	380	0 ANNUAL	TMA	5	
TMA	422328	5418393	0.09085	380	380	0 ANNUAL	TMA	5	
TMA	422328	5418593	0.08588	380	380	0 ANNUAL	TMA	5	
TMA	422328	5418793	0.08139	379.44	379.44	0 ANNUAL	TMA	5	
TMA	422328	5418993	0.07739	375.81	375.81	0 ANNUAL	TMA	5	
TMA	422328	5419193	0.07365	371.17	371.17	0 ANNUAL	TMA	5	
TMA	422528	5416393	0.17412	398.06	398.06	0 ANNUAL	TMA	5	
TMA	422528	5416593	0.15253	403.25	403.25	0 ANNUAL	TMA	5	
TMA	422528	5416793	0.14377	401.07	401.07	0 ANNUAL	TMA	5	
TMA	422528	5416993	0.13115	403	403	0 ANNUAL	TMA	5	
TMA	422528	5417193	0.12598	398.82	398.82	0 ANNUAL	TMA	5	
TMA	422528	5417393	0.12099	393.16	393.16	0 ANNUAL	TMA	5	
TMA	422528	5417593	0.11492	388	388	0 ANNUAL	TMA	5	
TMA	422528	5417793	0.10701	390	390	0 ANNUAL	TMA	5	
TMA	422528	5417993	0.10228	380	380	0 ANNUAL	TMA	5	
TMA	422528	5418193	0.09621	380	380	0 ANNUAL	TMA	5	
TMA	422528	5418393	0.09072	380	380	0 ANNUAL	TMA	5	
TMA	422528	5418593	0.08575	380	380	0 ANNUAL	TMA	5	
TMA	422528	5418793	0.0814	376.32	376.32	0 ANNUAL	TMA	5	
TMA	422528	5418993	0.07731	373.94	373.94	0 ANNUAL	TMA	5	
TMA	422528	5419193	0.07355	370.17	370.17	0 ANNUAL	TMA	5	
TMA	422728	5416393	0.1741	398.18	411	0 ANNUAL	TMA	5	
TMA	422728	5416593	0.14389	408.5	408.5	0 ANNUAL	TMA	5	
TMA	422728	5416793	0.14077	403.45	403.45	0 ANNUAL	TMA	5	
TMA	422728	5416993	0.12343	409	409	0 ANNUAL	TMA	5	
TMA	422728	5417193	0.11403	410	410	0 ANNUAL	TMA	5	
TMA	422728	5417393	0.11536	401.29	407	0 ANNUAL	TMA	5	
TMA	422728	5417593	0.11441	389.01	389.01	0 ANNUAL	TMA	5	
TMA	422728	5417793	0.1084	383	383	0 ANNUAL	TMA	5	
TMA	422728	5417993	0.10213	379	379	0 ANNUAL	TMA	5	
TMA	422728	5418193	0.09595	380	380	0 ANNUAL	TMA	5	
TMA	422728	5418393	0.09045	380	380	0 ANNUAL	TMA	5	
TMA	422728	5418593	0.08556	378.4	378.4	0 ANNUAL	TMA	5	
TMA	422728	5418793	0.08112	376	376	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	422728	5418993	0.07707	372	372	0 ANNUAL	TMA	5	
TMA	422728	5419193	0.07326	371	371	0 ANNUAL	TMA	5	
TMA	422928	5416393	0.17681	396	396	0 ANNUAL	TMA	5	
TMA	422928	5416593	0.15974	397.97	397.97	0 ANNUAL	TMA	5	
TMA	422928	5416793	0.14544	399.57	399.57	0 ANNUAL	TMA	5	
TMA	422928	5416993	0.12047	411	411	0 ANNUAL	TMA	5	
TMA	422928	5417193	0.1136	410.25	410.25	0 ANNUAL	TMA	5	
TMA	422928	5417393	0.11542	401.05	401.05	0 ANNUAL	TMA	5	
TMA	422928	5417593	0.1143	388.47	388.47	0 ANNUAL	TMA	5	
TMA	422928	5417793	0.1079	384	384	0 ANNUAL	TMA	5	
TMA	422928	5417993	0.10181	378.62	378.62	0 ANNUAL	TMA	5	
TMA	422928	5418193	0.09574	378	378	0 ANNUAL	TMA	5	
TMA	422928	5418393	0.09008	380	380	0 ANNUAL	TMA	5	
TMA	422928	5418593	0.08515	379	379	0 ANNUAL	TMA	5	
TMA	422928	5418793	0.08063	378.45	378.45	0 ANNUAL	TMA	5	
TMA	422928	5418993	0.07653	377.26	377.26	0 ANNUAL	TMA	5	
TMA	422928	5419193	0.07276	376.08	376.08	0 ANNUAL	TMA	5	
TMA	423128	5416393	0.16978	400	400	0 ANNUAL	TMA	5	
TMA	423128	5416593	0.15632	399.94	399.94	0 ANNUAL	TMA	5	
TMA	423128	5416793	0.14398	400.25	400.25	0 ANNUAL	TMA	5	
TMA	423128	5416993	0.1216	409.88	409.88	0 ANNUAL	TMA	5	
TMA	423128	5417193	0.11932	405.04	405.04	0 ANNUAL	TMA	5	
TMA	423128	5417393	0.1192	394.92	394.92	0 ANNUAL	TMA	5	
TMA	423128	5417593	0.11363	389.14	389.14	0 ANNUAL	TMA	5	
TMA	423128	5417793	0.10798	380.07	380.07	0 ANNUAL	TMA	5	
TMA	423128	5417993	0.10136	378.23	378.23	0 ANNUAL	TMA	5	
TMA	423128	5418193	0.09544	375	375	0 ANNUAL	TMA	5	
TMA	423128	5418393	0.08977	377.79	377.79	0 ANNUAL	TMA	5	
TMA	423128	5418593	0.08469	379.27	379.27	0 ANNUAL	TMA	5	
TMA	423128	5418793	0.08011	380	380	0 ANNUAL	TMA	5	
TMA	423128	5418993	0.07596	380	380	0 ANNUAL	TMA	5	
TMA	423128	5419193	0.07216	380	380	0 ANNUAL	TMA	5	
TMA	423328	5416393	0.16869	399	399	0 ANNUAL	TMA	5	
TMA	423328	5416593	0.15557	399	399	0 ANNUAL	TMA	5	
TMA	423328	5416793	0.14289	399.91	399.91	0 ANNUAL	TMA	5	
TMA	423328	5416993	0.13223	400.28	400.28	0 ANNUAL	TMA	5	
TMA	423328	5417193	0.12938	390.84	390.84	0 ANNUAL	TMA	5	
TMA	423328	5417393	0.12173	387	387	0 ANNUAL	TMA	5	
TMA	423328	5417593	0.11425	383.65	383.65	0 ANNUAL	TMA	5	
TMA	423328	5417793	0.10717	381	381	0 ANNUAL	TMA	5	
TMA	423328	5417993	0.10055	380	380	0 ANNUAL	TMA	5	
TMA	423328	5418193	0.0948	375.14	375.14	0 ANNUAL	TMA	5	
TMA	423328	5418393	0.08938	373	373	0 ANNUAL	TMA	5	
TMA	423328	5418593	0.08432	375	375	0 ANNUAL	TMA	5	
TMA	423328	5418793	0.07971	377	377	0 ANNUAL	TMA	5	
TMA	423328	5418993	0.07554	378	378	0 ANNUAL	TMA	5	
TMA	423328	5419193	0.0718	376.58	376.58	0 ANNUAL	TMA	5	
TMA	423528	5416393	0.17116	394.06	394.06	0 ANNUAL	TMA	5	
TMA	423528	5416593	0.15349	398.27	398.27	0 ANNUAL	TMA	5	
TMA	423528	5416793	0.14757	392.03	392.03	0 ANNUAL	TMA	5	
TMA	423528	5416993	0.13829	389.28	389.28	0 ANNUAL	TMA	5	
TMA	423528	5417193	0.12931	387	387	0 ANNUAL	TMA	5	
TMA	423528	5417393	0.12067	386	386	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	423528	5417593	0.11301	384.09	384.09	0 ANNUAL	TMA	5	
TMA	423528	5417793	0.10602	382	382	0 ANNUAL	TMA	5	
TMA	423528	5417993	0.09962	380	380	0 ANNUAL	TMA	5	
TMA	423528	5418193	0.09386	376.63	376.63	0 ANNUAL	TMA	5	
TMA	423528	5418393	0.0886	371.99	371.99	0 ANNUAL	TMA	5	
TMA	423528	5418593	0.08367	371.05	371.05	0 ANNUAL	TMA	5	
TMA	423528	5418793	0.07913	373.46	373.46	0 ANNUAL	TMA	5	
TMA	423528	5418993	0.07497	375	375	0 ANNUAL	TMA	5	
TMA	423528	5419193	0.07126	373.28	373.28	0 ANNUAL	TMA	5	
TMA	423728	5416393	0.17232	386.22	386.22	0 ANNUAL	TMA	5	
TMA	423728	5416593	0.15817	388.07	388.07	0 ANNUAL	TMA	5	
TMA	423728	5416793	0.14726	386.34	386.34	0 ANNUAL	TMA	5	
TMA	423728	5416993	0.13715	385	385	0 ANNUAL	TMA	5	
TMA	423728	5417193	0.12786	384	384	0 ANNUAL	TMA	5	
TMA	423728	5417393	0.11959	382.05	382.05	0 ANNUAL	TMA	5	
TMA	423728	5417593	0.1119	381	381	0 ANNUAL	TMA	5	
TMA	423728	5417793	0.10486	380.25	380.25	0 ANNUAL	TMA	5	
TMA	423728	5417993	0.09851	379.06	379.06	0 ANNUAL	TMA	5	
TMA	423728	5418193	0.09282	376	376	0 ANNUAL	TMA	5	
TMA	423728	5418393	0.08762	372	372	0 ANNUAL	TMA	5	
TMA	423728	5418593	0.0828	370	370	0 ANNUAL	TMA	5	
TMA	423728	5418793	0.07833	371.39	371.39	0 ANNUAL	TMA	5	
TMA	423728	5418993	0.07427	372	372	0 ANNUAL	TMA	5	
TMA	423728	5419193	0.07057	371	371	0 ANNUAL	TMA	5	
TMA	423928	5416393	0.1659	387.1	387.1	0 ANNUAL	TMA	5	
TMA	423928	5416593	0.15634	379	379	0 ANNUAL	TMA	5	
TMA	423928	5416793	0.14474	381.26	381.26	0 ANNUAL	TMA	5	
TMA	423928	5416993	0.13491	380	380	0 ANNUAL	TMA	5	
TMA	423928	5417193	0.12577	380.38	380.38	0 ANNUAL	TMA	5	
TMA	423928	5417393	0.11758	380	380	0 ANNUAL	TMA	5	
TMA	423928	5417593	0.11046	374.29	374.29	0 ANNUAL	TMA	5	
TMA	423928	5417793	0.10368	371.1	371.1	0 ANNUAL	TMA	5	
TMA	423928	5417993	0.09744	371	371	0 ANNUAL	TMA	5	
TMA	423928	5418193	0.09174	371	371	0 ANNUAL	TMA	5	
TMA	423928	5418393	0.08656	370	370	0 ANNUAL	TMA	5	
TMA	423928	5418593	0.08181	369	369	0 ANNUAL	TMA	5	
TMA	423928	5418793	0.07746	369.05	369.05	0 ANNUAL	TMA	5	
TMA	423928	5418993	0.07345	370	370	0 ANNUAL	TMA	5	
TMA	423928	5419193	0.06979	368.13	368.13	0 ANNUAL	TMA	5	
TMA	424128	5416393	0.16135	382	382	0 ANNUAL	TMA	5	
TMA	424128	5416593	0.15091	378.35	378.35	0 ANNUAL	TMA	5	
TMA	424128	5416793	0.14089	376	376	0 ANNUAL	TMA	5	
TMA	424128	5416993	0.13159	375.34	375.34	0 ANNUAL	TMA	5	
TMA	424128	5417193	0.12315	372.52	372.52	0 ANNUAL	TMA	5	
TMA	424128	5417393	0.1154	372	372	0 ANNUAL	TMA	5	
TMA	424128	5417593	0.10825	374	374	0 ANNUAL	TMA	5	
TMA	424128	5417793	0.10171	375.97	375.97	0 ANNUAL	TMA	5	
TMA	424128	5417993	0.09571	377	377	0 ANNUAL	TMA	5	
TMA	424128	5418193	0.09032	374.7	374.7	0 ANNUAL	TMA	5	
TMA	424128	5418393	0.08538	370	370	0 ANNUAL	TMA	5	
TMA	424128	5418593	0.08075	370	370	0 ANNUAL	TMA	5	
TMA	424128	5418793	0.07649	370	370	0 ANNUAL	TMA	5	
TMA	424128	5418993	0.07256	370.91	370.91	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	424128	5419193	0.06895	371.07	371.07	0 ANNUAL	TMA	5	
TMA	424328	5416393	0.15441	379.87	379.87	0 ANNUAL	TMA	5	
TMA	424328	5416593	0.14491	377.23	377.23	0 ANNUAL	TMA	5	
TMA	424328	5416793	0.1359	374.6	374.6	0 ANNUAL	TMA	5	
TMA	424328	5416993	0.12743	373	373	0 ANNUAL	TMA	5	
TMA	424328	5417193	0.11954	375.86	375.86	0 ANNUAL	TMA	5	
TMA	424328	5417393	0.11222	378	378	0 ANNUAL	TMA	5	
TMA	424328	5417593	0.10546	379.95	379.95	0 ANNUAL	TMA	5	
TMA	424328	5417793	0.09938	380	380	0 ANNUAL	TMA	5	
TMA	424328	5417993	0.09377	380	380	0 ANNUAL	TMA	5	
TMA	424328	5418193	0.08864	379.16	379.16	0 ANNUAL	TMA	5	
TMA	424328	5418393	0.08401	374.52	374.52	0 ANNUAL	TMA	5	
TMA	424328	5418593	0.07962	370.41	370.41	0 ANNUAL	TMA	5	
TMA	424328	5418793	0.07545	373	373	0 ANNUAL	TMA	5	
TMA	424328	5418993	0.07157	375	375	0 ANNUAL	TMA	5	
TMA	424328	5419193	0.06803	374.79	374.79	0 ANNUAL	TMA	5	
TMA	424528	5416393	0.14651	378.75	378.75	0 ANNUAL	TMA	5	
TMA	424528	5416593	0.13833	375	375	0 ANNUAL	TMA	5	
TMA	424528	5416793	0.13028	374	374	0 ANNUAL	TMA	5	
TMA	424528	5416993	0.12269	375.88	375.88	0 ANNUAL	TMA	5	
TMA	424528	5417193	0.11551	378	378	0 ANNUAL	TMA	5	
TMA	424528	5417393	0.10887	379	379	0 ANNUAL	TMA	5	
TMA	424528	5417593	0.1027	380	380	0 ANNUAL	TMA	5	
TMA	424528	5417793	0.09704	380	380	0 ANNUAL	TMA	5	
TMA	424528	5417993	0.09186	379	379	0 ANNUAL	TMA	5	
TMA	424528	5418193	0.08703	377.8	377.8	0 ANNUAL	TMA	5	
TMA	424528	5418393	0.08258	374.41	374.41	0 ANNUAL	TMA	5	
TMA	424528	5418593	0.07838	371.23	371.23	0 ANNUAL	TMA	5	
TMA	424528	5418793	0.07432	376	376	0 ANNUAL	TMA	5	
TMA	424528	5418993	0.07052	379	379	0 ANNUAL	TMA	5	
TMA	424528	5419193	0.06707	378.99	378.99	0 ANNUAL	TMA	5	
TMA	424728	5416393	0.13843	374.18	374.18	0 ANNUAL	TMA	5	
TMA	424728	5416593	0.13108	375	375	0 ANNUAL	TMA	5	
TMA	424728	5416793	0.12412	376	376	0 ANNUAL	TMA	5	
TMA	424728	5416993	0.11751	377	377	0 ANNUAL	TMA	5	
TMA	424728	5417193	0.11131	377	377	0 ANNUAL	TMA	5	
TMA	424728	5417393	0.10542	377.4	377.4	0 ANNUAL	TMA	5	
TMA	424728	5417593	0.09985	378	378	0 ANNUAL	TMA	5	
TMA	424728	5417793	0.09459	379	379	0 ANNUAL	TMA	5	
TMA	424728	5417993	0.08964	380	380	0 ANNUAL	TMA	5	
TMA	424728	5418193	0.08518	378.1	378.1	0 ANNUAL	TMA	5	
TMA	424728	5418393	0.08102	373	373	0 ANNUAL	TMA	5	
TMA	424728	5418593	0.07699	373.35	373.35	0 ANNUAL	TMA	5	
TMA	424728	5418793	0.07309	378.35	378.35	0 ANNUAL	TMA	5	
TMA	424728	5418993	0.0695	380	380	0 ANNUAL	TMA	5	
TMA	424728	5419193	0.0662	380	380	0 ANNUAL	TMA	5	
TMA	424928	5416393	0.12958	377.58	377.58	0 ANNUAL	TMA	5	
TMA	424928	5416593	0.12339	378	378	0 ANNUAL	TMA	5	
TMA	424928	5416793	0.11762	377	377	0 ANNUAL	TMA	5	
TMA	424928	5416993	0.11208	376	376	0 ANNUAL	TMA	5	
TMA	424928	5417193	0.1067	376	376	0 ANNUAL	TMA	5	
TMA	424928	5417393	0.10156	375.31	375.31	0 ANNUAL	TMA	5	
TMA	424928	5417593	0.09662	376	376	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	424928	5417793	0.09189	377	377	0 ANNUAL	TMA	5	
TMA	424928	5417993	0.08741	378	378	0 ANNUAL	TMA	5	
TMA	424928	5418193	0.08328	375.01	375.01	0 ANNUAL	TMA	5	
TMA	424928	5418393	0.07931	372	372	0 ANNUAL	TMA	5	
TMA	424928	5418593	0.07548	376.8	376.8	0 ANNUAL	TMA	5	
TMA	424928	5418793	0.0718	380	380	0 ANNUAL	TMA	5	
TMA	424928	5418993	0.06846	380	380	0 ANNUAL	TMA	5	
TMA	424928	5419193	0.06535	379	379	0 ANNUAL	TMA	5	
TMA	425128	5416393	0.12116	379	379	0 ANNUAL	TMA	5	
TMA	425128	5416593	0.11611	378	378	0 ANNUAL	TMA	5	
TMA	425128	5416793	0.11127	376	376	0 ANNUAL	TMA	5	
TMA	425128	5416993	0.1065	375	375	0 ANNUAL	TMA	5	
TMA	425128	5417193	0.10186	374.87	374.87	0 ANNUAL	TMA	5	
TMA	425128	5417393	0.09739	374	374	0 ANNUAL	TMA	5	
TMA	425128	5417593	0.09304	374	374	0 ANNUAL	TMA	5	
TMA	425128	5417793	0.08887	374.56	374.56	0 ANNUAL	TMA	5	
TMA	425128	5417993	0.08487	374.82	374.82	0 ANNUAL	TMA	5	
TMA	425128	5418193	0.08105	373	373	0 ANNUAL	TMA	5	
TMA	425128	5418393	0.07738	373.86	373.86	0 ANNUAL	TMA	5	
TMA	425128	5418593	0.07386	377.58	377.58	0 ANNUAL	TMA	5	
TMA	425128	5418793	0.07046	380	380	0 ANNUAL	TMA	5	
TMA	425128	5418993	0.06732	380	380	0 ANNUAL	TMA	5	
TMA	425128	5419193	0.06434	380	380	0 ANNUAL	TMA	5	
TMA	425328	5416393	0.11355	378	378	0 ANNUAL	TMA	5	
TMA	425328	5416593	0.10934	376	376	0 ANNUAL	TMA	5	
TMA	425328	5416793	0.10513	375	375	0 ANNUAL	TMA	5	
TMA	425328	5416993	0.10098	375	375	0 ANNUAL	TMA	5	
TMA	425328	5417193	0.09695	375	375	0 ANNUAL	TMA	5	
TMA	425328	5417393	0.09305	375	375	0 ANNUAL	TMA	5	
TMA	425328	5417593	0.08927	375	375	0 ANNUAL	TMA	5	
TMA	425328	5417793	0.08562	374	374	0 ANNUAL	TMA	5	
TMA	425328	5417993	0.08207	373	373	0 ANNUAL	TMA	5	
TMA	425328	5418193	0.07863	373	373	0 ANNUAL	TMA	5	
TMA	425328	5418393	0.07531	374	374	0 ANNUAL	TMA	5	
TMA	425328	5418593	0.07212	376	376	0 ANNUAL	TMA	5	
TMA	425328	5418793	0.06902	378.11	378.11	0 ANNUAL	TMA	5	
TMA	425328	5418993	0.06604	380	380	0 ANNUAL	TMA	5	
TMA	425328	5419193	0.06326	380	380	0 ANNUAL	TMA	5	
TMA	425528	5416393	0.10636	376	376	0 ANNUAL	TMA	5	
TMA	425528	5416593	0.10265	376	376	0 ANNUAL	TMA	5	
TMA	425528	5416793	0.09902	377	377	0 ANNUAL	TMA	5	
TMA	425528	5416993	0.09549	377.25	377.25	0 ANNUAL	TMA	5	
TMA	425528	5417193	0.09197	378.47	378.47	0 ANNUAL	TMA	5	
TMA	425528	5417393	0.08856	379	379	0 ANNUAL	TMA	5	
TMA	425528	5417593	0.08538	377.29	377.29	0 ANNUAL	TMA	5	
TMA	425528	5417793	0.08222	376	376	0 ANNUAL	TMA	5	
TMA	425528	5417993	0.07911	375	375	0 ANNUAL	TMA	5	
TMA	425528	5418193	0.07606	374	374	0 ANNUAL	TMA	5	
TMA	425528	5418393	0.0731	373	373	0 ANNUAL	TMA	5	
TMA	425528	5418593	0.07023	373.05	373.05	0 ANNUAL	TMA	5	
TMA	425528	5418793	0.06743	375.11	375.11	0 ANNUAL	TMA	5	
TMA	425528	5418993	0.06472	377.03	377.03	0 ANNUAL	TMA	5	
TMA	425528	5419193	0.06209	379	379	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	425728	5416393	0.09924	377	377	0 ANNUAL	TMA	5	
TMA	425728	5416593	0.09602	378	378	0 ANNUAL	TMA	5	
TMA	425728	5416793	0.093	378.61	378.61	0 ANNUAL	TMA	5	
TMA	425728	5416993	0.09007	379	379	0 ANNUAL	TMA	5	
TMA	425728	5417193	0.08711	380	380	0 ANNUAL	TMA	5	
TMA	425728	5417393	0.08425	380	380	0 ANNUAL	TMA	5	
TMA	425728	5417593	0.08145	379.69	379.69	0 ANNUAL	TMA	5	
TMA	425728	5417793	0.0787	379.45	379.45	0 ANNUAL	TMA	5	
TMA	425728	5417993	0.07605	377.55	377.55	0 ANNUAL	TMA	5	
TMA	425728	5418193	0.07341	375.34	375.34	0 ANNUAL	TMA	5	
TMA	425728	5418393	0.07078	373	373	0 ANNUAL	TMA	5	
TMA	425728	5418593	0.06821	372	372	0 ANNUAL	TMA	5	
TMA	425728	5418793	0.06569	372.08	372.08	0 ANNUAL	TMA	5	
TMA	425728	5418993	0.06324	373	373	0 ANNUAL	TMA	5	
TMA	425728	5419193	0.06087	374.4	374.4	0 ANNUAL	TMA	5	
TMA	425928	5416393	0.09247	379	379	0 ANNUAL	TMA	5	
TMA	425928	5416593	0.08965	380	380	0 ANNUAL	TMA	5	
TMA	425928	5416793	0.08713	380	380	0 ANNUAL	TMA	5	
TMA	425928	5416993	0.08472	380	380	0 ANNUAL	TMA	5	
TMA	425928	5417193	0.08233	380	380	0 ANNUAL	TMA	5	
TMA	425928	5417393	0.07992	380	380	0 ANNUAL	TMA	5	
TMA	425928	5417593	0.0776	379	379	0 ANNUAL	TMA	5	
TMA	425928	5417793	0.07523	379.16	379.16	0 ANNUAL	TMA	5	
TMA	425928	5417993	0.07296	377.29	377.29	0 ANNUAL	TMA	5	
TMA	425928	5418193	0.07067	375	375	0 ANNUAL	TMA	5	
TMA	425928	5418393	0.06834	373	373	0 ANNUAL	TMA	5	
TMA	425928	5418593	0.06606	372	372	0 ANNUAL	TMA	5	
TMA	425928	5418793	0.06382	371	371	0 ANNUAL	TMA	5	
TMA	425928	5418993	0.06162	371	371	0 ANNUAL	TMA	5	
TMA	425928	5419193	0.05948	370	370	0 ANNUAL	TMA	5	
TMA	426128	5416393	0.08629	380	380	0 ANNUAL	TMA	5	
TMA	426128	5416593	0.08393	380	380	0 ANNUAL	TMA	5	
TMA	426128	5416793	0.0817	380.2	380.2	0 ANNUAL	TMA	5	
TMA	426128	5416993	0.07965	380	380	0 ANNUAL	TMA	5	
TMA	426128	5417193	0.07764	380	380	0 ANNUAL	TMA	5	
TMA	426128	5417393	0.07562	380	380	0 ANNUAL	TMA	5	
TMA	426128	5417593	0.0736	380	380	0 ANNUAL	TMA	5	
TMA	426128	5417793	0.07159	380	380	0 ANNUAL	TMA	5	
TMA	426128	5417993	0.06974	376.57	376.57	0 ANNUAL	TMA	5	
TMA	426128	5418193	0.06777	374	374	0 ANNUAL	TMA	5	
TMA	426128	5418393	0.06577	373	373	0 ANNUAL	TMA	5	
TMA	426128	5418593	0.06378	372	372	0 ANNUAL	TMA	5	
TMA	426128	5418793	0.06179	372	372	0 ANNUAL	TMA	5	
TMA	426128	5418993	0.05984	371	371	0 ANNUAL	TMA	5	
TMA	426128	5419193	0.05793	370	370	0 ANNUAL	TMA	5	
TMA	426328	5416393	0.0806	379.29	379.29	0 ANNUAL	TMA	5	
TMA	426328	5416593	0.07856	380	380	0 ANNUAL	TMA	5	
TMA	426328	5416793	0.07666	380	380	0 ANNUAL	TMA	5	
TMA	426328	5416993	0.07487	380	380	0 ANNUAL	TMA	5	
TMA	426328	5417193	0.07315	380	380	0 ANNUAL	TMA	5	
TMA	426328	5417393	0.07146	380	380	0 ANNUAL	TMA	5	
TMA	426328	5417593	0.0698	379	379	0 ANNUAL	TMA	5	
TMA	426328	5417793	0.06812	377.97	377.97	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	426328	5417993	0.06649	375	375	0 ANNUAL	TMA	5	
TMA	426328	5418193	0.0648	374	374	0 ANNUAL	TMA	5	
TMA	426328	5418393	0.06309	373	373	0 ANNUAL	TMA	5	
TMA	426328	5418593	0.06134	374	374	0 ANNUAL	TMA	5	
TMA	426328	5418793	0.05962	374	374	0 ANNUAL	TMA	5	
TMA	426328	5418993	0.05789	373.99	373.99	0 ANNUAL	TMA	5	
TMA	426328	5419193	0.05619	373	373	0 ANNUAL	TMA	5	
TMA	426528	5416393	0.07509	380	380	0 ANNUAL	TMA	5	
TMA	426528	5416593	0.07346	380	380	0 ANNUAL	TMA	5	
TMA	426528	5416793	0.07185	380	380	0 ANNUAL	TMA	5	
TMA	426528	5416993	0.07038	379.12	379.12	0 ANNUAL	TMA	5	
TMA	426528	5417193	0.06899	378	378	0 ANNUAL	TMA	5	
TMA	426528	5417393	0.06759	377.22	377.22	0 ANNUAL	TMA	5	
TMA	426528	5417593	0.06616	377	377	0 ANNUAL	TMA	5	
TMA	426528	5417793	0.06471	376	376	0 ANNUAL	TMA	5	
TMA	426528	5417993	0.06323	376	376	0 ANNUAL	TMA	5	
TMA	426528	5418193	0.06176	376	376	0 ANNUAL	TMA	5	
TMA	426528	5418393	0.06024	377.61	377.61	0 ANNUAL	TMA	5	
TMA	426528	5418593	0.05876	378	378	0 ANNUAL	TMA	5	
TMA	426528	5418793	0.0573	377.99	377.99	0 ANNUAL	TMA	5	
TMA	426528	5418993	0.05586	376	376	0 ANNUAL	TMA	5	
TMA	426528	5419193	0.05437	373.05	373.05	0 ANNUAL	TMA	5	
TMA	426728	5416393	0.07009	380	380	0 ANNUAL	TMA	5	
TMA	426728	5416593	0.06877	379	379	0 ANNUAL	TMA	5	
TMA	426728	5416793	0.06736	379	379	0 ANNUAL	TMA	5	
TMA	426728	5416993	0.06609	378	378	0 ANNUAL	TMA	5	
TMA	426728	5417193	0.06487	378	378	0 ANNUAL	TMA	5	
TMA	426728	5417393	0.0637	378	378	0 ANNUAL	TMA	5	
TMA	426728	5417593	0.06251	378.4	378.4	0 ANNUAL	TMA	5	
TMA	426728	5417793	0.06128	378.97	378.97	0 ANNUAL	TMA	5	
TMA	426728	5417993	0.06005	378.02	378.02	0 ANNUAL	TMA	5	
TMA	426728	5418193	0.05877	378.12	378.12	0 ANNUAL	TMA	5	
TMA	426728	5418393	0.05742	380	380	0 ANNUAL	TMA	5	
TMA	426728	5418593	0.05615	380	380	0 ANNUAL	TMA	5	
TMA	426728	5418793	0.05492	378.92	378.92	0 ANNUAL	TMA	5	
TMA	426728	5418993	0.05373	375.39	375.39	0 ANNUAL	TMA	5	
TMA	426728	5419193	0.05245	373	373	0 ANNUAL	TMA	5	
TMA	426928	5416393	0.0655	381	381	0 ANNUAL	TMA	5	
TMA	426928	5416593	0.06439	380	380	0 ANNUAL	TMA	5	
TMA	426928	5416793	0.0632	379.17	379.17	0 ANNUAL	TMA	5	
TMA	426928	5416993	0.06193	380	380	0 ANNUAL	TMA	5	
TMA	426928	5417193	0.06082	380	380	0 ANNUAL	TMA	5	
TMA	426928	5417393	0.05984	380	380	0 ANNUAL	TMA	5	
TMA	426928	5417593	0.05892	380	380	0 ANNUAL	TMA	5	
TMA	426928	5417793	0.05797	380	380	0 ANNUAL	TMA	5	
TMA	426928	5417993	0.05699	379	379	0 ANNUAL	TMA	5	
TMA	426928	5418193	0.05592	379	379	0 ANNUAL	TMA	5	
TMA	426928	5418393	0.05479	380	380	0 ANNUAL	TMA	5	
TMA	426928	5418593	0.05364	381	381	0 ANNUAL	TMA	5	
TMA	426928	5418793	0.05257	380	380	0 ANNUAL	TMA	5	
TMA	426928	5418993	0.05158	375.12	375.12	0 ANNUAL	TMA	5	
TMA	426928	5419193	0.0505	370.48	370.48	0 ANNUAL	TMA	5	
TMA	427128	5416393	0.06137	381.16	381.16	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	427128	5416593	0.06045	380	380	0 ANNUAL	TMA	5	
TMA	427128	5416793	0.05939	380	380	0 ANNUAL	TMA	5	
TMA	427128	5416993	0.05829	380	380	0 ANNUAL	TMA	5	
TMA	427128	5417193	0.05722	380	380	0 ANNUAL	TMA	5	
TMA	427128	5417393	0.0563	380	380	0 ANNUAL	TMA	5	
TMA	427128	5417593	0.05549	380	380	0 ANNUAL	TMA	5	
TMA	427128	5417793	0.05477	379	379	0 ANNUAL	TMA	5	
TMA	427128	5417993	0.05399	379	379	0 ANNUAL	TMA	5	
TMA	427128	5418193	0.05311	380	380	0 ANNUAL	TMA	5	
TMA	427128	5418393	0.05218	380.92	380.92	0 ANNUAL	TMA	5	
TMA	427128	5418593	0.0512	382	382	0 ANNUAL	TMA	5	
TMA	427128	5418793	0.05028	381	381	0 ANNUAL	TMA	5	
TMA	427128	5418993	0.04947	373.01	373.01	0 ANNUAL	TMA	5	
TMA	427128	5419193	0.04853	369	369	0 ANNUAL	TMA	5	
TMA	424328	5416193	0.16399	383.5	383.5	0 ANNUAL	TMA	5	
TMA	424328	5415993	0.17406	386.14	386.14	0 ANNUAL	TMA	5	
TMA	424328	5415793	0.18317	389.77	389.77	0 ANNUAL	TMA	5	
TMA	424328	5415593	0.19099	393.41	393.41	0 ANNUAL	TMA	5	
TMA	424328	5415393	0.20339	393.82	393.82	0 ANNUAL	TMA	5	
TMA	424328	5415193	0.21553	394.88	394.88	0 ANNUAL	TMA	5	
TMA	424328	5414993	0.22496	397.14	397.14	0 ANNUAL	TMA	5	
TMA	424328	5414793	0.23113	400	400	0 ANNUAL	TMA	5	
TMA	424328	5408393	0.0663	350.25	350.25	0 ANNUAL	TMA	5	
TMA	424328	5408193	0.06203	353.95	353.95	0 ANNUAL	TMA	5	
TMA	424528	5416193	0.15488	382	382	0 ANNUAL	TMA	5	
TMA	424528	5415993	0.16364	384.26	384.26	0 ANNUAL	TMA	5	
TMA	424528	5415793	0.17329	385.08	385.08	0 ANNUAL	TMA	5	
TMA	424528	5415593	0.18261	387.26	387.26	0 ANNUAL	TMA	5	
TMA	424528	5415393	0.19366	388	388	0 ANNUAL	TMA	5	
TMA	424528	5415193	0.20288	390.8	390.8	0 ANNUAL	TMA	5	
TMA	424528	5414993	0.21014	394.07	394.07	0 ANNUAL	TMA	5	
TMA	424528	5414793	0.22369	394.2	394.2	0 ANNUAL	TMA	5	
TMA	424728	5416193	0.14587	377.27	377.27	0 ANNUAL	TMA	5	
TMA	424728	5415993	0.15338	380.25	380.25	0 ANNUAL	TMA	5	
TMA	424728	5415793	0.16215	379.46	379.46	0 ANNUAL	TMA	5	
TMA	424728	5415593	0.17098	381	381	0 ANNUAL	TMA	5	
TMA	424728	5415393	0.18043	382.51	382.51	0 ANNUAL	TMA	5	
TMA	424728	5415193	0.18953	385.2	385.2	0 ANNUAL	TMA	5	
TMA	424728	5414993	0.19997	386.34	386.34	0 ANNUAL	TMA	5	
TMA	424728	5414793	0.21209	387.03	387.03	0 ANNUAL	TMA	5	
TMA	424928	5416193	0.13619	375.96	375.96	0 ANNUAL	TMA	5	
TMA	424928	5415993	0.14309	375	375	0 ANNUAL	TMA	5	
TMA	424928	5415793	0.15009	376.94	376.94	0 ANNUAL	TMA	5	
TMA	424928	5415593	0.15775	378.04	378.04	0 ANNUAL	TMA	5	
TMA	424928	5415393	0.16602	379	379	0 ANNUAL	TMA	5	
TMA	424928	5415193	0.1751	379	379	0 ANNUAL	TMA	5	
TMA	424928	5414993	0.18379	381.96	381.96	0 ANNUAL	TMA	5	
TMA	424928	5414793	0.19013	387.99	387.99	0 ANNUAL	TMA	5	
TMA	424928	5414593	0.2002	390.16	390.16	0 ANNUAL	TMA	5	
TMA	424928	5414393	0.21955	387.14	387.14	0 ANNUAL	TMA	5	
TMA	425128	5416193	0.12652	379	379	0 ANNUAL	TMA	5	
TMA	425128	5415993	0.13223	379.01	379.01	0 ANNUAL	TMA	5	
TMA	425128	5415793	0.13878	376.76	376.76	0 ANNUAL	TMA	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	425128	5415593	0.14558	376	376	0 ANNUAL	TMA	5	
TMA	425128	5415393	0.15254	377	377	0 ANNUAL	TMA	5	
TMA	425128	5415193	0.15962	379	379	0 ANNUAL	TMA	5	
TMA	425128	5414993	0.16683	381.84	381.84	0 ANNUAL	TMA	5	
TMA	425128	5414793	0.174	385.44	385.44	0 ANNUAL	TMA	5	
TMA	425128	5414593	0.18362	386.97	386.97	0 ANNUAL	TMA	5	
TMA	425128	5414393	0.19936	383	383	0 ANNUAL	TMA	5	
TMA	425328	5416193	0.118	379	379	0 ANNUAL	TMA	5	
TMA	425328	5415993	0.1229	379	379	0 ANNUAL	TMA	5	
TMA	425328	5415793	0.12844	377	377	0 ANNUAL	TMA	5	
TMA	425328	5415593	0.13401	377	377	0 ANNUAL	TMA	5	
TMA	425328	5415393	0.1398	377	377	0 ANNUAL	TMA	5	
TMA	425328	5415193	0.14596	377	377	0 ANNUAL	TMA	5	
TMA	425328	5414993	0.15255	378	378	0 ANNUAL	TMA	5	
TMA	425328	5414793	0.15934	381.36	381.36	0 ANNUAL	TMA	5	
TMA	425328	5414593	0.16814	382	382	0 ANNUAL	TMA	5	
TMA	425328	5414393	0.17847	381	381	0 ANNUAL	TMA	5	
TMA	425528	5416193	0.11019	377	377	0 ANNUAL	TMA	5	
TMA	425528	5415993	0.11438	377	377	0 ANNUAL	TMA	5	
TMA	425528	5415793	0.1188	377	377	0 ANNUAL	TMA	5	
TMA	425528	5415593	0.12336	377	377	0 ANNUAL	TMA	5	
TMA	425528	5415393	0.12793	378	378	0 ANNUAL	TMA	5	
TMA	425528	5415193	0.13295	378	378	0 ANNUAL	TMA	5	
TMA	425528	5414993	0.13849	378	378	0 ANNUAL	TMA	5	
TMA	425528	5414793	0.14466	379	379	0 ANNUAL	TMA	5	
TMA	425528	5414593	0.15192	379	379	0 ANNUAL	TMA	5	
TMA	425528	5414393	0.15947	380	380	0 ANNUAL	TMA	5	
TMA	425728	5416193	0.10268	376	376	0 ANNUAL	TMA	5	
TMA	425728	5415993	0.10624	376	376	0 ANNUAL	TMA	5	
TMA	425728	5415793	0.10983	377	377	0 ANNUAL	TMA	5	
TMA	425728	5415593	0.11354	377	377	0 ANNUAL	TMA	5	
TMA	425728	5415393	0.11723	378	378	0 ANNUAL	TMA	5	
TMA	425728	5415193	0.12125	378	378	0 ANNUAL	TMA	5	
TMA	425728	5414993	0.12552	379	379	0 ANNUAL	TMA	5	
TMA	425728	5414793	0.13059	380	380	0 ANNUAL	TMA	5	
TMA	425728	5414593	0.1366	380	380	0 ANNUAL	TMA	5	
TMA	425728	5414393	0.14313	380	380	0 ANNUAL	TMA	5	
TMA	425728	5414193	0.15023	381	381	0 ANNUAL	TMA	5	
TMA	425928	5416193	0.09554	377.1	377.1	0 ANNUAL	TMA	5	
TMA	425928	5415993	0.09853	377	377	0 ANNUAL	TMA	5	
TMA	425928	5415793	0.10149	377	377	0 ANNUAL	TMA	5	
TMA	425928	5415593	0.10433	378	378	0 ANNUAL	TMA	5	
TMA	425928	5415393	0.10735	378.1	378.1	0 ANNUAL	TMA	5	
TMA	425928	5415193	0.11046	379.07	379.07	0 ANNUAL	TMA	5	
TMA	425928	5414993	0.11421	379.38	379.38	0 ANNUAL	TMA	5	
TMA	425928	5414793	0.11838	381.46	381.46	0 ANNUAL	TMA	5	
TMA	425928	5414593	0.12335	382	382	0 ANNUAL	TMA	5	
TMA	425928	5414393	0.12923	381	381	0 ANNUAL	TMA	5	
TMA	425928	5414193	0.13602	380	380	0 ANNUAL	TMA	5	
TMA	426128	5416193	0.08889	378	378	0 ANNUAL	TMA	5	
TMA	426128	5415993	0.09127	378	378	0 ANNUAL	TMA	5	
TMA	426128	5415793	0.09359	378	378	0 ANNUAL	TMA	5	
TMA	426128	5415593	0.09583	379	379	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	426128	5415393	0.0982	380	380	0 ANNUAL	TMA	5	
TMA	426128	5415193	0.10083	381	381	0 ANNUAL	TMA	5	
TMA	426128	5414993	0.10417	381.37	381.37	0 ANNUAL	TMA	5	
TMA	426128	5414793	0.10751	384.49	384.49	0 ANNUAL	TMA	5	
TMA	426128	5414593	0.11209	384	384	0 ANNUAL	TMA	5	
TMA	426128	5414393	0.11761	382	382	0 ANNUAL	TMA	5	
TMA	426128	5414193	0.12397	380.01	380.01	0 ANNUAL	TMA	5	
TMA	426328	5416193	0.08257	379	379	0 ANNUAL	TMA	5	
TMA	426328	5415993	0.08439	379.58	379.58	0 ANNUAL	TMA	5	
TMA	426328	5415793	0.0861	381	381	0 ANNUAL	TMA	5	
TMA	426328	5415593	0.08763	383.94	383.94	0 ANNUAL	TMA	5	
TMA	426328	5415393	0.08956	385.11	385.11	0 ANNUAL	TMA	5	
TMA	426328	5415193	0.09149	387.15	387.15	0 ANNUAL	TMA	5	
TMA	426328	5414993	0.09429	388	388	0 ANNUAL	TMA	5	
TMA	426328	5414793	0.09879	385	385	0 ANNUAL	TMA	5	
TMA	426328	5414593	0.10366	381	381	0 ANNUAL	TMA	5	
TMA	426328	5414393	0.10845	380	380	0 ANNUAL	TMA	5	
TMA	426328	5414193	0.11387	379.9	379.9	0 ANNUAL	TMA	5	
TMA	426528	5416193	0.07668	380	380	0 ANNUAL	TMA	5	
TMA	426528	5415993	0.07803	382	382	0 ANNUAL	TMA	5	
TMA	426528	5415793	0.0793	384.43	384.43	0 ANNUAL	TMA	5	
TMA	426528	5415593	0.08055	387.14	387.14	0 ANNUAL	TMA	5	
TMA	426528	5415393	0.08173	390	390	0 ANNUAL	TMA	5	
TMA	426528	5415193	0.08391	390	390	0 ANNUAL	TMA	5	
TMA	426528	5414993	0.08671	390	390	0 ANNUAL	TMA	5	
TMA	426528	5414793	0.09108	386.24	386.24	0 ANNUAL	TMA	5	
TMA	426528	5414593	0.09589	380.69	380.69	0 ANNUAL	TMA	5	
TMA	426528	5414393	0.10042	379	379	0 ANNUAL	TMA	5	
TMA	426528	5414193	0.10547	378	378	0 ANNUAL	TMA	5	
TMA	426728	5416193	0.07126	382	382	0 ANNUAL	TMA	5	
TMA	426728	5415993	0.07236	384	384	0 ANNUAL	TMA	5	
TMA	426728	5415793	0.07351	386	386	0 ANNUAL	TMA	5	
TMA	426728	5415593	0.07475	388	388	0 ANNUAL	TMA	5	
TMA	426728	5415393	0.07601	390	390	0 ANNUAL	TMA	5	
TMA	426728	5415193	0.07836	388.86	388.86	0 ANNUAL	TMA	5	
TMA	426728	5414993	0.08071	389.95	389.95	0 ANNUAL	TMA	5	
TMA	426728	5414793	0.08488	385.44	385.44	0 ANNUAL	TMA	5	
TMA	426728	5414593	0.08927	379.81	379.81	0 ANNUAL	TMA	5	
TMA	426728	5414393	0.09345	378.03	378.03	0 ANNUAL	TMA	5	
TMA	426728	5414193	0.0979	378	378	0 ANNUAL	TMA	5	
TMA	426928	5416193	0.06645	383	383	0 ANNUAL	TMA	5	
TMA	426928	5415993	0.06742	385	385	0 ANNUAL	TMA	5	
TMA	426928	5415793	0.06849	387	387	0 ANNUAL	TMA	5	
TMA	426928	5415593	0.06979	388	388	0 ANNUAL	TMA	5	
TMA	426928	5415393	0.07137	388	388	0 ANNUAL	TMA	5	
TMA	426928	5415193	0.07376	385.9	385.9	0 ANNUAL	TMA	5	
TMA	426928	5414993	0.07658	384.4	384.4	0 ANNUAL	TMA	5	
TMA	426928	5414793	0.0798	382.59	382.59	0 ANNUAL	TMA	5	
TMA	426928	5414593	0.08338	379.99	379.99	0 ANNUAL	TMA	5	
TMA	426928	5414393	0.08712	379	379	0 ANNUAL	TMA	5	
TMA	426928	5414193	0.09128	378	378	0 ANNUAL	TMA	5	
TMA	427128	5416193	0.06214	383.98	383.98	0 ANNUAL	TMA	5	
TMA	427128	5415993	0.06305	386	386	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	427128	5415793	0.06422	386.86	386.86	0 ANNUAL	TMA	5	
TMA	427128	5415593	0.06566	386	386	0 ANNUAL	TMA	5	
TMA	427128	5415393	0.06716	386	386	0 ANNUAL	TMA	5	
TMA	427128	5415193	0.06929	385	385	0 ANNUAL	TMA	5	
TMA	427128	5414993	0.07193	383.88	383.88	0 ANNUAL	TMA	5	
TMA	427128	5414793	0.07496	382	382	0 ANNUAL	TMA	5	
TMA	427128	5414593	0.07808	381	381	0 ANNUAL	TMA	5	
TMA	427128	5414393	0.08152	380	380	0 ANNUAL	TMA	5	
TMA	427128	5414193	0.08522	380	380	0 ANNUAL	TMA	5	
TMA	424128	5408393	0.06642	350.25	350.25	0 ANNUAL	TMA	5	
TMA	424128	5408193	0.062	354	354	0 ANNUAL	TMA	5	
TMA	423928	5408393	0.06671	353.49	353.49	0 ANNUAL	TMA	5	
TMA	423928	5408193	0.06211	357.59	357.59	0 ANNUAL	TMA	5	
TMA	423728	5408393	0.06688	355.6	355.6	0 ANNUAL	TMA	5	
TMA	423728	5408193	0.06214	359.84	359.84	0 ANNUAL	TMA	5	
TMA	423528	5408393	0.06665	352	352	0 ANNUAL	TMA	5	
TMA	423528	5408193	0.06184	354.52	354.52	0 ANNUAL	TMA	5	
TMA	423328	5408593	0.07195	349.35	349.35	0 ANNUAL	TMA	5	
TMA	423328	5408393	0.06648	351	351	0 ANNUAL	TMA	5	
TMA	423328	5408193	0.06158	352	352	0 ANNUAL	TMA	5	
TMA	423128	5408593	0.07204	352.5	352.5	0 ANNUAL	TMA	5	
TMA	423128	5408393	0.0665	354.07	354.07	0 ANNUAL	TMA	5	
TMA	423128	5408193	0.06162	356	356	0 ANNUAL	TMA	5	
TMA	422928	5408593	0.07179	353	353	0 ANNUAL	TMA	5	
TMA	422928	5408393	0.06628	355	355	0 ANNUAL	TMA	5	
TMA	422928	5408193	0.06139	357	357	0 ANNUAL	TMA	5	
TMA	422728	5408593	0.07133	353	353	0 ANNUAL	TMA	5	
TMA	422728	5408393	0.06587	355	355	0 ANNUAL	TMA	5	
TMA	422728	5408193	0.06099	356	356	0 ANNUAL	TMA	5	
TMA	422528	5408593	0.07075	354	354	0 ANNUAL	TMA	5	
TMA	422528	5408393	0.06532	354.79	354.79	0 ANNUAL	TMA	5	
TMA	422528	5408193	0.06057	355.99	355.99	0 ANNUAL	TMA	5	
TMA	422328	5408593	0.06985	352	352	0 ANNUAL	TMA	5	
TMA	422328	5408393	0.0646	353	353	0 ANNUAL	TMA	5	
TMA	422328	5408193	0.05998	354	354	0 ANNUAL	TMA	5	
TMA	422128	5408593	0.06898	350	350	0 ANNUAL	TMA	5	
TMA	422128	5408393	0.06392	352	352	0 ANNUAL	TMA	5	
TMA	422128	5408193	0.05945	354	354	0 ANNUAL	TMA	5	
TMA	421928	5408593	0.06834	350	350	0 ANNUAL	TMA	5	
TMA	421928	5408393	0.06333	351.68	351.68	0 ANNUAL	TMA	5	
TMA	421928	5408193	0.05895	354	354	0 ANNUAL	TMA	5	
TMA	421728	5408593	0.06767	349	349	0 ANNUAL	TMA	5	
TMA	421728	5408393	0.06276	351	351	0 ANNUAL	TMA	5	
TMA	421728	5408193	0.05841	353	353	0 ANNUAL	TMA	5	
TMA	421528	5408593	0.06702	348	348	0 ANNUAL	TMA	5	
TMA	421528	5408393	0.06213	349	349	0 ANNUAL	TMA	5	
TMA	421528	5408193	0.05787	351	351	0 ANNUAL	TMA	5	
TMA	421328	5408593	0.06627	345.41	345.41	0 ANNUAL	TMA	5	
TMA	421328	5408393	0.06158	347	347	0 ANNUAL	TMA	5	
TMA	421328	5408193	0.05741	348.81	348.81	0 ANNUAL	TMA	5	
TMA	421128	5408593	0.06572	344.52	344.52	0 ANNUAL	TMA	5	
TMA	421128	5408393	0.06112	345.3	345.3	0 ANNUAL	TMA	5	
TMA	421128	5408193	0.05706	347	347	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	420928	5408593	0.06505	343	343	0 ANNUAL	TMA	5	
TMA	420928	5408393	0.06064	344	344	0 ANNUAL	TMA	5	
TMA	420928	5408193	0.05667	345	345	0 ANNUAL	TMA	5	
TMA	420728	5408593	0.06428	343	343	0 ANNUAL	TMA	5	
TMA	420728	5408393	0.05995	343	343	0 ANNUAL	TMA	5	
TMA	420728	5408193	0.05613	344	344	0 ANNUAL	TMA	5	
TMA	420528	5409393	0.08777	353	353	0 ANNUAL	TMA	5	
TMA	420528	5409193	0.08022	350	350	0 ANNUAL	TMA	5	
TMA	420528	5408993	0.0739	349	349	0 ANNUAL	TMA	5	
TMA	420528	5408793	0.0683	347	347	0 ANNUAL	TMA	5	
TMA	420528	5408593	0.06338	345.03	345.03	0 ANNUAL	TMA	5	
TMA	420528	5408393	0.05903	343	343	0 ANNUAL	TMA	5	
TMA	420528	5408193	0.0553	343	343	0 ANNUAL	TMA	5	
TMA	420328	5409393	0.08552	353.52	353.52	0 ANNUAL	TMA	5	
TMA	420328	5409193	0.07834	350.89	350.89	0 ANNUAL	TMA	5	
TMA	420328	5408993	0.07219	349	349	0 ANNUAL	TMA	5	
TMA	420328	5408793	0.06689	348	348	0 ANNUAL	TMA	5	
TMA	420128	5409393	0.08297	352.9	352.9	0 ANNUAL	TMA	5	
TMA	420128	5409193	0.0761	350	350	0 ANNUAL	TMA	5	
TMA	420128	5408993	0.0703	349	349	0 ANNUAL	TMA	5	
TMA	420128	5408793	0.06523	348	348	0 ANNUAL	TMA	5	
TMA	419928	5409393	0.08052	353	353	0 ANNUAL	TMA	5	
TMA	419928	5409193	0.07406	351	351	0 ANNUAL	TMA	5	
TMA	419928	5408993	0.06851	350	350	0 ANNUAL	TMA	5	
TMA	419928	5408793	0.06363	349	349	0 ANNUAL	TMA	5	
TMA	419728	5409393	0.07793	351	351	0 ANNUAL	TMA	5	
TMA	419728	5409193	0.07194	349.94	349.94	0 ANNUAL	TMA	5	
TMA	419728	5408993	0.06665	349	349	0 ANNUAL	TMA	5	
TMA	419728	5408793	0.06197	348	348	0 ANNUAL	TMA	5	
TMA	419528	5410993	0.14979	356	356	0 ANNUAL	TMA	5	
TMA	419528	5410793	0.13791	355	355	0 ANNUAL	TMA	5	
TMA	419528	5410593	0.12657	357	357	0 ANNUAL	TMA	5	
TMA	419528	5410393	0.11546	358	358	0 ANNUAL	TMA	5	
TMA	419528	5410193	0.10527	356.94	356.94	0 ANNUAL	TMA	5	
TMA	419528	5409993	0.09633	355	355	0 ANNUAL	TMA	5	
TMA	419528	5409793	0.08853	353.29	353.29	0 ANNUAL	TMA	5	
TMA	419528	5409593	0.08158	351.28	351.28	0 ANNUAL	TMA	5	
TMA	419528	5409393	0.07541	350	350	0 ANNUAL	TMA	5	
TMA	419528	5409193	0.06987	349	349	0 ANNUAL	TMA	5	
TMA	419528	5408993	0.06489	348	348	0 ANNUAL	TMA	5	
TMA	419528	5408793	0.06042	347	347	0 ANNUAL	TMA	5	
TMA	419528	5408593	0.05642	346	346	0 ANNUAL	TMA	5	
TMA	419528	5408393	0.05284	345	345	0 ANNUAL	TMA	5	
TMA	419528	5408193	0.04956	343	343	0 ANNUAL	TMA	5	
TMA	419328	5410993	0.13662	355	355	0 ANNUAL	TMA	5	
TMA	419328	5410793	0.12725	353	353	0 ANNUAL	TMA	5	
TMA	419328	5410593	0.118	353	353	0 ANNUAL	TMA	5	
TMA	419328	5410393	0.10877	353.58	353.58	0 ANNUAL	TMA	5	
TMA	419328	5410193	0.09995	353.77	353.77	0 ANNUAL	TMA	5	
TMA	419328	5409993	0.09181	352	352	0 ANNUAL	TMA	5	
TMA	419328	5409793	0.08475	351.03	351.03	0 ANNUAL	TMA	5	
TMA	419328	5409593	0.07849	350.18	350.18	0 ANNUAL	TMA	5	
TMA	419328	5409393	0.07294	350	350	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	419328	5409193	0.06777	348.27	348.27	0 ANNUAL	TMA	5	
TMA	419328	5408993	0.06317	347.63	347.63	0 ANNUAL	TMA	5	
TMA	419328	5408793	0.05899	347	347	0 ANNUAL	TMA	5	
TMA	419328	5408593	0.05519	346	346	0 ANNUAL	TMA	5	
TMA	419328	5408393	0.05173	344.73	344.73	0 ANNUAL	TMA	5	
TMA	419328	5408193	0.04851	342.09	342.09	0 ANNUAL	TMA	5	
TMA	419128	5410993	0.12515	355	355	0 ANNUAL	TMA	5	
TMA	419128	5410793	0.1177	353	353	0 ANNUAL	TMA	5	
TMA	419128	5410593	0.11	351	351	0 ANNUAL	TMA	5	
TMA	419128	5410393	0.10226	350	350	0 ANNUAL	TMA	5	
TMA	419128	5410193	0.09471	350	350	0 ANNUAL	TMA	5	
TMA	419128	5409993	0.08763	350	350	0 ANNUAL	TMA	5	
TMA	419128	5409793	0.08127	350	350	0 ANNUAL	TMA	5	
TMA	419128	5409593	0.07549	349	349	0 ANNUAL	TMA	5	
TMA	419128	5409393	0.07028	348	348	0 ANNUAL	TMA	5	
TMA	419128	5409193	0.06566	348	348	0 ANNUAL	TMA	5	
TMA	419128	5408993	0.06138	347	347	0 ANNUAL	TMA	5	
TMA	419128	5408793	0.05747	346	346	0 ANNUAL	TMA	5	
TMA	419128	5408593	0.05396	346	346	0 ANNUAL	TMA	5	
TMA	419128	5408393	0.05066	344.6	344.6	0 ANNUAL	TMA	5	
TMA	419128	5408193	0.04758	342	342	0 ANNUAL	TMA	5	
TMA	418928	5410993	0.11464	352	352	0 ANNUAL	TMA	5	
TMA	418928	5410793	0.10875	351	351	0 ANNUAL	TMA	5	
TMA	418928	5410593	0.10263	350	350	0 ANNUAL	TMA	5	
TMA	418928	5410393	0.09627	349	349	0 ANNUAL	TMA	5	
TMA	418928	5410193	0.08992	349	349	0 ANNUAL	TMA	5	
TMA	418928	5409993	0.08362	348.44	348.44	0 ANNUAL	TMA	5	
TMA	418928	5409793	0.07779	348	348	0 ANNUAL	TMA	5	
TMA	418928	5409593	0.07258	348	348	0 ANNUAL	TMA	5	
TMA	418928	5409393	0.06778	347	347	0 ANNUAL	TMA	5	
TMA	418928	5409193	0.0635	347	347	0 ANNUAL	TMA	5	
TMA	418928	5408993	0.05951	346	346	0 ANNUAL	TMA	5	
TMA	418928	5408793	0.05595	345.98	345.98	0 ANNUAL	TMA	5	
TMA	418928	5408593	0.05261	345	345	0 ANNUAL	TMA	5	
TMA	418928	5408393	0.04955	344	344	0 ANNUAL	TMA	5	
TMA	418928	5408193	0.04666	342	342	0 ANNUAL	TMA	5	
TMA	418728	5410993	0.10544	349.6	349.6	0 ANNUAL	TMA	5	
TMA	418728	5410793	0.10079	349	349	0 ANNUAL	TMA	5	
TMA	418728	5410593	0.09576	348.05	348.05	0 ANNUAL	TMA	5	
TMA	418728	5410393	0.09058	348	348	0 ANNUAL	TMA	5	
TMA	418728	5410193	0.08511	347.03	347.03	0 ANNUAL	TMA	5	
TMA	418728	5409993	0.07971	347	347	0 ANNUAL	TMA	5	
TMA	418728	5409793	0.07452	347	347	0 ANNUAL	TMA	5	
TMA	418728	5409593	0.06973	347	347	0 ANNUAL	TMA	5	
TMA	418728	5409393	0.06531	346	346	0 ANNUAL	TMA	5	
TMA	418728	5409193	0.06135	346	346	0 ANNUAL	TMA	5	
TMA	418728	5408993	0.05765	345	345	0 ANNUAL	TMA	5	
TMA	418728	5408793	0.05432	345	345	0 ANNUAL	TMA	5	
TMA	418728	5408593	0.05121	344	344	0 ANNUAL	TMA	5	
TMA	418728	5408393	0.04835	343	343	0 ANNUAL	TMA	5	
TMA	418728	5408193	0.04565	341	341	0 ANNUAL	TMA	5	
TMA	418528	5410993	0.09739	349	349	0 ANNUAL	TMA	5	
TMA	418528	5410793	0.09373	348	348	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	418528	5410593	0.08966	347	347	0 ANNUAL	TMA	5	
TMA	418528	5410393	0.08534	347	347	0 ANNUAL	TMA	5	
TMA	418528	5410193	0.08066	346	346	0 ANNUAL	TMA	5	
TMA	418528	5409993	0.07598	346	346	0 ANNUAL	TMA	5	
TMA	418528	5409793	0.07134	346	346	0 ANNUAL	TMA	5	
TMA	418528	5409593	0.06696	346	346	0 ANNUAL	TMA	5	
TMA	418528	5409393	0.06287	345	345	0 ANNUAL	TMA	5	
TMA	418528	5409193	0.05921	345	345	0 ANNUAL	TMA	5	
TMA	418528	5408993	0.05579	344.08	344.08	0 ANNUAL	TMA	5	
TMA	418528	5408793	0.05268	344	344	0 ANNUAL	TMA	5	
TMA	418528	5408593	0.04983	344	344	0 ANNUAL	TMA	5	
TMA	418528	5408393	0.04716	343	343	0 ANNUAL	TMA	5	
TMA	418528	5408193	0.04469	342	342	0 ANNUAL	TMA	5	
TMA	418328	5410993	0.09013	349	349	0 ANNUAL	TMA	5	
TMA	418328	5410793	0.08735	348	348	0 ANNUAL	TMA	5	
TMA	418328	5410593	0.08415	347	347	0 ANNUAL	TMA	5	
TMA	418328	5410393	0.08051	346	346	0 ANNUAL	TMA	5	
TMA	418328	5410193	0.07663	346	346	0 ANNUAL	TMA	5	
TMA	418328	5409993	0.07255	346	346	0 ANNUAL	TMA	5	
TMA	418328	5409793	0.06832	345	345	0 ANNUAL	TMA	5	
TMA	418328	5409593	0.06431	345	345	0 ANNUAL	TMA	5	
TMA	418328	5409393	0.06058	345	345	0 ANNUAL	TMA	5	
TMA	418328	5409193	0.0571	344	344	0 ANNUAL	TMA	5	
TMA	418328	5408993	0.05398	344	344	0 ANNUAL	TMA	5	
TMA	418328	5408793	0.05108	343.82	343.82	0 ANNUAL	TMA	5	
TMA	418328	5408593	0.04836	343	343	0 ANNUAL	TMA	5	
TMA	418328	5408393	0.04591	343	343	0 ANNUAL	TMA	5	
TMA	418328	5408193	0.0436	342	342	0 ANNUAL	TMA	5	
TMA	418128	5410993	0.08335	348	348	0 ANNUAL	TMA	5	
TMA	418128	5410793	0.08142	348	348	0 ANNUAL	TMA	5	
TMA	418128	5410593	0.07895	347	347	0 ANNUAL	TMA	5	
TMA	418128	5410393	0.07607	346	346	0 ANNUAL	TMA	5	
TMA	418128	5410193	0.07286	346	346	0 ANNUAL	TMA	5	
TMA	418128	5409993	0.06934	346	346	0 ANNUAL	TMA	5	
TMA	418128	5409793	0.06557	345	345	0 ANNUAL	TMA	5	
TMA	418128	5409593	0.0619	345	345	0 ANNUAL	TMA	5	
TMA	418128	5409393	0.05841	345	345	0 ANNUAL	TMA	5	
TMA	418128	5409193	0.05512	344	344	0 ANNUAL	TMA	5	
TMA	418128	5408993	0.05219	344	344	0 ANNUAL	TMA	5	
TMA	418128	5408793	0.04944	343	343	0 ANNUAL	TMA	5	
TMA	418128	5408593	0.04694	343	343	0 ANNUAL	TMA	5	
TMA	418128	5408393	0.04458	342	342	0 ANNUAL	TMA	5	
TMA	418128	5408193	0.04245	342	342	0 ANNUAL	TMA	5	
TMA	417928	5410993	0.07733	349	349	0 ANNUAL	TMA	5	
TMA	417928	5410793	0.07592	348	348	0 ANNUAL	TMA	5	
TMA	417928	5410593	0.07406	347	347	0 ANNUAL	TMA	5	
TMA	417928	5410393	0.07191	347	347	0 ANNUAL	TMA	5	
TMA	417928	5410193	0.06925	346	346	0 ANNUAL	TMA	5	
TMA	417928	5409993	0.06629	346	346	0 ANNUAL	TMA	5	
TMA	417928	5409793	0.06307	346	346	0 ANNUAL	TMA	5	
TMA	417928	5409593	0.05974	346	346	0 ANNUAL	TMA	5	
TMA	417928	5409393	0.0564	345	345	0 ANNUAL	TMA	5	
TMA	417928	5409193	0.05327	344	344	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	417928	5408993	0.05048	344	344	0 ANNUAL	TMA	5	
TMA	417928	5408793	0.04788	343	343	0 ANNUAL	TMA	5	
TMA	417928	5408593	0.04553	343	343	0 ANNUAL	TMA	5	
TMA	417928	5408393	0.0433	342	342	0 ANNUAL	TMA	5	
TMA	417928	5408193	0.04129	342	342	0 ANNUAL	TMA	5	
TMA	417728	5410993	0.07169	349	349	0 ANNUAL	TMA	5	
TMA	417728	5410793	0.0708	348	348	0 ANNUAL	TMA	5	
TMA	417728	5410593	0.06946	347	347	0 ANNUAL	TMA	5	
TMA	417728	5410393	0.06784	347	347	0 ANNUAL	TMA	5	
TMA	417728	5410193	0.06582	347	347	0 ANNUAL	TMA	5	
TMA	417728	5409993	0.0634	347	347	0 ANNUAL	TMA	5	
TMA	417728	5409793	0.06066	347	347	0 ANNUAL	TMA	5	
TMA	417728	5409593	0.0577	347	347	0 ANNUAL	TMA	5	
TMA	417728	5409393	0.05462	346	346	0 ANNUAL	TMA	5	
TMA	417728	5409193	0.05169	345.93	345.93	0 ANNUAL	TMA	5	
TMA	417728	5408993	0.04894	345	345	0 ANNUAL	TMA	5	
TMA	417728	5408793	0.04644	344	344	0 ANNUAL	TMA	5	
TMA	417728	5408593	0.04415	343	343	0 ANNUAL	TMA	5	
TMA	417728	5408393	0.04209	343	343	0 ANNUAL	TMA	5	
TMA	417728	5408193	0.04013	342	342	0 ANNUAL	TMA	5	
TMA	417528	5410993	0.06652	349	349	0 ANNUAL	TMA	5	
TMA	417528	5410793	0.06603	348	348	0 ANNUAL	TMA	5	
TMA	417528	5410593	0.06521	348	348	0 ANNUAL	TMA	5	
TMA	417528	5410393	0.06404	348	348	0 ANNUAL	TMA	5	
TMA	417528	5410193	0.06242	347	347	0 ANNUAL	TMA	5	
TMA	417528	5409993	0.06048	347	347	0 ANNUAL	TMA	5	
TMA	417528	5409793	0.05823	347.42	347.42	0 ANNUAL	TMA	5	
TMA	417528	5409593	0.05566	347	347	0 ANNUAL	TMA	5	
TMA	417528	5409393	0.05294	347	347	0 ANNUAL	TMA	5	
TMA	417528	5409193	0.05016	346	346	0 ANNUAL	TMA	5	
TMA	417528	5408993	0.0475	345	345	0 ANNUAL	TMA	5	
TMA	417528	5408793	0.04511	345	345	0 ANNUAL	TMA	5	
TMA	417528	5408593	0.04289	344	344	0 ANNUAL	TMA	5	
TMA	417528	5408393	0.04087	343	343	0 ANNUAL	TMA	5	
TMA	417528	5408193	0.03901	342	342	0 ANNUAL	TMA	5	
TMA	417328	5410993	0.06182	349	349	0 ANNUAL	TMA	5	
TMA	417328	5410793	0.06167	349	349	0 ANNUAL	TMA	5	
TMA	417328	5410593	0.06112	348	348	0 ANNUAL	TMA	5	
TMA	417328	5410393	0.06034	348	348	0 ANNUAL	TMA	5	
TMA	417328	5410193	0.05921	348	348	0 ANNUAL	TMA	5	
TMA	417328	5409993	0.05763	347	347	0 ANNUAL	TMA	5	
TMA	417328	5409793	0.05571	346	346	0 ANNUAL	TMA	5	
TMA	417328	5409593	0.05358	346	346	0 ANNUAL	TMA	5	
TMA	417328	5409393	0.05121	346	346	0 ANNUAL	TMA	5	
TMA	417328	5409193	0.04867	345	345	0 ANNUAL	TMA	5	
TMA	417328	5408993	0.0462	345	345	0 ANNUAL	TMA	5	
TMA	417328	5408793	0.04387	345	345	0 ANNUAL	TMA	5	
TMA	417328	5408593	0.04169	344	344	0 ANNUAL	TMA	5	
TMA	417328	5408393	0.03972	343	343	0 ANNUAL	TMA	5	
TMA	417328	5408193	0.03791	341.83	341.83	0 ANNUAL	TMA	5	
TMA	417128	5410993	0.05765	350	350	0 ANNUAL	TMA	5	
TMA	417128	5410793	0.05759	349	349	0 ANNUAL	TMA	5	
TMA	417128	5410593	0.05733	348.66	348.66	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	417128	5410393	0.05693	350	350	0 ANNUAL	TMA	5	
TMA	417128	5410193	0.05616	350	350	0 ANNUAL	TMA	5	
TMA	417128	5409993	0.05502	350	350	0 ANNUAL	TMA	5	
TMA	417128	5409793	0.05345	348.57	348.57	0 ANNUAL	TMA	5	
TMA	417128	5409593	0.05157	346.6	346.6	0 ANNUAL	TMA	5	
TMA	417128	5409393	0.04953	346	346	0 ANNUAL	TMA	5	
TMA	417128	5409193	0.04728	345	345	0 ANNUAL	TMA	5	
TMA	417128	5408993	0.04496	344	344	0 ANNUAL	TMA	5	
TMA	417128	5408793	0.04268	343	343	0 ANNUAL	TMA	5	
TMA	417128	5408593	0.04059	343	343	0 ANNUAL	TMA	5	
TMA	417128	5408393	0.03864	342	342	0 ANNUAL	TMA	5	
TMA	417128	5408193	0.03687	341	341	0 ANNUAL	TMA	5	
TMA	416928	5410993	0.05398	353	353	0 ANNUAL	TMA	5	
TMA	416928	5410793	0.05391	350	350	0 ANNUAL	TMA	5	
TMA	416928	5410593	0.05382	349.92	349.92	0 ANNUAL	TMA	5	
TMA	416928	5410393	0.05358	350	350	0 ANNUAL	TMA	5	
TMA	416928	5410193	0.05316	351	351	0 ANNUAL	TMA	5	
TMA	416928	5409993	0.05236	351	351	0 ANNUAL	TMA	5	
TMA	416928	5409793	0.05116	350	350	0 ANNUAL	TMA	5	
TMA	416928	5409593	0.04969	350	350	0 ANNUAL	TMA	5	
TMA	416928	5409393	0.04794	349	349	0 ANNUAL	TMA	5	
TMA	416928	5409193	0.04596	347	347	0 ANNUAL	TMA	5	
TMA	416928	5408993	0.04388	346	346	0 ANNUAL	TMA	5	
TMA	416928	5408793	0.04175	345	345	0 ANNUAL	TMA	5	
TMA	416928	5408593	0.03969	344	344	0 ANNUAL	TMA	5	
TMA	416928	5408393	0.03779	344	344	0 ANNUAL	TMA	5	
TMA	416928	5408193	0.03603	343	343	0 ANNUAL	TMA	5	
TMA	416728	5410993	0.05046	351.06	351.06	0 ANNUAL	TMA	5	
TMA	416728	5410793	0.05056	351	351	0 ANNUAL	TMA	5	
TMA	416728	5410593	0.05051	350	350	0 ANNUAL	TMA	5	
TMA	416728	5410393	0.05046	351	351	0 ANNUAL	TMA	5	
TMA	416728	5410193	0.05027	352	352	0 ANNUAL	TMA	5	
TMA	416728	5409993	0.04978	352	352	0 ANNUAL	TMA	5	
TMA	416728	5409793	0.04889	351	351	0 ANNUAL	TMA	5	
TMA	416728	5409593	0.04768	350	350	0 ANNUAL	TMA	5	
TMA	416728	5409393	0.04623	349.5	349.5	0 ANNUAL	TMA	5	
TMA	416728	5409193	0.0446	349.3	349.3	0 ANNUAL	TMA	5	
TMA	416728	5408993	0.0428	348.99	348.99	0 ANNUAL	TMA	5	
TMA	416728	5408793	0.04086	347.94	347.94	0 ANNUAL	TMA	5	
TMA	416728	5408593	0.03889	346	346	0 ANNUAL	TMA	5	
TMA	416728	5408393	0.03701	345	345	0 ANNUAL	TMA	5	
TMA	416728	5408193	0.03523	343	343	0 ANNUAL	TMA	5	
TMA	416528	5410993	0.04768	361.2	361.2	0 ANNUAL	TMA	5	
TMA	416528	5410793	0.04766	356	356	0 ANNUAL	TMA	5	
TMA	416528	5410593	0.04759	352.93	352.93	0 ANNUAL	TMA	5	
TMA	416528	5410393	0.04751	351	351	0 ANNUAL	TMA	5	
TMA	416528	5410193	0.04751	353	353	0 ANNUAL	TMA	5	
TMA	416528	5409993	0.04729	354	354	0 ANNUAL	TMA	5	
TMA	416528	5409793	0.0467	353	353	0 ANNUAL	TMA	5	
TMA	416528	5409593	0.04576	351.77	351.77	0 ANNUAL	TMA	5	
TMA	416528	5409393	0.04456	351	351	0 ANNUAL	TMA	5	
TMA	416528	5409193	0.04315	350	350	0 ANNUAL	TMA	5	
TMA	416528	5408993	0.04157	349	349	0 ANNUAL	TMA	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	416528	5408793	0.03982	347	347	0 ANNUAL	TMA	5	
TMA	416528	5408593	0.03801	345	345	0 ANNUAL	TMA	5	
TMA	416528	5408393	0.0362	343	343	0 ANNUAL	TMA	5	
TMA	416528	5408193	0.03448	341.73	341.73	0 ANNUAL	TMA	5	
TMA	416328	5410993	0.04495	367.86	367.86	0 ANNUAL	TMA	5	
TMA	416328	5410793	0.04494	359	359	0 ANNUAL	TMA	5	
TMA	416328	5410593	0.04489	355.8	355.8	0 ANNUAL	TMA	5	
TMA	416328	5410393	0.0448	352	352	0 ANNUAL	TMA	5	
TMA	416328	5410193	0.04487	353.47	353.47	0 ANNUAL	TMA	5	
TMA	416328	5409993	0.04485	355	355	0 ANNUAL	TMA	5	
TMA	416328	5409793	0.04451	354	354	0 ANNUAL	TMA	5	
TMA	416328	5409593	0.04385	353	353	0 ANNUAL	TMA	5	
TMA	416328	5409393	0.04289	351.99	351.99	0 ANNUAL	TMA	5	
TMA	416328	5409193	0.04167	350	350	0 ANNUAL	TMA	5	
TMA	416328	5408993	0.0403	348.73	348.73	0 ANNUAL	TMA	5	
TMA	416328	5408793	0.03868	344	344	0 ANNUAL	TMA	5	
TMA	416328	5408593	0.03702	341	341	0 ANNUAL	TMA	5	
TMA	416328	5408393	0.03541	341	341	0 ANNUAL	TMA	5	
TMA	416328	5408193	0.03382	341	341	0 ANNUAL	TMA	5	
TMA	416128	5410993	0.04237	364.98	364.98	0 ANNUAL	TMA	5	
TMA	416128	5410793	0.04244	361.31	361.31	0 ANNUAL	TMA	5	
TMA	416128	5410593	0.04243	359	359	0 ANNUAL	TMA	5	
TMA	416128	5410393	0.04239	356	356	0 ANNUAL	TMA	5	
TMA	416128	5410193	0.04238	353	353	0 ANNUAL	TMA	5	
TMA	416128	5409993	0.04245	354	354	0 ANNUAL	TMA	5	
TMA	416128	5409793	0.04234	354	354	0 ANNUAL	TMA	5	
TMA	416128	5409593	0.04192	353	353	0 ANNUAL	TMA	5	
TMA	416128	5409393	0.04121	352	352	0 ANNUAL	TMA	5	
TMA	416128	5409193	0.04021	350	350	0 ANNUAL	TMA	5	
TMA	416128	5408993	0.03904	349	349	0 ANNUAL	TMA	5	
TMA	416128	5408793	0.03767	345.96	345.96	0 ANNUAL	TMA	5	
TMA	416128	5408593	0.03618	342.33	342.33	0 ANNUAL	TMA	5	
TMA	416128	5408393	0.03474	343	343	0 ANNUAL	TMA	5	
TMA	416128	5408193	0.03325	343	343	0 ANNUAL	TMA	5	
TMA	418928	5413193	0.11323	371.76	371.76	0 ANNUAL	TMA	5	
TMA	418928	5413393	0.11205	369.38	369.38	0 ANNUAL	TMA	5	
TMA	418928	5413593	0.11102	367.41	367.41	0 ANNUAL	TMA	5	
TMA	418928	5413793	0.10996	372.61	372.61	0 ANNUAL	TMA	5	
TMA	418928	5413993	0.10759	381	381	0 ANNUAL	TMA	5	
TMA	418928	5414193	0.10708	379	379	0 ANNUAL	TMA	5	
TMA	418928	5414393	0.10655	376	376	0 ANNUAL	TMA	5	
TMA	418928	5414593	0.10513	379	379	0 ANNUAL	TMA	5	
TMA	418928	5414793	0.10383	380	380	0 ANNUAL	TMA	5	
TMA	418928	5414993	0.10272	378	378	0 ANNUAL	TMA	5	
TMA	418928	5415193	0.10104	378	378	0 ANNUAL	TMA	5	
TMA	418928	5415393	0.09881	380	380	0 ANNUAL	TMA	5	
TMA	418928	5415593	0.09631	381.68	381.68	0 ANNUAL	TMA	5	
TMA	418928	5415793	0.09406	380.27	380.27	0 ANNUAL	TMA	5	
TMA	418928	5415993	0.0917	378.04	378.04	0 ANNUAL	TMA	5	
TMA	418928	5416193	0.08928	373.71	373.71	0 ANNUAL	TMA	5	
TMA	418928	5416393	0.08663	370.1	370.1	0 ANNUAL	TMA	5	
TMA	418928	5416593	0.0839	370	370	0 ANNUAL	TMA	5	
TMA	418928	5416793	0.08117	369	369	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	418928	5416993	0.07841	368.14	368.14	0 ANNUAL	TMA	5	
TMA	418928	5417193	0.0757	368.37	368.37	0 ANNUAL	TMA	5	
TMA	418928	5417393	0.07308	370	370	0 ANNUAL	TMA	5	
TMA	418928	5417593	0.0706	370	370	0 ANNUAL	TMA	5	
TMA	418928	5417793	0.06827	370	370	0 ANNUAL	TMA	5	
TMA	418928	5417993	0.06604	366.1	366.1	0 ANNUAL	TMA	5	
TMA	418928	5418193	0.06396	368	368	0 ANNUAL	TMA	5	
TMA	418928	5418393	0.0619	366.65	366.65	0 ANNUAL	TMA	5	
TMA	418928	5418593	0.05982	361.17	361.17	0 ANNUAL	TMA	5	
TMA	418928	5418793	0.0579	361	361	0 ANNUAL	TMA	5	
TMA	418928	5418993	0.05604	361	361	0 ANNUAL	TMA	5	
TMA	418928	5419193	0.05427	362.73	362.73	0 ANNUAL	TMA	5	
TMA	418728	5413593	0.09849	370	370	0 ANNUAL	TMA	5	
TMA	418728	5413793	0.09754	375.05	375.05	0 ANNUAL	TMA	5	
TMA	418728	5413993	0.09683	375.91	375.91	0 ANNUAL	TMA	5	
TMA	418728	5414193	0.09667	372.18	372.18	0 ANNUAL	TMA	5	
TMA	418728	5414393	0.09605	372.2	372.2	0 ANNUAL	TMA	5	
TMA	418728	5414593	0.09512	375	375	0 ANNUAL	TMA	5	
TMA	418728	5414793	0.09433	375	375	0 ANNUAL	TMA	5	
TMA	418728	5414993	0.0932	378.01	378.01	0 ANNUAL	TMA	5	
TMA	418728	5415193	0.09208	379	379	0 ANNUAL	TMA	5	
TMA	418728	5415393	0.09083	378.19	378.19	0 ANNUAL	TMA	5	
TMA	418728	5415593	0.08932	375.93	375.93	0 ANNUAL	TMA	5	
TMA	418728	5415793	0.08756	373	373	0 ANNUAL	TMA	5	
TMA	418728	5415993	0.0855	372	372	0 ANNUAL	TMA	5	
TMA	418728	5416193	0.08332	370	370	0 ANNUAL	TMA	5	
TMA	418728	5416393	0.08104	369	369	0 ANNUAL	TMA	5	
TMA	418728	5416593	0.07873	368	368	0 ANNUAL	TMA	5	
TMA	418728	5416793	0.07641	367	367	0 ANNUAL	TMA	5	
TMA	418728	5416993	0.07408	367	367	0 ANNUAL	TMA	5	
TMA	418728	5417193	0.07174	367	367	0 ANNUAL	TMA	5	
TMA	418728	5417393	0.06944	367.6	367.6	0 ANNUAL	TMA	5	
TMA	418728	5417593	0.06722	368	368	0 ANNUAL	TMA	5	
TMA	418728	5417793	0.06511	366.88	366.88	0 ANNUAL	TMA	5	
TMA	418728	5417993	0.06306	363.2	363.2	0 ANNUAL	TMA	5	
TMA	418728	5418193	0.06117	362.9	362.9	0 ANNUAL	TMA	5	
TMA	418728	5418393	0.05931	361	361	0 ANNUAL	TMA	5	
TMA	418728	5418593	0.05752	360	360	0 ANNUAL	TMA	5	
TMA	418728	5418793	0.05579	360	360	0 ANNUAL	TMA	5	
TMA	418728	5418993	0.05413	361	361	0 ANNUAL	TMA	5	
TMA	418728	5419193	0.0525	361	361	0 ANNUAL	TMA	5	
TMA	418528	5413593	0.088	371	371	0 ANNUAL	TMA	5	
TMA	418528	5413793	0.08768	371	371	0 ANNUAL	TMA	5	
TMA	418528	5413993	0.08743	369	369	0 ANNUAL	TMA	5	
TMA	418528	5414193	0.08711	370.62	370.62	0 ANNUAL	TMA	5	
TMA	418528	5414393	0.0865	375.56	375.56	0 ANNUAL	TMA	5	
TMA	418528	5414593	0.08597	377.75	377.75	0 ANNUAL	TMA	5	
TMA	418528	5414793	0.08525	380	380	0 ANNUAL	TMA	5	
TMA	418528	5414993	0.08464	380	380	0 ANNUAL	TMA	5	
TMA	418528	5415193	0.08397	380	380	0 ANNUAL	TMA	5	
TMA	418528	5415393	0.08315	380	380	0 ANNUAL	TMA	5	
TMA	418528	5415593	0.08209	380	380	0 ANNUAL	TMA	5	
TMA	418528	5415793	0.08089	378.3	378.3	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	418528	5415993	0.07947	374.67	374.67	0 ANNUAL	TMA	5	
TMA	418528	5416193	0.07779	370	370	0 ANNUAL	TMA	5	
TMA	418528	5416393	0.07588	369	369	0 ANNUAL	TMA	5	
TMA	418528	5416593	0.0739	367.76	367.76	0 ANNUAL	TMA	5	
TMA	418528	5416793	0.0719	366	366	0 ANNUAL	TMA	5	
TMA	418528	5416993	0.0699	365	365	0 ANNUAL	TMA	5	
TMA	418528	5417193	0.06789	365	365	0 ANNUAL	TMA	5	
TMA	418528	5417393	0.06588	365	365	0 ANNUAL	TMA	5	
TMA	418528	5417593	0.06391	365	365	0 ANNUAL	TMA	5	
TMA	418528	5417793	0.06201	364.97	364.97	0 ANNUAL	TMA	5	
TMA	418528	5417993	0.06018	363	363	0 ANNUAL	TMA	5	
TMA	418528	5418193	0.05842	360	360	0 ANNUAL	TMA	5	
TMA	418528	5418393	0.0568	360	360	0 ANNUAL	TMA	5	
TMA	418528	5418593	0.05521	359	359	0 ANNUAL	TMA	5	
TMA	418528	5418793	0.05369	360	360	0 ANNUAL	TMA	5	
TMA	418528	5418993	0.05218	360	360	0 ANNUAL	TMA	5	
TMA	418528	5419193	0.0507	360	360	0 ANNUAL	TMA	5	
TMA	418328	5413593	0.07924	370	370	0 ANNUAL	TMA	5	
TMA	418328	5413793	0.07904	367.98	367.98	0 ANNUAL	TMA	5	
TMA	418328	5413993	0.07896	369.86	369.86	0 ANNUAL	TMA	5	
TMA	418328	5414193	0.07883	373.04	373.04	0 ANNUAL	TMA	5	
TMA	418328	5414393	0.07813	380	380	0 ANNUAL	TMA	5	
TMA	418328	5414593	0.07822	378.35	378.35	0 ANNUAL	TMA	5	
TMA	418328	5414793	0.07807	377	377	0 ANNUAL	TMA	5	
TMA	418328	5414993	0.07767	377	377	0 ANNUAL	TMA	5	
TMA	418328	5415193	0.0771	378	378	0 ANNUAL	TMA	5	
TMA	418328	5415393	0.07635	380	380	0 ANNUAL	TMA	5	
TMA	418328	5415593	0.07564	380	380	0 ANNUAL	TMA	5	
TMA	418328	5415793	0.07476	380	380	0 ANNUAL	TMA	5	
TMA	418328	5415993	0.07384	377	377	0 ANNUAL	TMA	5	
TMA	418328	5416193	0.0726	373.16	373.16	0 ANNUAL	TMA	5	
TMA	418328	5416393	0.07112	370	370	0 ANNUAL	TMA	5	
TMA	418328	5416593	0.06947	367.89	367.89	0 ANNUAL	TMA	5	
TMA	418328	5416793	0.06773	365	365	0 ANNUAL	TMA	5	
TMA	418328	5416993	0.06599	364	364	0 ANNUAL	TMA	5	
TMA	418328	5417193	0.06422	363	363	0 ANNUAL	TMA	5	
TMA	418328	5417393	0.06247	363	363	0 ANNUAL	TMA	5	
TMA	418328	5417593	0.06071	362.8	362.8	0 ANNUAL	TMA	5	
TMA	418328	5417793	0.05899	362	362	0 ANNUAL	TMA	5	
TMA	418328	5417993	0.05737	361.94	361.94	0 ANNUAL	TMA	5	
TMA	418328	5418193	0.05581	361	361	0 ANNUAL	TMA	5	
TMA	418328	5418393	0.05434	360	360	0 ANNUAL	TMA	5	
TMA	418328	5418593	0.05292	359	359	0 ANNUAL	TMA	5	
TMA	418328	5418793	0.05156	359	359	0 ANNUAL	TMA	5	
TMA	418328	5418993	0.05023	359.74	359.74	0 ANNUAL	TMA	5	
TMA	418328	5419193	0.04894	362.09	362.09	0 ANNUAL	TMA	5	
TMA	418128	5413593	0.0718	366	366	0 ANNUAL	TMA	5	
TMA	418128	5413793	0.07161	366.1	366.1	0 ANNUAL	TMA	5	
TMA	418128	5413993	0.07167	369	369	0 ANNUAL	TMA	5	
TMA	418128	5414193	0.07173	371	371	0 ANNUAL	TMA	5	
TMA	418128	5414393	0.07179	373	373	0 ANNUAL	TMA	5	
TMA	418128	5414593	0.07171	374.6	374.6	0 ANNUAL	TMA	5	
TMA	418128	5414793	0.07148	378.04	378.04	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	418128	5414993	0.07114	380	380	0 ANNUAL	TMA	5	
TMA	418128	5415193	0.07088	379	379	0 ANNUAL	TMA	5	
TMA	418128	5415393	0.07038	380	380	0 ANNUAL	TMA	5	
TMA	418128	5415593	0.06976	381	381	0 ANNUAL	TMA	5	
TMA	418128	5415793	0.0692	380	380	0 ANNUAL	TMA	5	
TMA	418128	5415993	0.06865	376	376	0 ANNUAL	TMA	5	
TMA	418128	5416193	0.06779	372.29	372.29	0 ANNUAL	TMA	5	
TMA	418128	5416393	0.06666	370	370	0 ANNUAL	TMA	5	
TMA	418128	5416593	0.06534	367.02	367.02	0 ANNUAL	TMA	5	
TMA	418128	5416793	0.06386	364	364	0 ANNUAL	TMA	5	
TMA	418128	5416993	0.06234	362	362	0 ANNUAL	TMA	5	
TMA	418128	5417193	0.06083	362	362	0 ANNUAL	TMA	5	
TMA	418128	5417393	0.0593	363	363	0 ANNUAL	TMA	5	
TMA	418128	5417593	0.05772	362	362	0 ANNUAL	TMA	5	
TMA	418128	5417793	0.05613	360	360	0 ANNUAL	TMA	5	
TMA	418128	5417993	0.05464	359.79	359.79	0 ANNUAL	TMA	5	
TMA	418128	5418193	0.05323	359.6	359.6	0 ANNUAL	TMA	5	
TMA	418128	5418393	0.05191	360	360	0 ANNUAL	TMA	5	
TMA	418128	5418593	0.05066	360	360	0 ANNUAL	TMA	5	
TMA	418128	5418793	0.04945	359.96	359.96	0 ANNUAL	TMA	5	
TMA	418128	5418993	0.04826	359.34	359.34	0 ANNUAL	TMA	5	
TMA	418128	5419193	0.0471	360	360	0 ANNUAL	TMA	5	
TMA	417928	5411193	0.07805	350	350	0 ANNUAL	TMA	5	
TMA	417928	5411393	0.07816	352.36	352.36	0 ANNUAL	TMA	5	
TMA	417928	5411593	0.07792	357	357	0 ANNUAL	TMA	5	
TMA	417928	5411793	0.07729	360.88	360.88	0 ANNUAL	TMA	5	
TMA	417928	5411993	0.07631	363	363	0 ANNUAL	TMA	5	
TMA	417928	5412193	0.07516	367.65	367.65	0 ANNUAL	TMA	5	
TMA	417928	5412393	0.07366	370	370	0 ANNUAL	TMA	5	
TMA	417928	5412593	0.07199	370	370	0 ANNUAL	TMA	5	
TMA	417928	5412793	0.0702	368.14	368.14	0 ANNUAL	TMA	5	
TMA	417928	5412993	0.06836	364	364	0 ANNUAL	TMA	5	
TMA	417928	5413193	0.06689	362	362	0 ANNUAL	TMA	5	
TMA	417928	5413393	0.066	363	363	0 ANNUAL	TMA	5	
TMA	417928	5413593	0.06549	364.34	364.34	0 ANNUAL	TMA	5	
TMA	417928	5413793	0.06528	366	366	0 ANNUAL	TMA	5	
TMA	417928	5413993	0.06534	368.34	368.34	0 ANNUAL	TMA	5	
TMA	417928	5414193	0.06551	370	370	0 ANNUAL	TMA	5	
TMA	417928	5414393	0.06567	374	374	0 ANNUAL	TMA	5	
TMA	417928	5414593	0.06556	378.51	378.51	0 ANNUAL	TMA	5	
TMA	417928	5414793	0.06559	380.03	380.03	0 ANNUAL	TMA	5	
TMA	417928	5414993	0.0655	381	381	0 ANNUAL	TMA	5	
TMA	417928	5415193	0.0654	380	380	0 ANNUAL	TMA	5	
TMA	417928	5415393	0.06511	380	380	0 ANNUAL	TMA	5	
TMA	417928	5415593	0.06478	379.01	379.01	0 ANNUAL	TMA	5	
TMA	417928	5415793	0.06433	378	378	0 ANNUAL	TMA	5	
TMA	417928	5415993	0.06383	376	376	0 ANNUAL	TMA	5	
TMA	417928	5416193	0.06325	373	373	0 ANNUAL	TMA	5	
TMA	417928	5416393	0.06243	370.83	370.83	0 ANNUAL	TMA	5	
TMA	417928	5416593	0.06141	366.14	366.14	0 ANNUAL	TMA	5	
TMA	417928	5416793	0.06016	360.51	360.51	0 ANNUAL	TMA	5	
TMA	417928	5416993	0.05892	360	360	0 ANNUAL	TMA	5	
TMA	417928	5417193	0.0577	362.89	362.89	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	417928	5417393	0.05641	366.73	366.73	0 ANNUAL	TMA	5	
TMA	417928	5417593	0.055	364.97	364.97	0 ANNUAL	TMA	5	
TMA	417928	5417793	0.05351	360	360	0 ANNUAL	TMA	5	
TMA	417928	5417993	0.05209	358	358	0 ANNUAL	TMA	5	
TMA	417928	5418193	0.05078	358	358	0 ANNUAL	TMA	5	
TMA	417928	5418393	0.04954	358	358	0 ANNUAL	TMA	5	
TMA	417928	5418593	0.04837	357	357	0 ANNUAL	TMA	5	
TMA	417928	5418793	0.04731	358	358	0 ANNUAL	TMA	5	
TMA	417928	5418993	0.04628	359	359	0 ANNUAL	TMA	5	
TMA	417928	5419193	0.04527	360.05	360.05	0 ANNUAL	TMA	5	
TMA	417728	5411193	0.07204	350.67	350.67	0 ANNUAL	TMA	5	
TMA	417728	5411393	0.07205	355	355	0 ANNUAL	TMA	5	
TMA	417728	5411593	0.07163	358	358	0 ANNUAL	TMA	5	
TMA	417728	5411793	0.07114	364.92	368	0 ANNUAL	TMA	5	
TMA	417728	5411993	0.07025	370.95	370.95	0 ANNUAL	TMA	5	
TMA	417728	5412193	0.06912	371	371	0 ANNUAL	TMA	5	
TMA	417728	5412393	0.06779	370	370	0 ANNUAL	TMA	5	
TMA	417728	5412593	0.06628	368.99	368.99	0 ANNUAL	TMA	5	
TMA	417728	5412793	0.06462	368.26	368.26	0 ANNUAL	TMA	5	
TMA	417728	5412993	0.06295	367.08	367.08	0 ANNUAL	TMA	5	
TMA	417728	5413193	0.06147	361	361	0 ANNUAL	TMA	5	
TMA	417728	5413393	0.06064	363	363	0 ANNUAL	TMA	5	
TMA	417728	5413593	0.06011	364	364	0 ANNUAL	TMA	5	
TMA	417728	5413793	0.05984	365	365	0 ANNUAL	TMA	5	
TMA	417728	5413993	0.05985	367	367	0 ANNUAL	TMA	5	
TMA	417728	5414193	0.06006	369.12	369.12	0 ANNUAL	TMA	5	
TMA	417728	5414393	0.06028	373.75	373.75	0 ANNUAL	TMA	5	
TMA	417728	5414593	0.06028	379	379	0 ANNUAL	TMA	5	
TMA	417728	5414793	0.06043	381	381	0 ANNUAL	TMA	5	
TMA	417728	5414993	0.06055	381	381	0 ANNUAL	TMA	5	
TMA	417728	5415193	0.06057	380	380	0 ANNUAL	TMA	5	
TMA	417728	5415393	0.06056	377	377	0 ANNUAL	TMA	5	
TMA	417728	5415593	0.06036	375.41	375.41	0 ANNUAL	TMA	5	
TMA	417728	5415793	0.06001	374.72	374.72	0 ANNUAL	TMA	5	
TMA	417728	5415993	0.05962	373.61	373.61	0 ANNUAL	TMA	5	
TMA	417728	5416193	0.0591	371.69	371.69	0 ANNUAL	TMA	5	
TMA	417728	5416393	0.05849	369.13	369.13	0 ANNUAL	TMA	5	
TMA	417728	5416593	0.05766	364	364	0 ANNUAL	TMA	5	
TMA	417728	5416793	0.05669	360	360	0 ANNUAL	TMA	5	
TMA	417728	5416993	0.05576	362	362	0 ANNUAL	TMA	5	
TMA	417728	5417193	0.05477	366.63	366.63	0 ANNUAL	TMA	5	
TMA	417728	5417393	0.05365	370	370	0 ANNUAL	TMA	5	
TMA	417728	5417593	0.05238	363.08	363.08	0 ANNUAL	TMA	5	
TMA	417728	5417793	0.05103	358	358	0 ANNUAL	TMA	5	
TMA	417728	5417993	0.04975	357	357	0 ANNUAL	TMA	5	
TMA	417728	5418193	0.04852	357	357	0 ANNUAL	TMA	5	
TMA	417728	5418393	0.04733	356.12	356.12	0 ANNUAL	TMA	5	
TMA	417728	5418593	0.04624	356	356	0 ANNUAL	TMA	5	
TMA	417728	5418793	0.04525	357	357	0 ANNUAL	TMA	5	
TMA	417728	5418993	0.04435	360	360	0 ANNUAL	TMA	5	
TMA	417728	5419193	0.04343	360	360	0 ANNUAL	TMA	5	
TMA	417528	5411193	0.06662	350.96	350.96	0 ANNUAL	TMA	5	
TMA	417528	5411393	0.06666	358.01	358.01	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	417528	5411593	0.06631	363.74	363.74	0 ANNUAL	TMA	5	
TMA	417528	5411793	0.06568	372	372	0 ANNUAL	TMA	5	
TMA	417528	5411993	0.06488	370.99	370.99	0 ANNUAL	TMA	5	
TMA	417528	5412193	0.0639	369.04	369.04	0 ANNUAL	TMA	5	
TMA	417528	5412393	0.06267	370	370	0 ANNUAL	TMA	5	
TMA	417528	5412593	0.06128	368.09	368.09	0 ANNUAL	TMA	5	
TMA	417528	5412793	0.05975	369.26	369.26	0 ANNUAL	TMA	5	
TMA	417528	5412993	0.05818	372	372	0 ANNUAL	TMA	5	
TMA	417528	5413193	0.05677	360	360	0 ANNUAL	TMA	5	
TMA	417528	5413393	0.05594	361.45	361.45	0 ANNUAL	TMA	5	
TMA	417528	5413593	0.05543	363	363	0 ANNUAL	TMA	5	
TMA	417528	5413793	0.05516	365	365	0 ANNUAL	TMA	5	
TMA	417528	5413993	0.0551	366.22	366.22	0 ANNUAL	TMA	5	
TMA	417528	5414193	0.05526	368	368	0 ANNUAL	TMA	5	
TMA	417528	5414393	0.05555	370	370	0 ANNUAL	TMA	5	
TMA	417528	5414593	0.05579	374.26	374.26	0 ANNUAL	TMA	5	
TMA	417528	5414793	0.05601	377.96	377.96	0 ANNUAL	TMA	5	
TMA	417528	5414993	0.05617	380	380	0 ANNUAL	TMA	5	
TMA	417528	5415193	0.05626	379.84	379.84	0 ANNUAL	TMA	5	
TMA	417528	5415393	0.05633	377	377	0 ANNUAL	TMA	5	
TMA	417528	5415593	0.05629	374	374	0 ANNUAL	TMA	5	
TMA	417528	5415793	0.05607	371.94	371.94	0 ANNUAL	TMA	5	
TMA	417528	5415993	0.05575	370	370	0 ANNUAL	TMA	5	
TMA	417528	5416193	0.05533	369	369	0 ANNUAL	TMA	5	
TMA	417528	5416393	0.05479	365.03	365.03	0 ANNUAL	TMA	5	
TMA	417528	5416593	0.05412	361	361	0 ANNUAL	TMA	5	
TMA	417528	5416793	0.05344	361.24	361.24	0 ANNUAL	TMA	5	
TMA	417528	5416993	0.05277	368.53	368.53	0 ANNUAL	TMA	5	
TMA	417528	5417193	0.0519	366.5	366.5	0 ANNUAL	TMA	5	
TMA	417528	5417393	0.05088	361.07	361.07	0 ANNUAL	TMA	5	
TMA	417528	5417593	0.04982	358	358	0 ANNUAL	TMA	5	
TMA	417528	5417793	0.04872	357	357	0 ANNUAL	TMA	5	
TMA	417528	5417993	0.04758	356	356	0 ANNUAL	TMA	5	
TMA	417528	5418193	0.04645	356	356	0 ANNUAL	TMA	5	
TMA	417528	5418393	0.04532	355	355	0 ANNUAL	TMA	5	
TMA	417528	5418593	0.04428	355	355	0 ANNUAL	TMA	5	
TMA	417528	5418793	0.0433	355	355	0 ANNUAL	TMA	5	
TMA	417528	5418993	0.04245	358	358	0 ANNUAL	TMA	5	
TMA	417528	5419193	0.04165	360.85	360.85	0 ANNUAL	TMA	5	
TMA	417328	5411193	0.06174	350.35	350.35	0 ANNUAL	TMA	5	
TMA	417328	5411393	0.06166	355.98	355.98	0 ANNUAL	TMA	5	
TMA	417328	5411593	0.06147	365.62	365.62	0 ANNUAL	TMA	5	
TMA	417328	5411793	0.0609	370.42	370.42	0 ANNUAL	TMA	5	
TMA	417328	5411993	0.06018	367.31	367.31	0 ANNUAL	TMA	5	
TMA	417328	5412193	0.05922	364.03	364.03	0 ANNUAL	TMA	5	
TMA	417328	5412393	0.05818	368	368	0 ANNUAL	TMA	5	
TMA	417328	5412593	0.05682	363.72	363.72	0 ANNUAL	TMA	5	
TMA	417328	5412793	0.05546	367.13	367.13	0 ANNUAL	TMA	5	
TMA	417328	5412993	0.05405	367.96	367.96	0 ANNUAL	TMA	5	
TMA	417328	5413193	0.05269	360	360	0 ANNUAL	TMA	5	
TMA	417328	5413393	0.05185	360.28	360.28	0 ANNUAL	TMA	5	
TMA	417328	5413593	0.05137	363.32	363.32	0 ANNUAL	TMA	5	
TMA	417328	5413793	0.05111	367.31	367.31	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	417328	5413993	0.05099	370	370	0 ANNUAL	TMA	5	
TMA	417328	5414193	0.05106	370.92	370.92	0 ANNUAL	TMA	5	
TMA	417328	5414393	0.05131	371	371	0 ANNUAL	TMA	5	
TMA	417328	5414593	0.05165	373	373	0 ANNUAL	TMA	5	
TMA	417328	5414793	0.05193	375.88	375.88	0 ANNUAL	TMA	5	
TMA	417328	5414993	0.05226	377	377	0 ANNUAL	TMA	5	
TMA	417328	5415193	0.05249	375.97	375.97	0 ANNUAL	TMA	5	
TMA	417328	5415393	0.05261	373	373	0 ANNUAL	TMA	5	
TMA	417328	5415593	0.05259	371	371	0 ANNUAL	TMA	5	
TMA	417328	5415793	0.05245	370	370	0 ANNUAL	TMA	5	
TMA	417328	5415993	0.05221	368	368	0 ANNUAL	TMA	5	
TMA	417328	5416193	0.05187	366.12	366.12	0 ANNUAL	TMA	5	
TMA	417328	5416393	0.05142	363.16	363.16	0 ANNUAL	TMA	5	
TMA	417328	5416593	0.05091	361	361	0 ANNUAL	TMA	5	
TMA	417328	5416793	0.05038	362.06	362.06	0 ANNUAL	TMA	5	
TMA	417328	5416993	0.04981	365.53	365.53	0 ANNUAL	TMA	5	
TMA	417328	5417193	0.04906	361.11	361.11	0 ANNUAL	TMA	5	
TMA	417328	5417393	0.04825	358	358	0 ANNUAL	TMA	5	
TMA	417328	5417593	0.04741	357	357	0 ANNUAL	TMA	5	
TMA	417328	5417793	0.04649	356	356	0 ANNUAL	TMA	5	
TMA	417328	5417993	0.04554	356	356	0 ANNUAL	TMA	5	
TMA	417328	5418193	0.04453	356	356	0 ANNUAL	TMA	5	
TMA	417328	5418393	0.04352	356	356	0 ANNUAL	TMA	5	
TMA	417328	5418593	0.0425	355.03	355.03	0 ANNUAL	TMA	5	
TMA	417328	5418793	0.04154	354	354	0 ANNUAL	TMA	5	
TMA	417328	5418993	0.04077	360	360	0 ANNUAL	TMA	5	
TMA	417328	5419193	0.03999	363.72	363.72	0 ANNUAL	TMA	5	
TMA	417128	5411193	0.05769	355.22	355.22	0 ANNUAL	TMA	5	
TMA	417128	5411393	0.05752	360.89	360.89	0 ANNUAL	TMA	5	
TMA	417128	5411593	0.05715	365	365	0 ANNUAL	TMA	5	
TMA	417128	5411793	0.05658	362.92	362.92	0 ANNUAL	TMA	5	
TMA	417128	5411993	0.05587	360	360	0 ANNUAL	TMA	5	
TMA	417128	5412193	0.05514	362.97	362.97	0 ANNUAL	TMA	5	
TMA	417128	5412393	0.05412	363	363	0 ANNUAL	TMA	5	
TMA	417128	5412593	0.05284	360.19	360.19	0 ANNUAL	TMA	5	
TMA	417128	5412793	0.05151	359.75	359.75	0 ANNUAL	TMA	5	
TMA	417128	5412993	0.0502	359.15	359.15	0 ANNUAL	TMA	5	
TMA	417128	5413193	0.0491	359.43	359.43	0 ANNUAL	TMA	5	
TMA	417128	5413393	0.04833	362.2	362.2	0 ANNUAL	TMA	5	
TMA	417128	5413593	0.04783	365.9	365.9	0 ANNUAL	TMA	5	
TMA	417128	5413793	0.04752	369	369	0 ANNUAL	TMA	5	
TMA	417128	5413993	0.04712	375.91	375.91	0 ANNUAL	TMA	5	
TMA	417128	5414193	0.04696	380	380	0 ANNUAL	TMA	5	
TMA	417128	5414393	0.04731	377.2	377.2	0 ANNUAL	TMA	5	
TMA	417128	5414593	0.04773	376	376	0 ANNUAL	TMA	5	
TMA	417128	5414793	0.04821	375	375	0 ANNUAL	TMA	5	
TMA	417128	5414993	0.04866	374	374	0 ANNUAL	TMA	5	
TMA	417128	5415193	0.04897	372	372	0 ANNUAL	TMA	5	
TMA	417128	5415393	0.04916	370	370	0 ANNUAL	TMA	5	
TMA	417128	5415593	0.04921	368.94	368.94	0 ANNUAL	TMA	5	
TMA	417128	5415793	0.04914	367	367	0 ANNUAL	TMA	5	
TMA	417128	5415993	0.04897	365	365	0 ANNUAL	TMA	5	
TMA	417128	5416193	0.0487	363	363	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	417128	5416393	0.04835	361	361	0 ANNUAL	TMA	5	
TMA	417128	5416593	0.04798	361.66	361.66	0 ANNUAL	TMA	5	
TMA	417128	5416793	0.04749	359.46	359.46	0 ANNUAL	TMA	5	
TMA	417128	5416993	0.04698	359.27	359.27	0 ANNUAL	TMA	5	
TMA	417128	5417193	0.04641	358.77	358.77	0 ANNUAL	TMA	5	
TMA	417128	5417393	0.04577	357.12	357.12	0 ANNUAL	TMA	5	
TMA	417128	5417593	0.0451	357	357	0 ANNUAL	TMA	5	
TMA	417128	5417793	0.04437	357	357	0 ANNUAL	TMA	5	
TMA	417128	5417993	0.04357	357	357	0 ANNUAL	TMA	5	
TMA	417128	5418193	0.0427	357	357	0 ANNUAL	TMA	5	
TMA	417128	5418393	0.04182	358	358	0 ANNUAL	TMA	5	
TMA	417128	5418593	0.0409	358	358	0 ANNUAL	TMA	5	
TMA	417128	5418793	0.03995	354.68	354.68	0 ANNUAL	TMA	5	
TMA	417128	5418993	0.03919	360	360	0 ANNUAL	TMA	5	
TMA	417128	5419193	0.03841	361	361	0 ANNUAL	TMA	5	
TMA	416928	5411193	0.05385	355.85	355.85	0 ANNUAL	TMA	5	
TMA	416928	5411393	0.05356	357.64	357.64	0 ANNUAL	TMA	5	
TMA	416928	5411593	0.05317	358.44	358.44	0 ANNUAL	TMA	5	
TMA	416928	5411793	0.0527	358.25	358.25	0 ANNUAL	TMA	5	
TMA	416928	5411993	0.0522	360	360	0 ANNUAL	TMA	5	
TMA	416928	5412193	0.05142	358.63	358.63	0 ANNUAL	TMA	5	
TMA	416928	5412393	0.05039	356.3	356.3	0 ANNUAL	TMA	5	
TMA	416928	5412593	0.04944	362.28	362.28	0 ANNUAL	TMA	5	
TMA	416928	5412793	0.04825	363.95	363.95	0 ANNUAL	TMA	5	
TMA	416928	5412993	0.04701	361.2	361.2	0 ANNUAL	TMA	5	
TMA	416928	5413193	0.04596	361	361	0 ANNUAL	TMA	5	
TMA	416928	5413393	0.04522	365.02	365.02	0 ANNUAL	TMA	5	
TMA	416928	5413593	0.04467	370	370	0 ANNUAL	TMA	5	
TMA	416928	5413793	0.04417	374.04	374.04	0 ANNUAL	TMA	5	
TMA	416928	5413993	0.04368	381	381	0 ANNUAL	TMA	5	
TMA	416928	5414193	0.04349	384.64	384.64	0 ANNUAL	TMA	5	
TMA	416928	5414393	0.0438	382.22	382.22	0 ANNUAL	TMA	5	
TMA	416928	5414593	0.04423	379.55	379.55	0 ANNUAL	TMA	5	
TMA	416928	5414793	0.04476	376.84	376.84	0 ANNUAL	TMA	5	
TMA	416928	5414993	0.04533	372.86	372.86	0 ANNUAL	TMA	5	
TMA	416928	5415193	0.04571	370	370	0 ANNUAL	TMA	5	
TMA	416928	5415393	0.04597	368.59	368.59	0 ANNUAL	TMA	5	
TMA	416928	5415593	0.0461	367	367	0 ANNUAL	TMA	5	
TMA	416928	5415793	0.04611	365	365	0 ANNUAL	TMA	5	
TMA	416928	5415993	0.04601	363.11	363.11	0 ANNUAL	TMA	5	
TMA	416928	5416193	0.04583	361.96	361.96	0 ANNUAL	TMA	5	
TMA	416928	5416393	0.04555	360	360	0 ANNUAL	TMA	5	
TMA	416928	5416593	0.04523	359	359	0 ANNUAL	TMA	5	
TMA	416928	5416793	0.04487	359	359	0 ANNUAL	TMA	5	
TMA	416928	5416993	0.04443	358	358	0 ANNUAL	TMA	5	
TMA	416928	5417193	0.04396	358	358	0 ANNUAL	TMA	5	
TMA	416928	5417393	0.04344	357.16	357.16	0 ANNUAL	TMA	5	
TMA	416928	5417593	0.04292	358.41	358.41	0 ANNUAL	TMA	5	
TMA	416928	5417793	0.04231	358	358	0 ANNUAL	TMA	5	
TMA	416928	5417993	0.04164	358	358	0 ANNUAL	TMA	5	
TMA	416928	5418193	0.04093	359	359	0 ANNUAL	TMA	5	
TMA	416928	5418393	0.04017	359.94	359.94	0 ANNUAL	TMA	5	
TMA	416928	5418593	0.03935	360	360	0 ANNUAL	TMA	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	416928	5418793	0.03848	356.81	356.81	0 ANNUAL	TMA	5	
TMA	416928	5418993	0.03765	354.87	354.87	0 ANNUAL	TMA	5	
TMA	416928	5419193	0.03693	357.48	357.48	0 ANNUAL	TMA	5	
TMA	416728	5411193	0.05021	351	351	0 ANNUAL	TMA	5	
TMA	416728	5411393	0.05004	355.04	355.04	0 ANNUAL	TMA	5	
TMA	416728	5411593	0.04958	353	353	0 ANNUAL	TMA	5	
TMA	416728	5411793	0.04922	354	354	0 ANNUAL	TMA	5	
TMA	416728	5411993	0.04877	354.98	354.98	0 ANNUAL	TMA	5	
TMA	416728	5412193	0.04809	355.03	355.03	0 ANNUAL	TMA	5	
TMA	416728	5412393	0.04749	367.51	370	0 ANNUAL	TMA	5	
TMA	416728	5412593	0.04643	369	369	0 ANNUAL	TMA	5	
TMA	416728	5412793	0.04527	365.99	365.99	0 ANNUAL	TMA	5	
TMA	416728	5412993	0.04414	363.34	363.34	0 ANNUAL	TMA	5	
TMA	416728	5413193	0.04317	363	363	0 ANNUAL	TMA	5	
TMA	416728	5413393	0.04242	365.94	365.94	0 ANNUAL	TMA	5	
TMA	416728	5413593	0.04185	369	369	0 ANNUAL	TMA	5	
TMA	416728	5413793	0.04144	373.37	373.37	0 ANNUAL	TMA	5	
TMA	416728	5413993	0.04085	380.83	380.83	0 ANNUAL	TMA	5	
TMA	416728	5414193	0.04047	387.57	387.57	0 ANNUAL	TMA	5	
TMA	416728	5414393	0.04056	388	388	0 ANNUAL	TMA	5	
TMA	416728	5414593	0.0411	383.26	383.26	0 ANNUAL	TMA	5	
TMA	416728	5414793	0.04167	378.48	378.48	0 ANNUAL	TMA	5	
TMA	416728	5414993	0.0423	371.99	371.99	0 ANNUAL	TMA	5	
TMA	416728	5415193	0.04271	369	369	0 ANNUAL	TMA	5	
TMA	416728	5415393	0.04303	367.9	367.9	0 ANNUAL	TMA	5	
TMA	416728	5415593	0.04324	366	366	0 ANNUAL	TMA	5	
TMA	416728	5415793	0.04333	364	364	0 ANNUAL	TMA	5	
TMA	416728	5415993	0.04331	362	362	0 ANNUAL	TMA	5	
TMA	416728	5416193	0.04318	360.02	360.02	0 ANNUAL	TMA	5	
TMA	416728	5416393	0.04301	360	360	0 ANNUAL	TMA	5	
TMA	416728	5416593	0.04277	360	360	0 ANNUAL	TMA	5	
TMA	416728	5416793	0.04248	360	360	0 ANNUAL	TMA	5	
TMA	416728	5416993	0.04213	360	360	0 ANNUAL	TMA	5	
TMA	416728	5417193	0.04174	360	360	0 ANNUAL	TMA	5	
TMA	416728	5417393	0.04133	361	361	0 ANNUAL	TMA	5	
TMA	416728	5417593	0.04085	360	360	0 ANNUAL	TMA	5	
TMA	416728	5417793	0.04033	359	359	0 ANNUAL	TMA	5	
TMA	416728	5417993	0.03978	359	359	0 ANNUAL	TMA	5	
TMA	416728	5418193	0.03919	360	360	0 ANNUAL	TMA	5	
TMA	416728	5418393	0.03852	360	360	0 ANNUAL	TMA	5	
TMA	416728	5418593	0.0378	359	359	0 ANNUAL	TMA	5	
TMA	416728	5418793	0.037	355	355	0 ANNUAL	TMA	5	
TMA	416728	5418993	0.03624	353	353	0 ANNUAL	TMA	5	
TMA	416728	5419193	0.03553	353.31	353.31	0 ANNUAL	TMA	5	
TMA	416528	5411193	0.04753	366.33	366.33	0 ANNUAL	TMA	5	
TMA	416528	5411393	0.04719	364.28	364.28	0 ANNUAL	TMA	5	
TMA	416528	5411593	0.04678	359.9	359.9	0 ANNUAL	TMA	5	
TMA	416528	5411793	0.04626	354.24	354.24	0 ANNUAL	TMA	5	
TMA	416528	5411993	0.04589	356.49	356.49	0 ANNUAL	TMA	5	
TMA	416528	5412193	0.04537	361	361	0 ANNUAL	TMA	5	
TMA	416528	5412393	0.04463	370	370	0 ANNUAL	TMA	5	
TMA	416528	5412593	0.04364	369	369	0 ANNUAL	TMA	5	
TMA	416528	5412793	0.04258	368	368	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	416528	5412993	0.04155	365.46	365.46	0 ANNUAL	TMA	5	
TMA	416528	5413193	0.04064	364	364	0 ANNUAL	TMA	5	
TMA	416528	5413393	0.03999	366	366	0 ANNUAL	TMA	5	
TMA	416528	5413593	0.03932	368	368	0 ANNUAL	TMA	5	
TMA	416528	5413793	0.03873	375.08	375.08	0 ANNUAL	TMA	5	
TMA	416528	5413993	0.03803	385.64	385.64	0 ANNUAL	TMA	5	
TMA	416528	5414193	0.03776	390	390	0 ANNUAL	TMA	5	
TMA	416528	5414393	0.03805	388	388	0 ANNUAL	TMA	5	
TMA	416528	5414593	0.03845	384.38	384.38	0 ANNUAL	TMA	5	
TMA	416528	5414793	0.03898	378.5	378.5	0 ANNUAL	TMA	5	
TMA	416528	5414993	0.03958	369	369	0 ANNUAL	TMA	5	
TMA	416528	5415193	0.03996	368	368	0 ANNUAL	TMA	5	
TMA	416528	5415393	0.04031	366	366	0 ANNUAL	TMA	5	
TMA	416528	5415593	0.04059	365	365	0 ANNUAL	TMA	5	
TMA	416528	5415793	0.04077	364	364	0 ANNUAL	TMA	5	
TMA	416528	5415993	0.04083	362	362	0 ANNUAL	TMA	5	
TMA	416528	5416193	0.04079	360.31	360.31	0 ANNUAL	TMA	5	
TMA	416528	5416393	0.04067	360	360	0 ANNUAL	TMA	5	
TMA	416528	5416593	0.0405	360	360	0 ANNUAL	TMA	5	
TMA	416528	5416793	0.04027	361	361	0 ANNUAL	TMA	5	
TMA	416528	5416993	0.03999	361	361	0 ANNUAL	TMA	5	
TMA	416528	5417193	0.03966	361	361	0 ANNUAL	TMA	5	
TMA	416528	5417393	0.03929	360.5	360.5	0 ANNUAL	TMA	5	
TMA	416528	5417593	0.03889	360	360	0 ANNUAL	TMA	5	
TMA	416528	5417793	0.03845	359	359	0 ANNUAL	TMA	5	
TMA	416528	5417993	0.038	360	360	0 ANNUAL	TMA	5	
TMA	416528	5418193	0.03749	360	360	0 ANNUAL	TMA	5	
TMA	416528	5418393	0.03694	361	361	0 ANNUAL	TMA	5	
TMA	416528	5418593	0.03629	358.7	358.7	0 ANNUAL	TMA	5	
TMA	416528	5418793	0.03561	355.78	355.78	0 ANNUAL	TMA	5	
TMA	416528	5418993	0.0349	353	353	0 ANNUAL	TMA	5	
TMA	416528	5419193	0.03424	353	353	0 ANNUAL	TMA	5	
TMA	416328	5411193	0.04473	368.17	368.17	0 ANNUAL	TMA	5	
TMA	416328	5411393	0.04435	361.26	361.26	0 ANNUAL	TMA	5	
TMA	416328	5411593	0.044	358.01	358.01	0 ANNUAL	TMA	5	
TMA	416328	5411793	0.04369	358	358	0 ANNUAL	TMA	5	
TMA	416328	5411993	0.04335	361	361	0 ANNUAL	TMA	5	
TMA	416328	5412193	0.0428	364	364	0 ANNUAL	TMA	5	
TMA	416328	5412393	0.04204	367	367	0 ANNUAL	TMA	5	
TMA	416328	5412593	0.04111	369.11	369.11	0 ANNUAL	TMA	5	
TMA	416328	5412793	0.04013	368.22	368.22	0 ANNUAL	TMA	5	
TMA	416328	5412993	0.03919	366	366	0 ANNUAL	TMA	5	
TMA	416328	5413193	0.03836	366.02	366.02	0 ANNUAL	TMA	5	
TMA	416328	5413393	0.03765	367.39	367.39	0 ANNUAL	TMA	5	
TMA	416328	5413593	0.03707	369.24	369.24	0 ANNUAL	TMA	5	
TMA	416328	5413793	0.03646	374.95	374.95	0 ANNUAL	TMA	5	
TMA	416328	5413993	0.03595	381.93	381.93	0 ANNUAL	TMA	5	
TMA	416328	5414193	0.03582	385	385	0 ANNUAL	TMA	5	
TMA	416328	5414393	0.036	384	384	0 ANNUAL	TMA	5	
TMA	416328	5414593	0.03621	382.63	382.63	0 ANNUAL	TMA	5	
TMA	416328	5414793	0.03678	372.81	372.81	0 ANNUAL	TMA	5	
TMA	416328	5414993	0.03711	369	369	0 ANNUAL	TMA	5	
TMA	416328	5415193	0.03746	367	367	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	416328	5415393	0.03782	366	366	0 ANNUAL	TMA	5	
TMA	416328	5415593	0.03814	365	365	0 ANNUAL	TMA	5	
TMA	416328	5415793	0.03838	363	363	0 ANNUAL	TMA	5	
TMA	416328	5415993	0.03853	362	362	0 ANNUAL	TMA	5	
TMA	416328	5416193	0.03859	362	362	0 ANNUAL	TMA	5	
TMA	416328	5416393	0.03854	361.61	361.61	0 ANNUAL	TMA	5	
TMA	416328	5416593	0.03842	362	362	0 ANNUAL	TMA	5	
TMA	416328	5416793	0.03824	363	363	0 ANNUAL	TMA	5	
TMA	416328	5416993	0.03799	361.8	361.8	0 ANNUAL	TMA	5	
TMA	416328	5417193	0.0377	360.19	360.19	0 ANNUAL	TMA	5	
TMA	416328	5417393	0.03738	359	359	0 ANNUAL	TMA	5	
TMA	416328	5417593	0.03706	360	360	0 ANNUAL	TMA	5	
TMA	416328	5417793	0.03675	364.57	364.57	0 ANNUAL	TMA	5	
TMA	416328	5417993	0.03637	367.07	367.07	0 ANNUAL	TMA	5	
TMA	416328	5418193	0.03587	360.1	360.1	0 ANNUAL	TMA	5	
TMA	416328	5418393	0.03537	359	359	0 ANNUAL	TMA	5	
TMA	416328	5418593	0.03486	359.74	359.74	0 ANNUAL	TMA	5	
TMA	416328	5418793	0.0343	361	361	0 ANNUAL	TMA	5	
TMA	416328	5418993	0.03368	358.56	358.56	0 ANNUAL	TMA	5	
TMA	416328	5419193	0.03305	356	356	0 ANNUAL	TMA	5	
TMA	416128	5411193	0.04213	363.71	363.71	0 ANNUAL	TMA	5	
TMA	416128	5411393	0.04182	360.24	360.24	0 ANNUAL	TMA	5	
TMA	416128	5411593	0.04155	359	359	0 ANNUAL	TMA	5	
TMA	416128	5411793	0.04128	359.09	359.09	0 ANNUAL	TMA	5	
TMA	416128	5411993	0.04094	361.11	361.11	0 ANNUAL	TMA	5	
TMA	416128	5412193	0.04044	366	366	0 ANNUAL	TMA	5	
TMA	416128	5412393	0.0397	369.8	369.8	0 ANNUAL	TMA	5	
TMA	416128	5412593	0.03882	370	370	0 ANNUAL	TMA	5	
TMA	416128	5412793	0.03791	368	368	0 ANNUAL	TMA	5	
TMA	416128	5412993	0.03706	368	368	0 ANNUAL	TMA	5	
TMA	416128	5413193	0.03629	369.43	369.43	0 ANNUAL	TMA	5	
TMA	416128	5413393	0.03559	370	370	0 ANNUAL	TMA	5	
TMA	416128	5413593	0.035	371.19	371.19	0 ANNUAL	TMA	5	
TMA	416128	5413793	0.03429	377.82	377.82	0 ANNUAL	TMA	5	
TMA	416128	5413993	0.03392	381	381	0 ANNUAL	TMA	5	
TMA	416128	5414193	0.03392	380.55	380.55	0 ANNUAL	TMA	5	
TMA	416128	5414393	0.03408	379	379	0 ANNUAL	TMA	5	
TMA	416128	5414593	0.03431	376.1	376.1	0 ANNUAL	TMA	5	
TMA	416128	5414793	0.03463	370.01	370.01	0 ANNUAL	TMA	5	
TMA	416128	5414993	0.03489	368	368	0 ANNUAL	TMA	5	
TMA	416128	5415193	0.0352	367.74	367.74	0 ANNUAL	TMA	5	
TMA	416128	5415393	0.03554	367	367	0 ANNUAL	TMA	5	
TMA	416128	5415593	0.03588	366	366	0 ANNUAL	TMA	5	
TMA	416128	5415793	0.03618	365	365	0 ANNUAL	TMA	5	
TMA	416128	5415993	0.03641	365	365	0 ANNUAL	TMA	5	
TMA	416128	5416193	0.03654	364.42	364.42	0 ANNUAL	TMA	5	
TMA	416128	5416393	0.03657	364.58	364.58	0 ANNUAL	TMA	5	
TMA	416128	5416593	0.03648	363.06	363.06	0 ANNUAL	TMA	5	
TMA	416128	5416793	0.03633	361.67	361.67	0 ANNUAL	TMA	5	
TMA	416128	5416993	0.03611	360	360	0 ANNUAL	TMA	5	
TMA	416128	5417193	0.03587	359	359	0 ANNUAL	TMA	5	
TMA	416128	5417393	0.03561	359.14	359.14	0 ANNUAL	TMA	5	
TMA	416128	5417593	0.03541	367.67	367.67	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	416128	5417793	0.03511	370	370	0 ANNUAL	TMA	5	
TMA	416128	5417993	0.03476	366	366	0 ANNUAL	TMA	5	
TMA	416128	5418193	0.03434	360.39	360.39	0 ANNUAL	TMA	5	
TMA	416128	5418393	0.03394	361.24	361.24	0 ANNUAL	TMA	5	
TMA	416128	5418593	0.03349	362	362	0 ANNUAL	TMA	5	
TMA	416128	5418793	0.03299	362	362	0 ANNUAL	TMA	5	
TMA	416128	5418993	0.03244	360	360	0 ANNUAL	TMA	5	
TMA	416128	5419193	0.03188	358.06	358.06	0 ANNUAL	TMA	5	
TMA	416128	5419693	0.03047	352	352	0 ANNUAL	TMA	5	
TMA	416128	5420193	0.02927	352	352	0 ANNUAL	TMA	5	
TMA	416128	5420693	0.02824	355.74	355.74	0 ANNUAL	TMA	5	
TMA	416128	5421193	0.02717	354.65	354.65	0 ANNUAL	TMA	5	
TMA	416628	5419693	0.03331	354	354	0 ANNUAL	TMA	5	
TMA	416628	5420193	0.03197	357.66	357.66	0 ANNUAL	TMA	5	
TMA	416628	5420693	0.0307	360	360	0 ANNUAL	TMA	5	
TMA	416628	5421193	0.02945	361	361	0 ANNUAL	TMA	5	
TMA	417128	5419693	0.03662	359	359	0 ANNUAL	TMA	5	
TMA	417128	5420193	0.035	358	358	0 ANNUAL	TMA	5	
TMA	417128	5420693	0.03342	359	359	0 ANNUAL	TMA	5	
TMA	417128	5421193	0.03185	360	360	0 ANNUAL	TMA	5	
TMA	417628	5419693	0.04049	369.5	369.5	0 ANNUAL	TMA	5	
TMA	417628	5420193	0.03833	364.99	364.99	0 ANNUAL	TMA	5	
TMA	417628	5420693	0.03621	361.33	361.33	0 ANNUAL	TMA	5	
TMA	417628	5421193	0.03418	360	360	0 ANNUAL	TMA	5	
TMA	418128	5419693	0.04429	370	370	0 ANNUAL	TMA	5	
TMA	418128	5420193	0.04149	372	372	0 ANNUAL	TMA	5	
TMA	418128	5420693	0.0389	370	370	0 ANNUAL	TMA	5	
TMA	418128	5421193	0.03636	363.83	363.83	0 ANNUAL	TMA	5	
TMA	418628	5419693	0.04799	368.21	368.21	0 ANNUAL	TMA	5	
TMA	418628	5420193	0.04451	371	371	0 ANNUAL	TMA	5	
TMA	418628	5420693	0.04125	371	371	0 ANNUAL	TMA	5	
TMA	418628	5421193	0.03821	367.11	367.11	0 ANNUAL	TMA	5	
TMA	419128	5419693	0.0514	366.45	366.45	0 ANNUAL	TMA	5	
TMA	419128	5420193	0.04713	371	371	0 ANNUAL	TMA	5	
TMA	419128	5420693	0.04331	368.28	368.28	0 ANNUAL	TMA	5	
TMA	419128	5421193	0.03989	360.95	360.95	0 ANNUAL	TMA	5	
TMA	419628	5419693	0.05449	366	366	0 ANNUAL	TMA	5	
TMA	419628	5420193	0.04964	368	368	0 ANNUAL	TMA	5	
TMA	419628	5420693	0.04548	370	370	0 ANNUAL	TMA	5	
TMA	419628	5421193	0.04179	359.49	359.49	0 ANNUAL	TMA	5	
TMA	420128	5419693	0.05753	368	368	0 ANNUAL	TMA	5	
TMA	420128	5420193	0.05223	369	369	0 ANNUAL	TMA	5	
TMA	420128	5420693	0.0476	365.82	365.82	0 ANNUAL	TMA	5	
TMA	420128	5421193	0.04348	362	362	0 ANNUAL	TMA	5	
TMA	420628	5419693	0.06042	370.62	370.62	0 ANNUAL	TMA	5	
TMA	420628	5420193	0.05443	369.51	369.51	0 ANNUAL	TMA	5	
TMA	420628	5420693	0.04917	365	365	0 ANNUAL	TMA	5	
TMA	420628	5421193	0.04461	361	361	0 ANNUAL	TMA	5	
TMA	421128	5419693	0.06261	374	374	0 ANNUAL	TMA	5	
TMA	421128	5420193	0.056	363	363	0 ANNUAL	TMA	5	
TMA	421128	5420693	0.0505	370	370	0 ANNUAL	TMA	5	
TMA	421128	5421193	0.0457	360	360	0 ANNUAL	TMA	5	
TMA	421628	5419693	0.0643	369.55	369.55	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421628	5420193	0.05744	367	367	0 ANNUAL	TMA	5	
TMA	421628	5420693	0.05172	371	371	0 ANNUAL	TMA	5	
TMA	421628	5421193	0.04682	361	361	0 ANNUAL	TMA	5	
TMA	422128	5419693	0.06528	368.55	368.55	0 ANNUAL	TMA	5	
TMA	422128	5420193	0.05832	363	363	0 ANNUAL	TMA	5	
TMA	422128	5420693	0.05253	361.38	361.38	0 ANNUAL	TMA	5	
TMA	422128	5421193	0.04758	357.99	357.99	0 ANNUAL	TMA	5	
TMA	422628	5419693	0.06514	367.99	367.99	0 ANNUAL	TMA	5	
TMA	422628	5420193	0.05831	370	370	0 ANNUAL	TMA	5	
TMA	422628	5420693	0.05259	370.78	370.78	0 ANNUAL	TMA	5	
TMA	422628	5421193	0.04777	369.35	369.35	0 ANNUAL	TMA	5	
TMA	423128	5419693	0.06417	372.11	372.11	0 ANNUAL	TMA	5	
TMA	423128	5420193	0.05737	374	374	0 ANNUAL	TMA	5	
TMA	423128	5420693	0.05168	376.83	376.83	0 ANNUAL	TMA	5	
TMA	423128	5421193	0.04692	379	379	0 ANNUAL	TMA	5	
TMA	423628	5419693	0.06287	370	370	0 ANNUAL	TMA	5	
TMA	423628	5420193	0.05618	371.99	371.99	0 ANNUAL	TMA	5	
TMA	423628	5420693	0.05048	380	380	0 ANNUAL	TMA	5	
TMA	423628	5421193	0.04585	378	378	0 ANNUAL	TMA	5	
TMA	424128	5419693	0.06097	376.22	378	0 ANNUAL	TMA	5	
TMA	424128	5420193	0.05448	379.73	379.73	0 ANNUAL	TMA	5	
TMA	424128	5420693	0.04931	366	366	0 ANNUAL	TMA	5	
TMA	424128	5421193	0.04474	376	376	0 ANNUAL	TMA	5	
TMA	424628	5419693	0.05926	375.78	375.78	0 ANNUAL	TMA	5	
TMA	424628	5420193	0.05278	380.21	380.21	0 ANNUAL	TMA	5	
TMA	424628	5420693	0.04756	380	380	0 ANNUAL	TMA	5	
TMA	424628	5421193	0.04346	370.14	370.14	0 ANNUAL	TMA	5	
TMA	425128	5419693	0.05768	376	376	0 ANNUAL	TMA	5	
TMA	425128	5420193	0.05171	378.67	378.67	0 ANNUAL	TMA	5	
TMA	425128	5420693	0.04651	380	380	0 ANNUAL	TMA	5	
TMA	425128	5421193	0.04237	370	370	0 ANNUAL	TMA	5	
TMA	425628	5419693	0.05574	373.64	373.64	0 ANNUAL	TMA	5	
TMA	425628	5420193	0.05052	372	372	0 ANNUAL	TMA	5	
TMA	425628	5420693	0.04575	378	378	0 ANNUAL	TMA	5	
TMA	425628	5421193	0.04155	379.09	379.09	0 ANNUAL	TMA	5	
TMA	426128	5419693	0.05326	370.46	370.46	0 ANNUAL	TMA	5	
TMA	426128	5420193	0.04888	369.35	369.35	0 ANNUAL	TMA	5	
TMA	426128	5420693	0.04469	378	378	0 ANNUAL	TMA	5	
TMA	426128	5421193	0.04089	379	379	0 ANNUAL	TMA	5	
TMA	426628	5419693	0.04997	368.07	368.07	0 ANNUAL	TMA	5	
TMA	426628	5420193	0.04654	367.52	367.52	0 ANNUAL	TMA	5	
TMA	426628	5420693	0.04323	369	369	0 ANNUAL	TMA	5	
TMA	426628	5421193	0.04	371.25	371.25	0 ANNUAL	TMA	5	
TMA	427128	5419693	0.04598	373.21	373.21	0 ANNUAL	TMA	5	
TMA	427128	5420193	0.04346	370.37	370.37	0 ANNUAL	TMA	5	
TMA	427128	5420693	0.04091	374.18	381	0 ANNUAL	TMA	5	
TMA	427128	5421193	0.03834	360	381	0 ANNUAL	TMA	5	
TMA	427628	5419693	0.04189	370.22	370.22	0 ANNUAL	TMA	5	
TMA	427628	5420193	0.03987	383.07	383.07	0 ANNUAL	TMA	5	
TMA	427628	5420693	0.03813	366.33	366.33	0 ANNUAL	TMA	5	
TMA	427628	5421193	0.03612	358	358	0 ANNUAL	TMA	5	
TMA	428128	5419693	0.03769	363.07	363.07	0 ANNUAL	TMA	5	
TMA	428128	5420193	0.03652	370.67	370.67	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	428128	5420693	0.03509	382.97	382.97	0 ANNUAL	TMA	5	
TMA	428128	5421193	0.03375	369.95	369.95	0 ANNUAL	TMA	5	
TMA	428628	5419693	0.03368	376.81	380	0 ANNUAL	TMA	5	
TMA	428628	5420193	0.03299	368.14	368.14	0 ANNUAL	TMA	5	
TMA	428628	5420693	0.03213	367.41	367.41	0 ANNUAL	TMA	5	
TMA	428628	5421193	0.03112	379.67	379.67	0 ANNUAL	TMA	5	
TMA	429128	5419693	0.03027	378	378	0 ANNUAL	TMA	5	
TMA	429128	5420193	0.02972	372.08	372.08	0 ANNUAL	TMA	5	
TMA	429128	5420693	0.02908	361	372	0 ANNUAL	TMA	5	
TMA	429128	5421193	0.02843	360.13	371	0 ANNUAL	TMA	5	
TMA	427628	5419193	0.0436	367.91	367.91	0 ANNUAL	TMA	5	
TMA	427628	5418693	0.0451	374.68	374.68	0 ANNUAL	TMA	5	
TMA	427628	5418193	0.04635	380	380	0 ANNUAL	TMA	5	
TMA	427628	5417693	0.04784	378	378	0 ANNUAL	TMA	5	
TMA	427628	5417193	0.04975	379.31	379.31	0 ANNUAL	TMA	5	
TMA	427628	5416693	0.05163	381	381	0 ANNUAL	TMA	5	
TMA	427628	5416193	0.0538	380	380	0 ANNUAL	TMA	5	
TMA	427628	5415693	0.05637	380	380	0 ANNUAL	TMA	5	
TMA	427628	5415193	0.06037	381	381	0 ANNUAL	TMA	5	
TMA	427628	5414693	0.0658	384.81	384.81	0 ANNUAL	TMA	5	
TMA	427628	5414193	0.07238	387	387	0 ANNUAL	TMA	5	
TMA	427628	5407693	0.0426	363	363	0 ANNUAL	TMA	5	
TMA	427628	5407193	0.03875	356.83	356.83	0 ANNUAL	TMA	5	
TMA	427628	5406693	0.03543	360.9	360.9	0 ANNUAL	TMA	5	
TMA	427628	5406193	0.03248	372.99	372.99	0 ANNUAL	TMA	5	
TMA	428128	5419193	0.03878	374	374	0 ANNUAL	TMA	5	
TMA	428128	5418693	0.03978	375	375	0 ANNUAL	TMA	5	
TMA	428128	5418193	0.04064	380	380	0 ANNUAL	TMA	5	
TMA	428128	5417693	0.04207	379	379	0 ANNUAL	TMA	5	
TMA	428128	5417193	0.04372	378	378	0 ANNUAL	TMA	5	
TMA	428128	5416693	0.04538	376	376	0 ANNUAL	TMA	5	
TMA	428128	5416193	0.04725	376	376	0 ANNUAL	TMA	5	
TMA	428128	5415693	0.04945	378	378	0 ANNUAL	TMA	5	
TMA	428128	5415193	0.05327	380	380	0 ANNUAL	TMA	5	
TMA	428128	5414693	0.05804	380	380	0 ANNUAL	TMA	5	
TMA	428128	5414193	0.06057	400.68	400.68	0 ANNUAL	TMA	5	
TMA	428128	5407193	0.03649	361.11	361.11	0 ANNUAL	TMA	5	
TMA	428128	5406693	0.03362	360.48	360.48	0 ANNUAL	TMA	5	
TMA	428128	5406193	0.03104	367.95	367.95	0 ANNUAL	TMA	5	
TMA	428628	5419193	0.03444	380	380	0 ANNUAL	TMA	5	
TMA	428628	5418693	0.03522	377	377	0 ANNUAL	TMA	5	
TMA	428628	5418193	0.03614	379	379	0 ANNUAL	TMA	5	
TMA	428628	5417693	0.0375	378.24	378.24	0 ANNUAL	TMA	5	
TMA	428628	5417193	0.03869	380	380	0 ANNUAL	TMA	5	
TMA	428628	5416693	0.04027	376	376	0 ANNUAL	TMA	5	
TMA	428628	5416193	0.04204	374	374	0 ANNUAL	TMA	5	
TMA	428628	5415693	0.04411	376	376	0 ANNUAL	TMA	5	
TMA	428628	5415193	0.0472	385.89	408	0 ANNUAL	TMA	5	
TMA	428628	5414693	0.04976	397.09	397.09	0 ANNUAL	TMA	5	
TMA	428628	5414193	0.05412	400.52	410	0 ANNUAL	TMA	5	
TMA	428628	5407193	0.03395	353	353	0 ANNUAL	TMA	5	
TMA	428628	5406693	0.03171	362	362	0 ANNUAL	TMA	5	
TMA	428628	5406193	0.02948	362	362	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	429128	5419193	0.03084	377.26	377.26	0 ANNUAL	TMA	5	
TMA	429128	5418693	0.03148	379	379	0 ANNUAL	TMA	5	
TMA	429128	5418193	0.03253	379.95	379.95	0 ANNUAL	TMA	5	
TMA	429128	5417693	0.03364	379	379	0 ANNUAL	TMA	5	
TMA	429128	5417193	0.03489	375	375	0 ANNUAL	TMA	5	
TMA	429128	5416693	0.03624	373	373	0 ANNUAL	TMA	5	
TMA	429128	5416193	0.03771	373	373	0 ANNUAL	TMA	5	
TMA	429128	5415693	0.03958	379.36	400	0 ANNUAL	TMA	5	
TMA	429128	5413193	0.05644	390	390	0 ANNUAL	TMA	5	
TMA	429128	5412693	0.05662	398.59	398.59	0 ANNUAL	TMA	5	
TMA	429128	5408693	0.04054	389.01	389.01	0 ANNUAL	TMA	5	
TMA	429128	5407193	0.03168	355	355	0 ANNUAL	TMA	5	
TMA	429128	5406693	0.02966	358	358	0 ANNUAL	TMA	5	
TMA	429128	5406193	0.02784	360	360	0 ANNUAL	TMA	5	
TMA	427128	5407693	0.04518	350	350	0 ANNUAL	TMA	5	
TMA	427128	5407193	0.04096	360.73	360.73	0 ANNUAL	TMA	5	
TMA	427128	5406693	0.03711	364.08	364.08	0 ANNUAL	TMA	5	
TMA	427128	5406193	0.03374	369.47	383	0 ANNUAL	TMA	5	
TMA	426628	5407693	0.04797	360.15	360.15	0 ANNUAL	TMA	5	
TMA	426628	5407193	0.04287	370	370	0 ANNUAL	TMA	5	
TMA	426628	5406693	0.03833	379.68	379.68	0 ANNUAL	TMA	5	
TMA	426628	5406193	0.0346	370.4	370.4	0 ANNUAL	TMA	5	
TMA	426128	5407693	0.04989	380.31	380.31	0 ANNUAL	TMA	5	
TMA	426128	5407193	0.04427	370.02	370.02	0 ANNUAL	TMA	5	
TMA	426128	5406693	0.03931	378	378	0 ANNUAL	TMA	5	
TMA	426128	5406193	0.0347	390	390	0 ANNUAL	TMA	5	
TMA	425628	5407693	0.05154	361	361	0 ANNUAL	TMA	5	
TMA	425628	5407193	0.04524	366.13	366.13	0 ANNUAL	TMA	5	
TMA	425628	5406693	0.03975	378.76	378.76	0 ANNUAL	TMA	5	
TMA	425628	5406193	0.03498	382	382	0 ANNUAL	TMA	5	
TMA	425128	5406693	0.03977	373	373	0 ANNUAL	TMA	5	
TMA	425128	5406193	0.03479	377.62	377.62	0 ANNUAL	TMA	5	
TMA	424628	5406693	0.03925	367.47	367.47	0 ANNUAL	TMA	5	
TMA	424628	5406193	0.03429	370	370	0 ANNUAL	TMA	5	
TMA	424128	5407693	0.05236	360.97	360.97	0 ANNUAL	TMA	5	
TMA	424128	5407193	0.04466	366.8	366.8	0 ANNUAL	TMA	5	
TMA	424128	5406693	0.03849	365.76	365.76	0 ANNUAL	TMA	5	
TMA	424128	5406193	0.03334	378.74	378.74	0 ANNUAL	TMA	5	
TMA	423628	5407693	0.05187	359.97	359.97	0 ANNUAL	TMA	5	
TMA	423628	5407193	0.04415	367.85	367.85	0 ANNUAL	TMA	5	
TMA	423628	5406693	0.03792	362.95	362.95	0 ANNUAL	TMA	5	
TMA	423628	5406193	0.03303	363.21	363.21	0 ANNUAL	TMA	5	
TMA	423128	5406693	0.0377	359.65	359.65	0 ANNUAL	TMA	5	
TMA	423128	5406193	0.03294	361	361	0 ANNUAL	TMA	5	
TMA	422628	5407693	0.051	359.48	359.48	0 ANNUAL	TMA	5	
TMA	422628	5407193	0.04349	360.02	360.02	0 ANNUAL	TMA	5	
TMA	422128	5407693	0.05028	359	359	0 ANNUAL	TMA	5	
TMA	422128	5407193	0.04307	358.4	358.4	0 ANNUAL	TMA	5	
TMA	422128	5406193	0.03287	360	360	0 ANNUAL	TMA	5	
TMA	421628	5407693	0.04939	360	360	0 ANNUAL	TMA	5	
TMA	421628	5407193	0.04247	360	360	0 ANNUAL	TMA	5	
TMA	420128	5406693	0.03534	347	347	0 ANNUAL	TMA	5	
TMA	419628	5406693	0.03399	348	348	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	419128	5407693	0.04137	343	343	0 ANNUAL	TMA	5	
TMA	419128	5407193	0.03647	345.2	345.2	0 ANNUAL	TMA	5	
TMA	419128	5406693	0.03255	348	348	0 ANNUAL	TMA	5	
TMA	419128	5406193	0.02919	349	349	0 ANNUAL	TMA	5	
TMA	418628	5407693	0.03966	342	342	0 ANNUAL	TMA	5	
TMA	418628	5407193	0.03503	344	344	0 ANNUAL	TMA	5	
TMA	418628	5406693	0.03112	342.29	342.29	0 ANNUAL	TMA	5	
TMA	418628	5406193	0.02799	343	343	0 ANNUAL	TMA	5	
TMA	418128	5407693	0.03778	341	341	0 ANNUAL	TMA	5	
TMA	418128	5407193	0.03376	342	342	0 ANNUAL	TMA	5	
TMA	418128	5406693	0.03016	342.64	342.64	0 ANNUAL	TMA	5	
TMA	418128	5406193	0.0271	343	343	0 ANNUAL	TMA	5	
TMA	417628	5407693	0.03544	340	340	0 ANNUAL	TMA	5	
TMA	417628	5407193	0.03216	341	341	0 ANNUAL	TMA	5	
TMA	417628	5406693	0.02923	343	343	0 ANNUAL	TMA	5	
TMA	417628	5406193	0.02645	345	345	0 ANNUAL	TMA	5	
TMA	417128	5407693	0.03314	340	340	0 ANNUAL	TMA	5	
TMA	417128	5407193	0.03019	341	341	0 ANNUAL	TMA	5	
TMA	417128	5406693	0.02781	343	343	0 ANNUAL	TMA	5	
TMA	417128	5406193	0.0256	345	345	0 ANNUAL	TMA	5	
TMA	416628	5407693	0.03114	340	340	0 ANNUAL	TMA	5	
TMA	416628	5407193	0.0283	341	341	0 ANNUAL	TMA	5	
TMA	416628	5406693	0.02609	343	343	0 ANNUAL	TMA	5	
TMA	416628	5406193	0.0243	345	345	0 ANNUAL	TMA	5	
TMA	416128	5407693	0.02964	340	340	0 ANNUAL	TMA	5	
TMA	416128	5407193	0.02676	341.05	341.05	0 ANNUAL	TMA	5	
TMA	416128	5406193	0.02283	346	346	0 ANNUAL	TMA	5	
TMA	415628	5406193	0.02151	346	346	0 ANNUAL	TMA	5	
TMA	415128	5406193	0.02053	344	344	0 ANNUAL	TMA	5	
TMA	414628	5406693	0.02176	340	340	0 ANNUAL	TMA	5	
TMA	414628	5406193	0.01984	341.26	341.26	0 ANNUAL	TMA	5	
TMA	414128	5406693	0.02108	340	340	0 ANNUAL	TMA	5	
TMA	414128	5406193	0.0193	341	341	0 ANNUAL	TMA	5	
TMA	415628	5408193	0.03163	344	344	0 ANNUAL	TMA	5	
TMA	415628	5408693	0.03449	347	347	0 ANNUAL	TMA	5	
TMA	415628	5409193	0.03658	350	350	0 ANNUAL	TMA	5	
TMA	415628	5409693	0.03727	353.49	353.49	0 ANNUAL	TMA	5	
TMA	415628	5410193	0.03698	354.22	354.22	0 ANNUAL	TMA	5	
TMA	415628	5410693	0.03707	362.66	362.66	0 ANNUAL	TMA	5	
TMA	415628	5411193	0.03675	366	366	0 ANNUAL	TMA	5	
TMA	415628	5411693	0.03633	368.95	368.95	0 ANNUAL	TMA	5	
TMA	415628	5412193	0.03533	370	370	0 ANNUAL	TMA	5	
TMA	415628	5412693	0.03356	370.01	370.01	0 ANNUAL	TMA	5	
TMA	415628	5413193	0.0318	372.82	372.82	0 ANNUAL	TMA	5	
TMA	415628	5413693	0.03015	380	380	0 ANNUAL	TMA	5	
TMA	415628	5414193	0.02957	378	378	0 ANNUAL	TMA	5	
TMA	415628	5414693	0.02996	373.77	373.77	0 ANNUAL	TMA	5	
TMA	415628	5415193	0.03045	370	370	0 ANNUAL	TMA	5	
TMA	415628	5415693	0.03113	366	366	0 ANNUAL	TMA	5	
TMA	415628	5416193	0.03185	363	363	0 ANNUAL	TMA	5	
TMA	415628	5416693	0.03213	360	360	0 ANNUAL	TMA	5	
TMA	415628	5417193	0.03185	357	357	0 ANNUAL	TMA	5	
TMA	415628	5417693	0.03143	362.86	362.86	0 ANNUAL	TMA	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	415628	5418193	0.03089	364.86	364.86	0 ANNUAL	TMA	5	
TMA	415628	5418693	0.03012	360.38	360.38	0 ANNUAL	TMA	5	
TMA	415628	5419193	0.02911	359	359	0 ANNUAL	TMA	5	
TMA	415628	5419693	0.02794	353.8	353.8	0 ANNUAL	TMA	5	
TMA	415628	5420193	0.0269	353.31	353.31	0 ANNUAL	TMA	5	
TMA	415628	5420693	0.026	354	354	0 ANNUAL	TMA	5	
TMA	415628	5421193	0.02517	354	354	0 ANNUAL	TMA	5	
TMA	415128	5408193	0.02988	345	345	0 ANNUAL	TMA	5	
TMA	415128	5408693	0.03192	347	347	0 ANNUAL	TMA	5	
TMA	415128	5409193	0.03297	349	349	0 ANNUAL	TMA	5	
TMA	415128	5409693	0.0329	354.16	354.16	0 ANNUAL	TMA	5	
TMA	415128	5410193	0.03265	358	358	0 ANNUAL	TMA	5	
TMA	415128	5410693	0.03269	362	362	0 ANNUAL	TMA	5	
TMA	415128	5411193	0.03244	367	367	0 ANNUAL	TMA	5	
TMA	415128	5411693	0.03211	370	370	0 ANNUAL	TMA	5	
TMA	415128	5412193	0.03118	367	367	0 ANNUAL	TMA	5	
TMA	415128	5412693	0.02968	366	366	0 ANNUAL	TMA	5	
TMA	415128	5413193	0.02823	369	369	0 ANNUAL	TMA	5	
TMA	415128	5413693	0.02697	373	373	0 ANNUAL	TMA	5	
TMA	415128	5414193	0.02618	375	375	0 ANNUAL	TMA	5	
TMA	415128	5414693	0.02633	371	371	0 ANNUAL	TMA	5	
TMA	415128	5415193	0.02671	370	370	0 ANNUAL	TMA	5	
TMA	415128	5415693	0.02717	363	363	0 ANNUAL	TMA	5	
TMA	415128	5416193	0.02777	356.02	356.02	0 ANNUAL	TMA	5	
TMA	415128	5416693	0.02836	354	354	0 ANNUAL	TMA	5	
TMA	415128	5417193	0.02848	356	356	0 ANNUAL	TMA	5	
TMA	415128	5417693	0.02819	359	359	0 ANNUAL	TMA	5	
TMA	415128	5418193	0.02775	357.1	357.1	0 ANNUAL	TMA	5	
TMA	415128	5418693	0.02729	356	356	0 ANNUAL	TMA	5	
TMA	415128	5419193	0.02663	356	356	0 ANNUAL	TMA	5	
TMA	415128	5419693	0.02572	355	355	0 ANNUAL	TMA	5	
TMA	415128	5420193	0.02477	355	355	0 ANNUAL	TMA	5	
TMA	415128	5420693	0.02399	361	361	0 ANNUAL	TMA	5	
TMA	415128	5421193	0.0233	360	360	0 ANNUAL	TMA	5	
TMA	414628	5408193	0.02803	344	344	0 ANNUAL	TMA	5	
TMA	414628	5408693	0.02929	346.66	346.66	0 ANNUAL	TMA	5	
TMA	414628	5409193	0.02957	350	350	0 ANNUAL	TMA	5	
TMA	414628	5409693	0.02921	357	357	0 ANNUAL	TMA	5	
TMA	414628	5410193	0.02916	366	366	0 ANNUAL	TMA	5	
TMA	414628	5410693	0.02908	359	359	0 ANNUAL	TMA	5	
TMA	414628	5411193	0.02886	359	359	0 ANNUAL	TMA	5	
TMA	414628	5411693	0.02857	360	360	0 ANNUAL	TMA	5	
TMA	414628	5412193	0.02773	363	363	0 ANNUAL	TMA	5	
TMA	414628	5412693	0.02652	367	367	0 ANNUAL	TMA	5	
TMA	414628	5413193	0.02526	371	371	0 ANNUAL	TMA	5	
TMA	414628	5413693	0.02414	371	371	0 ANNUAL	TMA	5	
TMA	414628	5414193	0.02349	370	370	0 ANNUAL	TMA	5	
TMA	414628	5414693	0.02338	369.61	369.61	0 ANNUAL	TMA	5	
TMA	414628	5415193	0.02367	366.83	366.83	0 ANNUAL	TMA	5	
TMA	414628	5415693	0.02397	356.12	356.12	0 ANNUAL	TMA	5	
TMA	414628	5416193	0.02438	350	350	0 ANNUAL	TMA	5	
TMA	414628	5416693	0.02503	350	350	0 ANNUAL	TMA	5	
TMA	414628	5417193	0.02548	352	352	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	414628	5417693	0.02542	353	353	0 ANNUAL	TMA	5	
TMA	414628	5418193	0.02509	354	354	0 ANNUAL	TMA	5	
TMA	414628	5418693	0.02477	355	355	0 ANNUAL	TMA	5	
TMA	414628	5419193	0.0244	356	356	0 ANNUAL	TMA	5	
TMA	414628	5419693	0.0238	358	358	0 ANNUAL	TMA	5	
TMA	414628	5420193	0.02297	358	358	0 ANNUAL	TMA	5	
TMA	414628	5420693	0.02217	360	360	0 ANNUAL	TMA	5	
TMA	414628	5421193	0.0215	360	360	0 ANNUAL	TMA	5	
TMA	414128	5408193	0.02609	344	344	0 ANNUAL	TMA	5	
TMA	414128	5408693	0.02667	347	347	0 ANNUAL	TMA	5	
TMA	414128	5409193	0.02647	350	350	0 ANNUAL	TMA	5	
TMA	414128	5409693	0.02616	361	361	0 ANNUAL	TMA	5	
TMA	414128	5410193	0.02614	359	359	0 ANNUAL	TMA	5	
TMA	414128	5410693	0.0261	357	357	0 ANNUAL	TMA	5	
TMA	414128	5411193	0.02603	370.5	370.5	0 ANNUAL	TMA	5	
TMA	414128	5411693	0.0257	364	364	0 ANNUAL	TMA	5	
TMA	414128	5412193	0.02489	362	362	0 ANNUAL	TMA	5	
TMA	414128	5412693	0.02389	367	367	0 ANNUAL	TMA	5	
TMA	414128	5413193	0.0228	368	368	0 ANNUAL	TMA	5	
TMA	414128	5413693	0.02177	370	370	0 ANNUAL	TMA	5	
TMA	414128	5414193	0.02115	367	367	0 ANNUAL	TMA	5	
TMA	414128	5414693	0.02093	363	363	0 ANNUAL	TMA	5	
TMA	414128	5415193	0.02109	358.06	358.06	0 ANNUAL	TMA	5	
TMA	414128	5415693	0.02136	350	350	0 ANNUAL	TMA	5	
TMA	414128	5416193	0.0217	350	350	0 ANNUAL	TMA	5	
TMA	414128	5416693	0.02222	350	350	0 ANNUAL	TMA	5	
TMA	414128	5417193	0.02279	351	351	0 ANNUAL	TMA	5	
TMA	414128	5417693	0.02304	353.76	353.76	0 ANNUAL	TMA	5	
TMA	414128	5418193	0.02286	355	355	0 ANNUAL	TMA	5	
TMA	414128	5418693	0.02258	357	357	0 ANNUAL	TMA	5	
TMA	414128	5419193	0.02234	358	358	0 ANNUAL	TMA	5	
TMA	414128	5419693	0.022	359	359	0 ANNUAL	TMA	5	
TMA	414128	5420193	0.0214	359	359	0 ANNUAL	TMA	5	
TMA	414128	5420693	0.02066	360	360	0 ANNUAL	TMA	5	
TMA	414128	5421193	0.01995	360	360	0 ANNUAL	TMA	5	
TMA	414128	5422027	0.01911	360	360	0 ANNUAL	TMA	5	
TMA	414128	5422860	0.01847	360	360	0 ANNUAL	TMA	5	
TMA	414128	5423693	0.01767	360	360	0 ANNUAL	TMA	5	
TMA	415100	5422027	0.02213	361	361	0 ANNUAL	TMA	5	
TMA	415100	5422860	0.02091	360	360	0 ANNUAL	TMA	5	
TMA	415100	5423693	0.0197	357.11	357.11	0 ANNUAL	TMA	5	
TMA	416072	5422027	0.02518	349	349	0 ANNUAL	TMA	5	
TMA	416072	5422860	0.02363	350	350	0 ANNUAL	TMA	5	
TMA	416072	5423693	0.02213	351.91	351.91	0 ANNUAL	TMA	5	
TMA	417045	5422027	0.02887	349	349	0 ANNUAL	TMA	5	
TMA	417045	5422860	0.02652	354.82	354.82	0 ANNUAL	TMA	5	
TMA	417045	5423693	0.02424	364.19	364.19	0 ANNUAL	TMA	5	
TMA	418017	5422027	0.03188	343.69	351	0 ANNUAL	TMA	5	
TMA	418017	5422860	0.02883	363.82	363.82	0 ANNUAL	TMA	5	
TMA	418017	5423693	0.02608	361.57	361.57	0 ANNUAL	TMA	5	
TMA	418989	5422027	0.03483	361	361	0 ANNUAL	TMA	5	
TMA	418989	5422860	0.0309	344.52	344.52	0 ANNUAL	TMA	5	
TMA	418989	5423693	0.0278	354.77	354.77	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	419961	5422027	0.03718	349	349	0 ANNUAL	TMA	5	
TMA	419961	5422860	0.03245	343.48	343.48	0 ANNUAL	TMA	5	
TMA	419961	5423693	0.02889	360	360	0 ANNUAL	TMA	5	
TMA	420934	5422027	0.03903	366.69	366.69	0 ANNUAL	TMA	5	
TMA	420934	5422860	0.03388	351	351	0 ANNUAL	TMA	5	
TMA	420934	5423693	0.02995	355.19	355.19	0 ANNUAL	TMA	5	
TMA	421906	5422027	0.04063	355.05	355.05	0 ANNUAL	TMA	5	
TMA	421906	5422860	0.03536	351	351	0 ANNUAL	TMA	5	
TMA	421906	5423693	0.03128	360	360	0 ANNUAL	TMA	5	
TMA	422878	5422027	0.04091	373.63	373.63	0 ANNUAL	TMA	5	
TMA	422878	5422860	0.03568	357	357	0 ANNUAL	TMA	5	
TMA	422878	5423693	0.03154	360.28	360.28	0 ANNUAL	TMA	5	
TMA	423850	5422027	0.03905	379.96	379.96	0 ANNUAL	TMA	5	
TMA	423850	5422860	0.03419	355.8	355.8	0 ANNUAL	TMA	5	
TMA	423850	5423693	0.03039	368.01	368.01	0 ANNUAL	TMA	5	
TMA	424822	5422027	0.03705	364.2	364.2	0 ANNUAL	TMA	5	
TMA	424822	5422860	0.0324	361.94	361.94	0 ANNUAL	TMA	5	
TMA	424822	5423693	0.02867	374	374	0 ANNUAL	TMA	5	
TMA	425795	5422027	0.03568	367	367	0 ANNUAL	TMA	5	
TMA	425795	5422860	0.03102	366	366	0 ANNUAL	TMA	5	
TMA	425795	5423693	0.02734	366.05	366.05	0 ANNUAL	TMA	5	
TMA	426767	5422027	0.03492	368.71	368.71	0 ANNUAL	TMA	5	
TMA	426767	5422860	0.03068	370	370	0 ANNUAL	TMA	5	
TMA	426767	5423693	0.02698	367	367	0 ANNUAL	TMA	5	
TMA	427739	5422027	0.03258	381.56	381.56	0 ANNUAL	TMA	5	
TMA	427739	5422860	0.02963	365	365	0 ANNUAL	TMA	5	
TMA	427739	5423693	0.02671	366	366	0 ANNUAL	TMA	5	
TMA	428711	5422027	0.02892	360.65	360.65	0 ANNUAL	TMA	5	
TMA	428711	5422860	0.0271	369.42	370	0 ANNUAL	TMA	5	
TMA	428711	5423693	0.0251	380.79	380.79	0 ANNUAL	TMA	5	
TMA	429684	5422027	0.0247	351	351	0 ANNUAL	TMA	5	
TMA	429684	5422860	0.02373	351.04	351.04	0 ANNUAL	TMA	5	
TMA	429684	5423693	0.02271	364.07	364.07	0 ANNUAL	TMA	5	
TMA	430656	5422027	0.02091	346	346	0 ANNUAL	TMA	5	
TMA	430656	5422860	0.02041	352	352	0 ANNUAL	TMA	5	
TMA	430656	5423693	0.01977	351.48	351.48	0 ANNUAL	TMA	5	
TMA	431628	5422027	0.0179	351.82	351.82	0 ANNUAL	TMA	5	
TMA	431628	5422860	0.01753	349.61	349.61	0 ANNUAL	TMA	5	
TMA	431628	5423693	0.0171	339	339	0 ANNUAL	TMA	5	
TMA	429961	5421193	0.02432	355.45	355.45	0 ANNUAL	TMA	5	
TMA	429961	5420221	0.02516	362	362	0 ANNUAL	TMA	5	
TMA	429961	5419249	0.0261	374.41	374.41	0 ANNUAL	TMA	5	
TMA	429961	5418277	0.02778	371	371	0 ANNUAL	TMA	5	
TMA	429961	5417304	0.02958	371	371	0 ANNUAL	TMA	5	
TMA	429961	5416332	0.0314	378	378	0 ANNUAL	TMA	5	
TMA	429961	5413415	0.04597	390	390	0 ANNUAL	TMA	5	
TMA	429961	5407582	0.03059	359	359	0 ANNUAL	TMA	5	
TMA	429961	5406610	0.02639	361.02	361.02	0 ANNUAL	TMA	5	
TMA	429961	5405638	0.02362	367	367	0 ANNUAL	TMA	5	
TMA	429961	5404665	0.02125	370	370	0 ANNUAL	TMA	5	
TMA	429961	5403693	0.01909	369	369	0 ANNUAL	TMA	5	
TMA	430795	5421193	0.02099	358	358	0 ANNUAL	TMA	5	
TMA	430795	5420221	0.02167	362	362	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	430795	5419249	0.02279	370	370	0 ANNUAL	TMA	5	
TMA	430795	5418277	0.02423	370	370	0 ANNUAL	TMA	5	
TMA	430795	5417304	0.02527	385.02	385.02	0 ANNUAL	TMA	5	
TMA	430795	5416332	0.02677	389.42	390	0 ANNUAL	TMA	5	
TMA	430795	5413415	0.03936	378	378	0 ANNUAL	TMA	5	
TMA	430795	5409527	0.03497	381	381	0 ANNUAL	TMA	5	
TMA	430795	5408554	0.03213	366.09	366.09	0 ANNUAL	TMA	5	
TMA	430795	5406610	0.02428	372.63	372.63	0 ANNUAL	TMA	5	
TMA	430795	5405638	0.02143	370	370	0 ANNUAL	TMA	5	
TMA	430795	5404665	0.01949	365	365	0 ANNUAL	TMA	5	
TMA	430795	5403693	0.01781	362	362	0 ANNUAL	TMA	5	
TMA	431628	5421193	0.01841	369.26	369.26	0 ANNUAL	TMA	5	
TMA	431628	5420221	0.01908	370	370	0 ANNUAL	TMA	5	
TMA	431628	5419249	0.02022	365.51	365.51	0 ANNUAL	TMA	5	
TMA	431628	5418277	0.02136	370.11	392	0 ANNUAL	TMA	5	
TMA	431628	5417304	0.0224	373	391	0 ANNUAL	TMA	5	
TMA	431628	5416332	0.02394	382.43	382.43	0 ANNUAL	TMA	5	
TMA	431628	5415360	0.02754	378.88	378.88	0 ANNUAL	TMA	5	
TMA	431628	5414388	0.03109	379	379	0 ANNUAL	TMA	5	
TMA	431628	5413415	0.03396	376	376	0 ANNUAL	TMA	5	
TMA	431628	5412443	0.03441	380	380	0 ANNUAL	TMA	5	
TMA	431628	5411471	0.03206	382	382	0 ANNUAL	TMA	5	
TMA	431628	5409527	0.03033	381	381	0 ANNUAL	TMA	5	
TMA	431628	5408554	0.02864	361	361	0 ANNUAL	TMA	5	
TMA	431628	5407582	0.02598	368.07	368.07	0 ANNUAL	TMA	5	
TMA	431628	5406610	0.02277	378	378	0 ANNUAL	TMA	5	
TMA	431628	5405638	0.01981	368.84	368.84	0 ANNUAL	TMA	5	
TMA	431628	5404665	0.01782	370	370	0 ANNUAL	TMA	5	
TMA	431628	5403693	0.01641	379.57	379.57	0 ANNUAL	TMA	5	
TMA	429128	5405360	0.02498	363	363	0 ANNUAL	TMA	5	
TMA	429128	5404527	0.02246	368	368	0 ANNUAL	TMA	5	
TMA	429128	5403693	0.02024	369	369	0 ANNUAL	TMA	5	
TMA	428156	5405360	0.02719	362	362	0 ANNUAL	TMA	5	
TMA	428156	5404527	0.02399	370	370	0 ANNUAL	TMA	5	
TMA	428156	5403693	0.02102	369	369	0 ANNUAL	TMA	5	
TMA	427184	5405360	0.02876	368	368	0 ANNUAL	TMA	5	
TMA	427184	5404527	0.02456	367.45	367.45	0 ANNUAL	TMA	5	
TMA	427184	5403693	0.02105	366.53	366.53	0 ANNUAL	TMA	5	
TMA	426211	5405360	0.02903	363.02	363.02	0 ANNUAL	TMA	5	
TMA	426211	5404527	0.02439	369	369	0 ANNUAL	TMA	5	
TMA	426211	5403693	0.02076	367.92	367.92	0 ANNUAL	TMA	5	
TMA	425239	5405360	0.02857	364	364	0 ANNUAL	TMA	5	
TMA	425239	5404527	0.02385	369.22	369.22	0 ANNUAL	TMA	5	
TMA	425239	5403693	0.02016	364.64	364.64	0 ANNUAL	TMA	5	
TMA	424267	5405360	0.02736	361	361	0 ANNUAL	TMA	5	
TMA	424267	5404527	0.02276	361.96	361.96	0 ANNUAL	TMA	5	
TMA	424267	5403693	0.01933	364.64	364.64	0 ANNUAL	TMA	5	
TMA	423295	5405360	0.02686	360	360	0 ANNUAL	TMA	5	
TMA	423295	5404527	0.02239	357	357	0 ANNUAL	TMA	5	
TMA	423295	5403693	0.01909	363	363	0 ANNUAL	TMA	5	
TMA	422322	5405360	0.02697	355	355	0 ANNUAL	TMA	5	
TMA	422322	5404527	0.02262	354	354	0 ANNUAL	TMA	5	
TMA	422322	5403693	0.01935	359	359	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	421350	5404527	0.02295	356.96	356.96	0 ANNUAL	TMA	5	
TMA	421350	5403693	0.01976	359	359	0 ANNUAL	TMA	5	
TMA	420378	5405360	0.0268	360	360	0 ANNUAL	TMA	5	
TMA	420378	5404527	0.02274	349.55	349.55	0 ANNUAL	TMA	5	
TMA	420378	5403693	0.01983	360	360	0 ANNUAL	TMA	5	
TMA	419406	5405360	0.02507	352	352	0 ANNUAL	TMA	5	
TMA	419406	5404527	0.02149	352	352	0 ANNUAL	TMA	5	
TMA	419406	5403693	0.01878	357	357	0 ANNUAL	TMA	5	
TMA	418434	5405360	0.02348	343.7	343.7	0 ANNUAL	TMA	5	
TMA	418434	5404527	0.02023	351	351	0 ANNUAL	TMA	5	
TMA	418434	5403693	0.01751	344.26	344.26	0 ANNUAL	TMA	5	
TMA	417461	5405360	0.0224	349.41	349.41	0 ANNUAL	TMA	5	
TMA	417461	5404527	0.01943	358	358	0 ANNUAL	TMA	5	
TMA	417461	5403693	0.01686	350	350	0 ANNUAL	TMA	5	
TMA	416489	5405360	0.02128	349	349	0 ANNUAL	TMA	5	
TMA	416489	5404527	0.01868	350	350	0 ANNUAL	TMA	5	
TMA	416489	5403693	0.0164	348	348	0 ANNUAL	TMA	5	
TMA	415517	5405360	0.01916	349.67	349.67	0 ANNUAL	TMA	5	
TMA	415517	5404527	0.01754	352.74	352.74	0 ANNUAL	TMA	5	
TMA	415517	5403693	0.01578	348	348	0 ANNUAL	TMA	5	
TMA	414545	5405360	0.01725	346	346	0 ANNUAL	TMA	5	
TMA	414545	5404527	0.01567	349	349	0 ANNUAL	TMA	5	
TMA	414545	5403693	0.01459	348	348	0 ANNUAL	TMA	5	
TMA	413572	5405360	0.01632	343	343	0 ANNUAL	TMA	5	
TMA	413572	5404527	0.01436	342.07	342.07	0 ANNUAL	TMA	5	
TMA	413572	5403693	0.01309	347.01	347.01	0 ANNUAL	TMA	5	
TMA	412600	5405360	0.01551	339.29	339.29	0 ANNUAL	TMA	5	
TMA	412600	5404527	0.01372	337	337	0 ANNUAL	TMA	5	
TMA	412600	5403693	0.01224	341	341	0 ANNUAL	TMA	5	
TMA	411628	5405360	0.01483	343	343	0 ANNUAL	TMA	5	
TMA	411628	5404527	0.01312	339.78	339.78	0 ANNUAL	TMA	5	
TMA	411628	5403693	0.01177	338	338	0 ANNUAL	TMA	5	
TMA	413295	5406193	0.01847	348.65	348.65	0 ANNUAL	TMA	5	
TMA	413295	5407165	0.02136	350	350	0 ANNUAL	TMA	5	
TMA	413295	5408138	0.02275	345	345	0 ANNUAL	TMA	5	
TMA	413295	5409110	0.02239	358.76	358.76	0 ANNUAL	TMA	5	
TMA	413295	5410082	0.02218	358	358	0 ANNUAL	TMA	5	
TMA	413295	5411054	0.02211	355	355	0 ANNUAL	TMA	5	
TMA	413295	5412027	0.0213	356	356	0 ANNUAL	TMA	5	
TMA	413295	5412999	0.01981	359	359	0 ANNUAL	TMA	5	
TMA	413295	5413971	0.01823	365.12	365.12	0 ANNUAL	TMA	5	
TMA	413295	5414943	0.01769	353.61	353.61	0 ANNUAL	TMA	5	
TMA	413295	5415915	0.01811	351	351	0 ANNUAL	TMA	5	
TMA	413295	5416888	0.01871	353	353	0 ANNUAL	TMA	5	
TMA	413295	5417860	0.0196	355	355	0 ANNUAL	TMA	5	
TMA	413295	5418832	0.0195	357	357	0 ANNUAL	TMA	5	
TMA	413295	5419804	0.01915	358.67	358.67	0 ANNUAL	TMA	5	
TMA	413295	5420777	0.01846	359	359	0 ANNUAL	TMA	5	
TMA	413295	5421749	0.01728	360	360	0 ANNUAL	TMA	5	
TMA	413295	5422721	0.01645	361	361	0 ANNUAL	TMA	5	
TMA	413295	5423693	0.01593	359.14	359.14	0 ANNUAL	TMA	5	
TMA	412461	5406193	0.01753	345	345	0 ANNUAL	TMA	5	
TMA	412461	5407165	0.01943	348	348	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
TMA	412461	5408138	0.01971	348	348	0 ANNUAL	TMA	5	
TMA	412461	5409110	0.0191	355.04	355.04	0 ANNUAL	TMA	5	
TMA	412461	5410082	0.01916	355.14	355.14	0 ANNUAL	TMA	5	
TMA	412461	5411054	0.0191	354	354	0 ANNUAL	TMA	5	
TMA	412461	5412027	0.01837	360	360	0 ANNUAL	TMA	5	
TMA	412461	5412999	0.0172	360	360	0 ANNUAL	TMA	5	
TMA	412461	5413971	0.01578	360	360	0 ANNUAL	TMA	5	
TMA	412461	5414943	0.01525	351	351	0 ANNUAL	TMA	5	
TMA	412461	5415915	0.01547	350	350	0 ANNUAL	TMA	5	
TMA	412461	5416888	0.01593	354	354	0 ANNUAL	TMA	5	
TMA	412461	5417860	0.01665	354	354	0 ANNUAL	TMA	5	
TMA	412461	5418832	0.01703	356	356	0 ANNUAL	TMA	5	
TMA	412461	5419804	0.0168	360	360	0 ANNUAL	TMA	5	
TMA	412461	5420777	0.01653	360	360	0 ANNUAL	TMA	5	
TMA	412461	5421749	0.01573	355	355	0 ANNUAL	TMA	5	
TMA	412461	5422721	0.01475	353	353	0 ANNUAL	TMA	5	
TMA	412461	5423693	0.01421	361	361	0 ANNUAL	TMA	5	
TMA	411628	5406193	0.0165	345	345	0 ANNUAL	TMA	5	
TMA	411628	5407165	0.01733	347	347	0 ANNUAL	TMA	5	
TMA	411628	5408138	0.01709	349	349	0 ANNUAL	TMA	5	
TMA	411628	5409110	0.01655	350	350	0 ANNUAL	TMA	5	
TMA	411628	5410082	0.01678	350	350	0 ANNUAL	TMA	5	
TMA	411628	5411054	0.01666	353.58	353.58	0 ANNUAL	TMA	5	
TMA	411628	5412027	0.01601	356	356	0 ANNUAL	TMA	5	
TMA	411628	5412999	0.01508	353.13	353.13	0 ANNUAL	TMA	5	
TMA	411628	5413971	0.01384	353.37	353.37	0 ANNUAL	TMA	5	
TMA	411628	5414943	0.01334	349.88	349.88	0 ANNUAL	TMA	5	
TMA	411628	5415915	0.01348	359.68	359.68	0 ANNUAL	TMA	5	
TMA	411628	5416888	0.01381	360.86	360.86	0 ANNUAL	TMA	5	
TMA	411628	5417860	0.01431	360	360	0 ANNUAL	TMA	5	
TMA	411628	5418832	0.01486	357	357	0 ANNUAL	TMA	5	
TMA	411628	5419804	0.01484	360	360	0 ANNUAL	TMA	5	
TMA	411628	5420777	0.01472	360	360	0 ANNUAL	TMA	5	
TMA	411628	5421749	0.01438	360	360	0 ANNUAL	TMA	5	
TMA	411628	5422721	0.01359	361.2	361.2	0 ANNUAL	TMA	5	
TMA	411628	5423693	0.0128	350	350	0 ANNUAL	TMA	5	
MINE	424480	5408573	0.07025	348	348	0 ANNUAL	TMA	5	
MINE	424480	5408523	0.06907	348.55	348.55	0 ANNUAL	TMA	5	
MINE	424480	5408473	0.06791	349	349	0 ANNUAL	TMA	5	
MINE	424480	5408423	0.0668	349.87	349.87	0 ANNUAL	TMA	5	
MINE	424480	5408373	0.06567	350	350	0 ANNUAL	TMA	5	
MINE	424480	5408323	0.0646	350.68	350.68	0 ANNUAL	TMA	5	
MINE	424480	5408273	0.06354	351.34	351.34	0 ANNUAL	TMA	5	
MINE	424430	5408573	0.07034	348	348	0 ANNUAL	TMA	5	
MINE	424430	5408523	0.06915	348.58	348.58	0 ANNUAL	TMA	5	
MINE	424430	5408473	0.06798	349	349	0 ANNUAL	TMA	5	
MINE	424430	5408423	0.06687	350	350	0 ANNUAL	TMA	5	
MINE	424430	5408373	0.06573	350.05	350.05	0 ANNUAL	TMA	5	
MINE	424430	5408323	0.06466	351	351	0 ANNUAL	TMA	5	
MINE	424430	5408273	0.06362	352	352	0 ANNUAL	TMA	5	
MINE	424380	5408573	0.07043	348	348	0 ANNUAL	TMA	5	
MINE	424380	5408523	0.06923	348.61	348.61	0 ANNUAL	TMA	5	
MINE	424380	5408473	0.06805	349	349	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	424380	5408423	0.06693	350	350	0 ANNUAL	TMA	5	
MINE	424380	5408373	0.06584	351	351	0 ANNUAL	TMA	5	
MINE	424380	5408323	0.06471	351.24	351.24	0 ANNUAL	TMA	5	
MINE	424380	5408273	0.06367	352.4	352.4	0 ANNUAL	TMA	5	
MINE	426976	5407714	0.04621	350	350	0 ANNUAL	TMA	5	
MINE	426976	5407615	0.04525	350.8	350.8	0 ANNUAL	TMA	5	
MINE	426976	5407517	0.04434	352.28	352.28	0 ANNUAL	TMA	5	
MINE	426976	5407418	0.04351	356.47	356.47	0 ANNUAL	TMA	5	
MINE	426976	5407319	0.04267	360.1	360.1	0 ANNUAL	TMA	5	
MINE	426976	5407221	0.04186	365.35	365.35	0 ANNUAL	TMA	5	
MINE	426976	5407122	0.04102	369.63	369.63	0 ANNUAL	TMA	5	
MINE	426976	5407023	0.04018	371	371	0 ANNUAL	TMA	5	
MINE	427072	5407714	0.04569	350	350	0 ANNUAL	TMA	5	
MINE	427072	5407615	0.04474	350	350	0 ANNUAL	TMA	5	
MINE	427072	5407517	0.04382	350	350	0 ANNUAL	TMA	5	
MINE	427072	5407418	0.04298	352.13	362	0 ANNUAL	TMA	5	
MINE	427072	5407319	0.04229	362.04	362.04	0 ANNUAL	TMA	5	
MINE	427072	5407221	0.04146	364.17	364.17	0 ANNUAL	TMA	5	
MINE	427072	5407122	0.04065	366.09	366.09	0 ANNUAL	TMA	5	
MINE	427072	5407023	0.03985	368	368	0 ANNUAL	TMA	5	
MINE	427168	5407714	0.04519	351	351	0 ANNUAL	TMA	5	
MINE	427168	5407615	0.04424	350	350	0 ANNUAL	TMA	5	
MINE	427168	5407517	0.04336	350	350	0 ANNUAL	TMA	5	
MINE	427168	5407418	0.04249	350	361	0 ANNUAL	TMA	5	
MINE	427168	5407319	0.04178	355.95	361	0 ANNUAL	TMA	5	
MINE	427168	5407221	0.04099	358.24	358.24	0 ANNUAL	TMA	5	
MINE	427168	5407122	0.04022	361.42	361.42	0 ANNUAL	TMA	5	
MINE	427168	5407023	0.03946	363.55	363.55	0 ANNUAL	TMA	5	
MINE	427265	5407714	0.04475	354.98	354.98	0 ANNUAL	TMA	5	
MINE	427265	5407615	0.04381	352.85	352.85	0 ANNUAL	TMA	5	
MINE	427265	5407517	0.0429	351	351	0 ANNUAL	TMA	5	
MINE	427265	5407418	0.04203	350	350	0 ANNUAL	TMA	5	
MINE	427265	5407319	0.04128	352.94	352.94	0 ANNUAL	TMA	5	
MINE	427265	5407221	0.04058	357.79	357.79	0 ANNUAL	TMA	5	
MINE	427265	5407122	0.03982	360	360	0 ANNUAL	TMA	5	
MINE	427265	5407023	0.03907	360.72	360.72	0 ANNUAL	TMA	5	
MINE	427361	5407714	0.04427	358.39	358.39	0 ANNUAL	TMA	5	
MINE	427361	5407615	0.04337	356.25	356.25	0 ANNUAL	TMA	5	
MINE	427361	5407517	0.04245	352.64	352.64	0 ANNUAL	TMA	5	
MINE	427361	5407418	0.04157	350	350	0 ANNUAL	TMA	5	
MINE	427361	5407319	0.04082	351.93	351.93	0 ANNUAL	TMA	5	
MINE	427361	5407221	0.0401	354.41	354.41	0 ANNUAL	TMA	5	
MINE	427361	5407122	0.03938	357.1	357.1	0 ANNUAL	TMA	5	
MINE	427361	5407023	0.03868	360	360	0 ANNUAL	TMA	5	
MINE	427457	5407714	0.04375	361	361	0 ANNUAL	TMA	5	
MINE	427457	5407615	0.04289	358.98	358.98	0 ANNUAL	TMA	5	
MINE	427457	5407517	0.04202	355.42	355.42	0 ANNUAL	TMA	5	
MINE	427457	5407418	0.04116	352.23	352.23	0 ANNUAL	TMA	5	
MINE	427457	5407319	0.04036	351	351	0 ANNUAL	TMA	5	
MINE	427457	5407221	0.03963	352	352	0 ANNUAL	TMA	5	
MINE	427457	5407122	0.03893	353.97	353.97	0 ANNUAL	TMA	5	
MINE	427457	5407023	0.03828	358.55	358.55	0 ANNUAL	TMA	5	
MINE	427553	5407714	0.0432	362	362	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	427553	5407615	0.04237	360	360	0 ANNUAL	TMA	5	
MINE	427553	5407517	0.04156	358.25	358.25	0 ANNUAL	TMA	5	
MINE	427553	5407418	0.0408	358.56	358.56	0 ANNUAL	TMA	5	
MINE	427553	5407319	0.03999	355.17	355.17	0 ANNUAL	TMA	5	
MINE	427553	5407221	0.0392	352.25	352.25	0 ANNUAL	TMA	5	
MINE	427553	5407122	0.03846	351	351	0 ANNUAL	TMA	5	
MINE	427553	5407023	0.03782	353.88	353.88	0 ANNUAL	TMA	5	
MINE	427649	5407714	0.04265	364.04	364.04	0 ANNUAL	TMA	5	
MINE	427649	5407615	0.04186	362.25	362.25	0 ANNUAL	TMA	5	
MINE	427649	5407517	0.04113	364.29	364.29	0 ANNUAL	TMA	5	
MINE	427649	5407418	0.04039	364.9	364.9	0 ANNUAL	TMA	5	
MINE	427649	5407319	0.03963	361.58	366	0 ANNUAL	TMA	5	
MINE	427649	5407221	0.0389	359.57	359.57	0 ANNUAL	TMA	5	
MINE	427649	5407122	0.03808	352.5	361	0 ANNUAL	TMA	5	
MINE	427649	5407023	0.0374	352.5	352.5	0 ANNUAL	TMA	5	
MINE	427745	5407517	0.04064	369.72	369.72	0 ANNUAL	TMA	5	
MINE	427745	5407418	0.03991	371	371	0 ANNUAL	TMA	5	
MINE	427745	5407319	0.03923	369.08	369.08	0 ANNUAL	TMA	5	
MINE	427745	5407221	0.0385	363.91	363.91	0 ANNUAL	TMA	5	
MINE	427745	5407122	0.03773	356.34	362	0 ANNUAL	TMA	5	
MINE	427745	5407023	0.037	352.45	352.45	0 ANNUAL	TMA	5	
MINE	427842	5407517	0.0401	371.09	371.09	0 ANNUAL	TMA	5	
MINE	427842	5407418	0.0394	372	372	0 ANNUAL	TMA	5	
MINE	427842	5407319	0.03874	370.39	370.39	0 ANNUAL	TMA	5	
MINE	427842	5407221	0.03808	367.13	367.13	0 ANNUAL	TMA	5	
MINE	427842	5407122	0.03735	359.72	359.72	0 ANNUAL	TMA	5	
MINE	427842	5407023	0.03659	352	352	0 ANNUAL	TMA	5	
MINE	427938	5407517	0.03956	371.85	371.85	0 ANNUAL	TMA	5	
MINE	427938	5407418	0.03891	371	371	0 ANNUAL	TMA	5	
MINE	427938	5407319	0.03827	369.44	369.44	0 ANNUAL	TMA	5	
MINE	427938	5407221	0.0376	364.3	364.3	0 ANNUAL	TMA	5	
MINE	427938	5407122	0.03691	358.83	358.83	0 ANNUAL	TMA	5	
MINE	427938	5407023	0.0362	352.66	352.66	0 ANNUAL	TMA	5	
MINE	428034	5407517	0.03904	370.57	370.57	0 ANNUAL	TMA	5	
MINE	428034	5407418	0.0384	371	371	0 ANNUAL	TMA	5	
MINE	428034	5407319	0.03779	368.49	368.49	0 ANNUAL	TMA	5	
MINE	428034	5407221	0.03714	363.72	363.72	0 ANNUAL	TMA	5	
MINE	428034	5407122	0.03648	358.93	358.93	0 ANNUAL	TMA	5	
MINE	428034	5407023	0.03581	353.71	353.71	0 ANNUAL	TMA	5	
MINE	428130	5407517	0.03851	370	370	0 ANNUAL	TMA	5	
MINE	428130	5407418	0.03789	370	370	0 ANNUAL	TMA	5	
MINE	428130	5407319	0.03729	367.55	367.55	0 ANNUAL	TMA	5	
MINE	428130	5407221	0.03666	362.59	362.59	0 ANNUAL	TMA	5	
MINE	428130	5407122	0.03603	357.97	357.97	0 ANNUAL	TMA	5	
MINE	428130	5407023	0.03538	352.97	352.97	0 ANNUAL	TMA	5	
MINE	426880	5407696	0.04662	353.15	353.15	0 ANNUAL	TMA	5	
MINE	426880	5407600	0.04566	354.09	354.09	0 ANNUAL	TMA	5	
MINE	426880	5407504	0.04475	355.99	355.99	0 ANNUAL	TMA	5	
MINE	426880	5407408	0.04387	358.33	358.33	0 ANNUAL	TMA	5	
MINE	426880	5407312	0.04303	362.3	362.3	0 ANNUAL	TMA	5	
MINE	426880	5407216	0.0422	367.62	367.62	0 ANNUAL	TMA	5	
MINE	426880	5407119	0.04133	370.93	370.93	0 ANNUAL	TMA	5	
MINE	426880	5407023	0.04048	372.97	372.97	0 ANNUAL	TMA	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole   Averagin	Source Gr	Num Year	Net ID
MINE	426781	5407696	0.04718	356	356	0 ANNUAL TMA		5
MINE	426781	5407600	0.0462	357.04	357.04	0 ANNUAL TMA		5
MINE	426781	5407504	0.04524	358.56	358.56	0 ANNUAL TMA		5
MINE	426781	5407408	0.04432	360.61	360.61	0 ANNUAL TMA		5
MINE	426781	5407312	0.04344	364.81	364.81	0 ANNUAL TMA		5
MINE	426781	5407216	0.04257	369.68	369.68	0 ANNUAL TMA		5
MINE	426781	5407119	0.04166	372	372	0 ANNUAL TMA		5
MINE	426781	5407023	0.04079	374	374	0 ANNUAL TMA		5
MINE	426683	5407696	0.04773	359.06	359.06	0 ANNUAL TMA		5
MINE	426683	5407600	0.0467	359.98	359.98	0 ANNUAL TMA		5
MINE	426683	5407504	0.04571	361.25	361.25	0 ANNUAL TMA		5
MINE	426683	5407408	0.04475	363.89	363.89	0 ANNUAL TMA		5
MINE	426683	5407312	0.04383	367.43	367.43	0 ANNUAL TMA		5
MINE	426683	5407216	0.0429	370	370	0 ANNUAL TMA		5
MINE	426683	5407119	0.04198	371.94	371.94	0 ANNUAL TMA		5
MINE	426683	5407023	0.04108	374.04	374.04	0 ANNUAL TMA		5
MINE	426584	5407696	0.04823	361.53	361.53	0 ANNUAL TMA		5
MINE	426584	5407600	0.04717	362.53	362.53	0 ANNUAL TMA		5
MINE	426584	5407504	0.04613	362.88	362.88	0 ANNUAL TMA		5
MINE	426584	5407408	0.04513	364.48	364.48	0 ANNUAL TMA		5
MINE	426584	5407312	0.04418	367.47	367.47	0 ANNUAL TMA		5
MINE	426584	5407216	0.04323	369.98	369.98	0 ANNUAL TMA		5
MINE	426584	5407119	0.04228	371.96	371.96	0 ANNUAL TMA		5
MINE	426584	5407023	0.04137	374.1	374.1	0 ANNUAL TMA		5
MINE	426485	5407696	0.04872	365.1	365.1	0 ANNUAL TMA		5
MINE	426485	5407600	0.04763	366.91	366.91	0 ANNUAL TMA		5
MINE	426485	5407504	0.04655	366.8	366.8	0 ANNUAL TMA		5
MINE	426485	5407408	0.04549	364.84	364.84	0 ANNUAL TMA		5
MINE	426485	5407312	0.04448	364.7	364.7	0 ANNUAL TMA		5
MINE	426485	5407216	0.04354	368.85	368.85	0 ANNUAL TMA		5
MINE	426485	5407119	0.04257	372.01	372.01	0 ANNUAL TMA		5
MINE	426485	5407023	0.04162	375.06	375.06	0 ANNUAL TMA		5
MINE	426387	5407696	0.04916	368.41	368.41	0 ANNUAL TMA		5
MINE	426387	5407600	0.04802	370	370	0 ANNUAL TMA		5
MINE	426387	5407504	0.0469	371	371	0 ANNUAL TMA		5
MINE	426387	5407408	0.04585	368.39	368.39	0 ANNUAL TMA		5
MINE	426387	5407312	0.0448	366.06	366.06	0 ANNUAL TMA		5
MINE	426387	5407216	0.04382	370.9	370.9	0 ANNUAL TMA		5
MINE	426387	5407119	0.04283	373	373	0 ANNUAL TMA		5
MINE	426387	5407023	0.04187	375.21	375.21	0 ANNUAL TMA		5
MINE	426288	5407696	0.04954	370.89	370.89	0 ANNUAL TMA		5
MINE	426288	5407600	0.04834	373.78	373.78	0 ANNUAL TMA		5
MINE	426288	5407504	0.04723	372.5	372.5	0 ANNUAL TMA		5
MINE	426288	5407408	0.04616	368.33	368.33	0 ANNUAL TMA		5
MINE	426288	5407312	0.04511	367.43	367.43	0 ANNUAL TMA		5
MINE	426288	5407216	0.04409	370.96	370.96	0 ANNUAL TMA		5
MINE	426288	5407119	0.04308	373	373	0 ANNUAL TMA		5
MINE	426288	5407023	0.04213	374.27	374.27	0 ANNUAL TMA		5
MINE	426189	5407696	0.04981	376.58	376.58	0 ANNUAL TMA		5
MINE	426189	5407600	0.04862	376.59	376.59	0 ANNUAL TMA		5
MINE	426189	5407504	0.04755	372.44	372.44	0 ANNUAL TMA		5
MINE	426189	5407408	0.04647	369	369	0 ANNUAL TMA		5
MINE	426189	5407312	0.04539	368	368	0 ANNUAL TMA		5

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	426189	5407216	0.04436	370	370	0 ANNUAL	TMA	5	
MINE	426189	5407119	0.04333	372	372	0 ANNUAL	TMA	5	
MINE	426189	5407023	0.04235	373.32	373.32	0 ANNUAL	TMA	5	
MINE	426091	5407696	0.05003	381	381	0 ANNUAL	TMA	5	
MINE	426091	5407600	0.04895	376.7	376.7	0 ANNUAL	TMA	5	
MINE	426091	5407504	0.04787	370.39	370.39	0 ANNUAL	TMA	5	
MINE	426091	5407408	0.04675	369	369	0 ANNUAL	TMA	5	
MINE	426091	5407312	0.04566	369.4	369.4	0 ANNUAL	TMA	5	
MINE	426091	5407216	0.0446	370.02	370.02	0 ANNUAL	TMA	5	
MINE	426091	5407119	0.04356	371.24	371.24	0 ANNUAL	TMA	5	
MINE	426091	5407023	0.04256	373	373	0 ANNUAL	TMA	5	
MINE	425992	5407696	0.0505	376.16	376.16	0 ANNUAL	TMA	5	
MINE	425992	5407600	0.0493	374.34	374.34	0 ANNUAL	TMA	5	
MINE	425992	5407504	0.04816	370.33	370.33	0 ANNUAL	TMA	5	
MINE	425992	5407408	0.04702	369	369	0 ANNUAL	TMA	5	
MINE	425992	5407312	0.04591	369.11	369.11	0 ANNUAL	TMA	5	
MINE	425992	5407216	0.04483	370	370	0 ANNUAL	TMA	5	
MINE	425992	5407119	0.04377	371.08	371.08	0 ANNUAL	TMA	5	
MINE	425992	5407023	0.04275	372.64	372.64	0 ANNUAL	TMA	5	
MINE	425893	5407696	0.05089	371.62	371.62	0 ANNUAL	TMA	5	
MINE	425893	5407600	0.04963	371.42	371.42	0 ANNUAL	TMA	5	
MINE	425893	5407504	0.04844	369.27	369.27	0 ANNUAL	TMA	5	
MINE	425893	5407408	0.04726	368	368	0 ANNUAL	TMA	5	
MINE	425893	5407312	0.04613	368	368	0 ANNUAL	TMA	5	
MINE	425893	5407216	0.04504	369.05	369.05	0 ANNUAL	TMA	5	
MINE	425893	5407119	0.04397	370.35	370.35	0 ANNUAL	TMA	5	
MINE	425893	5407023	0.04292	372.49	372.49	0 ANNUAL	TMA	5	
MINE	425794	5407696	0.05121	368	368	0 ANNUAL	TMA	5	
MINE	425794	5407600	0.04994	369	369	0 ANNUAL	TMA	5	
MINE	425794	5407504	0.04869	368	368	0 ANNUAL	TMA	5	
MINE	425794	5407408	0.04748	366.01	366.01	0 ANNUAL	TMA	5	
MINE	425794	5407312	0.04633	366.02	366.02	0 ANNUAL	TMA	5	
MINE	425794	5407216	0.04523	368.24	368.24	0 ANNUAL	TMA	5	
MINE	425794	5407119	0.04415	370	370	0 ANNUAL	TMA	5	
MINE	425794	5407023	0.04308	372	372	0 ANNUAL	TMA	5	
MINE	425696	5407696	0.05145	364.24	364.24	0 ANNUAL	TMA	5	
MINE	425696	5407600	0.05015	364.51	364.51	0 ANNUAL	TMA	5	
MINE	425696	5407504	0.04889	363.59	363.59	0 ANNUAL	TMA	5	
MINE	425696	5407408	0.04766	362.68	362.68	0 ANNUAL	TMA	5	
MINE	425696	5407312	0.04651	364.12	364.12	0 ANNUAL	TMA	5	
MINE	425696	5407216	0.0454	366.3	366.3	0 ANNUAL	TMA	5	
MINE	425696	5407119	0.04431	368.96	368.96	0 ANNUAL	TMA	5	
MINE	425696	5407023	0.04323	370.61	370.61	0 ANNUAL	TMA	5	
MINE	425597	5407696	0.05162	358.97	358.97	0 ANNUAL	TMA	5	
MINE	425597	5407600	0.0503	359.06	359.06	0 ANNUAL	TMA	5	
MINE	425597	5407504	0.04905	360	360	0 ANNUAL	TMA	5	
MINE	425597	5407408	0.04783	361.05	361.05	0 ANNUAL	TMA	5	
MINE	425597	5407312	0.04667	363	363	0 ANNUAL	TMA	5	
MINE	425597	5407216	0.04554	365.14	365.14	0 ANNUAL	TMA	5	
MINE	425597	5407119	0.04444	367.25	367.25	0 ANNUAL	TMA	5	
MINE	425597	5407023	0.04336	368.85	368.85	0 ANNUAL	TMA	5	
MINE	425498	5407696	0.0519	360	360	0 ANNUAL	TMA	5	
MINE	425498	5407600	0.05056	360.32	360.32	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	425498	5407504	0.04928	361	361	0 ANNUAL	TMA	5	
MINE	425498	5407408	0.04804	362.32	362.32	0 ANNUAL	TMA	5	
MINE	425498	5407312	0.04685	364.04	364.04	0 ANNUAL	TMA	5	
MINE	425498	5407216	0.04568	365.06	365.06	0 ANNUAL	TMA	5	
MINE	425498	5407119	0.04454	366	366	0 ANNUAL	TMA	5	
MINE	425498	5407023	0.04344	367	367	0 ANNUAL	TMA	5	
MINE	425400	5407696	0.05216	361	361	0 ANNUAL	TMA	5	
MINE	425400	5407600	0.0508	361.98	361.98	0 ANNUAL	TMA	5	
MINE	425400	5407504	0.0495	363.01	363.01	0 ANNUAL	TMA	5	
MINE	425400	5407408	0.04824	365.12	365.12	0 ANNUAL	TMA	5	
MINE	425400	5407312	0.04702	367.19	367.19	0 ANNUAL	TMA	5	
MINE	425400	5407216	0.04583	368.74	368.74	0 ANNUAL	TMA	5	
MINE	425400	5407119	0.04465	369.79	369.79	0 ANNUAL	TMA	5	
MINE	425400	5407023	0.04353	369.34	369.34	0 ANNUAL	TMA	5	
MINE	425301	5407696	0.05239	361.78	361.78	0 ANNUAL	TMA	5	
MINE	425301	5407600	0.05101	363	363	0 ANNUAL	TMA	5	
MINE	425301	5407504	0.04969	365.07	365.07	0 ANNUAL	TMA	5	
MINE	425301	5407408	0.0484	367.23	367.23	0 ANNUAL	TMA	5	
MINE	425301	5407312	0.04715	369	369	0 ANNUAL	TMA	5	
MINE	425301	5407216	0.04591	370	370	0 ANNUAL	TMA	5	
MINE	425301	5407119	0.04472	370	370	0 ANNUAL	TMA	5	
MINE	425301	5407023	0.04356	370	370	0 ANNUAL	TMA	5	
MINE	424413	5408177	0.06168	354	354	0 ANNUAL	TMA	5	
MINE	424413	5408081	0.05978	356	356	0 ANNUAL	TMA	5	
MINE	424413	5407985	0.05795	358	358	0 ANNUAL	TMA	5	
MINE	424413	5407889	0.05618	359.98	359.98	0 ANNUAL	TMA	5	
MINE	424413	5407792	0.05455	366.77	369	0 ANNUAL	TMA	5	
MINE	424413	5407696	0.05282	373.85	373.85	0 ANNUAL	TMA	5	
MINE	424413	5407600	0.05109	376.64	376.64	0 ANNUAL	TMA	5	
MINE	424413	5407504	0.04958	375.3	375.3	0 ANNUAL	TMA	5	
MINE	424413	5407408	0.04817	372.2	372.2	0 ANNUAL	TMA	5	
MINE	424413	5407312	0.04678	370	370	0 ANNUAL	TMA	5	
MINE	424413	5407216	0.04542	368.94	368.94	0 ANNUAL	TMA	5	
MINE	424413	5407119	0.04409	367	367	0 ANNUAL	TMA	5	
MINE	424413	5407023	0.04282	365.15	365.15	0 ANNUAL	TMA	5	
MINE	424314	5408177	0.06169	354	354	0 ANNUAL	TMA	5	
MINE	424314	5408081	0.05974	355.75	355.75	0 ANNUAL	TMA	5	
MINE	424314	5407985	0.05786	357	357	0 ANNUAL	TMA	5	
MINE	424314	5407889	0.05605	358.04	358.04	0 ANNUAL	TMA	5	
MINE	424314	5407792	0.05433	360.23	373	0 ANNUAL	TMA	5	
MINE	424314	5407696	0.05276	367.81	370	0 ANNUAL	TMA	5	
MINE	424314	5407600	0.05109	372.59	372.59	0 ANNUAL	TMA	5	
MINE	424314	5407504	0.04953	372.1	372.1	0 ANNUAL	TMA	5	
MINE	424314	5407408	0.04806	370.07	370.07	0 ANNUAL	TMA	5	
MINE	424314	5407312	0.04663	367.47	367.47	0 ANNUAL	TMA	5	
MINE	424314	5407216	0.04524	365.95	365.95	0 ANNUAL	TMA	5	
MINE	424314	5407119	0.04391	364.62	364.62	0 ANNUAL	TMA	5	
MINE	424314	5407023	0.04265	364	364	0 ANNUAL	TMA	5	
MINE	424216	5408177	0.06167	354	354	0 ANNUAL	TMA	5	
MINE	424216	5408081	0.05967	355	355	0 ANNUAL	TMA	5	
MINE	424216	5407985	0.05779	356.95	356.95	0 ANNUAL	TMA	5	
MINE	424216	5407889	0.05596	358	358	0 ANNUAL	TMA	5	
MINE	424216	5407792	0.05418	359	359	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	424216	5407696	0.05256	362.68	362.68	0 ANNUAL	TMA	5	
MINE	424216	5407600	0.05099	367.29	367.29	0 ANNUAL	TMA	5	
MINE	424216	5407504	0.04942	367.82	367.82	0 ANNUAL	TMA	5	
MINE	424216	5407408	0.04789	365.91	365.91	0 ANNUAL	TMA	5	
MINE	424216	5407312	0.04641	363	363	0 ANNUAL	TMA	5	
MINE	424216	5407216	0.04504	363	363	0 ANNUAL	TMA	5	
MINE	424216	5407119	0.04375	364.27	364.27	0 ANNUAL	TMA	5	
MINE	424216	5407023	0.04251	365.35	365.35	0 ANNUAL	TMA	5	
MINE	424117	5408177	0.06165	354	354	0 ANNUAL	TMA	5	
MINE	424117	5408081	0.05965	355.87	355.87	0 ANNUAL	TMA	5	
MINE	424117	5407985	0.05772	357	357	0 ANNUAL	TMA	5	
MINE	424117	5407889	0.05586	358	358	0 ANNUAL	TMA	5	
MINE	424117	5407792	0.05408	359.32	359.32	0 ANNUAL	TMA	5	
MINE	424117	5407696	0.05239	360.57	360.57	0 ANNUAL	TMA	5	
MINE	424117	5407600	0.05075	361	361	0 ANNUAL	TMA	5	
MINE	424117	5407504	0.04918	361.37	361.37	0 ANNUAL	TMA	5	
MINE	424117	5407408	0.04768	362	362	0 ANNUAL	TMA	5	
MINE	424117	5407312	0.04628	363.53	368	0 ANNUAL	TMA	5	
MINE	424117	5407216	0.04496	367.37	367.37	0 ANNUAL	TMA	5	
MINE	424117	5407119	0.04365	368.29	368.29	0 ANNUAL	TMA	5	
MINE	424117	5407023	0.0424	368.2	368.2	0 ANNUAL	TMA	5	
MINE	424018	5408177	0.06169	355.51	355.51	0 ANNUAL	TMA	5	
MINE	424018	5408081	0.05962	356.55	356.55	0 ANNUAL	TMA	5	
MINE	424018	5407985	0.05766	357.54	357.54	0 ANNUAL	TMA	5	
MINE	424018	5407889	0.05577	358.21	358.21	0 ANNUAL	TMA	5	
MINE	424018	5407792	0.05396	359	359	0 ANNUAL	TMA	5	
MINE	424018	5407696	0.05225	360	360	0 ANNUAL	TMA	5	
MINE	424018	5407600	0.05066	362.67	362.67	0 ANNUAL	TMA	5	
MINE	424018	5407504	0.04913	365.89	365.89	0 ANNUAL	TMA	5	
MINE	424018	5407408	0.04765	368.97	368.97	0 ANNUAL	TMA	5	
MINE	424018	5407312	0.04619	370.91	370.91	0 ANNUAL	TMA	5	
MINE	424018	5407216	0.04481	371	371	0 ANNUAL	TMA	5	
MINE	424018	5407119	0.0435	371	371	0 ANNUAL	TMA	5	
MINE	424018	5407023	0.04226	370	370	0 ANNUAL	TMA	5	
MINE	423919	5408177	0.06176	358	358	0 ANNUAL	TMA	5	
MINE	423919	5408081	0.05962	358	358	0 ANNUAL	TMA	5	
MINE	423919	5407985	0.0576	358	358	0 ANNUAL	TMA	5	
MINE	423919	5407889	0.05567	358	358	0 ANNUAL	TMA	5	
MINE	423919	5407792	0.05386	359	359	0 ANNUAL	TMA	5	
MINE	423919	5407696	0.05217	360.88	360.88	0 ANNUAL	TMA	5	
MINE	423919	5407600	0.05059	364.73	364.73	0 ANNUAL	TMA	5	
MINE	423919	5407504	0.04906	368.87	368.87	0 ANNUAL	TMA	5	
MINE	423919	5407408	0.04751	371.04	371.04	0 ANNUAL	TMA	5	
MINE	423919	5407312	0.04605	372	372	0 ANNUAL	TMA	5	
MINE	423919	5407216	0.04468	372	372	0 ANNUAL	TMA	5	
MINE	423919	5407119	0.04336	372	372	0 ANNUAL	TMA	5	
MINE	423919	5407023	0.04213	371	371	0 ANNUAL	TMA	5	
MINE	423821	5408177	0.06181	360	360	0 ANNUAL	TMA	5	
MINE	423821	5408081	0.05961	359	359	0 ANNUAL	TMA	5	
MINE	423821	5407985	0.05753	358	358	0 ANNUAL	TMA	5	
MINE	423821	5407889	0.05558	357.67	357.67	0 ANNUAL	TMA	5	
MINE	423821	5407792	0.05379	359.5	359.5	0 ANNUAL	TMA	5	
MINE	423821	5407696	0.05211	361.94	361.94	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	423821	5407600	0.05051	365.79	365.79	0 ANNUAL	TMA	5	
MINE	423821	5407504	0.04896	369	369	0 ANNUAL	TMA	5	
MINE	423821	5407408	0.04741	371.1	371.1	0 ANNUAL	TMA	5	
MINE	423821	5407312	0.04596	372	372	0 ANNUAL	TMA	5	
MINE	423821	5407216	0.04459	371.72	371.72	0 ANNUAL	TMA	5	
MINE	423821	5407119	0.04328	371	371	0 ANNUAL	TMA	5	
MINE	423821	5407023	0.04202	371	371	0 ANNUAL	TMA	5	
MINE	423722	5408177	0.06174	359.06	359.06	0 ANNUAL	TMA	5	
MINE	423722	5408081	0.05953	358	358	0 ANNUAL	TMA	5	
MINE	423722	5407985	0.05741	356.35	356.35	0 ANNUAL	TMA	5	
MINE	423722	5407889	0.05549	357	357	0 ANNUAL	TMA	5	
MINE	423722	5407792	0.05369	358.55	358.55	0 ANNUAL	TMA	5	
MINE	423722	5407696	0.05198	360	360	0 ANNUAL	TMA	5	
MINE	423722	5407600	0.05041	363.84	363.84	0 ANNUAL	TMA	5	
MINE	423722	5407504	0.04888	368	368	0 ANNUAL	TMA	5	
MINE	423722	5407408	0.04735	370.1	370.1	0 ANNUAL	TMA	5	
MINE	423722	5407312	0.04589	370.74	370.74	0 ANNUAL	TMA	5	
MINE	423722	5407216	0.04453	370	370	0 ANNUAL	TMA	5	
MINE	423722	5407119	0.04321	369.91	369.91	0 ANNUAL	TMA	5	
MINE	423722	5407023	0.04196	370	370	0 ANNUAL	TMA	5	
MINE	423623	5408177	0.06162	357	357	0 ANNUAL	TMA	5	
MINE	423623	5408081	0.0594	356	356	0 ANNUAL	TMA	5	
MINE	423623	5407985	0.05735	356	356	0 ANNUAL	TMA	5	
MINE	423623	5407889	0.05543	356.87	356.87	0 ANNUAL	TMA	5	
MINE	423623	5407792	0.05362	358	358	0 ANNUAL	TMA	5	
MINE	423623	5407696	0.05193	360.04	360.04	0 ANNUAL	TMA	5	
MINE	423623	5407600	0.05034	363.9	363.9	0 ANNUAL	TMA	5	
MINE	423623	5407504	0.0488	367.05	367.05	0 ANNUAL	TMA	5	
MINE	423623	5407408	0.0473	369	369	0 ANNUAL	TMA	5	
MINE	423623	5407312	0.04585	369	369	0 ANNUAL	TMA	5	
MINE	423623	5407216	0.04446	368	368	0 ANNUAL	TMA	5	
MINE	423623	5407119	0.04313	367	367	0 ANNUAL	TMA	5	
MINE	423623	5407023	0.04187	366.54	366.54	0 ANNUAL	TMA	5	
MINE	423525	5408177	0.06149	355	355	0 ANNUAL	TMA	5	
MINE	423525	5408081	0.05931	355	355	0 ANNUAL	TMA	5	
MINE	423525	5407985	0.05725	355	355	0 ANNUAL	TMA	5	
MINE	423525	5407889	0.05535	356	356	0 ANNUAL	TMA	5	
MINE	423525	5407792	0.05355	357.67	357.67	0 ANNUAL	TMA	5	
MINE	423426	5408177	0.06133	353	353	0 ANNUAL	TMA	5	
MINE	423426	5408081	0.0592	354	354	0 ANNUAL	TMA	5	
MINE	423426	5407985	0.05715	354	354	0 ANNUAL	TMA	5	
MINE	423426	5407889	0.05527	355.56	355.56	0 ANNUAL	TMA	5	
MINE	423426	5407792	0.05353	358.78	372	0 ANNUAL	TMA	5	
MINE	423327	5408177	0.06121	352	352	0 ANNUAL	TMA	5	
MINE	423327	5408081	0.05906	352.5	352.5	0 ANNUAL	TMA	5	
MINE	423327	5407985	0.05704	353	353	0 ANNUAL	TMA	5	
MINE	423327	5407889	0.05518	355	378	0 ANNUAL	TMA	5	
MINE	423327	5407792	0.05352	360.58	380	0 ANNUAL	TMA	5	
MINE	423229	5408177	0.06126	354.3	354.3	0 ANNUAL	TMA	5	
MINE	423229	5408081	0.05911	355	355	0 ANNUAL	TMA	5	
MINE	423229	5407985	0.05708	355.59	355.59	0 ANNUAL	TMA	5	
MINE	423229	5407889	0.05521	357.72	381	0 ANNUAL	TMA	5	
MINE	423229	5407792	0.05359	367.49	380	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	423130	5408177	0.06124	356	356	0 ANNUAL	TMA	5	
MINE	423130	5408081	0.0591	357	357	0 ANNUAL	TMA	5	
MINE	423130	5407985	0.05708	357.83	357.83	0 ANNUAL	TMA	5	
MINE	423130	5407889	0.05522	360.74	380	0 ANNUAL	TMA	5	
MINE	424284	5408273	0.06371	352.46	352.46	0 ANNUAL	TMA	5	
MINE	424284	5408372	0.06587	351	351	0 ANNUAL	TMA	5	
MINE	424284	5408471	0.0681	349	349	0 ANNUAL	TMA	5	
MINE	424284	5408569	0.07046	347.79	347.79	0 ANNUAL	TMA	5	
MINE	424188	5408273	0.0637	352	352	0 ANNUAL	TMA	5	
MINE	424188	5408372	0.06588	350.26	350.26	0 ANNUAL	TMA	5	
MINE	424188	5408471	0.06819	349	349	0 ANNUAL	TMA	5	
MINE	424188	5408569	0.07054	347.04	347.04	0 ANNUAL	TMA	5	
MINE	424092	5408273	0.06376	353	353	0 ANNUAL	TMA	5	
MINE	424092	5408372	0.06597	351.02	351.02	0 ANNUAL	TMA	5	
MINE	424092	5408471	0.06835	350	350	0 ANNUAL	TMA	5	
MINE	424092	5408569	0.07072	347.79	347.79	0 ANNUAL	TMA	5	
MINE	423995	5408273	0.06384	354.72	354.72	0 ANNUAL	TMA	5	
MINE	423995	5408372	0.0661	352.59	352.59	0 ANNUAL	TMA	5	
MINE	423995	5408471	0.06845	350.49	350.49	0 ANNUAL	TMA	5	
MINE	423995	5408569	0.07084	347.85	347.85	0 ANNUAL	TMA	5	
MINE	423899	5408273	0.06399	357.85	357.85	0 ANNUAL	TMA	5	
MINE	423899	5408372	0.06626	355.06	355.06	0 ANNUAL	TMA	5	
MINE	423899	5408471	0.06856	351.16	351.16	0 ANNUAL	TMA	5	
MINE	423899	5408569	0.07102	348.73	348.73	0 ANNUAL	TMA	5	
MINE	423803	5408273	0.06407	360	360	0 ANNUAL	TMA	5	
MINE	423803	5408372	0.06641	357.44	357.44	0 ANNUAL	TMA	5	
MINE	423803	5408471	0.06869	352.21	352.21	0 ANNUAL	TMA	5	
MINE	423803	5408569	0.07121	349.96	349.96	0 ANNUAL	TMA	5	
MINE	423707	5408273	0.06402	358.98	358.98	0 ANNUAL	TMA	5	
MINE	423707	5408372	0.06636	356.34	356.34	0 ANNUAL	TMA	5	
MINE	423707	5408471	0.06873	352.27	352.27	0 ANNUAL	TMA	5	
MINE	423707	5408569	0.07129	350.01	350.01	0 ANNUAL	TMA	5	
MINE	423611	5408273	0.06386	355.94	355.94	0 ANNUAL	TMA	5	
MINE	423611	5408372	0.06621	353.6	353.6	0 ANNUAL	TMA	5	
MINE	423611	5408471	0.06868	351.33	351.33	0 ANNUAL	TMA	5	
MINE	423611	5408569	0.07134	350	350	0 ANNUAL	TMA	5	
MINE	423515	5408273	0.06368	353.29	353.29	0 ANNUAL	TMA	5	
MINE	423515	5408372	0.06608	352	352	0 ANNUAL	TMA	5	
MINE	423515	5408471	0.06866	351	351	0 ANNUAL	TMA	5	
MINE	423515	5408569	0.07136	350	350	0 ANNUAL	TMA	5	
MINE	423418	5408273	0.06356	352	352	0 ANNUAL	TMA	5	
MINE	423418	5408372	0.06598	351	351	0 ANNUAL	TMA	5	
MINE	423418	5408471	0.06858	350.37	350.37	0 ANNUAL	TMA	5	
MINE	423418	5408569	0.07134	350	350	0 ANNUAL	TMA	5	
MINE	423322	5408273	0.06343	351	351	0 ANNUAL	TMA	5	
MINE	423322	5408372	0.06592	351	351	0 ANNUAL	TMA	5	
MINE	423322	5408471	0.06857	351	351	0 ANNUAL	TMA	5	
MINE	423322	5408569	0.07131	350.13	350.13	0 ANNUAL	TMA	5	
MINE	423226	5408273	0.06353	354	354	0 ANNUAL	TMA	5	
MINE	423226	5408372	0.06597	353	353	0 ANNUAL	TMA	5	
MINE	423226	5408471	0.06857	352	352	0 ANNUAL	TMA	5	
MINE	423226	5408569	0.07132	351.25	351.25	0 ANNUAL	TMA	5	
MINE	423130	5408273	0.0635	355.12	355.12	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	423130	5408372	0.06598	354.82	354.82	0 ANNUAL	TMA	5	
MINE	423130	5408471	0.06858	353.62	353.62	0 ANNUAL	TMA	5	
MINE	423130	5408569	0.07136	353	353	0 ANNUAL	TMA	5	
MINE	423530	5415023	0.33165	394	394	0 ANNUAL	TMA	5	
MINE	423730	5415023	0.29948	395.63	395.63	0 ANNUAL	TMA	5	
MINE	423930	5415023	0.27144	396.34	396.34	0 ANNUAL	TMA	5	
MINE	424130	5414623	0.27354	400	400	0 ANNUAL	TMA	5	
MINE	424130	5414823	0.26294	397.55	397.55	0 ANNUAL	TMA	5	
MINE	424130	5415023	0.24205	398	398	0 ANNUAL	TMA	5	
MINE	424330	5414623	0.24609	399.72	399.72	0 ANNUAL	TMA	5	
MINE	424330	5414823	0.22858	400	400	0 ANNUAL	TMA	5	
MINE	424330	5415023	0.22287	397	397	0 ANNUAL	TMA	5	
MINE	424530	5414623	0.23776	393.92	393.92	0 ANNUAL	TMA	5	
MINE	424530	5414823	0.2215	394.09	394.09	0 ANNUAL	TMA	5	
MINE	424530	5415023	0.20954	393.27	393.27	0 ANNUAL	TMA	5	
MINE	424730	5414623	0.22346	388	388	0 ANNUAL	TMA	5	
MINE	424730	5414823	0.20984	387	387	0 ANNUAL	TMA	5	
MINE	424730	5415023	0.19813	386.18	386.18	0 ANNUAL	TMA	5	
MINE	424930	5414223	0.23575	386	386	0 ANNUAL	TMA	5	
MINE	424930	5414423	0.2151	388.43	388.43	0 ANNUAL	TMA	5	
MINE	424930	5414623	0.19778	390.27	390.27	0 ANNUAL	TMA	5	
MINE	424930	5414823	0.18893	387.3	387.3	0 ANNUAL	TMA	5	
MINE	424930	5415023	0.18251	381	381	0 ANNUAL	TMA	5	
MINE	425130	5414223	0.199	392.46	395	0 ANNUAL	TMA	5	
MINE	425130	5414423	0.19715	383	383	0 ANNUAL	TMA	5	
MINE	425130	5414623	0.18167	387	387	0 ANNUAL	TMA	5	
MINE	425130	5414823	0.17276	384.85	384.85	0 ANNUAL	TMA	5	
MINE	425130	5415023	0.16573	381	381	0 ANNUAL	TMA	5	
MINE	425330	5414223	0.18488	384.97	384.97	0 ANNUAL	TMA	5	
MINE	425330	5414423	0.17673	381	381	0 ANNUAL	TMA	5	
MINE	425330	5414623	0.16647	382.16	382.16	0 ANNUAL	TMA	5	
MINE	425330	5414823	0.15806	381	381	0 ANNUAL	TMA	5	
MINE	425330	5415023	0.15133	378	378	0 ANNUAL	TMA	5	
MINE	425530	5414223	0.16584	382	382	0 ANNUAL	TMA	5	
MINE	425530	5414423	0.15807	380	380	0 ANNUAL	TMA	5	
MINE	425530	5414623	0.15063	379	379	0 ANNUAL	TMA	5	
MINE	425530	5414823	0.14349	379	379	0 ANNUAL	TMA	5	
MINE	425530	5415023	0.13748	378	378	0 ANNUAL	TMA	5	
MINE	425730	5414223	0.1489	381	381	0 ANNUAL	TMA	5	
MINE	425730	5414423	0.14195	380	380	0 ANNUAL	TMA	5	
MINE	425730	5414623	0.13553	380	380	0 ANNUAL	TMA	5	
MINE	425730	5414823	0.12961	380	380	0 ANNUAL	TMA	5	
MINE	425730	5415023	0.12469	379	379	0 ANNUAL	TMA	5	
MINE	425930	5414223	0.13485	380	380	0 ANNUAL	TMA	5	
MINE	425930	5414423	0.12822	381	381	0 ANNUAL	TMA	5	
MINE	425930	5414623	0.12245	382	382	0 ANNUAL	TMA	5	
MINE	425930	5414823	0.11764	381	381	0 ANNUAL	TMA	5	
MINE	425930	5415023	0.11356	379	379	0 ANNUAL	TMA	5	
MINE	426130	5414223	0.1228	380.57	380.57	0 ANNUAL	TMA	5	
MINE	426130	5414423	0.1167	382	382	0 ANNUAL	TMA	5	
MINE	426130	5414623	0.11131	384	384	0 ANNUAL	TMA	5	
MINE	426130	5414823	0.10695	383.86	383.86	0 ANNUAL	TMA	5	
MINE	426130	5415023	0.1035	381.47	381.47	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	426330	5414223	0.11291	380	380	0 ANNUAL	TMA	5	
MINE	426330	5414423	0.10762	380	380	0 ANNUAL	TMA	5	
MINE	426330	5414623	0.10278	381.87	381.87	0 ANNUAL	TMA	5	
MINE	426330	5414823	0.09801	385.51	385.51	0 ANNUAL	TMA	5	
MINE	426330	5415023	0.09385	387.56	387.56	0 ANNUAL	TMA	5	
MINE	426530	5414223	0.10462	378	378	0 ANNUAL	TMA	5	
MINE	426530	5414423	0.09966	379	379	0 ANNUAL	TMA	5	
MINE	426530	5414623	0.09518	381	381	0 ANNUAL	TMA	5	
MINE	426530	5414823	0.09032	386.94	386.94	0 ANNUAL	TMA	5	
MINE	426530	5415023	0.08619	390	390	0 ANNUAL	TMA	5	
MINE	426730	5414223	0.09714	378	378	0 ANNUAL	TMA	5	
MINE	426730	5414423	0.09269	378.61	378.61	0 ANNUAL	TMA	5	
MINE	426730	5414623	0.08864	380	380	0 ANNUAL	TMA	5	
MINE	426730	5414823	0.08406	386.74	386.74	0 ANNUAL	TMA	5	
MINE	426730	5415023	0.08044	389.16	389.16	0 ANNUAL	TMA	5	
MINE	426930	5414223	0.09053	378.5	378.5	0 ANNUAL	TMA	5	
MINE	426930	5414423	0.08649	379	379	0 ANNUAL	TMA	5	
MINE	426930	5414623	0.08281	380	380	0 ANNUAL	TMA	5	
MINE	426930	5414823	0.07923	383	383	0 ANNUAL	TMA	5	
MINE	426930	5415023	0.07602	385	385	0 ANNUAL	TMA	5	
MINE	427130	5414223	0.08459	380	380	0 ANNUAL	TMA	5	
MINE	427130	5414423	0.08094	380	380	0 ANNUAL	TMA	5	
MINE	427130	5414623	0.07756	381	381	0 ANNUAL	TMA	5	
MINE	427130	5414823	0.07448	382	382	0 ANNUAL	TMA	5	
MINE	427130	5415023	0.07148	384	384	0 ANNUAL	TMA	5	
MINE	427330	5414223	0.07942	380	380	0 ANNUAL	TMA	5	
MINE	427330	5414423	0.07601	381	381	0 ANNUAL	TMA	5	
MINE	427330	5414623	0.07292	381.79	381.79	0 ANNUAL	TMA	5	
MINE	427330	5414823	0.07014	382.06	382.06	0 ANNUAL	TMA	5	
MINE	427330	5415023	0.06745	383	383	0 ANNUAL	TMA	5	
MINE	427530	5414223	0.0745	383	383	0 ANNUAL	TMA	5	
MINE	427530	5414423	0.07145	383	383	0 ANNUAL	TMA	5	
MINE	427530	5414623	0.06871	383	383	0 ANNUAL	TMA	5	
MINE	427530	5414823	0.06626	382	382	0 ANNUAL	TMA	5	
MINE	427530	5415023	0.06391	381.28	381.28	0 ANNUAL	TMA	5	
MINE	427730	5414223	0.06962	388.65	388.65	0 ANNUAL	TMA	5	
MINE	427730	5414423	0.06715	386.28	386.28	0 ANNUAL	TMA	5	
MINE	427730	5414623	0.06469	386	386	0 ANNUAL	TMA	5	
MINE	427730	5414823	0.06249	385	385	0 ANNUAL	TMA	5	
MINE	427730	5415023	0.0604	383.26	383.26	0 ANNUAL	TMA	5	
MINE	427930	5414223	0.06488	394.48	400	0 ANNUAL	TMA	5	
MINE	427930	5414423	0.06387	384	384	0 ANNUAL	TMA	5	
MINE	427930	5414623	0.06183	380	380	0 ANNUAL	TMA	5	
MINE	427930	5414823	0.05969	380	380	0 ANNUAL	TMA	5	
MINE	427930	5415023	0.05757	381	381	0 ANNUAL	TMA	5	
MINE	428130	5414223	0.06052	399.38	399.38	0 ANNUAL	TMA	5	
MINE	428130	5414423	0.06015	388.75	388.75	0 ANNUAL	TMA	5	
MINE	428130	5414623	0.05866	381.08	381.08	0 ANNUAL	TMA	5	
MINE	428130	5414823	0.05679	379	379	0 ANNUAL	TMA	5	
MINE	428130	5415023	0.05487	379.67	379.67	0 ANNUAL	TMA	5	
MINE	428330	5414223	0.05918	392.58	411	0 ANNUAL	TMA	5	
MINE	428330	5414423	0.05684	392	392	0 ANNUAL	TMA	5	
MINE	428330	5414623	0.05578	382	382	0 ANNUAL	TMA	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	428330	5414823	0.05388	382.78	382.78	0 ANNUAL	TMA	5	
MINE	428330	5415023	0.05229	380	380	0 ANNUAL	TMA	5	
MINE	428530	5414223	0.05425	403.11	403.11	0 ANNUAL	TMA	5	
MINE	428530	5414423	0.05448	390.52	390.52	0 ANNUAL	TMA	5	
MINE	428530	5414623	0.05254	389.99	389.99	0 ANNUAL	TMA	5	
MINE	428530	5414823	0.05069	391	391	0 ANNUAL	TMA	5	
MINE	428530	5415023	0.04912	391	391	0 ANNUAL	TMA	5	
MINE	428730	5414223	0.05243	401.33	401.33	0 ANNUAL	TMA	5	
MINE	428730	5414423	0.05113	397.11	410	0 ANNUAL	TMA	5	
MINE	428730	5414623	0.04888	399.21	399.21	0 ANNUAL	TMA	5	
MINE	428730	5414823	0.04769	396.87	396.87	0 ANNUAL	TMA	5	
MINE	428730	5415023	0.04582	399.35	399.35	0 ANNUAL	TMA	5	
MINE	428930	5412623	0.05987	396	396	0 ANNUAL	TMA	5	
MINE	428930	5412823	0.05988	395.38	395.38	0 ANNUAL	TMA	5	
MINE	428930	5413023	0.05974	392	392	0 ANNUAL	TMA	5	
MINE	428930	5413223	0.05913	390.08	390.08	0 ANNUAL	TMA	5	
MINE	429130	5412623	0.05646	399	399	0 ANNUAL	TMA	5	
MINE	429130	5412823	0.0569	396.27	396.27	0 ANNUAL	TMA	5	
MINE	429130	5413023	0.05691	391.83	391.83	0 ANNUAL	TMA	5	
MINE	429130	5413223	0.05629	390	390	0 ANNUAL	TMA	5	
MINE	429330	5412623	0.05368	400	400	0 ANNUAL	TMA	5	
MINE	429330	5412823	0.05383	399.16	399.16	0 ANNUAL	TMA	5	
MINE	429330	5413023	0.05386	395.32	395.32	0 ANNUAL	TMA	5	
MINE	429330	5413223	0.05368	389.89	389.89	0 ANNUAL	TMA	5	
MINE	429530	5412623	0.05161	398	398	0 ANNUAL	TMA	5	
MINE	429530	5412823	0.05164	398	398	0 ANNUAL	TMA	5	
MINE	429530	5413023	0.05078	400	400	0 ANNUAL	TMA	5	
MINE	429530	5413223	0.0508	394.35	400	0 ANNUAL	TMA	5	
MINE	429730	5412623	0.04978	394.58	394.58	0 ANNUAL	TMA	5	
MINE	429730	5412823	0.0501	392	392	0 ANNUAL	TMA	5	
MINE	429730	5413023	0.04979	390	390	0 ANNUAL	TMA	5	
MINE	429730	5413223	0.04911	389	389	0 ANNUAL	TMA	5	
MINE	429730	5413423	0.04821	391	391	0 ANNUAL	TMA	5	
MINE	429730	5413623	0.04801	382	382	0 ANNUAL	TMA	5	
MINE	429730	5413823	0.04702	385.87	385.87	0 ANNUAL	TMA	5	
MINE	429730	5414023	0.04593	384.83	384.83	0 ANNUAL	TMA	5	
MINE	429930	5412623	0.0479	392	392	0 ANNUAL	TMA	5	
MINE	429930	5412823	0.04806	391	391	0 ANNUAL	TMA	5	
MINE	429930	5413023	0.04781	388.2	388.2	0 ANNUAL	TMA	5	
MINE	429930	5413223	0.04716	387.12	387.12	0 ANNUAL	TMA	5	
MINE	429930	5413423	0.04625	390	390	0 ANNUAL	TMA	5	
MINE	429930	5413623	0.04597	381.89	391	0 ANNUAL	TMA	5	
MINE	429930	5413823	0.04517	381.85	381.85	0 ANNUAL	TMA	5	
MINE	429930	5414023	0.044	387	387	0 ANNUAL	TMA	5	
MINE	430130	5412623	0.04604	390	390	0 ANNUAL	TMA	5	
MINE	430130	5412823	0.04625	388	388	0 ANNUAL	TMA	5	
MINE	430130	5413023	0.04596	386	386	0 ANNUAL	TMA	5	
MINE	430130	5413223	0.04538	384.11	384.11	0 ANNUAL	TMA	5	
MINE	430130	5413423	0.04474	382.36	385	0 ANNUAL	TMA	5	
MINE	430130	5413623	0.04411	380	380	0 ANNUAL	TMA	5	
MINE	430130	5413823	0.04333	381.62	381.62	0 ANNUAL	TMA	5	
MINE	430130	5414023	0.0424	383	383	0 ANNUAL	TMA	5	
MINE	430330	5412623	0.04422	389	389	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	430330	5412823	0.04447	386	386	0 ANNUAL	TMA	5	
MINE	430330	5413023	0.04423	383	383	0 ANNUAL	TMA	5	
MINE	430330	5413223	0.0437	380	380	0 ANNUAL	TMA	5	
MINE	430330	5413423	0.04301	380	380	0 ANNUAL	TMA	5	
MINE	430330	5413623	0.04237	378	378	0 ANNUAL	TMA	5	
MINE	430330	5413823	0.04146	386.26	390	0 ANNUAL	TMA	5	
MINE	430330	5414023	0.0405	390.05	390.05	0 ANNUAL	TMA	5	
MINE	430530	5413423	0.04136	379	379	0 ANNUAL	TMA	5	
MINE	430530	5413623	0.04071	378	378	0 ANNUAL	TMA	5	
MINE	430530	5413823	0.04002	378.34	378.34	0 ANNUAL	TMA	5	
MINE	430530	5414023	0.03904	388.07	388.07	0 ANNUAL	TMA	5	
MINE	430730	5413423	0.03981	378.5	378.5	0 ANNUAL	TMA	5	
MINE	430730	5413623	0.03916	378	378	0 ANNUAL	TMA	5	
MINE	430730	5413823	0.03848	379	379	0 ANNUAL	TMA	5	
MINE	430730	5414023	0.03777	380	380	0 ANNUAL	TMA	5	
MINE	430930	5413423	0.03836	378	378	0 ANNUAL	TMA	5	
MINE	430930	5413623	0.03771	378	378	0 ANNUAL	TMA	5	
MINE	430930	5413823	0.03705	379.29	379.29	0 ANNUAL	TMA	5	
MINE	430930	5414023	0.03639	379	379	0 ANNUAL	TMA	5	
MINE	431130	5413423	0.037	377	377	0 ANNUAL	TMA	5	
MINE	431130	5413623	0.03635	378	378	0 ANNUAL	TMA	5	
MINE	431130	5413823	0.03573	377.01	377.01	0 ANNUAL	TMA	5	
MINE	431130	5414023	0.03509	378	378	0 ANNUAL	TMA	5	
MINE	428330	5407423	0.03682	364	364	0 ANNUAL	TMA	5	
MINE	428330	5407223	0.03566	359.51	359.51	0 ANNUAL	TMA	5	
MINE	428330	5407023	0.03451	354.12	354.12	0 ANNUAL	TMA	5	
MINE	428330	5406823	0.03351	358	358	0 ANNUAL	TMA	5	
MINE	428330	5406623	0.03251	362	362	0 ANNUAL	TMA	5	
MINE	428330	5406423	0.03152	364.03	364.03	0 ANNUAL	TMA	5	
MINE	428330	5406223	0.03056	365.42	365.42	0 ANNUAL	TMA	5	
MINE	428330	5406023	0.02962	363.67	363.67	0 ANNUAL	TMA	5	
MINE	428330	5405823	0.02872	362	362	0 ANNUAL	TMA	5	
MINE	428330	5405623	0.02786	360.27	360.27	0 ANNUAL	TMA	5	
MINE	428330	5405423	0.02706	362	362	0 ANNUAL	TMA	5	
MINE	428330	5405223	0.0263	364.84	364.84	0 ANNUAL	TMA	5	
MINE	428330	5405023	0.02556	367.47	367.47	0 ANNUAL	TMA	5	
MINE	428330	5404823	0.02483	370	370	0 ANNUAL	TMA	5	
MINE	428330	5404623	0.02412	370	370	0 ANNUAL	TMA	5	
MINE	428330	5404423	0.02341	370	370	0 ANNUAL	TMA	5	
MINE	428330	5404223	0.02272	370	370	0 ANNUAL	TMA	5	
MINE	428330	5404023	0.02204	370	370	0 ANNUAL	TMA	5	
MINE	428530	5407423	0.03575	363.26	363.26	0 ANNUAL	TMA	5	
MINE	428530	5407223	0.03462	355.62	355.62	0 ANNUAL	TMA	5	
MINE	428530	5407023	0.03367	360.01	360.01	0 ANNUAL	TMA	5	
MINE	428530	5406823	0.03271	361	361	0 ANNUAL	TMA	5	
MINE	428530	5406623	0.03176	362	362	0 ANNUAL	TMA	5	
MINE	428530	5406423	0.03084	364	364	0 ANNUAL	TMA	5	
MINE	428530	5406223	0.02992	363	363	0 ANNUAL	TMA	5	
MINE	428530	5406023	0.02903	361.72	361.72	0 ANNUAL	TMA	5	
MINE	428530	5405823	0.02817	360	360	0 ANNUAL	TMA	5	
MINE	428530	5405623	0.02736	361	361	0 ANNUAL	TMA	5	
MINE	428530	5405423	0.0266	363	363	0 ANNUAL	TMA	5	
MINE	428530	5405223	0.02587	365	365	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	428530	5405023	0.02517	367.36	367.36	0 ANNUAL	TMA	5	
MINE	428530	5404823	0.02448	369	369	0 ANNUAL	TMA	5	
MINE	428530	5404623	0.02381	370	370	0 ANNUAL	TMA	5	
MINE	428530	5404423	0.02315	370	370	0 ANNUAL	TMA	5	
MINE	428530	5404223	0.0225	370	370	0 ANNUAL	TMA	5	
MINE	428530	5404023	0.02186	370	370	0 ANNUAL	TMA	5	
MINE	428730	5407423	0.03473	363.37	363.37	0 ANNUAL	TMA	5	
MINE	428730	5407223	0.03361	353	353	0 ANNUAL	TMA	5	
MINE	428730	5407023	0.03271	355.9	355.9	0 ANNUAL	TMA	5	
MINE	428730	5406823	0.03186	361	361	0 ANNUAL	TMA	5	
MINE	428730	5406623	0.03099	362	362	0 ANNUAL	TMA	5	
MINE	428730	5406423	0.03013	362	362	0 ANNUAL	TMA	5	
MINE	428730	5406223	0.02928	362	362	0 ANNUAL	TMA	5	
MINE	428730	5406023	0.02844	360	360	0 ANNUAL	TMA	5	
MINE	428730	5405823	0.02763	360	360	0 ANNUAL	TMA	5	
MINE	428730	5405623	0.02686	361.18	361.18	0 ANNUAL	TMA	5	
MINE	428730	5405423	0.02613	363	363	0 ANNUAL	TMA	5	
MINE	428730	5405223	0.02543	365	365	0 ANNUAL	TMA	5	
MINE	428730	5405023	0.02476	367	367	0 ANNUAL	TMA	5	
MINE	428730	5404823	0.0241	368	368	0 ANNUAL	TMA	5	
MINE	428730	5404623	0.02347	369	369	0 ANNUAL	TMA	5	
MINE	428730	5404423	0.02285	370	370	0 ANNUAL	TMA	5	
MINE	428730	5404223	0.02224	370	370	0 ANNUAL	TMA	5	
MINE	428730	5404023	0.02164	370	370	0 ANNUAL	TMA	5	
MINE	428930	5407423	0.03373	361.48	361.48	0 ANNUAL	TMA	5	
MINE	428930	5407223	0.03268	354	354	0 ANNUAL	TMA	5	
MINE	428930	5407023	0.03181	356	356	0 ANNUAL	TMA	5	
MINE	428930	5406823	0.03101	360	360	0 ANNUAL	TMA	5	
MINE	428930	5406623	0.03019	360	360	0 ANNUAL	TMA	5	
MINE	428930	5406423	0.02939	360	360	0 ANNUAL	TMA	5	
MINE	428930	5406223	0.02861	359.97	359.97	0 ANNUAL	TMA	5	
MINE	428930	5406023	0.02784	359.25	359.25	0 ANNUAL	TMA	5	
MINE	428930	5405823	0.02709	360	360	0 ANNUAL	TMA	5	
MINE	428930	5405623	0.02636	361.1	361.1	0 ANNUAL	TMA	5	
MINE	428930	5405423	0.02566	363	363	0 ANNUAL	TMA	5	
MINE	428930	5405223	0.02498	364	364	0 ANNUAL	TMA	5	
MINE	428930	5405023	0.02433	365.92	365.92	0 ANNUAL	TMA	5	
MINE	428930	5404823	0.02371	366.94	366.94	0 ANNUAL	TMA	5	
MINE	428930	5404623	0.02311	368	368	0 ANNUAL	TMA	5	
MINE	428930	5404423	0.02252	368.43	368.43	0 ANNUAL	TMA	5	
MINE	428930	5404223	0.02195	369	369	0 ANNUAL	TMA	5	
MINE	428930	5404023	0.02138	369	369	0 ANNUAL	TMA	5	
MINE	429130	5408823	0.04148	389	389	0 ANNUAL	TMA	5	
MINE	429130	5408623	0.04001	389	389	0 ANNUAL	TMA	5	
MINE	429130	5407423	0.0328	359.59	359.59	0 ANNUAL	TMA	5	
MINE	429130	5407223	0.03181	355	355	0 ANNUAL	TMA	5	
MINE	429130	5407023	0.03095	356.68	356.68	0 ANNUAL	TMA	5	
MINE	429130	5406823	0.03015	358	358	0 ANNUAL	TMA	5	
MINE	429130	5406623	0.02938	358	358	0 ANNUAL	TMA	5	
MINE	429130	5406423	0.02865	359	359	0 ANNUAL	TMA	5	
MINE	429130	5406223	0.02794	360	360	0 ANNUAL	TMA	5	
MINE	429130	5406023	0.02723	360	360	0 ANNUAL	TMA	5	
MINE	429130	5405823	0.02653	361	361	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	429130	5405623	0.02584	361	361	0 ANNUAL	TMA	5	
MINE	429130	5405423	0.02518	363	363	0 ANNUAL	TMA	5	
MINE	429130	5405223	0.02453	364	364	0 ANNUAL	TMA	5	
MINE	429130	5405023	0.02391	365	365	0 ANNUAL	TMA	5	
MINE	429130	5404823	0.02331	366	366	0 ANNUAL	TMA	5	
MINE	429130	5404623	0.02273	367	367	0 ANNUAL	TMA	5	
MINE	429130	5404423	0.02217	368	368	0 ANNUAL	TMA	5	
MINE	429130	5404223	0.02163	370	370	0 ANNUAL	TMA	5	
MINE	429130	5404023	0.0211	370	370	0 ANNUAL	TMA	5	
MINE	429330	5408823	0.04054	384.78	384.78	0 ANNUAL	TMA	5	
MINE	429330	5408623	0.03916	385.38	385.38	0 ANNUAL	TMA	5	
MINE	429330	5407423	0.03194	357.52	357.52	0 ANNUAL	TMA	5	
MINE	429330	5407223	0.03097	355	355	0 ANNUAL	TMA	5	
MINE	429330	5407023	0.03012	356	356	0 ANNUAL	TMA	5	
MINE	429330	5406823	0.02934	357	357	0 ANNUAL	TMA	5	
MINE	429330	5406623	0.02861	358	358	0 ANNUAL	TMA	5	
MINE	429330	5406423	0.02792	359.08	359.08	0 ANNUAL	TMA	5	
MINE	429330	5406223	0.02725	359.33	359.33	0 ANNUAL	TMA	5	
MINE	429330	5406023	0.02659	360	360	0 ANNUAL	TMA	5	
MINE	429330	5405823	0.02595	361	361	0 ANNUAL	TMA	5	
MINE	429330	5405623	0.02532	362	362	0 ANNUAL	TMA	5	
MINE	429330	5405423	0.02469	362	362	0 ANNUAL	TMA	5	
MINE	429330	5405223	0.02408	364.29	364.29	0 ANNUAL	TMA	5	
MINE	429330	5405023	0.0235	366.92	366.92	0 ANNUAL	TMA	5	
MINE	429330	5404823	0.02292	368	368	0 ANNUAL	TMA	5	
MINE	429330	5404623	0.02236	368	368	0 ANNUAL	TMA	5	
MINE	429330	5404423	0.02182	369	369	0 ANNUAL	TMA	5	
MINE	429330	5404223	0.0213	370	370	0 ANNUAL	TMA	5	
MINE	429330	5404023	0.02079	370	370	0 ANNUAL	TMA	5	
MINE	429530	5408423	0.03703	379.99	379.99	0 ANNUAL	TMA	5	
MINE	429530	5408223	0.03579	377	377	0 ANNUAL	TMA	5	
MINE	429530	5408023	0.03458	372.71	372.71	0 ANNUAL	TMA	5	
MINE	429530	5407823	0.0334	365.16	365.16	0 ANNUAL	TMA	5	
MINE	429530	5407623	0.03223	359	359	0 ANNUAL	TMA	5	
MINE	429530	5407423	0.03117	356.81	356.81	0 ANNUAL	TMA	5	
MINE	429530	5407223	0.03022	355.91	355.91	0 ANNUAL	TMA	5	
MINE	429530	5407023	0.02937	357	357	0 ANNUAL	TMA	5	
MINE	429530	5406823	0.02858	357	357	0 ANNUAL	TMA	5	
MINE	429530	5406623	0.02788	359	359	0 ANNUAL	TMA	5	
MINE	429530	5406423	0.02726	368.52	368.52	0 ANNUAL	TMA	5	
MINE	429530	5406223	0.02657	360	360	0 ANNUAL	TMA	5	
MINE	429530	5406023	0.02595	360	360	0 ANNUAL	TMA	5	
MINE	429530	5405823	0.02536	361	361	0 ANNUAL	TMA	5	
MINE	429530	5405623	0.02477	362	362	0 ANNUAL	TMA	5	
MINE	429530	5405423	0.02419	363	363	0 ANNUAL	TMA	5	
MINE	429530	5405223	0.02362	365	365	0 ANNUAL	TMA	5	
MINE	429530	5405023	0.02307	367.24	367.24	0 ANNUAL	TMA	5	
MINE	429530	5404823	0.02252	369.21	369.21	0 ANNUAL	TMA	5	
MINE	429530	5404623	0.02198	370	370	0 ANNUAL	TMA	5	
MINE	429530	5404423	0.02146	370	370	0 ANNUAL	TMA	5	
MINE	429530	5404223	0.02096	370	370	0 ANNUAL	TMA	5	
MINE	429530	5404023	0.02048	369	369	0 ANNUAL	TMA	5	
MINE	429730	5408423	0.03617	378	378	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	429730	5408223	0.03499	374	374	0 ANNUAL	TMA	5	
MINE	429730	5408023	0.03386	369.84	369.84	0 ANNUAL	TMA	5	
MINE	429730	5407823	0.03266	361.19	361.19	0 ANNUAL	TMA	5	
MINE	429730	5407623	0.03153	358	358	0 ANNUAL	TMA	5	
MINE	429730	5407423	0.03048	356.37	356.37	0 ANNUAL	TMA	5	
MINE	429730	5407223	0.02952	356	356	0 ANNUAL	TMA	5	
MINE	429730	5407023	0.02866	357	357	0 ANNUAL	TMA	5	
MINE	429730	5406823	0.02788	358	358	0 ANNUAL	TMA	5	
MINE	429730	5406623	0.02717	359	359	0 ANNUAL	TMA	5	
MINE	429730	5406423	0.02656	367.04	367.04	0 ANNUAL	TMA	5	
MINE	429730	5406223	0.02594	366.11	366.11	0 ANNUAL	TMA	5	
MINE	429730	5406023	0.02534	364	364	0 ANNUAL	TMA	5	
MINE	429730	5405823	0.02477	364	364	0 ANNUAL	TMA	5	
MINE	429730	5405623	0.02422	364	364	0 ANNUAL	TMA	5	
MINE	429730	5405423	0.02368	365	365	0 ANNUAL	TMA	5	
MINE	429730	5405223	0.02315	367	367	0 ANNUAL	TMA	5	
MINE	429730	5405023	0.02263	368	368	0 ANNUAL	TMA	5	
MINE	429730	5404823	0.02211	370	370	0 ANNUAL	TMA	5	
MINE	429730	5404623	0.0216	370	370	0 ANNUAL	TMA	5	
MINE	429730	5404423	0.02111	369.39	369.39	0 ANNUAL	TMA	5	
MINE	429730	5404223	0.02063	369	369	0 ANNUAL	TMA	5	
MINE	429730	5404023	0.02017	369	369	0 ANNUAL	TMA	5	
MINE	429930	5408423	0.03529	373.35	373.35	0 ANNUAL	TMA	5	
MINE	429930	5408223	0.03423	369.56	369.56	0 ANNUAL	TMA	5	
MINE	429930	5408023	0.0331	363.02	363.02	0 ANNUAL	TMA	5	
MINE	429930	5407823	0.03197	359.29	359.29	0 ANNUAL	TMA	5	
MINE	429930	5407623	0.03089	358	358	0 ANNUAL	TMA	5	
MINE	429930	5407423	0.02987	358.49	358.49	0 ANNUAL	TMA	5	
MINE	429930	5407223	0.02889	356.39	356.39	0 ANNUAL	TMA	5	
MINE	429930	5407023	0.02803	358	358	0 ANNUAL	TMA	5	
MINE	429930	5406823	0.02724	359	359	0 ANNUAL	TMA	5	
MINE	429930	5406623	0.02653	360.58	360.58	0 ANNUAL	TMA	5	
MINE	429930	5406423	0.02589	363.04	363.04	0 ANNUAL	TMA	5	
MINE	429930	5406223	0.02529	365.79	365.79	0 ANNUAL	TMA	5	
MINE	429930	5406023	0.02473	367.78	367.78	0 ANNUAL	TMA	5	
MINE	429930	5405823	0.02419	368	368	0 ANNUAL	TMA	5	
MINE	429930	5405623	0.02367	366.29	366.29	0 ANNUAL	TMA	5	
MINE	429930	5405423	0.02316	366	366	0 ANNUAL	TMA	5	
MINE	429930	5405223	0.02267	368	368	0 ANNUAL	TMA	5	
MINE	429930	5405023	0.02218	369	369	0 ANNUAL	TMA	5	
MINE	429930	5404823	0.02169	370	370	0 ANNUAL	TMA	5	
MINE	429930	5404623	0.02121	370	370	0 ANNUAL	TMA	5	
MINE	429930	5404423	0.02075	368.53	368.53	0 ANNUAL	TMA	5	
MINE	429930	5404223	0.02029	368	368	0 ANNUAL	TMA	5	
MINE	429930	5404023	0.01985	369	369	0 ANNUAL	TMA	5	
MINE	430130	5408423	0.03444	371.22	371.22	0 ANNUAL	TMA	5	
MINE	430130	5408223	0.03344	366.78	366.78	0 ANNUAL	TMA	5	
MINE	430130	5408023	0.03237	361	361	0 ANNUAL	TMA	5	
MINE	430130	5407823	0.03132	359	359	0 ANNUAL	TMA	5	
MINE	430130	5407623	0.03031	360.53	360.53	0 ANNUAL	TMA	5	
MINE	430130	5407423	0.02931	360	360	0 ANNUAL	TMA	5	
MINE	430130	5407223	0.02833	357	357	0 ANNUAL	TMA	5	
MINE	430130	5407023	0.02745	358	358	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	430130	5406823	0.02665	359	359	0 ANNUAL	TMA	5	
MINE	430130	5406623	0.02594	363.41	363.41	0 ANNUAL	TMA	5	
MINE	430130	5406423	0.0253	369.41	369.41	0 ANNUAL	TMA	5	
MINE	430130	5406223	0.02469	368.17	368.17	0 ANNUAL	TMA	5	
MINE	430130	5406023	0.02414	369.69	369.69	0 ANNUAL	TMA	5	
MINE	430130	5405823	0.02361	370.01	370.01	0 ANNUAL	TMA	5	
MINE	430130	5405623	0.02311	368	368	0 ANNUAL	TMA	5	
MINE	430130	5405423	0.02263	367	367	0 ANNUAL	TMA	5	
MINE	430130	5405223	0.02217	368	368	0 ANNUAL	TMA	5	
MINE	430130	5405023	0.02171	369	369	0 ANNUAL	TMA	5	
MINE	430130	5404823	0.02126	369	369	0 ANNUAL	TMA	5	
MINE	430130	5404623	0.02081	368.37	368.37	0 ANNUAL	TMA	5	
MINE	430130	5404423	0.02037	367	367	0 ANNUAL	TMA	5	
MINE	430130	5404223	0.01994	367.03	367.03	0 ANNUAL	TMA	5	
MINE	430130	5404023	0.01952	369	369	0 ANNUAL	TMA	5	
MINE	430330	5407423	0.02877	360.24	360.24	0 ANNUAL	TMA	5	
MINE	430330	5407223	0.02781	357	357	0 ANNUAL	TMA	5	
MINE	430330	5407023	0.02695	359.95	359.95	0 ANNUAL	TMA	5	
MINE	430330	5406823	0.02614	362.08	362.08	0 ANNUAL	TMA	5	
MINE	430330	5406623	0.02542	368.6	381	0 ANNUAL	TMA	5	
MINE	430330	5406423	0.02452	380	380	0 ANNUAL	TMA	5	
MINE	430330	5406223	0.02404	374.6	374.6	0 ANNUAL	TMA	5	
MINE	430330	5406023	0.02348	374.95	374.95	0 ANNUAL	TMA	5	
MINE	430330	5405823	0.02304	371.15	371.15	0 ANNUAL	TMA	5	
MINE	430330	5405623	0.02257	369.53	369.53	0 ANNUAL	TMA	5	
MINE	430330	5405423	0.02211	368	368	0 ANNUAL	TMA	5	
MINE	430330	5405223	0.02167	368	368	0 ANNUAL	TMA	5	
MINE	430330	5405023	0.02124	367.42	367.42	0 ANNUAL	TMA	5	
MINE	430330	5404823	0.02081	367	367	0 ANNUAL	TMA	5	
MINE	430330	5404623	0.02039	366.1	366.1	0 ANNUAL	TMA	5	
MINE	430330	5404423	0.01998	366	366	0 ANNUAL	TMA	5	
MINE	430330	5404223	0.01958	367	367	0 ANNUAL	TMA	5	
MINE	430330	5404023	0.01919	369	369	0 ANNUAL	TMA	5	
MINE	430530	5410023	0.03765	381	381	0 ANNUAL	TMA	5	
MINE	430530	5409823	0.03728	381	381	0 ANNUAL	TMA	5	
MINE	430530	5409623	0.03687	380	380	0 ANNUAL	TMA	5	
MINE	430530	5409423	0.03639	380	380	0 ANNUAL	TMA	5	
MINE	430530	5409223	0.03581	381	381	0 ANNUAL	TMA	5	
MINE	430530	5409023	0.03515	381	381	0 ANNUAL	TMA	5	
MINE	430530	5408823	0.0344	379.88	379.88	0 ANNUAL	TMA	5	
MINE	430530	5408623	0.03359	377.39	377.39	0 ANNUAL	TMA	5	
MINE	430530	5407423	0.02825	360.46	360.46	0 ANNUAL	TMA	5	
MINE	430530	5407223	0.02735	360.86	360.86	0 ANNUAL	TMA	5	
MINE	430530	5407023	0.02647	360	360	0 ANNUAL	TMA	5	
MINE	430530	5406823	0.02569	367.66	367.66	0 ANNUAL	TMA	5	
MINE	430530	5406623	0.0249	374	374	0 ANNUAL	TMA	5	
MINE	430530	5406423	0.02404	379	379	0 ANNUAL	TMA	5	
MINE	430530	5406223	0.02342	378.54	378.54	0 ANNUAL	TMA	5	
MINE	430530	5406023	0.02301	374	374	0 ANNUAL	TMA	5	
MINE	430530	5405823	0.02251	371	371	0 ANNUAL	TMA	5	
MINE	430530	5405623	0.02205	369	369	0 ANNUAL	TMA	5	
MINE	430530	5405423	0.0216	368	368	0 ANNUAL	TMA	5	
MINE	430530	5405223	0.02117	367	367	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	430530	5405023	0.02076	367	367	0 ANNUAL	TMA	5	
MINE	430530	5404823	0.02036	366	366	0 ANNUAL	TMA	5	
MINE	430530	5404623	0.01997	365	365	0 ANNUAL	TMA	5	
MINE	430530	5404423	0.01959	365	365	0 ANNUAL	TMA	5	
MINE	430530	5404223	0.01921	365	365	0 ANNUAL	TMA	5	
MINE	430530	5404023	0.01884	365.54	365.54	0 ANNUAL	TMA	5	
MINE	430730	5410023	0.03626	381	381	0 ANNUAL	TMA	5	
MINE	430730	5409823	0.03594	380	380	0 ANNUAL	TMA	5	
MINE	430730	5409623	0.03558	380	380	0 ANNUAL	TMA	5	
MINE	430730	5409423	0.03516	380.15	380.15	0 ANNUAL	TMA	5	
MINE	430730	5409223	0.03467	377.17	377.17	0 ANNUAL	TMA	5	
MINE	430730	5409023	0.03409	376.24	376.24	0 ANNUAL	TMA	5	
MINE	430730	5408823	0.03342	374.94	374.94	0 ANNUAL	TMA	5	
MINE	430730	5408623	0.03268	368.41	368.41	0 ANNUAL	TMA	5	
MINE	430730	5407423	0.02775	362	362	0 ANNUAL	TMA	5	
MINE	430730	5407223	0.0269	364.94	364.94	0 ANNUAL	TMA	5	
MINE	430730	5407023	0.02606	365.1	365.1	0 ANNUAL	TMA	5	
MINE	430730	5406823	0.02525	367.59	367.59	0 ANNUAL	TMA	5	
MINE	430730	5406623	0.02446	372.09	372.09	0 ANNUAL	TMA	5	
MINE	430730	5406423	0.02365	376.42	376.42	0 ANNUAL	TMA	5	
MINE	430730	5406223	0.02305	374.16	374.16	0 ANNUAL	TMA	5	
MINE	430730	5406023	0.02254	370.1	370.1	0 ANNUAL	TMA	5	
MINE	430730	5405823	0.02203	369	369	0 ANNUAL	TMA	5	
MINE	430730	5405623	0.02155	369.06	369.06	0 ANNUAL	TMA	5	
MINE	430730	5405423	0.02111	370	370	0 ANNUAL	TMA	5	
MINE	430730	5405223	0.0207	369	369	0 ANNUAL	TMA	5	
MINE	430730	5405023	0.0203	367	367	0 ANNUAL	TMA	5	
MINE	430730	5404823	0.01992	366	366	0 ANNUAL	TMA	5	
MINE	430730	5404623	0.01955	364.57	364.57	0 ANNUAL	TMA	5	
MINE	430730	5404423	0.01918	364	364	0 ANNUAL	TMA	5	
MINE	430730	5404223	0.01883	363	363	0 ANNUAL	TMA	5	
MINE	430730	5404023	0.01848	363	363	0 ANNUAL	TMA	5	
MINE	430930	5410023	0.03494	381	381	0 ANNUAL	TMA	5	
MINE	430930	5409823	0.03466	380	380	0 ANNUAL	TMA	5	
MINE	430930	5409623	0.03436	378	378	0 ANNUAL	TMA	5	
MINE	430930	5409423	0.03399	377.07	377.07	0 ANNUAL	TMA	5	
MINE	430930	5409223	0.03355	375.17	375.17	0 ANNUAL	TMA	5	
MINE	430930	5409023	0.033	371.64	371.64	0 ANNUAL	TMA	5	
MINE	430930	5408823	0.03244	369.01	369.01	0 ANNUAL	TMA	5	
MINE	430930	5408623	0.03179	369.88	369.88	0 ANNUAL	TMA	5	
MINE	430930	5407423	0.02724	362.07	362.07	0 ANNUAL	TMA	5	
MINE	430930	5407223	0.02645	365.99	365.99	0 ANNUAL	TMA	5	
MINE	430930	5407023	0.02565	369	369	0 ANNUAL	TMA	5	
MINE	430930	5406823	0.02484	371	371	0 ANNUAL	TMA	5	
MINE	430930	5406623	0.02406	373	373	0 ANNUAL	TMA	5	
MINE	430930	5406423	0.02334	374	374	0 ANNUAL	TMA	5	
MINE	430930	5406223	0.02269	372	372	0 ANNUAL	TMA	5	
MINE	430930	5406023	0.0221	370	370	0 ANNUAL	TMA	5	
MINE	430930	5405823	0.02157	370	370	0 ANNUAL	TMA	5	
MINE	430930	5405623	0.02108	370	370	0 ANNUAL	TMA	5	
MINE	430930	5405423	0.02064	370	370	0 ANNUAL	TMA	5	
MINE	430930	5405223	0.02024	369	369	0 ANNUAL	TMA	5	
MINE	430930	5405023	0.01985	367	367	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	430930	5404823	0.01948	365.31	365.31	0 ANNUAL	TMA	5	
MINE	430930	5404623	0.01913	364.67	364.67	0 ANNUAL	TMA	5	
MINE	430930	5404423	0.01878	364	364	0 ANNUAL	TMA	5	
MINE	430930	5404223	0.01845	363	363	0 ANNUAL	TMA	5	
MINE	430930	5404023	0.01812	363	363	0 ANNUAL	TMA	5	
MINE	431130	5410023	0.03371	381	381	0 ANNUAL	TMA	5	
MINE	431130	5409823	0.03343	381	381	0 ANNUAL	TMA	5	
MINE	431130	5409623	0.03316	380	380	0 ANNUAL	TMA	5	
MINE	431130	5409423	0.03284	380	380	0 ANNUAL	TMA	5	
MINE	431130	5409223	0.03248	375.38	375.38	0 ANNUAL	TMA	5	
MINE	431130	5409023	0.032	370.75	370.75	0 ANNUAL	TMA	5	
MINE	431130	5408823	0.03148	371	371	0 ANNUAL	TMA	5	
MINE	431130	5408623	0.03092	370.5	370.5	0 ANNUAL	TMA	5	
MINE	431130	5408423	0.0303	367.74	367.74	0 ANNUAL	TMA	5	
MINE	431130	5408223	0.0296	361	361	0 ANNUAL	TMA	5	
MINE	431130	5408023	0.02889	359	359	0 ANNUAL	TMA	5	
MINE	431130	5407823	0.02819	360	360	0 ANNUAL	TMA	5	
MINE	431130	5407623	0.02747	361	361	0 ANNUAL	TMA	5	
MINE	431130	5407423	0.02673	362.31	362.31	0 ANNUAL	TMA	5	
MINE	431130	5407223	0.02599	366	366	0 ANNUAL	TMA	5	
MINE	431130	5407023	0.02523	369.7	369.7	0 ANNUAL	TMA	5	
MINE	431130	5406823	0.02444	371.55	371.55	0 ANNUAL	TMA	5	
MINE	431130	5406623	0.02368	373.87	373.87	0 ANNUAL	TMA	5	
MINE	431130	5406423	0.02297	374	374	0 ANNUAL	TMA	5	
MINE	431130	5406223	0.0223	373	373	0 ANNUAL	TMA	5	
MINE	431130	5406023	0.02169	373	373	0 ANNUAL	TMA	5	
MINE	431130	5405823	0.02115	371	371	0 ANNUAL	TMA	5	
MINE	431130	5405623	0.02066	370	370	0 ANNUAL	TMA	5	
MINE	431130	5405423	0.02021	370	370	0 ANNUAL	TMA	5	
MINE	431130	5405223	0.0198	369	369	0 ANNUAL	TMA	5	
MINE	431130	5405023	0.01942	367	367	0 ANNUAL	TMA	5	
MINE	431130	5404823	0.01906	365.41	365.41	0 ANNUAL	TMA	5	
MINE	431130	5404623	0.01872	364.78	364.78	0 ANNUAL	TMA	5	
MINE	431130	5404423	0.01839	364	364	0 ANNUAL	TMA	5	
MINE	431130	5404223	0.01807	364.5	364.5	0 ANNUAL	TMA	5	
MINE	431130	5404023	0.01776	365	365	0 ANNUAL	TMA	5	
MINE	428130	5406823	0.03428	355.87	355.87	0 ANNUAL	TMA	5	
MINE	428130	5406623	0.03324	362	362	0 ANNUAL	TMA	5	
MINE	428130	5406423	0.0322	366	366	0 ANNUAL	TMA	5	
MINE	428130	5406223	0.03118	368	368	0 ANNUAL	TMA	5	
MINE	428130	5406023	0.0302	366	366	0 ANNUAL	TMA	5	
MINE	428130	5405823	0.02925	363	363	0 ANNUAL	TMA	5	
MINE	428130	5405623	0.02836	362	362	0 ANNUAL	TMA	5	
MINE	428130	5405423	0.0275	361	361	0 ANNUAL	TMA	5	
MINE	428130	5405223	0.0267	364	364	0 ANNUAL	TMA	5	
MINE	428130	5405023	0.02592	366.58	366.58	0 ANNUAL	TMA	5	
MINE	428130	5404823	0.02515	369	369	0 ANNUAL	TMA	5	
MINE	428130	5404623	0.02439	370	370	0 ANNUAL	TMA	5	
MINE	428130	5404423	0.02364	370	370	0 ANNUAL	TMA	5	
MINE	428130	5404223	0.0229	369.94	369.94	0 ANNUAL	TMA	5	
MINE	428130	5404023	0.02218	369	369	0 ANNUAL	TMA	5	
MINE	427930	5406823	0.03512	360.98	360.98	0 ANNUAL	TMA	5	
MINE	427930	5406623	0.03397	364.37	364.37	0 ANNUAL	TMA	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	427930	5406423	0.03286	368.25	368.25	0 ANNUAL	TMA	5	
MINE	427930	5406223	0.03179	370	370	0 ANNUAL	TMA	5	
MINE	427930	5406023	0.03077	368	368	0 ANNUAL	TMA	5	
MINE	427930	5405823	0.02978	365	365	0 ANNUAL	TMA	5	
MINE	427930	5405623	0.02883	363	363	0 ANNUAL	TMA	5	
MINE	427930	5405423	0.02792	361	361	0 ANNUAL	TMA	5	
MINE	427930	5405223	0.02706	362	362	0 ANNUAL	TMA	5	
MINE	427930	5405023	0.02623	364	364	0 ANNUAL	TMA	5	
MINE	427930	5404823	0.02541	366	366	0 ANNUAL	TMA	5	
MINE	427930	5404623	0.02461	367.96	367.96	0 ANNUAL	TMA	5	
MINE	427930	5404423	0.02381	368	368	0 ANNUAL	TMA	5	
MINE	427930	5404223	0.02303	368	368	0 ANNUAL	TMA	5	
MINE	427930	5404023	0.02227	368	368	0 ANNUAL	TMA	5	
MINE	427730	5406823	0.03589	361.08	361.08	0 ANNUAL	TMA	5	
MINE	427730	5406623	0.03469	367.72	367.72	0 ANNUAL	TMA	5	
MINE	427730	5406423	0.03349	372	372	0 ANNUAL	TMA	5	
MINE	427730	5406223	0.03236	372	372	0 ANNUAL	TMA	5	
MINE	427730	5406023	0.03131	369	369	0 ANNUAL	TMA	5	
MINE	427730	5405823	0.03027	366.74	366.74	0 ANNUAL	TMA	5	
MINE	427730	5405623	0.02927	364	364	0 ANNUAL	TMA	5	
MINE	427730	5405423	0.02831	361.35	361.35	0 ANNUAL	TMA	5	
MINE	427730	5405223	0.0274	364	364	0 ANNUAL	TMA	5	
MINE	427730	5405023	0.0265	363	363	0 ANNUAL	TMA	5	
MINE	427730	5404823	0.02561	363	363	0 ANNUAL	TMA	5	
MINE	427730	5404623	0.02476	364	364	0 ANNUAL	TMA	5	
MINE	427730	5404423	0.02393	365	365	0 ANNUAL	TMA	5	
MINE	427730	5404223	0.02311	365.12	365.12	0 ANNUAL	TMA	5	
MINE	427730	5404023	0.02233	366	366	0 ANNUAL	TMA	5	
MINE	427530	5406823	0.03662	359.92	359.92	0 ANNUAL	TMA	5	
MINE	427530	5406623	0.03535	364.84	364.84	0 ANNUAL	TMA	5	
MINE	427530	5406423	0.0341	373.47	373.47	0 ANNUAL	TMA	5	
MINE	427530	5406223	0.03288	375.94	375.94	0 ANNUAL	TMA	5	
MINE	427530	5406023	0.0318	371.26	371.26	0 ANNUAL	TMA	5	
MINE	427530	5405823	0.03073	368.62	368.62	0 ANNUAL	TMA	5	
MINE	427530	5405623	0.02966	362.99	362.99	0 ANNUAL	TMA	5	
MINE	427530	5405423	0.02866	365.65	365.65	0 ANNUAL	TMA	5	
MINE	427530	5405223	0.0277	369	369	0 ANNUAL	TMA	5	
MINE	427530	5405023	0.02674	368	368	0 ANNUAL	TMA	5	
MINE	427530	5404823	0.0258	366	366	0 ANNUAL	TMA	5	
MINE	427530	5404623	0.02488	364.04	364.04	0 ANNUAL	TMA	5	
MINE	427530	5404423	0.024	364	364	0 ANNUAL	TMA	5	
MINE	427530	5404223	0.02316	364	364	0 ANNUAL	TMA	5	
MINE	427530	5404023	0.02235	365	365	0 ANNUAL	TMA	5	
MINE	427330	5406823	0.03735	361	361	0 ANNUAL	TMA	5	
MINE	427330	5406623	0.036	364.96	364.96	0 ANNUAL	TMA	5	
MINE	427330	5406423	0.03463	376.75	378	0 ANNUAL	TMA	5	
MINE	427330	5406223	0.03333	380.38	380.38	0 ANNUAL	TMA	5	
MINE	427330	5406023	0.03223	374.15	374.15	0 ANNUAL	TMA	5	
MINE	427330	5405823	0.03113	369.44	369.44	0 ANNUAL	TMA	5	
MINE	427330	5405623	0.02998	362	362	0 ANNUAL	TMA	5	
MINE	427330	5405423	0.02894	367	367	0 ANNUAL	TMA	5	
MINE	427330	5405223	0.02791	370	370	0 ANNUAL	TMA	5	
MINE	427330	5405023	0.0269	370	370	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	427330	5404823	0.02592	368.53	368.53	0 ANNUAL	TMA	5	
MINE	427330	5404623	0.02497	367	367	0 ANNUAL	TMA	5	
MINE	427330	5404423	0.02406	365.96	365.96	0 ANNUAL	TMA	5	
MINE	427330	5404223	0.02318	364	364	0 ANNUAL	TMA	5	
MINE	427330	5404023	0.02235	364.2	364.2	0 ANNUAL	TMA	5	
MINE	427130	5406823	0.03808	366	366	0 ANNUAL	TMA	5	
MINE	427130	5406623	0.03659	362.99	362.99	0 ANNUAL	TMA	5	
MINE	427130	5406423	0.03524	368.17	383	0 ANNUAL	TMA	5	
MINE	427130	5406223	0.03392	370.56	383	0 ANNUAL	TMA	5	
MINE	427130	5406023	0.03267	369	369	0 ANNUAL	TMA	5	
MINE	427130	5405823	0.03145	367	367	0 ANNUAL	TMA	5	
MINE	427130	5405623	0.03026	362.76	362.76	0 ANNUAL	TMA	5	
MINE	427130	5405423	0.02915	366	366	0 ANNUAL	TMA	5	
MINE	427130	5405223	0.02807	369	369	0 ANNUAL	TMA	5	
MINE	427130	5405023	0.02701	370	370	0 ANNUAL	TMA	5	
MINE	427130	5404823	0.026	369	369	0 ANNUAL	TMA	5	
MINE	427130	5404623	0.02502	368	368	0 ANNUAL	TMA	5	
MINE	427130	5404423	0.02408	367	367	0 ANNUAL	TMA	5	
MINE	427130	5404223	0.02319	366	366	0 ANNUAL	TMA	5	
MINE	427130	5404023	0.02234	365	365	0 ANNUAL	TMA	5	
MINE	426930	5406823	0.03869	372	372	0 ANNUAL	TMA	5	
MINE	426930	5406623	0.03717	370	370	0 ANNUAL	TMA	5	
MINE	426930	5406423	0.03571	366.8	366.8	0 ANNUAL	TMA	5	
MINE	426930	5406223	0.03431	364.35	364.35	0 ANNUAL	TMA	5	
MINE	426930	5406023	0.03296	362.45	362.45	0 ANNUAL	TMA	5	
MINE	426930	5405823	0.03169	362.28	362.28	0 ANNUAL	TMA	5	
MINE	426930	5405623	0.03047	364	364	0 ANNUAL	TMA	5	
MINE	426930	5405423	0.0293	366.06	366.06	0 ANNUAL	TMA	5	
MINE	426930	5405223	0.02817	368	368	0 ANNUAL	TMA	5	
MINE	426930	5405023	0.02708	369	369	0 ANNUAL	TMA	5	
MINE	426930	5404823	0.02603	369	369	0 ANNUAL	TMA	5	
MINE	426930	5404623	0.02503	369	369	0 ANNUAL	TMA	5	
MINE	426930	5404423	0.02408	368	368	0 ANNUAL	TMA	5	
MINE	426930	5404223	0.02317	367	367	0 ANNUAL	TMA	5	
MINE	426930	5404023	0.02231	366	366	0 ANNUAL	TMA	5	
MINE	426730	5406823	0.03917	378.14	378.14	0 ANNUAL	TMA	5	
MINE	426730	5406623	0.0376	376	376	0 ANNUAL	TMA	5	
MINE	426730	5406423	0.03611	372.07	372.07	0 ANNUAL	TMA	5	
MINE	426730	5406223	0.03467	369.83	369.83	0 ANNUAL	TMA	5	
MINE	426730	5406023	0.03328	368.43	368.43	0 ANNUAL	TMA	5	
MINE	426730	5405823	0.03193	367	367	0 ANNUAL	TMA	5	
MINE	426730	5405623	0.03064	366	366	0 ANNUAL	TMA	5	
MINE	426730	5405423	0.0294	366.11	366.11	0 ANNUAL	TMA	5	
MINE	426730	5405223	0.02823	368	368	0 ANNUAL	TMA	5	
MINE	426730	5405023	0.0271	369	369	0 ANNUAL	TMA	5	
MINE	426730	5404823	0.02603	370	370	0 ANNUAL	TMA	5	
MINE	426730	5404623	0.02501	370	370	0 ANNUAL	TMA	5	
MINE	426730	5404423	0.02404	370	370	0 ANNUAL	TMA	5	
MINE	426730	5404223	0.02314	369	369	0 ANNUAL	TMA	5	
MINE	426730	5404023	0.02227	367.9	367.9	0 ANNUAL	TMA	5	
MINE	426530	5406823	0.03963	379.77	379.77	0 ANNUAL	TMA	5	
MINE	426530	5406623	0.03799	379	379	0 ANNUAL	TMA	5	
MINE	426530	5406423	0.03645	375	375	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	426530	5406223	0.03491	374	374	0 ANNUAL	TMA	5	
MINE	426530	5406023	0.03348	370	370	0 ANNUAL	TMA	5	
MINE	426530	5405823	0.03208	367.06	367.06	0 ANNUAL	TMA	5	
MINE	426530	5405623	0.03072	364.43	364.43	0 ANNUAL	TMA	5	
MINE	426530	5405423	0.02943	363.02	367	0 ANNUAL	TMA	5	
MINE	426530	5405223	0.02824	366	366	0 ANNUAL	TMA	5	
MINE	426530	5405023	0.02709	368	368	0 ANNUAL	TMA	5	
MINE	426530	5404823	0.02601	369	369	0 ANNUAL	TMA	5	
MINE	426530	5404623	0.02497	370	370	0 ANNUAL	TMA	5	
MINE	426530	5404423	0.02399	370	370	0 ANNUAL	TMA	5	
MINE	426530	5404223	0.02307	370	370	0 ANNUAL	TMA	5	
MINE	426530	5404023	0.02221	369	369	0 ANNUAL	TMA	5	
MINE	426330	5406823	0.04011	378.56	378.56	0 ANNUAL	TMA	5	
MINE	426330	5406623	0.03835	380	380	0 ANNUAL	TMA	5	
MINE	426330	5406423	0.03671	379.16	379.16	0 ANNUAL	TMA	5	
MINE	426330	5406223	0.0351	381	381	0 ANNUAL	TMA	5	
MINE	426330	5406023	0.03361	376.97	376.97	0 ANNUAL	TMA	5	
MINE	426330	5405823	0.03218	368.97	368.97	0 ANNUAL	TMA	5	
MINE	426330	5405623	0.03077	365.1	365.1	0 ANNUAL	TMA	5	
MINE	426330	5405423	0.02945	363.9	363.9	0 ANNUAL	TMA	5	
MINE	426330	5405223	0.02823	367	367	0 ANNUAL	TMA	5	
MINE	426330	5405023	0.02706	369.59	369.59	0 ANNUAL	TMA	5	
MINE	426330	5404823	0.02595	370	370	0 ANNUAL	TMA	5	
MINE	426330	5404623	0.02491	370	370	0 ANNUAL	TMA	5	
MINE	426330	5404423	0.02393	370	370	0 ANNUAL	TMA	5	
MINE	426330	5404223	0.023	370	370	0 ANNUAL	TMA	5	
MINE	426330	5404023	0.02213	370	370	0 ANNUAL	TMA	5	
MINE	426130	5406823	0.04053	376	376	0 ANNUAL	TMA	5	
MINE	426130	5406623	0.03867	379	379	0 ANNUAL	TMA	5	
MINE	426130	5406423	0.03682	384.35	384.35	0 ANNUAL	TMA	5	
MINE	426130	5406223	0.03495	389.82	389.82	0 ANNUAL	TMA	5	
MINE	426130	5406023	0.03343	388.21	388.21	0 ANNUAL	TMA	5	
MINE	426130	5405823	0.03218	375.83	375.83	0 ANNUAL	TMA	5	
MINE	426130	5405623	0.0308	369	369	0 ANNUAL	TMA	5	
MINE	426130	5405423	0.02942	362.56	362.56	0 ANNUAL	TMA	5	
MINE	426130	5405223	0.02818	365.07	365.07	0 ANNUAL	TMA	5	
MINE	426130	5405023	0.02701	369	369	0 ANNUAL	TMA	5	
MINE	426130	5404823	0.02589	370	370	0 ANNUAL	TMA	5	
MINE	426130	5404623	0.02484	369	369	0 ANNUAL	TMA	5	
MINE	426130	5404423	0.02386	369.61	369.61	0 ANNUAL	TMA	5	
MINE	426130	5404223	0.02293	370	370	0 ANNUAL	TMA	5	
MINE	426130	5404023	0.02206	370	370	0 ANNUAL	TMA	5	
MINE	425930	5406823	0.04083	376.11	376.11	0 ANNUAL	TMA	5	
MINE	425930	5406623	0.03885	380.74	380.74	0 ANNUAL	TMA	5	
MINE	425930	5406423	0.03679	388.32	388.32	0 ANNUAL	TMA	5	
MINE	425930	5406223	0.03498	390	390	0 ANNUAL	TMA	5	
MINE	425930	5406023	0.03337	389.54	389.54	0 ANNUAL	TMA	5	
MINE	425930	5405823	0.03214	378.08	378.08	0 ANNUAL	TMA	5	
MINE	425930	5405623	0.03075	371	371	0 ANNUAL	TMA	5	
MINE	425930	5405423	0.0294	366.45	366.45	0 ANNUAL	TMA	5	
MINE	425930	5405223	0.02809	362	362	0 ANNUAL	TMA	5	
MINE	425930	5405023	0.02693	367.04	367.04	0 ANNUAL	TMA	5	
MINE	425930	5404823	0.02581	370	370	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	425930	5404623	0.02476	369	369	0 ANNUAL	TMA	5	
MINE	425930	5404423	0.02377	370	370	0 ANNUAL	TMA	5	
MINE	425930	5404223	0.02284	371	371	0 ANNUAL	TMA	5	
MINE	425930	5404023	0.02197	371	371	0 ANNUAL	TMA	5	
MINE	425730	5406823	0.04105	375.55	375.55	0 ANNUAL	TMA	5	
MINE	425730	5406623	0.03897	381	381	0 ANNUAL	TMA	5	
MINE	425730	5406423	0.03696	384.88	384.88	0 ANNUAL	TMA	5	
MINE	425730	5406223	0.03517	384.99	384.99	0 ANNUAL	TMA	5	
MINE	425730	5406023	0.0336	381.24	381.24	0 ANNUAL	TMA	5	
MINE	425730	5405823	0.03211	376.6	376.6	0 ANNUAL	TMA	5	
MINE	425730	5405623	0.03068	371.97	371.97	0 ANNUAL	TMA	5	
MINE	425730	5405423	0.02933	367.58	367.58	0 ANNUAL	TMA	5	
MINE	425730	5405223	0.02801	362.13	362.13	0 ANNUAL	TMA	5	
MINE	425730	5405023	0.02682	364	364	0 ANNUAL	TMA	5	
MINE	425730	5404823	0.02572	367	367	0 ANNUAL	TMA	5	
MINE	425730	5404623	0.02467	367	367	0 ANNUAL	TMA	5	
MINE	425730	5404423	0.02368	370	370	0 ANNUAL	TMA	5	
MINE	425730	5404223	0.02275	371	371	0 ANNUAL	TMA	5	
MINE	425730	5404023	0.02188	370	370	0 ANNUAL	TMA	5	
MINE	425530	5406823	0.04121	370.69	370.69	0 ANNUAL	TMA	5	
MINE	425530	5406623	0.03906	378.99	378.99	0 ANNUAL	TMA	5	
MINE	425530	5406423	0.03704	382	382	0 ANNUAL	TMA	5	
MINE	425530	5406223	0.03525	380.76	380.76	0 ANNUAL	TMA	5	
MINE	425530	5406023	0.03359	378.05	378.05	0 ANNUAL	TMA	5	
MINE	425530	5405823	0.03205	374.49	374.49	0 ANNUAL	TMA	5	
MINE	425530	5405623	0.03061	370	370	0 ANNUAL	TMA	5	
MINE	425530	5405423	0.02922	366.22	366.22	0 ANNUAL	TMA	5	
MINE	425530	5405223	0.0279	362.59	362.59	0 ANNUAL	TMA	5	
MINE	425530	5405023	0.0267	363	363	0 ANNUAL	TMA	5	
MINE	425530	5404823	0.0256	365	365	0 ANNUAL	TMA	5	
MINE	425530	5404623	0.02456	368.32	368.32	0 ANNUAL	TMA	5	
MINE	425530	5404423	0.02356	371	371	0 ANNUAL	TMA	5	
MINE	425530	5404223	0.02262	371	371	0 ANNUAL	TMA	5	
MINE	425530	5404023	0.02175	370	370	0 ANNUAL	TMA	5	
MINE	425330	5406823	0.04128	370	370	0 ANNUAL	TMA	5	
MINE	425330	5406623	0.03908	377.09	377.09	0 ANNUAL	TMA	5	
MINE	425330	5406423	0.03701	381	381	0 ANNUAL	TMA	5	
MINE	425330	5406223	0.03516	380.64	380.64	0 ANNUAL	TMA	5	
MINE	425330	5406023	0.03353	375.01	375.01	0 ANNUAL	TMA	5	
MINE	425330	5405823	0.03197	370	370	0 ANNUAL	TMA	5	
MINE	425330	5405623	0.03048	367.24	367.24	0 ANNUAL	TMA	5	
MINE	425330	5405423	0.02908	365	365	0 ANNUAL	TMA	5	
MINE	425330	5405223	0.02777	362.47	362.47	0 ANNUAL	TMA	5	
MINE	425330	5405023	0.02657	363.14	363.14	0 ANNUAL	TMA	5	
MINE	425330	5404823	0.02546	366	366	0 ANNUAL	TMA	5	
MINE	425330	5404623	0.02441	369	369	0 ANNUAL	TMA	5	
MINE	425330	5404423	0.02341	370	370	0 ANNUAL	TMA	5	
MINE	425330	5404223	0.02247	371	371	0 ANNUAL	TMA	5	
MINE	425330	5404023	0.0216	369.76	369.76	0 ANNUAL	TMA	5	
MINE	425130	5406823	0.04123	370.57	370.57	0 ANNUAL	TMA	5	
MINE	425130	5406623	0.03901	374.5	374.5	0 ANNUAL	TMA	5	
MINE	425130	5406423	0.03695	377.46	377.46	0 ANNUAL	TMA	5	
MINE	425130	5406223	0.03506	377.73	377.73	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	425130	5406023	0.03336	374.9	374.9	0 ANNUAL	TMA	5	
MINE	425130	5405823	0.03179	371	371	0 ANNUAL	TMA	5	
MINE	425130	5405623	0.03031	368.47	368.47	0 ANNUAL	TMA	5	
MINE	425130	5405423	0.02889	365	365	0 ANNUAL	TMA	5	
MINE	425130	5405223	0.02759	362.21	362.21	0 ANNUAL	TMA	5	
MINE	425130	5405023	0.02638	362.28	362.28	0 ANNUAL	TMA	5	
MINE	425130	5404823	0.02527	364.87	364.87	0 ANNUAL	TMA	5	
MINE	425130	5404623	0.02422	367	367	0 ANNUAL	TMA	5	
MINE	425130	5404423	0.02323	369	369	0 ANNUAL	TMA	5	
MINE	425130	5404223	0.02229	370	370	0 ANNUAL	TMA	5	
MINE	425130	5404023	0.02141	368.19	368.19	0 ANNUAL	TMA	5	
MINE	424930	5406823	0.04108	370.72	370.72	0 ANNUAL	TMA	5	
MINE	424930	5406623	0.03886	371.3	371.3	0 ANNUAL	TMA	5	
MINE	424930	5406423	0.03681	372.48	372.48	0 ANNUAL	TMA	5	
MINE	424930	5406223	0.03493	372	372	0 ANNUAL	TMA	5	
MINE	424930	5406023	0.03319	371.65	371.65	0 ANNUAL	TMA	5	
MINE	424930	5405823	0.03159	370	370	0 ANNUAL	TMA	5	
MINE	424930	5405623	0.0301	368	368	0 ANNUAL	TMA	5	
MINE	424930	5405423	0.02869	364.87	364.87	0 ANNUAL	TMA	5	
MINE	424930	5405223	0.02736	361	361	0 ANNUAL	TMA	5	
MINE	424930	5405023	0.02616	362	362	0 ANNUAL	TMA	5	
MINE	424930	5404823	0.02503	363	363	0 ANNUAL	TMA	5	
MINE	424930	5404623	0.02398	364.04	364.04	0 ANNUAL	TMA	5	
MINE	424930	5404423	0.02301	367	367	0 ANNUAL	TMA	5	
MINE	424930	5404223	0.02208	370	370	0 ANNUAL	TMA	5	
MINE	424930	5404023	0.02121	368.43	368.43	0 ANNUAL	TMA	5	
MINE	424730	5406823	0.04086	367.06	367.06	0 ANNUAL	TMA	5	
MINE	424730	5406623	0.03864	368	368	0 ANNUAL	TMA	5	
MINE	424730	5406423	0.0366	369	369	0 ANNUAL	TMA	5	
MINE	424730	5406223	0.0347	370	370	0 ANNUAL	TMA	5	
MINE	424730	5406023	0.03296	370	370	0 ANNUAL	TMA	5	
MINE	424730	5405823	0.03133	371	371	0 ANNUAL	TMA	5	
MINE	424730	5405623	0.02986	369	369	0 ANNUAL	TMA	5	
MINE	424730	5405423	0.02842	362.83	362.83	0 ANNUAL	TMA	5	
MINE	424730	5405223	0.02712	361.94	361.94	0 ANNUAL	TMA	5	
MINE	424730	5405023	0.02594	365.18	365.18	0 ANNUAL	TMA	5	
MINE	424730	5404823	0.0248	364.16	364.16	0 ANNUAL	TMA	5	
MINE	424730	5404623	0.02373	362	362	0 ANNUAL	TMA	5	
MINE	424730	5404423	0.02276	363	363	0 ANNUAL	TMA	5	
MINE	424730	5404223	0.02185	365.05	365.05	0 ANNUAL	TMA	5	
MINE	424730	5404023	0.02098	363.31	363.31	0 ANNUAL	TMA	5	
MINE	424530	5406823	0.04057	366	366	0 ANNUAL	TMA	5	
MINE	424530	5406623	0.03836	369	369	0 ANNUAL	TMA	5	
MINE	424530	5406423	0.0363	370	370	0 ANNUAL	TMA	5	
MINE	424530	5406223	0.03441	370.58	370.58	0 ANNUAL	TMA	5	
MINE	424530	5406023	0.03269	369	369	0 ANNUAL	TMA	5	
MINE	424530	5405823	0.03107	370	370	0 ANNUAL	TMA	5	
MINE	424530	5405623	0.02958	369	369	0 ANNUAL	TMA	5	
MINE	424530	5405423	0.02814	362	362	0 ANNUAL	TMA	5	
MINE	424530	5405223	0.02687	363.99	363.99	0 ANNUAL	TMA	5	
MINE	424530	5405023	0.0257	370	370	0 ANNUAL	TMA	5	
MINE	424530	5404823	0.02458	368	368	0 ANNUAL	TMA	5	
MINE	424530	5404623	0.02351	364	364	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	424530	5404423	0.02252	361	361	0 ANNUAL	TMA	5	
MINE	424530	5404223	0.02162	361	361	0 ANNUAL	TMA	5	
MINE	424530	5404023	0.02078	362.65	362.65	0 ANNUAL	TMA	5	
MINE	424330	5406823	0.04026	366	366	0 ANNUAL	TMA	5	
MINE	424330	5406623	0.03806	369	369	0 ANNUAL	TMA	5	
MINE	424330	5406423	0.03596	373.3	373.3	0 ANNUAL	TMA	5	
MINE	424330	5406223	0.03402	375.04	375.04	0 ANNUAL	TMA	5	
MINE	424330	5406023	0.03238	370.43	370.43	0 ANNUAL	TMA	5	
MINE	424330	5405823	0.03077	367	367	0 ANNUAL	TMA	5	
MINE	424330	5405623	0.02927	364.98	364.98	0 ANNUAL	TMA	5	
MINE	424330	5405423	0.02786	362	362	0 ANNUAL	TMA	5	
MINE	424330	5405223	0.02658	361.43	361.43	0 ANNUAL	TMA	5	
MINE	424330	5405023	0.02545	370	370	0 ANNUAL	TMA	5	
MINE	424330	5404823	0.02434	365.68	365.68	0 ANNUAL	TMA	5	
MINE	424330	5404623	0.0233	364	364	0 ANNUAL	TMA	5	
MINE	424330	5404423	0.02232	361	361	0 ANNUAL	TMA	5	
MINE	424330	5404223	0.02143	361	361	0 ANNUAL	TMA	5	
MINE	424330	5404023	0.02062	364.03	364.03	0 ANNUAL	TMA	5	
MINE	424130	5406823	0.03996	366	366	0 ANNUAL	TMA	5	
MINE	424130	5406623	0.03776	368.78	368.78	0 ANNUAL	TMA	5	
MINE	424130	5406423	0.03572	369	369	0 ANNUAL	TMA	5	
MINE	424130	5406223	0.03358	379.95	379.95	0 ANNUAL	TMA	5	
MINE	424130	5406023	0.03206	373.17	373.17	0 ANNUAL	TMA	5	
MINE	424130	5405823	0.0305	370	370	0 ANNUAL	TMA	5	
MINE	424130	5405623	0.02901	365.04	365.04	0 ANNUAL	TMA	5	
MINE	424130	5405423	0.02761	361	361	0 ANNUAL	TMA	5	
MINE	424130	5405223	0.02634	360	360	0 ANNUAL	TMA	5	
MINE	424130	5405023	0.02518	360.37	360.37	0 ANNUAL	TMA	5	
MINE	424130	5404823	0.02409	360	360	0 ANNUAL	TMA	5	
MINE	424130	5404623	0.0231	361	361	0 ANNUAL	TMA	5	
MINE	424130	5404423	0.02215	360	360	0 ANNUAL	TMA	5	
MINE	424130	5404223	0.02129	361	361	0 ANNUAL	TMA	5	
MINE	424130	5404023	0.02047	361	361	0 ANNUAL	TMA	5	
MINE	423930	5406823	0.03971	367	367	0 ANNUAL	TMA	5	
MINE	423930	5406623	0.03746	365	365	0 ANNUAL	TMA	5	
MINE	423930	5406423	0.03545	368	368	0 ANNUAL	TMA	5	
MINE	423930	5406223	0.03359	369	369	0 ANNUAL	TMA	5	
MINE	423930	5406023	0.03186	367.58	367.58	0 ANNUAL	TMA	5	
MINE	423930	5405823	0.03029	369	369	0 ANNUAL	TMA	5	
MINE	423930	5405623	0.0288	364.92	364.92	0 ANNUAL	TMA	5	
MINE	423930	5405423	0.0274	360	360	0 ANNUAL	TMA	5	
MINE	423930	5405223	0.02615	359	359	0 ANNUAL	TMA	5	
MINE	423930	5405023	0.02501	359	359	0 ANNUAL	TMA	5	
MINE	423930	5404823	0.02394	359	359	0 ANNUAL	TMA	5	
MINE	423930	5404623	0.02295	359	359	0 ANNUAL	TMA	5	
MINE	423930	5404423	0.02204	360	360	0 ANNUAL	TMA	5	
MINE	423930	5404223	0.02118	361	361	0 ANNUAL	TMA	5	
MINE	423930	5404023	0.02036	360.25	360.25	0 ANNUAL	TMA	5	
MINE	423730	5406823	0.03951	366.62	366.62	0 ANNUAL	TMA	5	
MINE	423730	5406623	0.03724	363.02	363.02	0 ANNUAL	TMA	5	
MINE	423730	5406423	0.03524	366	366	0 ANNUAL	TMA	5	
MINE	423730	5406223	0.03338	365.16	365.16	0 ANNUAL	TMA	5	
MINE	423730	5406023	0.03165	363	363	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	423730	5405823	0.03009	363.58	363.58	0 ANNUAL	TMA	5	
MINE	423730	5405623	0.02868	366	366	0 ANNUAL	TMA	5	
MINE	423730	5405423	0.02731	362.01	362.01	0 ANNUAL	TMA	5	
MINE	423730	5405223	0.02606	359.54	359.54	0 ANNUAL	TMA	5	
MINE	423730	5405023	0.0249	358	358	0 ANNUAL	TMA	5	
MINE	423730	5404823	0.02385	358	358	0 ANNUAL	TMA	5	
MINE	423730	5404623	0.02288	359	359	0 ANNUAL	TMA	5	
MINE	423730	5404423	0.02196	359	359	0 ANNUAL	TMA	5	
MINE	423730	5404223	0.0211	359.01	359.01	0 ANNUAL	TMA	5	
MINE	423730	5404023	0.02029	359	359	0 ANNUAL	TMA	5	
MINE	423530	5406823	0.03931	362	362	0 ANNUAL	TMA	5	
MINE	423530	5406623	0.03708	361	361	0 ANNUAL	TMA	5	
MINE	423530	5406423	0.0351	363	363	0 ANNUAL	TMA	5	
MINE	423530	5406223	0.03324	362	362	0 ANNUAL	TMA	5	
MINE	423530	5406023	0.03153	360	360	0 ANNUAL	TMA	5	
MINE	423530	5405823	0.02998	360	360	0 ANNUAL	TMA	5	
MINE	423530	5405623	0.02859	363	363	0 ANNUAL	TMA	5	
MINE	423530	5405423	0.02727	362	362	0 ANNUAL	TMA	5	
MINE	423530	5405223	0.02602	360	360	0 ANNUAL	TMA	5	
MINE	423530	5405023	0.02488	358.61	358.61	0 ANNUAL	TMA	5	
MINE	423530	5404823	0.02382	358	358	0 ANNUAL	TMA	5	
MINE	423530	5404623	0.02284	358	358	0 ANNUAL	TMA	5	
MINE	423530	5404423	0.02192	358	358	0 ANNUAL	TMA	5	
MINE	423530	5404223	0.02107	358	358	0 ANNUAL	TMA	5	
MINE	423530	5404023	0.02027	359	359	0 ANNUAL	TMA	5	
MINE	423330	5406823	0.03919	360	360	0 ANNUAL	TMA	5	
MINE	423330	5406623	0.037	360	360	0 ANNUAL	TMA	5	
MINE	423330	5406423	0.03501	360	360	0 ANNUAL	TMA	5	
MINE	423330	5406223	0.03318	360	360	0 ANNUAL	TMA	5	
MINE	423330	5406023	0.0315	359	359	0 ANNUAL	TMA	5	
MINE	423330	5405823	0.02999	361	361	0 ANNUAL	TMA	5	
MINE	423330	5405623	0.02858	362	362	0 ANNUAL	TMA	5	
MINE	423330	5405423	0.02725	360	360	0 ANNUAL	TMA	5	
MINE	423330	5405223	0.02602	359	359	0 ANNUAL	TMA	5	
MINE	423330	5405023	0.02488	358	358	0 ANNUAL	TMA	5	
MINE	423330	5404823	0.02382	357	357	0 ANNUAL	TMA	5	
MINE	423330	5404623	0.02284	357	357	0 ANNUAL	TMA	5	
MINE	423330	5404423	0.02193	358	358	0 ANNUAL	TMA	5	
MINE	423330	5404223	0.02108	358	358	0 ANNUAL	TMA	5	
MINE	423330	5404023	0.02028	359	359	0 ANNUAL	TMA	5	
MINE	423130	5406823	0.03913	360	360	0 ANNUAL	TMA	5	
MINE	423130	5406623	0.03697	360	360	0 ANNUAL	TMA	5	
MINE	423130	5406423	0.03499	360.01	360.01	0 ANNUAL	TMA	5	
MINE	423130	5406223	0.0332	361	361	0 ANNUAL	TMA	5	
MINE	423130	5406023	0.03153	360	360	0 ANNUAL	TMA	5	
MINE	423130	5405823	0.02998	359	359	0 ANNUAL	TMA	5	
MINE	423130	5405623	0.02857	359	359	0 ANNUAL	TMA	5	
MINE	423130	5405423	0.02727	359	359	0 ANNUAL	TMA	5	
MINE	423130	5405223	0.02605	358.92	358.92	0 ANNUAL	TMA	5	
MINE	423130	5405023	0.02492	358	358	0 ANNUAL	TMA	5	
MINE	423130	5404823	0.02385	357	357	0 ANNUAL	TMA	5	
MINE	423130	5404623	0.02287	356.6	356.6	0 ANNUAL	TMA	5	
MINE	423130	5404423	0.02196	357	357	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	423130	5404223	0.0211	357	357	0 ANNUAL	TMA	5	
MINE	423130	5404023	0.02031	358	358	0 ANNUAL	TMA	5	
MINE	422930	5406823	0.03907	358.91	358.91	0 ANNUAL	TMA	5	
MINE	422930	5406623	0.03693	359	359	0 ANNUAL	TMA	5	
MINE	422930	5406423	0.03497	359	359	0 ANNUAL	TMA	5	
MINE	422930	5406223	0.03319	359.95	359.95	0 ANNUAL	TMA	5	
MINE	422930	5406023	0.0315	357	357	0 ANNUAL	TMA	5	
MINE	422930	5405823	0.02998	356.99	356.99	0 ANNUAL	TMA	5	
MINE	422930	5405623	0.02857	356.48	356.48	0 ANNUAL	TMA	5	
MINE	422930	5405423	0.02728	357	357	0 ANNUAL	TMA	5	
MINE	422930	5405223	0.02608	357.84	357.84	0 ANNUAL	TMA	5	
MINE	422930	5405023	0.02495	357	357	0 ANNUAL	TMA	5	
MINE	422930	5404823	0.0239	357	357	0 ANNUAL	TMA	5	
MINE	422930	5404623	0.02291	356	356	0 ANNUAL	TMA	5	
MINE	422930	5404423	0.022	356	356	0 ANNUAL	TMA	5	
MINE	422930	5404223	0.02115	356	356	0 ANNUAL	TMA	5	
MINE	422930	5404023	0.02036	357	357	0 ANNUAL	TMA	5	
MINE	422730	5406023	0.03155	359	359	0 ANNUAL	TMA	5	
MINE	422730	5405823	0.03005	360	360	0 ANNUAL	TMA	5	
MINE	422730	5405623	0.02863	358	358	0 ANNUAL	TMA	5	
MINE	422730	5405423	0.0273	356	356	0 ANNUAL	TMA	5	
MINE	422730	5405223	0.02612	357	357	0 ANNUAL	TMA	5	
MINE	422730	5405023	0.02501	358	358	0 ANNUAL	TMA	5	
MINE	422730	5404823	0.02396	357	357	0 ANNUAL	TMA	5	
MINE	422730	5404623	0.02298	356	356	0 ANNUAL	TMA	5	
MINE	422730	5404423	0.02205	355	355	0 ANNUAL	TMA	5	
MINE	422730	5404223	0.0212	355.15	355.15	0 ANNUAL	TMA	5	
MINE	422730	5404023	0.02042	356.86	356.86	0 ANNUAL	TMA	5	
MINE	422530	5406023	0.03157	360	360	0 ANNUAL	TMA	5	
MINE	422530	5405823	0.03007	360	360	0 ANNUAL	TMA	5	
MINE	422530	5405623	0.02867	359	359	0 ANNUAL	TMA	5	
MINE	422530	5405423	0.02733	355.46	355.46	0 ANNUAL	TMA	5	
MINE	422530	5405223	0.02618	358	358	0 ANNUAL	TMA	5	
MINE	422530	5405023	0.02508	359	359	0 ANNUAL	TMA	5	
MINE	422530	5404823	0.02402	357	357	0 ANNUAL	TMA	5	
MINE	422530	5404623	0.02302	355	355	0 ANNUAL	TMA	5	
MINE	422530	5404423	0.02212	355	355	0 ANNUAL	TMA	5	
MINE	422530	5404223	0.02128	356	356	0 ANNUAL	TMA	5	
MINE	422530	5404023	0.02049	357	357	0 ANNUAL	TMA	5	
MINE	422330	5406423	0.03488	358	358	0 ANNUAL	TMA	5	
MINE	422330	5406223	0.03315	359	359	0 ANNUAL	TMA	5	
MINE	422330	5406023	0.03155	359	359	0 ANNUAL	TMA	5	
MINE	422330	5405823	0.03006	359	359	0 ANNUAL	TMA	5	
MINE	422330	5405623	0.02867	358	358	0 ANNUAL	TMA	5	
MINE	422330	5405423	0.02737	356	356	0 ANNUAL	TMA	5	
MINE	422330	5405223	0.02617	355.29	355.29	0 ANNUAL	TMA	5	
MINE	422330	5405023	0.02513	360	360	0 ANNUAL	TMA	5	
MINE	422330	5404823	0.02406	357.44	357.44	0 ANNUAL	TMA	5	
MINE	422330	5404623	0.02306	354	354	0 ANNUAL	TMA	5	
MINE	422330	5404423	0.02217	355	355	0 ANNUAL	TMA	5	
MINE	422330	5404223	0.02133	356	356	0 ANNUAL	TMA	5	
MINE	422330	5404023	0.02054	357	357	0 ANNUAL	TMA	5	
MINE	422130	5406423	0.03484	359.61	359.61	0 ANNUAL	TMA	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	422130	5406223	0.03312	360	360	0 ANNUAL	TMA	5	
MINE	422130	5406023	0.03152	359.9	359.9	0 ANNUAL	TMA	5	
MINE	422130	5405823	0.03005	360	360	0 ANNUAL	TMA	5	
MINE	422130	5405623	0.02866	358	358	0 ANNUAL	TMA	5	
MINE	422130	5405423	0.02737	356	356	0 ANNUAL	TMA	5	
MINE	422130	5405223	0.02616	354	354	0 ANNUAL	TMA	5	
MINE	422130	5405023	0.02508	355	355	0 ANNUAL	TMA	5	
MINE	422130	5404823	0.02407	355.29	355.29	0 ANNUAL	TMA	5	
MINE	422130	5404623	0.02309	353.68	353.68	0 ANNUAL	TMA	5	
MINE	422130	5404423	0.0222	354	354	0 ANNUAL	TMA	5	
MINE	422130	5404223	0.02137	355	355	0 ANNUAL	TMA	5	
MINE	422130	5404023	0.02059	356	356	0 ANNUAL	TMA	5	
MINE	421930	5405223	0.02616	354	354	0 ANNUAL	TMA	5	
MINE	421930	5405023	0.02507	353	353	0 ANNUAL	TMA	5	
MINE	421930	5404823	0.02406	353.17	353.17	0 ANNUAL	TMA	5	
MINE	421930	5404623	0.02312	353	353	0 ANNUAL	TMA	5	
MINE	421930	5404423	0.02224	353.07	353.07	0 ANNUAL	TMA	5	
MINE	421930	5404223	0.02143	354.71	354.71	0 ANNUAL	TMA	5	
MINE	421930	5404023	0.02066	356	356	0 ANNUAL	TMA	5	
MINE	421730	5404823	0.02409	352	352	0 ANNUAL	TMA	5	
MINE	421730	5404623	0.02316	352	352	0 ANNUAL	TMA	5	
MINE	421730	5404423	0.02231	354	354	0 ANNUAL	TMA	5	
MINE	421730	5404223	0.02152	355.94	355.94	0 ANNUAL	TMA	5	
MINE	421730	5404023	0.02074	356	356	0 ANNUAL	TMA	5	
MINE	421530	5404823	0.02415	351	351	0 ANNUAL	TMA	5	
MINE	421530	5404623	0.02324	352	352	0 ANNUAL	TMA	5	
MINE	421530	5404423	0.02243	356.94	356.94	0 ANNUAL	TMA	5	
MINE	421530	5404223	0.02163	358.73	358.73	0 ANNUAL	TMA	5	
MINE	421530	5404023	0.02085	358	358	0 ANNUAL	TMA	5	
MINE	421330	5404823	0.02422	351	351	0 ANNUAL	TMA	5	
MINE	421330	5404623	0.02334	353.8	353.8	0 ANNUAL	TMA	5	
MINE	421330	5404423	0.02255	360	360	0 ANNUAL	TMA	5	
MINE	421330	5404223	0.02173	360	360	0 ANNUAL	TMA	5	
MINE	421330	5404023	0.02096	360	360	0 ANNUAL	TMA	5	
MINE	421130	5404823	0.02426	350	350	0 ANNUAL	TMA	5	
MINE	421130	5404623	0.02339	353	353	0 ANNUAL	TMA	5	
MINE	421130	5404423	0.02258	357	357	0 ANNUAL	TMA	5	
MINE	421130	5404223	0.02178	359.03	359.03	0 ANNUAL	TMA	5	
MINE	421130	5404023	0.02102	360	360	0 ANNUAL	TMA	5	
MINE	420930	5405223	0.02626	351	351	0 ANNUAL	TMA	5	
MINE	420930	5405023	0.02522	350	350	0 ANNUAL	TMA	5	
MINE	420930	5404823	0.02426	350	350	0 ANNUAL	TMA	5	
MINE	420930	5404623	0.02338	351.04	351.04	0 ANNUAL	TMA	5	
MINE	420930	5404423	0.02257	353.96	353.96	0 ANNUAL	TMA	5	
MINE	420930	5404223	0.02179	356	356	0 ANNUAL	TMA	5	
MINE	420930	5404023	0.02105	358	358	0 ANNUAL	TMA	5	
MINE	420730	5405223	0.02624	354	354	0 ANNUAL	TMA	5	
MINE	420730	5405023	0.0252	352	352	0 ANNUAL	TMA	5	
MINE	420730	5404823	0.02422	350	350	0 ANNUAL	TMA	5	
MINE	420730	5404623	0.02333	350	350	0 ANNUAL	TMA	5	
MINE	420730	5404423	0.02253	352.66	352.66	0 ANNUAL	TMA	5	
MINE	420730	5404223	0.02178	356	356	0 ANNUAL	TMA	5	
MINE	420730	5404023	0.02107	360	360	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	420530	5405623	0.02839	356	356	0 ANNUAL	TMA	5	
MINE	420530	5405423	0.02728	359	359	0 ANNUAL	TMA	5	
MINE	420530	5405223	0.02616	356.61	356.61	0 ANNUAL	TMA	5	
MINE	420530	5405023	0.02509	352	352	0 ANNUAL	TMA	5	
MINE	420530	5404823	0.02413	350	350	0 ANNUAL	TMA	5	
MINE	420530	5404623	0.02323	349	349	0 ANNUAL	TMA	5	
MINE	420530	5404423	0.02242	350	350	0 ANNUAL	TMA	5	
MINE	420530	5404223	0.02171	355	355	0 ANNUAL	TMA	5	
MINE	420530	5404023	0.02102	360	360	0 ANNUAL	TMA	5	
MINE	420330	5405623	0.02817	355.24	355.24	0 ANNUAL	TMA	5	
MINE	420330	5405423	0.02709	359.97	359.97	0 ANNUAL	TMA	5	
MINE	420330	5405223	0.026	358	358	0 ANNUAL	TMA	5	
MINE	420330	5405023	0.02494	353.11	353.11	0 ANNUAL	TMA	5	
MINE	420330	5404823	0.02397	350	350	0 ANNUAL	TMA	5	
MINE	420330	5404623	0.02309	349	349	0 ANNUAL	TMA	5	
MINE	420330	5404423	0.0223	350.05	350.05	0 ANNUAL	TMA	5	
MINE	420330	5404223	0.02159	354.68	354.68	0 ANNUAL	TMA	5	
MINE	420330	5404023	0.02091	360	360	0 ANNUAL	TMA	5	
MINE	420130	5406823	0.03648	346	346	0 ANNUAL	TMA	5	
MINE	420130	5406623	0.03474	347	347	0 ANNUAL	TMA	5	
MINE	420130	5406423	0.03316	349	349	0 ANNUAL	TMA	5	
MINE	420130	5406223	0.03167	350	350	0 ANNUAL	TMA	5	
MINE	420130	5405623	0.02791	357.36	357.36	0 ANNUAL	TMA	5	
MINE	420130	5405423	0.0268	358	358	0 ANNUAL	TMA	5	
MINE	420130	5405223	0.02572	355.32	355.32	0 ANNUAL	TMA	5	
MINE	420130	5405023	0.0247	352	352	0 ANNUAL	TMA	5	
MINE	420130	5404823	0.02374	349.1	349.1	0 ANNUAL	TMA	5	
MINE	420130	5404623	0.02289	349	349	0 ANNUAL	TMA	5	
MINE	420130	5404423	0.02209	349	349	0 ANNUAL	TMA	5	
MINE	420130	5404223	0.02138	351.8	351.8	0 ANNUAL	TMA	5	
MINE	420130	5404023	0.0207	355	355	0 ANNUAL	TMA	5	
MINE	422930	5407823	0.05382	364.52	367	0 ANNUAL	TMA	5	
MINE	422930	5408023	0.05764	358	358	0 ANNUAL	TMA	5	
MINE	422930	5408223	0.06208	356.42	356.42	0 ANNUAL	TMA	5	
MINE	422930	5408423	0.06708	354.99	354.99	0 ANNUAL	TMA	5	
MINE	422730	5407023	0.04135	359	359	0 ANNUAL	TMA	5	
MINE	422730	5407223	0.044	363	363	0 ANNUAL	TMA	5	
MINE	422730	5407423	0.04691	366.78	366.78	0 ANNUAL	TMA	5	
MINE	422730	5407623	0.04995	360.44	360.44	0 ANNUAL	TMA	5	
MINE	422730	5407823	0.05342	358.92	358.92	0 ANNUAL	TMA	5	
MINE	422730	5408023	0.0573	357	357	0 ANNUAL	TMA	5	
MINE	422730	5408223	0.0617	356	356	0 ANNUAL	TMA	5	
MINE	422730	5408423	0.06661	354	354	0 ANNUAL	TMA	5	
MINE	422530	5407023	0.04124	358	358	0 ANNUAL	TMA	5	
MINE	422530	5407223	0.0438	359.17	359.17	0 ANNUAL	TMA	5	
MINE	422530	5407423	0.04671	363.71	363.71	0 ANNUAL	TMA	5	
MINE	422530	5407623	0.04973	360	360	0 ANNUAL	TMA	5	
MINE	422530	5407823	0.05313	358	358	0 ANNUAL	TMA	5	
MINE	422530	5408023	0.05696	357	357	0 ANNUAL	TMA	5	
MINE	422530	5408223	0.06124	355.64	355.64	0 ANNUAL	TMA	5	
MINE	422530	5408423	0.06611	354.8	354.8	0 ANNUAL	TMA	5	
MINE	422330	5407023	0.04112	357.42	357.42	0 ANNUAL	TMA	5	
MINE	422330	5407223	0.04366	359	359	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	422330	5407423	0.04647	361	361	0 ANNUAL	TMA	5	
MINE	422330	5407623	0.04947	359	359	0 ANNUAL	TMA	5	
MINE	422330	5407823	0.05282	358	358	0 ANNUAL	TMA	5	
MINE	422330	5408023	0.05652	356	356	0 ANNUAL	TMA	5	
MINE	422330	5408223	0.06065	354	354	0 ANNUAL	TMA	5	
MINE	422330	5408423	0.06534	352.76	352.76	0 ANNUAL	TMA	5	
MINE	422330	5414423	0.70699	380.97	380.97	0 ANNUAL	TMA	5	
MINE	422330	5414623	0.58077	382	382	0 ANNUAL	TMA	5	
MINE	422330	5414823	0.48678	383	383	0 ANNUAL	TMA	5	
MINE	422330	5415023	0.40721	387	387	0 ANNUAL	TMA	5	
MINE	422130	5407023	0.04096	357	357	0 ANNUAL	TMA	5	
MINE	422130	5407223	0.04347	358.98	358.98	0 ANNUAL	TMA	5	
MINE	422130	5407423	0.0462	360	360	0 ANNUAL	TMA	5	
MINE	422130	5407623	0.04917	359	359	0 ANNUAL	TMA	5	
MINE	422130	5407823	0.05245	358	358	0 ANNUAL	TMA	5	
MINE	422130	5408023	0.05607	356	356	0 ANNUAL	TMA	5	
MINE	422130	5408223	0.06011	354	354	0 ANNUAL	TMA	5	
MINE	422130	5408423	0.06467	352	352	0 ANNUAL	TMA	5	
MINE	422130	5414423	0.61627	388.19	388.19	0 ANNUAL	TMA	5	
MINE	422130	5414623	0.55457	380	380	0 ANNUAL	TMA	5	
MINE	422130	5414823	0.47029	380	380	0 ANNUAL	TMA	5	
MINE	422130	5415023	0.39381	385.88	385.88	0 ANNUAL	TMA	5	
MINE	421930	5407023	0.04073	356.18	356.18	0 ANNUAL	TMA	5	
MINE	421930	5407223	0.04321	358.81	358.81	0 ANNUAL	TMA	5	
MINE	421930	5407423	0.0459	360	360	0 ANNUAL	TMA	5	
MINE	421930	5407623	0.04884	360	360	0 ANNUAL	TMA	5	
MINE	421930	5407823	0.05204	358	358	0 ANNUAL	TMA	5	
MINE	421930	5408023	0.0556	356	356	0 ANNUAL	TMA	5	
MINE	421930	5408223	0.05954	353.02	353.02	0 ANNUAL	TMA	5	
MINE	421930	5408423	0.06402	351	351	0 ANNUAL	TMA	5	
MINE	421930	5414423	0.59115	385.74	385.74	0 ANNUAL	TMA	5	
MINE	421930	5414623	0.52063	379	379	0 ANNUAL	TMA	5	
MINE	421930	5414823	0.44371	380	380	0 ANNUAL	TMA	5	
MINE	421930	5415023	0.38102	382.79	382.79	0 ANNUAL	TMA	5	
MINE	421730	5407023	0.04052	357.06	357.06	0 ANNUAL	TMA	5	
MINE	421730	5407223	0.04296	360	360	0 ANNUAL	TMA	5	
MINE	421730	5407423	0.04558	360	360	0 ANNUAL	TMA	5	
MINE	421730	5407623	0.04848	360	360	0 ANNUAL	TMA	5	
MINE	421730	5407823	0.05162	357.39	357.39	0 ANNUAL	TMA	5	
MINE	421730	5408023	0.0551	354.66	354.66	0 ANNUAL	TMA	5	
MINE	421730	5408223	0.05905	353	353	0 ANNUAL	TMA	5	
MINE	421730	5408423	0.06348	351	351	0 ANNUAL	TMA	5	
MINE	421730	5414423	0.56035	382.01	382.01	0 ANNUAL	TMA	5	
MINE	421730	5414623	0.48267	379.16	379.16	0 ANNUAL	TMA	5	
MINE	421730	5414823	0.41719	378.8	378.8	0 ANNUAL	TMA	5	
MINE	421730	5415023	0.36252	381	381	0 ANNUAL	TMA	5	
MINE	421530	5407023	0.04032	357	357	0 ANNUAL	TMA	5	
MINE	421530	5407223	0.04272	359.79	359.79	0 ANNUAL	TMA	5	
MINE	421530	5407423	0.04531	360	360	0 ANNUAL	TMA	5	
MINE	421530	5407623	0.04817	360	360	0 ANNUAL	TMA	5	
MINE	421530	5407823	0.05124	356.51	356.51	0 ANNUAL	TMA	5	
MINE	421530	5408023	0.05464	352.98	352.98	0 ANNUAL	TMA	5	
MINE	421530	5408223	0.05848	350.7	350.7	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	421530	5408423	0.06284	349	349	0 ANNUAL	TMA	5	
MINE	421530	5414423	0.48172	388.41	388.41	0 ANNUAL	TMA	5	
MINE	421530	5414623	0.44204	380	380	0 ANNUAL	TMA	5	
MINE	421530	5414823	0.38853	377.68	377.68	0 ANNUAL	TMA	5	
MINE	421530	5415023	0.34096	380	380	0 ANNUAL	TMA	5	
MINE	421330	5407023	0.04014	354.93	354.93	0 ANNUAL	TMA	5	
MINE	421330	5407223	0.04248	356	356	0 ANNUAL	TMA	5	
MINE	421330	5407423	0.04502	356	356	0 ANNUAL	TMA	5	
MINE	421330	5407623	0.04781	355.08	355.08	0 ANNUAL	TMA	5	
MINE	421330	5407823	0.05086	353	353	0 ANNUAL	TMA	5	
MINE	421330	5408023	0.05419	350	350	0 ANNUAL	TMA	5	
MINE	421330	5408223	0.05798	348.2	348.2	0 ANNUAL	TMA	5	
MINE	421330	5408423	0.06227	347	347	0 ANNUAL	TMA	5	
MINE	421330	5408623	0.06701	345	345	0 ANNUAL	TMA	5	
MINE	421330	5414423	0.45436	382.81	382.81	0 ANNUAL	TMA	5	
MINE	421330	5414623	0.40379	379.05	379.05	0 ANNUAL	TMA	5	
MINE	421330	5414823	0.3586	377	377	0 ANNUAL	TMA	5	
MINE	421330	5415023	0.31764	380	380	0 ANNUAL	TMA	5	
MINE	421130	5407823	0.05052	349	349	0 ANNUAL	TMA	5	
MINE	421130	5408023	0.05394	348.68	348.68	0 ANNUAL	TMA	5	
MINE	421130	5408223	0.05766	347	347	0 ANNUAL	TMA	5	
MINE	421130	5408423	0.06177	345	345	0 ANNUAL	TMA	5	
MINE	421130	5408623	0.06642	344	344	0 ANNUAL	TMA	5	
MINE	421130	5414423	0.4142	377	377	0 ANNUAL	TMA	5	
MINE	421130	5414623	0.36778	376	376	0 ANNUAL	TMA	5	
MINE	421130	5414823	0.32636	380	380	0 ANNUAL	TMA	5	
MINE	421130	5415023	0.29487	379	379	0 ANNUAL	TMA	5	
MINE	420930	5407823	0.05032	347.66	347.66	0 ANNUAL	TMA	5	
MINE	420930	5408023	0.05364	346.67	346.67	0 ANNUAL	TMA	5	
MINE	420930	5408223	0.05725	345	345	0 ANNUAL	TMA	5	
MINE	420930	5408423	0.06129	344	344	0 ANNUAL	TMA	5	
MINE	420930	5408623	0.06577	343	343	0 ANNUAL	TMA	5	
MINE	420930	5414423	0.36879	375	375	0 ANNUAL	TMA	5	
MINE	420930	5414623	0.33064	376.68	376.68	0 ANNUAL	TMA	5	
MINE	420930	5414823	0.29563	381.83	381.83	0 ANNUAL	TMA	5	
MINE	420930	5415023	0.26824	383	383	0 ANNUAL	TMA	5	
MINE	420730	5407823	0.04996	346	346	0 ANNUAL	TMA	5	
MINE	420730	5408023	0.05318	345	345	0 ANNUAL	TMA	5	
MINE	420730	5408223	0.0567	344	344	0 ANNUAL	TMA	5	
MINE	420730	5408423	0.06058	343	343	0 ANNUAL	TMA	5	
MINE	420730	5408623	0.06498	343	343	0 ANNUAL	TMA	5	
MINE	420730	5413623	0.52379	378.28	378.28	0 ANNUAL	TMA	5	
MINE	420730	5413823	0.44815	380	380	0 ANNUAL	TMA	5	
MINE	420730	5414023	0.39634	380	380	0 ANNUAL	TMA	5	
MINE	420730	5414223	0.35863	377.28	377.28	0 ANNUAL	TMA	5	
MINE	420730	5414423	0.32574	375.08	375.08	0 ANNUAL	TMA	5	
MINE	420730	5414623	0.2941	379.56	379.56	0 ANNUAL	TMA	5	
MINE	420730	5414823	0.26535	384	384	0 ANNUAL	TMA	5	
MINE	420730	5415023	0.24412	383.98	383.98	0 ANNUAL	TMA	5	
MINE	420530	5408023	0.05248	344	344	0 ANNUAL	TMA	5	
MINE	420530	5408223	0.05584	342.9	342.9	0 ANNUAL	TMA	5	
MINE	420530	5408423	0.05964	343	343	0 ANNUAL	TMA	5	
MINE	420530	5408623	0.06411	345.49	345.49	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	420530	5408823	0.06917	348	348	0 ANNUAL	TMA	5	
MINE	420530	5409023	0.07479	349	349	0 ANNUAL	TMA	5	
MINE	420530	5409223	0.08128	350.3	350.3	0 ANNUAL	TMA	5	
MINE	420530	5409423	0.08909	353.94	353.94	0 ANNUAL	TMA	5	
MINE	420530	5413623	0.42376	380	380	0 ANNUAL	TMA	5	
MINE	420530	5413823	0.3755	380.11	380.11	0 ANNUAL	TMA	5	
MINE	420530	5414023	0.33996	379	379	0 ANNUAL	TMA	5	
MINE	420530	5414223	0.30905	380	380	0 ANNUAL	TMA	5	
MINE	420530	5414423	0.28655	375.64	375.64	0 ANNUAL	TMA	5	
MINE	420530	5414623	0.26195	380.11	380.11	0 ANNUAL	TMA	5	
MINE	420530	5414823	0.24101	382	382	0 ANNUAL	TMA	5	
MINE	420530	5415023	0.22449	380.3	380.3	0 ANNUAL	TMA	5	
MINE	420330	5408823	0.06764	348	348	0 ANNUAL	TMA	5	
MINE	420330	5409023	0.07305	349	349	0 ANNUAL	TMA	5	
MINE	420330	5409223	0.07934	351	351	0 ANNUAL	TMA	5	
MINE	420330	5409423	0.08673	354	354	0 ANNUAL	TMA	5	
MINE	420330	5413623	0.34654	380	380	0 ANNUAL	TMA	5	
MINE	420330	5413823	0.31546	380	380	0 ANNUAL	TMA	5	
MINE	420330	5414023	0.29	380	380	0 ANNUAL	TMA	5	
MINE	420330	5414223	0.26905	379.52	379.52	0 ANNUAL	TMA	5	
MINE	420330	5414423	0.25299	373.32	373.32	0 ANNUAL	TMA	5	
MINE	420330	5414623	0.23444	378.31	378.31	0 ANNUAL	TMA	5	
MINE	420330	5414823	0.21831	380	380	0 ANNUAL	TMA	5	
MINE	420330	5415023	0.2042	379.88	379.88	0 ANNUAL	TMA	5	
MINE	420130	5407023	0.0384	346	346	0 ANNUAL	TMA	5	
MINE	420130	5408823	0.06595	348	348	0 ANNUAL	TMA	5	
MINE	420130	5409023	0.07113	349	349	0 ANNUAL	TMA	5	
MINE	420130	5409223	0.07705	350.06	350.06	0 ANNUAL	TMA	5	
MINE	420130	5409423	0.08408	353	353	0 ANNUAL	TMA	5	
MINE	420130	5413623	0.28454	380	380	0 ANNUAL	TMA	5	
MINE	420130	5413823	0.26562	380	380	0 ANNUAL	TMA	5	
MINE	420130	5414023	0.24876	380	380	0 ANNUAL	TMA	5	
MINE	420130	5414223	0.23445	379	379	0 ANNUAL	TMA	5	
MINE	420130	5414423	0.22254	374.12	374.12	0 ANNUAL	TMA	5	
MINE	420130	5414623	0.2101	373	373	0 ANNUAL	TMA	5	
MINE	420130	5414823	0.19789	374.98	374.98	0 ANNUAL	TMA	5	
MINE	420130	5415023	0.18659	375	375	0 ANNUAL	TMA	5	
MINE	420130	5415523	0.16057	379	379	0 ANNUAL	TMA	5	
MINE	420130	5416023	0.13841	382	382	0 ANNUAL	TMA	5	
MINE	420130	5416523	0.12056	379.22	379.22	0 ANNUAL	TMA	5	
MINE	420130	5417023	0.10561	381.82	381.82	0 ANNUAL	TMA	5	
MINE	420630	5415523	0.19463	380	380	0 ANNUAL	TMA	5	
MINE	420630	5416023	0.16077	385	385	0 ANNUAL	TMA	5	
MINE	420630	5416523	0.12641	401.03	401.03	0 ANNUAL	TMA	5	
MINE	420630	5417023	0.11165	398.57	398.57	0 ANNUAL	TMA	5	
MINE	421130	5415523	0.22318	390	390	0 ANNUAL	TMA	5	
MINE	421130	5416023	0.17768	394.24	394.24	0 ANNUAL	TMA	5	
MINE	421130	5416523	0.14494	398	398	0 ANNUAL	TMA	5	
MINE	421130	5417023	0.12418	396.4	396.4	0 ANNUAL	TMA	5	
MINE	421630	5415523	0.26349	383	383	0 ANNUAL	TMA	5	
MINE	421630	5416023	0.20331	389.02	389.02	0 ANNUAL	TMA	5	
MINE	421630	5416523	0.15438	400	400	0 ANNUAL	TMA	5	
MINE	421630	5417023	0.13234	396.05	396.05	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	422130	5415523	0.28509	387.26	387.26	0 ANNUAL	TMA	5	
MINE	422130	5416023	0.21486	390	390	0 ANNUAL	TMA	5	
MINE	422130	5416523	0.16671	395.11	395.11	0 ANNUAL	TMA	5	
MINE	422130	5417023	0.13376	399.02	399.02	0 ANNUAL	TMA	5	
MINE	422630	5415523	0.27525	396.51	396.51	0 ANNUAL	TMA	5	
MINE	422630	5416023	0.21554	393.38	393.38	0 ANNUAL	TMA	5	
MINE	422630	5416523	0.14498	410	410	0 ANNUAL	TMA	5	
MINE	422630	5417023	0.12544	406.54	406.54	0 ANNUAL	TMA	5	
MINE	423130	5415523	0.26243	397.95	397.95	0 ANNUAL	TMA	5	
MINE	423130	5416023	0.20198	399	399	0 ANNUAL	TMA	5	
MINE	423130	5416523	0.16078	400	400	0 ANNUAL	TMA	5	
MINE	423130	5417023	0.12018	410	410	0 ANNUAL	TMA	5	
MINE	423630	5415523	0.23288	399.47	399.47	0 ANNUAL	TMA	5	
MINE	423630	5416023	0.19804	393.25	393.25	0 ANNUAL	TMA	5	
MINE	423630	5416523	0.16125	393	393	0 ANNUAL	TMA	5	
MINE	423630	5417023	0.13639	387	387	0 ANNUAL	TMA	5	
MINE	424130	5415523	0.19486	401	401	0 ANNUAL	TMA	5	
MINE	424130	5416023	0.17936	390.35	390.35	0 ANNUAL	TMA	5	
MINE	424130	5416523	0.15438	380	380	0 ANNUAL	TMA	5	
MINE	424130	5417023	0.13023	375.19	375.19	0 ANNUAL	TMA	5	
MINE	424630	5415523	0.18061	384.17	384.17	0 ANNUAL	TMA	5	
MINE	424630	5416023	0.1571	382.4	382.4	0 ANNUAL	TMA	5	
MINE	424630	5416523	0.13743	374	374	0 ANNUAL	TMA	5	
MINE	424630	5417023	0.11908	376.51	376.51	0 ANNUAL	TMA	5	
MINE	425130	5415523	0.14776	377	377	0 ANNUAL	TMA	5	
MINE	425130	5416023	0.13123	379.13	379.13	0 ANNUAL	TMA	5	
MINE	425130	5416523	0.11783	378	378	0 ANNUAL	TMA	5	
MINE	425130	5417023	0.10574	375	375	0 ANNUAL	TMA	5	
MINE	425630	5415523	0.11972	377	377	0 ANNUAL	TMA	5	
MINE	425630	5416023	0.10952	377	377	0 ANNUAL	TMA	5	
MINE	425630	5416523	0.10044	376.72	376.72	0 ANNUAL	TMA	5	
MINE	425630	5417023	0.0922	378.99	378.99	0 ANNUAL	TMA	5	
MINE	426130	5415523	0.09647	380	380	0 ANNUAL	TMA	5	
MINE	426130	5416023	0.09085	378	378	0 ANNUAL	TMA	5	
MINE	426130	5416523	0.08468	380	380	0 ANNUAL	TMA	5	
MINE	426130	5417023	0.07929	380	380	0 ANNUAL	TMA	5	
MINE	426630	5415523	0.0778	389	389	0 ANNUAL	TMA	5	
MINE	426630	5416023	0.07496	382	382	0 ANNUAL	TMA	5	
MINE	426630	5416523	0.07151	380	380	0 ANNUAL	TMA	5	
MINE	426630	5417023	0.06799	378	378	0 ANNUAL	TMA	5	
MINE	427130	5415523	0.0661	386	386	0 ANNUAL	TMA	5	
MINE	427130	5416023	0.06292	385.29	385.29	0 ANNUAL	TMA	5	
MINE	427130	5416523	0.06077	380	380	0 ANNUAL	TMA	5	
MINE	427130	5417023	0.05809	380	380	0 ANNUAL	TMA	5	
MINE	427630	5415523	0.05744	380	380	0 ANNUAL	TMA	5	
MINE	427630	5416023	0.05461	380	380	0 ANNUAL	TMA	5	
MINE	427630	5416523	0.05225	381	381	0 ANNUAL	TMA	5	
MINE	427630	5417023	0.0504	380	380	0 ANNUAL	TMA	5	
MINE	428130	5415523	0.05041	380	380	0 ANNUAL	TMA	5	
MINE	428130	5416023	0.04788	377	377	0 ANNUAL	TMA	5	
MINE	428130	5416523	0.04597	376	376	0 ANNUAL	TMA	5	
MINE	428130	5417023	0.04425	377	377	0 ANNUAL	TMA	5	
MINE	428630	5415523	0.0452	376	376	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	428630	5416023	0.04252	375	375	0 ANNUAL	TMA	5	
MINE	428630	5416523	0.04081	375	375	0 ANNUAL	TMA	5	
MINE	428630	5417023	0.03917	379	379	0 ANNUAL	TMA	5	
MINE	429130	5416023	0.03834	373	373	0 ANNUAL	TMA	5	
MINE	429130	5416523	0.03667	373	373	0 ANNUAL	TMA	5	
MINE	429130	5417023	0.03537	374	374	0 ANNUAL	TMA	5	
MINE	429630	5416023	0.03445	377.96	377.96	0 ANNUAL	TMA	5	
MINE	429630	5416523	0.03316	372	372	0 ANNUAL	TMA	5	
MINE	429630	5417023	0.03204	372	372	0 ANNUAL	TMA	5	
MINE	430130	5416023	0.03105	388.36	400	0 ANNUAL	TMA	5	
MINE	430130	5416523	0.02998	378	411	0 ANNUAL	TMA	5	
MINE	430130	5417023	0.02916	373.81	373.81	0 ANNUAL	TMA	5	
MINE	430630	5416023	0.02909	375	375	0 ANNUAL	TMA	5	
MINE	430630	5416523	0.02722	385.95	411	0 ANNUAL	TMA	5	
MINE	430630	5417023	0.02621	391.87	391.87	0 ANNUAL	TMA	5	
MINE	431130	5416023	0.0269	378	378	0 ANNUAL	TMA	5	
MINE	431130	5416523	0.02482	392	392	0 ANNUAL	TMA	5	
MINE	431130	5417023	0.02428	387.63	402	0 ANNUAL	TMA	5	
MINE	431630	5415523	0.02692	379.96	379.96	0 ANNUAL	TMA	5	
MINE	431630	5416023	0.02488	389.07	389.07	0 ANNUAL	TMA	5	
MINE	431630	5416523	0.02354	376.44	376.44	0 ANNUAL	TMA	5	
MINE	431630	5417023	0.02226	392.08	392.08	0 ANNUAL	TMA	5	
MINE	432130	5415523	0.02517	381	381	0 ANNUAL	TMA	5	
MINE	432130	5416023	0.02353	380	380	0 ANNUAL	TMA	5	
MINE	432130	5416523	0.02158	393.08	393.08	0 ANNUAL	TMA	5	
MINE	432130	5417023	0.02116	373	400	0 ANNUAL	TMA	5	
MINE	432630	5415523	0.02263	407.92	409	0 ANNUAL	TMA	5	
MINE	432630	5416023	0.02197	389.44	421	0 ANNUAL	TMA	5	
MINE	432630	5416523	0.02069	377	377	0 ANNUAL	TMA	5	
MINE	432630	5417023	0.01948	381.97	381.97	0 ANNUAL	TMA	5	
MINE	433130	5415523	0.02141	408.19	408.19	0 ANNUAL	TMA	5	
MINE	433130	5416023	0.01902	420.05	431	0 ANNUAL	TMA	5	
MINE	433130	5416523	0.01935	388.33	440	0 ANNUAL	TMA	5	
MINE	433130	5417023	0.01858	373	373	0 ANNUAL	TMA	5	
MINE	431630	5415023	0.02882	376	376	0 ANNUAL	TMA	5	
MINE	431630	5414523	0.03066	379	379	0 ANNUAL	TMA	5	
MINE	431630	5414023	0.03211	378.4	378.4	0 ANNUAL	TMA	5	
MINE	431630	5413523	0.03361	378	378	0 ANNUAL	TMA	5	
MINE	431630	5413023	0.03476	375	375	0 ANNUAL	TMA	5	
MINE	431630	5412023	0.03317	382	382	0 ANNUAL	TMA	5	
MINE	431630	5411523	0.03211	382	382	0 ANNUAL	TMA	5	
MINE	431630	5411023	0.03174	380	380	0 ANNUAL	TMA	5	
MINE	431630	5410023	0.03085	383.9	383.9	0 ANNUAL	TMA	5	
MINE	431630	5409523	0.03031	381	381	0 ANNUAL	TMA	5	
MINE	431630	5409023	0.02962	366.01	366.01	0 ANNUAL	TMA	5	
MINE	431630	5408523	0.02856	361	361	0 ANNUAL	TMA	5	
MINE	431630	5408023	0.02726	363	363	0 ANNUAL	TMA	5	
MINE	431630	5407523	0.0258	369	369	0 ANNUAL	TMA	5	
MINE	431630	5407023	0.02416	378.31	378.31	0 ANNUAL	TMA	5	
MINE	431630	5406523	0.02247	377	377	0 ANNUAL	TMA	5	
MINE	431630	5406023	0.02087	372.49	372.49	0 ANNUAL	TMA	5	
MINE	431630	5405523	0.01951	367	367	0 ANNUAL	TMA	5	
MINE	431630	5405023	0.01844	369	369	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	431630	5404523	0.01759	370.02	370.02	0 ANNUAL	TMA	5	
MINE	431630	5404023	0.01687	367	367	0 ANNUAL	TMA	5	
MINE	431630	5403523	0.01622	369.7	382	0 ANNUAL	TMA	5	
MINE	431630	5403023	0.01559	365	365	0 ANNUAL	TMA	5	
MINE	431630	5402523	0.01497	360	360	0 ANNUAL	TMA	5	
MINE	431630	5402023	0.01437	358.21	358.21	0 ANNUAL	TMA	5	
MINE	432130	5415023	0.02685	380	380	0 ANNUAL	TMA	5	
MINE	432130	5414523	0.02832	381	381	0 ANNUAL	TMA	5	
MINE	432130	5414023	0.02957	376.05	376.05	0 ANNUAL	TMA	5	
MINE	432130	5413523	0.03099	376.44	376.44	0 ANNUAL	TMA	5	
MINE	432130	5413023	0.03199	378	378	0 ANNUAL	TMA	5	
MINE	432130	5412523	0.03167	374	374	0 ANNUAL	TMA	5	
MINE	432130	5412023	0.03055	376.57	376.57	0 ANNUAL	TMA	5	
MINE	432130	5411523	0.02959	375.96	375.96	0 ANNUAL	TMA	5	
MINE	432130	5411023	0.02926	373.18	373.18	0 ANNUAL	TMA	5	
MINE	432130	5410523	0.02899	370	370	0 ANNUAL	TMA	5	
MINE	432130	5410023	0.02862	370.42	370.42	0 ANNUAL	TMA	5	
MINE	432130	5409523	0.02805	371.86	371.86	0 ANNUAL	TMA	5	
MINE	432130	5409023	0.02745	371	371	0 ANNUAL	TMA	5	
MINE	432130	5408523	0.02667	362	362	0 ANNUAL	TMA	5	
MINE	432130	5408023	0.02569	370	370	0 ANNUAL	TMA	5	
MINE	432130	5407523	0.02446	372	372	0 ANNUAL	TMA	5	
MINE	432130	5407023	0.02311	376	376	0 ANNUAL	TMA	5	
MINE	432130	5406523	0.02166	373	373	0 ANNUAL	TMA	5	
MINE	432130	5406023	0.02021	369.31	369.31	0 ANNUAL	TMA	5	
MINE	432130	5405523	0.01883	369	369	0 ANNUAL	TMA	5	
MINE	432130	5405023	0.01757	375.42	375.42	0 ANNUAL	TMA	5	
MINE	432130	5404523	0.01664	376.61	376.61	0 ANNUAL	TMA	5	
MINE	432130	5404023	0.01598	375	377	0 ANNUAL	TMA	5	
MINE	432130	5403523	0.01543	366.89	366.89	0 ANNUAL	TMA	5	
MINE	432130	5403023	0.01488	368	368	0 ANNUAL	TMA	5	
MINE	432130	5402523	0.01433	359.64	359.64	0 ANNUAL	TMA	5	
MINE	432130	5402023	0.01383	373.53	373.53	0 ANNUAL	TMA	5	
MINE	432630	5415023	0.02455	401.58	401.58	0 ANNUAL	TMA	5	
MINE	432630	5414523	0.0261	388.61	398	0 ANNUAL	TMA	5	
MINE	432630	5414023	0.0273	378.54	378.54	0 ANNUAL	TMA	5	
MINE	432630	5413523	0.02868	379.82	379.82	0 ANNUAL	TMA	5	
MINE	432630	5413023	0.02956	380	380	0 ANNUAL	TMA	5	
MINE	432630	5412523	0.02927	378	378	0 ANNUAL	TMA	5	
MINE	432630	5412023	0.02812	380	380	0 ANNUAL	TMA	5	
MINE	432630	5411523	0.02718	378.87	378.87	0 ANNUAL	TMA	5	
MINE	432630	5411023	0.02682	379	379	0 ANNUAL	TMA	5	
MINE	432630	5410523	0.02667	375	375	0 ANNUAL	TMA	5	
MINE	432630	5410023	0.02646	372	372	0 ANNUAL	TMA	5	
MINE	432630	5409523	0.02598	374.92	374.92	0 ANNUAL	TMA	5	
MINE	432630	5409023	0.02549	368.66	368.66	0 ANNUAL	TMA	5	
MINE	432630	5408523	0.02492	369.05	369.05	0 ANNUAL	TMA	5	
MINE	432630	5408023	0.02416	370	370	0 ANNUAL	TMA	5	
MINE	432630	5407523	0.02319	370	370	0 ANNUAL	TMA	5	
MINE	432630	5407023	0.02205	372	372	0 ANNUAL	TMA	5	
MINE	432630	5406523	0.02082	377.4	377.4	0 ANNUAL	TMA	5	
MINE	432630	5406023	0.01952	378	378	0 ANNUAL	TMA	5	
MINE	432630	5405523	0.01823	374.78	374.78	0 ANNUAL	TMA	5	



Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	432630	5405023	0.01697	379.88	379.88	0 ANNUAL	TMA	5	
MINE	432630	5404523	0.01579	390	390	0 ANNUAL	TMA	5	
MINE	432630	5404023	0.01519	376.66	376.66	0 ANNUAL	TMA	5	
MINE	432630	5403523	0.01469	368.08	368.08	0 ANNUAL	TMA	5	
MINE	432630	5403023	0.01417	365.22	365.22	0 ANNUAL	TMA	5	
MINE	432630	5402523	0.01369	362.08	362.08	0 ANNUAL	TMA	5	
MINE	432630	5402023	0.01325	372	372	0 ANNUAL	TMA	5	
MINE	433130	5415023	0.02287	404.73	404.73	0 ANNUAL	TMA	5	
MINE	433130	5414523	0.02431	381.51	381.51	0 ANNUAL	TMA	5	
MINE	433130	5414023	0.02541	374.67	374.67	0 ANNUAL	TMA	5	
MINE	433130	5413523	0.02668	376.92	376.92	0 ANNUAL	TMA	5	
MINE	433130	5413023	0.02742	380	380	0 ANNUAL	TMA	5	
MINE	433130	5412523	0.0271	376.78	391	0 ANNUAL	TMA	5	
MINE	433130	5412023	0.02602	381.37	381.37	0 ANNUAL	TMA	5	
MINE	433130	5411523	0.02513	380	380	0 ANNUAL	TMA	5	
MINE	433130	5411023	0.02476	381.98	381.98	0 ANNUAL	TMA	5	
MINE	433130	5410523	0.02463	379	379	0 ANNUAL	TMA	5	
MINE	433130	5410023	0.02451	376.36	376.36	0 ANNUAL	TMA	5	
MINE	433130	5409523	0.0242	373.38	373.38	0 ANNUAL	TMA	5	
MINE	433130	5409023	0.02373	367	367	0 ANNUAL	TMA	5	
MINE	433130	5408523	0.02325	366	366	0 ANNUAL	TMA	5	
MINE	433130	5408023	0.0227	368	368	0 ANNUAL	TMA	5	
MINE	433130	5407523	0.02195	370	370	0 ANNUAL	TMA	5	
MINE	433130	5407023	0.02103	374.55	374.55	0 ANNUAL	TMA	5	
MINE	433130	5406523	0.01996	380	380	0 ANNUAL	TMA	5	
MINE	433130	5406023	0.01884	379	379	0 ANNUAL	TMA	5	
MINE	433130	5405523	0.01768	381.05	381.05	0 ANNUAL	TMA	5	
MINE	433130	5405023	0.01649	389	389	0 ANNUAL	TMA	5	
MINE	433130	5404523	0.01541	387.03	387.03	0 ANNUAL	TMA	5	
MINE	433130	5404023	0.01455	380.92	380.92	0 ANNUAL	TMA	5	
MINE	433130	5403523	0.01404	369	369	0 ANNUAL	TMA	5	
MINE	433130	5403023	0.01351	369.97	369.97	0 ANNUAL	TMA	5	
MINE	433130	5402523	0.01307	370	370	0 ANNUAL	TMA	5	
MINE	433130	5402023	0.01265	381	381	0 ANNUAL	TMA	5	
MINE	431130	5403523	0.01702	367	367	0 ANNUAL	TMA	5	
MINE	431130	5403023	0.01627	360.84	360.84	0 ANNUAL	TMA	5	
MINE	431130	5402523	0.01558	365.9	365.9	0 ANNUAL	TMA	5	
MINE	431130	5402023	0.01486	360	360	0 ANNUAL	TMA	5	
MINE	430630	5403523	0.01777	361	361	0 ANNUAL	TMA	5	
MINE	430630	5403023	0.01693	364	364	0 ANNUAL	TMA	5	
MINE	430630	5402523	0.01611	364.18	364.18	0 ANNUAL	TMA	5	
MINE	430630	5402023	0.0153	360	360	0 ANNUAL	TMA	5	
MINE	430130	5403523	0.0185	367	367	0 ANNUAL	TMA	5	
MINE	430130	5403023	0.01755	370	370	0 ANNUAL	TMA	5	
MINE	430130	5402523	0.01661	365.58	365.58	0 ANNUAL	TMA	5	
MINE	430130	5402023	0.01567	360	360	0 ANNUAL	TMA	5	
MINE	429630	5403523	0.01919	370	370	0 ANNUAL	TMA	5	
MINE	429630	5403023	0.0181	368.94	368.94	0 ANNUAL	TMA	5	
MINE	429630	5402523	0.01702	366	366	0 ANNUAL	TMA	5	
MINE	429630	5402023	0.01596	362	362	0 ANNUAL	TMA	5	
MINE	429130	5403523	0.0198	369	369	0 ANNUAL	TMA	5	
MINE	429130	5403023	0.01852	367	367	0 ANNUAL	TMA	5	
MINE	429130	5402523	0.01728	364	364	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	429130	5402023	0.01612	364	364	0 ANNUAL	TMA	5	
MINE	428630	5403523	0.02023	368	368	0 ANNUAL	TMA	5	
MINE	428630	5403023	0.01878	368	368	0 ANNUAL	TMA	5	
MINE	428630	5402523	0.01742	368	368	0 ANNUAL	TMA	5	
MINE	428630	5402023	0.01617	366.82	366.82	0 ANNUAL	TMA	5	
MINE	428130	5403523	0.02045	369	369	0 ANNUAL	TMA	5	
MINE	428130	5403023	0.01886	370.46	370.46	0 ANNUAL	TMA	5	
MINE	428130	5402523	0.01741	371	371	0 ANNUAL	TMA	5	
MINE	428130	5402023	0.01612	370	370	0 ANNUAL	TMA	5	
MINE	427630	5403523	0.02049	368	368	0 ANNUAL	TMA	5	
MINE	427630	5403023	0.01881	371	371	0 ANNUAL	TMA	5	
MINE	427630	5402523	0.01732	375	375	0 ANNUAL	TMA	5	
MINE	427630	5402023	0.01601	375.58	375.58	0 ANNUAL	TMA	5	
MINE	427130	5403523	0.02042	368	368	0 ANNUAL	TMA	5	
MINE	427130	5403023	0.0187	372	372	0 ANNUAL	TMA	5	
MINE	427130	5402523	0.01721	375	375	0 ANNUAL	TMA	5	
MINE	427130	5402023	0.01588	378	378	0 ANNUAL	TMA	5	
MINE	426630	5403523	0.02027	366	366	0 ANNUAL	TMA	5	
MINE	426630	5403023	0.01852	377.23	377.23	0 ANNUAL	TMA	5	
MINE	426630	5402523	0.01701	379	379	0 ANNUAL	TMA	5	
MINE	426630	5402023	0.01569	376	376	0 ANNUAL	TMA	5	
MINE	426130	5403523	0.02009	366.78	366.78	0 ANNUAL	TMA	5	
MINE	426130	5403023	0.01817	389.9	389.9	0 ANNUAL	TMA	5	
MINE	426130	5402523	0.01681	378.72	378.72	0 ANNUAL	TMA	5	
MINE	426130	5402023	0.01549	377	377	0 ANNUAL	TMA	5	
MINE	425630	5403523	0.01983	368.19	368.19	0 ANNUAL	TMA	5	
MINE	425630	5403023	0.0181	371	371	0 ANNUAL	TMA	5	
MINE	425630	5402523	0.01658	378	378	0 ANNUAL	TMA	5	
MINE	425630	5402023	0.01528	376	376	0 ANNUAL	TMA	5	
MINE	425130	5403523	0.01944	368.04	368.04	0 ANNUAL	TMA	5	
MINE	425130	5403023	0.0177	375	375	0 ANNUAL	TMA	5	
MINE	425130	5402523	0.01623	377	377	0 ANNUAL	TMA	5	
MINE	425130	5402023	0.01489	384.6	384.6	0 ANNUAL	TMA	5	
MINE	424630	5403523	0.01901	369.33	369.33	0 ANNUAL	TMA	5	
MINE	424630	5403023	0.01723	379.99	379.99	0 ANNUAL	TMA	5	
MINE	424630	5402523	0.01582	380	380	0 ANNUAL	TMA	5	
MINE	424630	5402023	0.01461	379	379	0 ANNUAL	TMA	5	
MINE	424130	5403523	0.01867	365.91	365.91	0 ANNUAL	TMA	5	
MINE	424130	5403023	0.01709	371	371	0 ANNUAL	TMA	5	
MINE	424130	5402523	0.01556	381	381	0 ANNUAL	TMA	5	
MINE	424130	5402023	0.0144	378.03	378.03	0 ANNUAL	TMA	5	
MINE	423630	5403523	0.01851	363.92	363.92	0 ANNUAL	TMA	5	
MINE	423630	5403023	0.01688	375	375	0 ANNUAL	TMA	5	
MINE	423630	5402523	0.01546	379	379	0 ANNUAL	TMA	5	
MINE	423630	5402023	0.01432	377	377	0 ANNUAL	TMA	5	
MINE	423130	5403523	0.01858	369	369	0 ANNUAL	TMA	5	
MINE	423130	5403023	0.01692	376	376	0 ANNUAL	TMA	5	
MINE	423130	5402523	0.01552	380	380	0 ANNUAL	TMA	5	
MINE	423130	5402023	0.01439	375	375	0 ANNUAL	TMA	5	
MINE	422630	5403523	0.01872	371	371	0 ANNUAL	TMA	5	
MINE	422630	5403023	0.01706	377	377	0 ANNUAL	TMA	5	
MINE	422630	5402523	0.01576	373.78	373.78	0 ANNUAL	TMA	5	
MINE	422630	5402023	0.01457	374	374	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	422130	5403523	0.01886	361	361	0 ANNUAL	TMA	5	
MINE	422130	5403023	0.01735	371	371	0 ANNUAL	TMA	5	
MINE	422130	5402523	0.01601	370	370	0 ANNUAL	TMA	5	
MINE	422130	5402023	0.01481	371	371	0 ANNUAL	TMA	5	
MINE	421630	5403523	0.01907	358.11	358.11	0 ANNUAL	TMA	5	
MINE	421630	5403023	0.01761	366.93	366.93	0 ANNUAL	TMA	5	
MINE	421630	5402523	0.01624	361	361	0 ANNUAL	TMA	5	
MINE	421630	5402023	0.0151	367.71	367.71	0 ANNUAL	TMA	5	
MINE	421130	5403523	0.01928	360	360	0 ANNUAL	TMA	5	
MINE	421130	5403023	0.01776	359	359	0 ANNUAL	TMA	5	
MINE	421130	5402523	0.01644	359	359	0 ANNUAL	TMA	5	
MINE	421130	5402023	0.01529	363.14	363.14	0 ANNUAL	TMA	5	
MINE	420630	5403523	0.01934	359	359	0 ANNUAL	TMA	5	
MINE	420630	5403023	0.01784	357	357	0 ANNUAL	TMA	5	
MINE	420630	5402523	0.01653	357.89	357.89	0 ANNUAL	TMA	5	
MINE	420630	5402023	0.01538	361	361	0 ANNUAL	TMA	5	
MINE	420130	5403523	0.01909	354.46	354.46	0 ANNUAL	TMA	5	
MINE	420130	5403023	0.01768	354	354	0 ANNUAL	TMA	5	
MINE	420130	5402523	0.01646	358	358	0 ANNUAL	TMA	5	
MINE	420130	5402023	0.01535	360	360	0 ANNUAL	TMA	5	
MINE	419630	5403523	0.01855	353	353	0 ANNUAL	TMA	5	
MINE	419630	5403023	0.01722	354	354	0 ANNUAL	TMA	5	
MINE	419630	5402523	0.01606	354.37	354.37	0 ANNUAL	TMA	5	
MINE	419630	5402023	0.01503	356	356	0 ANNUAL	TMA	5	
MINE	419130	5403523	0.01797	360	360	0 ANNUAL	TMA	5	
MINE	419130	5403023	0.01667	358	358	0 ANNUAL	TMA	5	
MINE	419130	5402523	0.01555	358	358	0 ANNUAL	TMA	5	
MINE	419130	5402023	0.01455	357	357	0 ANNUAL	TMA	5	
MINE	418630	5403523	0.0173	348.98	348.98	0 ANNUAL	TMA	5	
MINE	418630	5403023	0.01612	356.06	356.06	0 ANNUAL	TMA	5	
MINE	418630	5402523	0.0151	370.29	380	0 ANNUAL	TMA	5	
MINE	418630	5402023	0.01409	359	359	0 ANNUAL	TMA	5	
MINE	418130	5403523	0.01681	347	347	0 ANNUAL	TMA	5	
MINE	418130	5403023	0.01569	360	360	0 ANNUAL	TMA	5	
MINE	418130	5402523	0.01461	358.42	358.42	0 ANNUAL	TMA	5	
MINE	418130	5402023	0.01364	352	352	0 ANNUAL	TMA	5	
MINE	419630	5404023	0.02006	352	352	0 ANNUAL	TMA	5	
MINE	419630	5404523	0.0218	350	350	0 ANNUAL	TMA	5	
MINE	419630	5405023	0.02384	349	349	0 ANNUAL	TMA	5	
MINE	419630	5405523	0.02636	354	354	0 ANNUAL	TMA	5	
MINE	419630	5406523	0.03269	349	349	0 ANNUAL	TMA	5	
MINE	419630	5407023	0.03677	347	347	0 ANNUAL	TMA	5	
MINE	419630	5408023	0.04758	342	342	0 ANNUAL	TMA	5	
MINE	419630	5408523	0.05579	346.05	346.05	0 ANNUAL	TMA	5	
MINE	419630	5409023	0.06647	348.11	348.11	0 ANNUAL	TMA	5	
MINE	419630	5409523	0.08087	351.75	351.75	0 ANNUAL	TMA	5	
MINE	419630	5410023	0.09999	356.29	356.29	0 ANNUAL	TMA	5	
MINE	419630	5410523	0.12656	359	359	0 ANNUAL	TMA	5	
MINE	419630	5411023	0.15912	357	357	0 ANNUAL	TMA	5	
MINE	419630	5413523	0.1836	378.38	378.38	0 ANNUAL	TMA	5	
MINE	419630	5414023	0.17267	370	370	0 ANNUAL	TMA	5	
MINE	419630	5414523	0.15879	376.31	376.31	0 ANNUAL	TMA	5	
MINE	419630	5415023	0.14554	378	378	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	419630	5415523	0.12975	385.5	385.5	0 ANNUAL	TMA	5	
MINE	419630	5416023	0.11472	390.01	390.01	0 ANNUAL	TMA	5	
MINE	419630	5416523	0.10407	384.1	384.1	0 ANNUAL	TMA	5	
MINE	419630	5417023	0.09352	376.55	376.55	0 ANNUAL	TMA	5	
MINE	419130	5404023	0.01941	357.06	357.06	0 ANNUAL	TMA	5	
MINE	419130	5404523	0.02107	353	353	0 ANNUAL	TMA	5	
MINE	419130	5405023	0.02298	347	347	0 ANNUAL	TMA	5	
MINE	419130	5405523	0.02543	352	352	0 ANNUAL	TMA	5	
MINE	419130	5406023	0.02816	349	349	0 ANNUAL	TMA	5	
MINE	419130	5406523	0.03135	348	348	0 ANNUAL	TMA	5	
MINE	419130	5407023	0.03505	346	346	0 ANNUAL	TMA	5	
MINE	419130	5407523	0.03959	343.96	343.96	0 ANNUAL	TMA	5	
MINE	419130	5408023	0.04527	341.37	341.37	0 ANNUAL	TMA	5	
MINE	419130	5408523	0.05276	345.22	345.22	0 ANNUAL	TMA	5	
MINE	419130	5409023	0.062	347	347	0 ANNUAL	TMA	5	
MINE	419130	5409523	0.07367	349	349	0 ANNUAL	TMA	5	
MINE	419130	5410023	0.08869	350	350	0 ANNUAL	TMA	5	
MINE	419130	5410523	0.10744	351	351	0 ANNUAL	TMA	5	
MINE	419130	5411023	0.12631	355	355	0 ANNUAL	TMA	5	
MINE	419130	5413523	0.12695	371.92	371.92	0 ANNUAL	TMA	5	
MINE	419130	5414023	0.12247	375.47	375.47	0 ANNUAL	TMA	5	
MINE	419130	5414523	0.11805	379	379	0 ANNUAL	TMA	5	
MINE	419130	5415023	0.11261	381	381	0 ANNUAL	TMA	5	
MINE	419130	5415523	0.10602	380	380	0 ANNUAL	TMA	5	
MINE	419130	5416023	0.09765	384.29	384.29	0 ANNUAL	TMA	5	
MINE	419130	5416523	0.09026	378.15	378.15	0 ANNUAL	TMA	5	
MINE	419130	5417023	0.0824	370	370	0 ANNUAL	TMA	5	
MINE	418630	5404023	0.01872	348.76	351	0 ANNUAL	TMA	5	
MINE	418630	5404523	0.02034	345	345	0 ANNUAL	TMA	5	
MINE	418630	5405023	0.02228	343.8	343.8	0 ANNUAL	TMA	5	
MINE	418630	5405523	0.02464	351	351	0 ANNUAL	TMA	5	
MINE	418630	5406023	0.02705	343	343	0 ANNUAL	TMA	5	
MINE	418630	5406523	0.02998	342	342	0 ANNUAL	TMA	5	
MINE	418630	5407023	0.03363	344	344	0 ANNUAL	TMA	5	
MINE	418630	5407523	0.03801	343	343	0 ANNUAL	TMA	5	
MINE	418630	5408023	0.04318	341	341	0 ANNUAL	TMA	5	
MINE	418630	5408523	0.04957	344	344	0 ANNUAL	TMA	5	
MINE	418630	5409023	0.05727	345	345	0 ANNUAL	TMA	5	
MINE	418630	5409523	0.06681	346	346	0 ANNUAL	TMA	5	
MINE	418630	5410023	0.07867	347	347	0 ANNUAL	TMA	5	
MINE	418630	5410523	0.09111	347.81	347.81	0 ANNUAL	TMA	5	
MINE	418630	5411023	0.10192	349	349	0 ANNUAL	TMA	5	
MINE	418630	5413523	0.09329	370	370	0 ANNUAL	TMA	5	
MINE	418630	5414023	0.09216	371.3	371.3	0 ANNUAL	TMA	5	
MINE	418630	5414523	0.09096	372.94	372.94	0 ANNUAL	TMA	5	
MINE	418630	5415023	0.08863	380	380	0 ANNUAL	TMA	5	
MINE	418630	5415523	0.08609	379.86	379.86	0 ANNUAL	TMA	5	
MINE	418630	5416023	0.08222	372.14	372.14	0 ANNUAL	TMA	5	
MINE	418630	5416523	0.07706	368	368	0 ANNUAL	TMA	5	
MINE	418630	5417023	0.07168	366	366	0 ANNUAL	TMA	5	
MINE	418130	5404023	0.0183	353.54	353.54	0 ANNUAL	TMA	5	
MINE	418130	5404523	0.01999	358.24	358.24	0 ANNUAL	TMA	5	
MINE	418130	5405023	0.02183	354	354	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	418130	5405523	0.02384	347.1	347.1	0 ANNUAL	TMA	5	
MINE	418130	5406023	0.02618	343	343	0 ANNUAL	TMA	5	
MINE	418130	5406523	0.02907	343	343	0 ANNUAL	TMA	5	
MINE	418130	5407023	0.03249	342	342	0 ANNUAL	TMA	5	
MINE	418130	5407523	0.03636	341	341	0 ANNUAL	TMA	5	
MINE	418130	5408023	0.04075	341	341	0 ANNUAL	TMA	5	
MINE	418130	5408523	0.04613	343	343	0 ANNUAL	TMA	5	
MINE	418130	5409023	0.05264	344	344	0 ANNUAL	TMA	5	
MINE	418130	5409523	0.06067	345	345	0 ANNUAL	TMA	5	
MINE	418130	5410023	0.06991	346	346	0 ANNUAL	TMA	5	
MINE	418130	5410523	0.07808	347	347	0 ANNUAL	TMA	5	
MINE	418130	5411023	0.08366	348	348	0 ANNUAL	TMA	5	
MINE	418130	5413523	0.07201	366.22	366.22	0 ANNUAL	TMA	5	
MINE	418130	5414023	0.07175	369.28	369.28	0 ANNUAL	TMA	5	
MINE	418130	5414523	0.07187	373.9	373.9	0 ANNUAL	TMA	5	
MINE	418130	5415023	0.07116	380	380	0 ANNUAL	TMA	5	
MINE	418130	5415523	0.0701	380	380	0 ANNUAL	TMA	5	
MINE	418130	5416023	0.06858	375.62	375.62	0 ANNUAL	TMA	5	
MINE	418130	5416523	0.06586	368.04	368.04	0 ANNUAL	TMA	5	
MINE	418130	5417023	0.06215	362	362	0 ANNUAL	TMA	5	
MINE	418130	5417857	0.05568	360	360	0 ANNUAL	TMA	5	
MINE	418130	5418690	0.05007	358.51	358.51	0 ANNUAL	TMA	5	
MINE	418130	5419523	0.04527	366.26	366.26	0 ANNUAL	TMA	5	
MINE	419102	5417857	0.0703	368.86	368.86	0 ANNUAL	TMA	5	
MINE	419102	5418690	0.06078	362.1	362.1	0 ANNUAL	TMA	5	
MINE	419102	5419523	0.05272	364	364	0 ANNUAL	TMA	5	
MINE	420074	5417857	0.08425	389.4	389.4	0 ANNUAL	TMA	5	
MINE	420074	5418690	0.07073	377	377	0 ANNUAL	TMA	5	
MINE	420074	5419523	0.05921	369	369	0 ANNUAL	TMA	5	
MINE	421047	5417857	0.09505	396.65	396.65	0 ANNUAL	TMA	5	
MINE	421047	5418690	0.07883	384.78	384.78	0 ANNUAL	TMA	5	
MINE	421047	5419523	0.0648	373	373	0 ANNUAL	TMA	5	
MINE	422019	5417857	0.10636	383.01	383.01	0 ANNUAL	TMA	5	
MINE	422019	5418690	0.0835	380	380	0 ANNUAL	TMA	5	
MINE	422019	5419523	0.06778	370.69	370.69	0 ANNUAL	TMA	5	
MINE	422991	5417857	0.10579	382.48	382.48	0 ANNUAL	TMA	5	
MINE	422991	5418690	0.08273	379.67	379.67	0 ANNUAL	TMA	5	
MINE	422991	5419523	0.0671	371.96	371.96	0 ANNUAL	TMA	5	
MINE	423963	5417857	0.10134	371	371	0 ANNUAL	TMA	5	
MINE	423963	5418690	0.07949	369	369	0 ANNUAL	TMA	5	
MINE	423963	5419523	0.06424	368	368	0 ANNUAL	TMA	5	
MINE	424936	5417857	0.09034	377.15	377.15	0 ANNUAL	TMA	5	
MINE	424936	5418690	0.0736	379	379	0 ANNUAL	TMA	5	
MINE	424936	5419523	0.06057	377.38	377.38	0 ANNUAL	TMA	5	
MINE	425908	5417857	0.07481	379.54	379.54	0 ANNUAL	TMA	5	
MINE	425908	5418690	0.06517	372	372	0 ANNUAL	TMA	5	
MINE	425908	5419523	0.05614	373	373	0 ANNUAL	TMA	5	
MINE	426880	5417857	0.05846	379	379	0 ANNUAL	TMA	5	
MINE	426880	5418690	0.05367	381	381	0 ANNUAL	TMA	5	
MINE	426880	5419523	0.04902	370.81	370.81	0 ANNUAL	TMA	5	
MINE	427852	5417857	0.04458	378	378	0 ANNUAL	TMA	5	
MINE	427852	5418690	0.04263	374.7	374.7	0 ANNUAL	TMA	5	
MINE	427852	5419523	0.04048	364	364	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	428824	5417857	0.03549	379	379	0 ANNUAL	TMA	5	
MINE	428824	5418690	0.03362	379	379	0 ANNUAL	TMA	5	
MINE	428824	5419523	0.03256	375.16	375.16	0 ANNUAL	TMA	5	
MINE	429797	5417857	0.0294	371	371	0 ANNUAL	TMA	5	
MINE	429797	5418690	0.02784	373	373	0 ANNUAL	TMA	5	
MINE	429797	5419523	0.02665	371	371	0 ANNUAL	TMA	5	
MINE	430769	5417857	0.02493	368	368	0 ANNUAL	TMA	5	
MINE	430769	5418690	0.0237	370	370	0 ANNUAL	TMA	5	
MINE	430769	5419523	0.02251	370	370	0 ANNUAL	TMA	5	
MINE	431741	5417857	0.02085	396.6	401	0 ANNUAL	TMA	5	
MINE	431741	5418690	0.02047	377.21	390	0 ANNUAL	TMA	5	
MINE	431741	5419523	0.01958	366	366	0 ANNUAL	TMA	5	
MINE	432713	5417857	0.01866	373	373	0 ANNUAL	TMA	5	
MINE	432713	5418690	0.01793	376.07	376.07	0 ANNUAL	TMA	5	
MINE	432713	5419523	0.01694	400	400	0 ANNUAL	TMA	5	
MINE	433686	5417857	0.01641	374	374	0 ANNUAL	TMA	5	
MINE	433686	5418690	0.01566	390.86	400	0 ANNUAL	TMA	5	
MINE	433686	5419523	0.01512	392.42	392.42	0 ANNUAL	TMA	5	
MINE	434658	5417857	0.01405	406	423	0 ANNUAL	TMA	5	
MINE	434658	5418690	0.01402	386.63	390	0 ANNUAL	TMA	5	
MINE	434658	5419523	0.01357	388.54	416	0 ANNUAL	TMA	5	
MINE	435630	5417857	0.01307	382	404	0 ANNUAL	TMA	5	
MINE	435630	5418690	0.0126	391.41	391.41	0 ANNUAL	TMA	5	
MINE	435630	5419523	0.01226	383.74	401	0 ANNUAL	TMA	5	
MINE	433963	5417023	0.01598	408.27	408.27	0 ANNUAL	TMA	5	
MINE	433963	5416051	0.01768	418.31	418.31	0 ANNUAL	TMA	5	
MINE	433963	5415079	0.02095	383.67	383.67	0 ANNUAL	TMA	5	
MINE	433963	5414107	0.02243	377	377	0 ANNUAL	TMA	5	
MINE	433963	5413134	0.02427	389.48	391	0 ANNUAL	TMA	5	
MINE	433963	5412162	0.02336	383.25	383.25	0 ANNUAL	TMA	5	
MINE	433963	5411190	0.0219	387	387	0 ANNUAL	TMA	5	
MINE	433963	5410218	0.02173	381	381	0 ANNUAL	TMA	5	
MINE	433963	5409245	0.02142	372	372	0 ANNUAL	TMA	5	
MINE	433963	5408273	0.02053	385.84	385.84	0 ANNUAL	TMA	5	
MINE	433963	5407301	0.0197	390.12	390.12	0 ANNUAL	TMA	5	
MINE	433963	5406329	0.01824	385	385	0 ANNUAL	TMA	5	
MINE	433963	5405357	0.01636	389	389	0 ANNUAL	TMA	5	
MINE	433963	5404384	0.01464	377	377	0 ANNUAL	TMA	5	
MINE	433963	5403412	0.01309	372	372	0 ANNUAL	TMA	5	
MINE	433963	5402440	0.01195	380	380	0 ANNUAL	TMA	5	
MINE	433963	5401468	0.01139	366	366	0 ANNUAL	TMA	5	
MINE	433963	5400495	0.01082	364.03	364.03	0 ANNUAL	TMA	5	
MINE	433963	5399523	0.01025	357	357	0 ANNUAL	TMA	5	
MINE	434797	5417023	0.01535	384.4	433	0 ANNUAL	TMA	5	
MINE	434797	5416051	0.01757	379.08	379.08	0 ANNUAL	TMA	5	
MINE	434797	5415079	0.01885	374.72	374.72	0 ANNUAL	TMA	5	
MINE	434797	5414107	0.02003	387	387	0 ANNUAL	TMA	5	
MINE	434797	5413134	0.02157	400.14	400.14	0 ANNUAL	TMA	5	
MINE	434797	5412162	0.02081	391	391	0 ANNUAL	TMA	5	
MINE	434797	5411190	0.0196	386	386	0 ANNUAL	TMA	5	
MINE	434797	5410218	0.01938	381	381	0 ANNUAL	TMA	5	
MINE	434797	5409245	0.01929	379.42	379.42	0 ANNUAL	TMA	5	
MINE	434797	5408273	0.01846	386.99	386.99	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	434797	5407301	0.01796	390	390	0 ANNUAL	TMA	5	
MINE	434797	5406329	0.01682	401	401	0 ANNUAL	TMA	5	
MINE	434797	5405357	0.01537	399	399	0 ANNUAL	TMA	5	
MINE	434797	5404384	0.01404	378	378	0 ANNUAL	TMA	5	
MINE	434797	5403412	0.01258	373	373	0 ANNUAL	TMA	5	
MINE	434797	5402440	0.01137	369	369	0 ANNUAL	TMA	5	
MINE	434797	5401468	0.01059	370.44	370.44	0 ANNUAL	TMA	5	
MINE	434797	5400495	0.01008	361	361	0 ANNUAL	TMA	5	
MINE	434797	5399523	0.00964	359	359	0 ANNUAL	TMA	5	
MINE	435630	5417023	0.01425	385.87	385.87	0 ANNUAL	TMA	5	
MINE	435630	5416051	0.01626	384.39	386	0 ANNUAL	TMA	5	
MINE	435630	5415079	0.01664	403.66	403.66	0 ANNUAL	TMA	5	
MINE	435630	5414107	0.01804	396	396	0 ANNUAL	TMA	5	
MINE	435630	5413134	0.01973	385	385	0 ANNUAL	TMA	5	
MINE	435630	5412162	0.01882	386.78	386.78	0 ANNUAL	TMA	5	
MINE	435630	5411190	0.01768	385	385	0 ANNUAL	TMA	5	
MINE	435630	5410218	0.01728	390	390	0 ANNUAL	TMA	5	
MINE	435630	5409245	0.01746	382.49	382.49	0 ANNUAL	TMA	5	
MINE	435630	5408273	0.01685	381	381	0 ANNUAL	TMA	5	
MINE	435630	5407301	0.01631	386.5	386.5	0 ANNUAL	TMA	5	
MINE	435630	5406329	0.01578	391.74	391.74	0 ANNUAL	TMA	5	
MINE	435630	5405357	0.01467	389.76	389.76	0 ANNUAL	TMA	5	
MINE	435630	5404384	0.01339	377.77	377.77	0 ANNUAL	TMA	5	
MINE	435630	5403412	0.01215	375.14	375.14	0 ANNUAL	TMA	5	
MINE	435630	5402440	0.01095	368	368	0 ANNUAL	TMA	5	
MINE	435630	5401468	0.00998	364	364	0 ANNUAL	TMA	5	
MINE	435630	5400495	0.00939	360	360	0 ANNUAL	TMA	5	
MINE	435630	5399523	0.00901	358	358	0 ANNUAL	TMA	5	
MINE	433130	5401190	0.01205	364.77	364.77	0 ANNUAL	TMA	5	
MINE	433130	5400357	0.01143	360	360	0 ANNUAL	TMA	5	
MINE	433130	5399523	0.01076	360	360	0 ANNUAL	TMA	5	
MINE	432158	5401190	0.01296	373	373	0 ANNUAL	TMA	5	
MINE	432158	5400357	0.01206	358	358	0 ANNUAL	TMA	5	
MINE	432158	5399523	0.01116	357.13	357.13	0 ANNUAL	TMA	5	
MINE	431186	5401190	0.01368	365.75	365.75	0 ANNUAL	TMA	5	
MINE	431186	5400357	0.01253	355.6	355.6	0 ANNUAL	TMA	5	
MINE	431186	5399523	0.01148	357.06	357.06	0 ANNUAL	TMA	5	
MINE	430213	5401190	0.01414	353	353	0 ANNUAL	TMA	5	
MINE	430213	5400357	0.01283	360	360	0 ANNUAL	TMA	5	
MINE	430213	5399523	0.01161	355	355	0 ANNUAL	TMA	5	
MINE	429241	5401190	0.01436	360	360	0 ANNUAL	TMA	5	
MINE	429241	5400357	0.01284	358.56	358.56	0 ANNUAL	TMA	5	
MINE	429241	5399523	0.01156	359	359	0 ANNUAL	TMA	5	
MINE	428269	5401190	0.01428	370	370	0 ANNUAL	TMA	5	
MINE	428269	5400357	0.01273	365	365	0 ANNUAL	TMA	5	
MINE	428269	5399523	0.01141	361	361	0 ANNUAL	TMA	5	
MINE	427297	5401190	0.01405	375.45	375.45	0 ANNUAL	TMA	5	
MINE	427297	5400357	0.01247	363.85	363.85	0 ANNUAL	TMA	5	
MINE	427297	5399523	0.01114	361	361	0 ANNUAL	TMA	5	
MINE	426324	5401190	0.01372	371.9	371.9	0 ANNUAL	TMA	5	
MINE	426324	5400357	0.0122	368	368	0 ANNUAL	TMA	5	
MINE	426324	5399523	0.01093	366.05	366.05	0 ANNUAL	TMA	5	
MINE	425352	5401190	0.0133	376	376	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gr	Num Year	Net ID
MINE	425352	5400357	0.01185	371	371	0 ANNUAL	TMA	5	
MINE	425352	5399523	0.01063	370	370	0 ANNUAL	TMA	5	
MINE	424380	5401190	0.01281	376.85	376.85	0 ANNUAL	TMA	5	
MINE	424380	5400357	0.01143	375.72	375.72	0 ANNUAL	TMA	5	
MINE	424380	5399523	0.01035	370	370	0 ANNUAL	TMA	5	
MINE	423408	5401190	0.01265	379	379	0 ANNUAL	TMA	5	
MINE	423408	5400357	0.01129	378	378	0 ANNUAL	TMA	5	
MINE	423408	5399523	0.01023	370	370	0 ANNUAL	TMA	5	
MINE	422436	5401190	0.01298	370	370	0 ANNUAL	TMA	5	
MINE	422436	5400357	0.01159	370.69	370.69	0 ANNUAL	TMA	5	
MINE	422436	5399523	0.01043	366	366	0 ANNUAL	TMA	5	
MINE	421463	5401190	0.0135	369.71	369.71	0 ANNUAL	TMA	5	
MINE	421463	5400357	0.0121	367.08	367.08	0 ANNUAL	TMA	5	
MINE	421463	5399523	0.01089	361.8	361.8	0 ANNUAL	TMA	5	
MINE	420491	5401190	0.01375	363.64	363.64	0 ANNUAL	TMA	5	
MINE	420491	5400357	0.01235	360	360	0 ANNUAL	TMA	5	
MINE	420491	5399523	0.01116	357	357	0 ANNUAL	TMA	5	
MINE	419519	5401190	0.01345	358	358	0 ANNUAL	TMA	5	
MINE	419519	5400357	0.01221	364.89	364.89	0 ANNUAL	TMA	5	
MINE	419519	5399523	0.01108	357	357	0 ANNUAL	TMA	5	
MINE	418547	5401190	0.01267	363.19	363.19	0 ANNUAL	TMA	5	
MINE	418547	5400357	0.01154	365	365	0 ANNUAL	TMA	5	
MINE	418547	5399523	0.01055	357	357	0 ANNUAL	TMA	5	
MINE	417574	5401190	0.01194	351	351	0 ANNUAL	TMA	5	
MINE	417574	5400357	0.01089	357.18	357.18	0 ANNUAL	TMA	5	
MINE	417574	5399523	0.00997	354	354	0 ANNUAL	TMA	5	
MINE	416602	5401190	0.01144	348	348	0 ANNUAL	TMA	5	
MINE	416602	5400357	0.01041	358.92	358.92	0 ANNUAL	TMA	5	
MINE	416602	5399523	0.00949	350	350	0 ANNUAL	TMA	5	
MINE	415630	5401190	0.0113	347	347	0 ANNUAL	TMA	5	
MINE	415630	5400357	0.01012	349	349	0 ANNUAL	TMA	5	
MINE	415630	5399523	0.00916	349	349	0 ANNUAL	TMA	5	
MINE	417297	5402023	0.01311	357.46	357.46	0 ANNUAL	TMA	5	
MINE	417297	5402995	0.01499	346	346	0 ANNUAL	TMA	5	
MINE	417297	5403968	0.01752	349	349	0 ANNUAL	TMA	5	
MINE	417297	5404940	0.0207	355	355	0 ANNUAL	TMA	5	
MINE	417297	5405912	0.02464	347	347	0 ANNUAL	TMA	5	
MINE	417297	5406884	0.0293	343	343	0 ANNUAL	TMA	5	
MINE	417297	5407857	0.03504	340	340	0 ANNUAL	TMA	5	
MINE	417297	5408829	0.04409	345	345	0 ANNUAL	TMA	5	
MINE	417297	5409801	0.05541	346	346	0 ANNUAL	TMA	5	
MINE	417297	5410773	0.06098	349	349	0 ANNUAL	TMA	5	
MINE	417297	5411745	0.06035	370	370	0 ANNUAL	TMA	5	
MINE	417297	5412718	0.05529	363.07	363.07	0 ANNUAL	TMA	5	
MINE	417297	5413690	0.05064	366	366	0 ANNUAL	TMA	5	
MINE	417297	5414662	0.05116	374	374	0 ANNUAL	TMA	5	
MINE	417297	5415634	0.05203	370	370	0 ANNUAL	TMA	5	
MINE	417297	5416607	0.0504	360.98	360.98	0 ANNUAL	TMA	5	
MINE	417297	5417579	0.0471	357	357	0 ANNUAL	TMA	5	
MINE	417297	5418551	0.04246	356	356	0 ANNUAL	TMA	5	
MINE	417297	5419523	0.03849	362.05	362.05	0 ANNUAL	TMA	5	
MINE	416463	5402023	0.01275	346	346	0 ANNUAL	TMA	5	
MINE	416463	5402995	0.01472	346	346	0 ANNUAL	TMA	5	



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MINE	416463	5403968	0.01709	348.5	348.5	0 ANNUAL	TMA	5	
MINE	416463	5404940	0.01999	357.45	357.45	0 ANNUAL	TMA	5	
MINE	416463	5405912	0.02294	346	346	0 ANNUAL	TMA	5	
MINE	416463	5406884	0.02634	343.24	343.24	0 ANNUAL	TMA	5	
MINE	416463	5407857	0.03169	340	340	0 ANNUAL	TMA	5	
MINE	416463	5408829	0.03978	346.93	346.93	0 ANNUAL	TMA	5	
MINE	416463	5409801	0.04601	353.2	353.2	0 ANNUAL	TMA	5	
MINE	416463	5410773	0.04676	357	357	0 ANNUAL	TMA	5	
MINE	416463	5411745	0.04551	356	356	0 ANNUAL	TMA	5	
MINE	416463	5412718	0.04215	369	369	0 ANNUAL	TMA	5	
MINE	416463	5413690	0.03835	369.57	369.57	0 ANNUAL	TMA	5	
MINE	416463	5414662	0.0378	383.43	383.43	0 ANNUAL	TMA	5	
MINE	416463	5415634	0.03983	364.53	364.53	0 ANNUAL	TMA	5	
MINE	416463	5416607	0.0398	361	361	0 ANNUAL	TMA	5	
MINE	416463	5417579	0.03831	360	360	0 ANNUAL	TMA	5	
MINE	416463	5418551	0.03595	359.12	359.12	0 ANNUAL	TMA	5	
MINE	416463	5419523	0.03283	353	353	0 ANNUAL	TMA	5	
MINE	415630	5402023	0.01265	343.62	343.62	0 ANNUAL	TMA	5	
MINE	415630	5402995	0.01445	346	346	0 ANNUAL	TMA	5	
MINE	415630	5403968	0.01647	349	349	0 ANNUAL	TMA	5	
MINE	415630	5404940	0.01865	360	360	0 ANNUAL	TMA	5	
MINE	415630	5405912	0.0207	347	347	0 ANNUAL	TMA	5	
MINE	415630	5408829	0.03518	348	348	0 ANNUAL	TMA	5	
MINE	415630	5409801	0.03726	354	354	0 ANNUAL	TMA	5	
MINE	415630	5410773	0.03707	363	363	0 ANNUAL	TMA	5	
MINE	415630	5411745	0.03629	369	369	0 ANNUAL	TMA	5	
MINE	415630	5412718	0.03348	371	371	0 ANNUAL	TMA	5	
MINE	415630	5413690	0.03017	380	380	0 ANNUAL	TMA	5	
MINE	415630	5414662	0.02995	374	374	0 ANNUAL	TMA	5	
MINE	415630	5415634	0.03106	367	367	0 ANNUAL	TMA	5	
MINE	415630	5416607	0.03214	360	360	0 ANNUAL	TMA	5	
MINE	415630	5417579	0.03154	360	360	0 ANNUAL	TMA	5	
MINE	415630	5418551	0.03037	360.67	360.67	0 ANNUAL	TMA	5	
MINE	415630	5419523	0.02836	357	357	0 ANNUAL	TMA	5	
	415463	5406675	0.02291	342	342	0 ANNUAL	TMA	5	
	415451	5406279	0.02141	345	345	0 ANNUAL	TMA	5	
	414628	5406278	0.02015	341	341	0 ANNUAL	TMA	5	
	414648	5407097	0.0235	340	340	0 ANNUAL	TMA	5	
	413820	5407101	0.02212	344.14	344.14	0 ANNUAL	TMA	5	
	413844	5407916	0.0245	343	343	0 ANNUAL	TMA	5	
	414669	5407897	0.02706	343	343	0 ANNUAL	TMA	5	
	414668	5407921	0.02715	343	343	0 ANNUAL	TMA	5	
	415890	5407908	0.0305	341	341	0 ANNUAL	TMA	5	
	415869	5407086	0.02559	341	341	0 ANNUAL	TMA	5	
	416287	5407081	0.02666	342	342	0 ANNUAL	TMA	5	
	416272	5406666	0.02485	344	344	0 ANNUAL	TMA	5	
	421918	5404856	0.02422	353.05	353.05	0 ANNUAL	TMA	5	
	421094	5404865	0.02446	350	350	0 ANNUAL	TMA	5	
	421106	5405379	0.02711	350	350	0 ANNUAL	TMA	5	
	420730	5405382	0.02712	355	355	0 ANNUAL	TMA	5	
	420730	5405796	0.02956	353	353	0 ANNUAL	TMA	5	
	419463	5405818	0.02767	353	353	0 ANNUAL	TMA	5	
	419463	5406226	0.03018	350	350	0 ANNUAL	TMA	5	

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420291	5406220	0.03194	350	350	0 ANNUAL	TMA	5	
420304	5407038	0.03907	347.43	347.43	0 ANNUAL	TMA	5	
419611	5407048	0.03693	347	347	0 ANNUAL	TMA	5	
419649	5408646	0.05829	347	347	0 ANNUAL	TMA	5	
420388	5408637	0.06361	346.92	346.92	0 ANNUAL	TMA	5	
420340	5407829	0.04873	344	344	0 ANNUAL	TMA	5	
421196	5407811	0.05042	350.16	350.16	0 ANNUAL	TMA	5	
421156	5407025	0.04002	352	352	0 ANNUAL	TMA	5	
422795	5406994	0.04102	359	359	0 ANNUAL	TMA	5	
422806	5407802	0.05312	359	359	0 ANNUAL	TMA	5	
423617	5407779	0.05338	358.09	358.09	0 ANNUAL	TMA	5	
423599	5406990	0.04142	365.72	365.72	0 ANNUAL	TMA	5	
422786	5406989	0.04096	359	359	0 ANNUAL	TMA	5	
422771	5406177	0.03278	358	358	0 ANNUAL	TMA	5	
422357	5406187	0.03286	359	359	0 ANNUAL	TMA	5	
422363	5406591	0.03646	357	357	0 ANNUAL	TMA	5	
421964	5406591	0.03624	356	356	0 ANNUAL	TMA	5	
420767	5413450	0.6505	375	375	0 ANNUAL	TMA	5	
420780	5414261	0.36417	377	377	0 ANNUAL	TMA	5	
421449	5414252	0.5668	379.78	379.78	0 ANNUAL	TMA	5	
422377	5414238	0.89559	379	379	0 ANNUAL	TMA	5	
422370	5415036	0.40484	387.39	387.39	0 ANNUAL	TMA	5	
424000	5415015	0.25979	397.45	397.45	0 ANNUAL	TMA	5	
423997	5414610	0.29584	400.01	400.01	0 ANNUAL	TMA	5	
424792	5414601	0.2178	388	388	0 ANNUAL	TMA	5	
424798	5414204	0.25257	389	389	0 ANNUAL	TMA	5	
428817	5414150	0.05165	404	404	0 ANNUAL	TMA	5	
428848	5415656	0.0423	376	421	0 ANNUAL	TMA	5	
429649	5415650	0.03518	394.89	394.89	0 ANNUAL	TMA	5	
429650	5415747	0.03511	388.58	388.58	0 ANNUAL	TMA	5	
431259	5415735	0.02756	378.13	378.13	0 ANNUAL	TMA	5	
431239	5414122	0.0341	376.02	376.02	0 ANNUAL	TMA	5	
429628	5414138	0.04605	385.78	385.78	0 ANNUAL	TMA	5	
429614	5413326	0.04991	389.97	389.97	0 ANNUAL	TMA	5	
428809	5413327	0.06053	390	390	0 ANNUAL	TMA	5	
428808	5412548	0.06207	393.59	393.59	0 ANNUAL	TMA	5	
430407	5412512	0.04329	389	389	0 ANNUAL	TMA	5	
430422	5413312	0.04262	379.63	379.63	0 ANNUAL	TMA	5	
431230	5413308	0.03669	376	376	0 ANNUAL	TMA	5	
431224	5412901	0.03749	379	379	0 ANNUAL	TMA	5	
432035	5412899	0.03254	375.4	375.4	0 ANNUAL	TMA	5	
432035	5412495	0.03213	374	374	0 ANNUAL	TMA	5	
431223	5412502	0.03715	381	381	0 ANNUAL	TMA	5	
431202	5410899	0.03414	382	382	0 ANNUAL	TMA	5	
432010	5410893	0.02977	373.96	373.96	0 ANNUAL	TMA	5	
431997	5410087	0.02919	378.53	378.53	0 ANNUAL	TMA	5	
430381	5410114	0.03891	381	381	0 ANNUAL	TMA	5	
430361	5408478	0.03369	377.79	377.79	0 ANNUAL	TMA	5	
431008	5408470	0.03095	368.82	368.82	0 ANNUAL	TMA	5	
431004	5407564	0.02758	359	359	0 ANNUAL	TMA	5	
430203	5407573	0.02985	361	361	0 ANNUAL	TMA	5	
430222	5408485	0.03432	378.03	378.03	0 ANNUAL	TMA	5	
429414	5408504	0.03804	382.51	382.51	0 ANNUAL	TMA	5	

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole   Averagin	Source Gr Num	Year	Net ID
429425	5408830	0.04011	383	383	0 ANNUAL TMA		5	
429102	5408830	0.04169	389	389	0 ANNUAL TMA		5	
429093	5408498	0.03935	387	387	0 ANNUAL TMA		5	
429431	5408490	0.03788	382	382	0 ANNUAL TMA		5	
429422	5407591	0.03246	359	359	0 ANNUAL TMA		5	
428564	5407591	0.03653	368.54	368.54	0 ANNUAL TMA		5	
427718	5407601	0.0414	366.38	366.38	0 ANNUAL TMA		5	
427720	5407741	0.04246	366.75	366.75	0 ANNUAL TMA		5	
427700	5407741	0.04258	366	366	0 ANNUAL TMA		5	
426917	5407750	0.04695	351.89	351.89	0 ANNUAL TMA		5	
426068	5407740	0.05074	379.31	379.31	0 ANNUAL TMA		5	
425276	5407752	0.05326	361	361	0 ANNUAL TMA		5	
425245	5406949	0.04271	370	370	0 ANNUAL TMA		5	
424422	5406973	0.04219	365	365	0 ANNUAL TMA		5	
424461	5407786	0.0545	368.75	378	0 ANNUAL TMA		5	
424499	5408579	0.07037	348	348	0 ANNUAL TMA		5	
420692	5408632	0.06506	343.53	343.53	0 ANNUAL TMA		5	
420705	5409438	0.09141	353	353	0 ANNUAL TMA		5	
419681	5409454	0.07934	351.75	351.75	0 ANNUAL TMA		5	
419677	5411057	0.16523	357.98	357.98	0 ANNUAL TMA		5	
418061	5411078	0.08188	349	349	0 ANNUAL TMA		5	
418099	5413503	0.07101	366	366	0 ANNUAL TMA		5	
418914	5413492	0.11054	369.53	369.53	0 ANNUAL TMA		5	
418914	5413081	0.11314	372.14	372.14	0 ANNUAL TMA		5	
419710	5413071	0.20804	380	380	0 ANNUAL TMA		5	
419711	5413468	0.19893	378	378	0 ANNUAL TMA		5	

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON		
PINEGEN	415889	5407356	0.10326	340	340	0 MONTH	WMRS	1ST		1/31/1998	24 hr	1.91522
PINEGEN	415889	5407406	0.10365	340	340	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415889	5407456	0.10412	340	340	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415889	5407506	0.10468	340	340	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415889	5407556	0.10532	340	340	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415889	5407606	0.10605	340	340	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415939	5407356	0.10428	340	340	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415939	5407406	0.10466	340	340	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415939	5407456	0.10512	340	340	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415939	5407506	0.10566	340	340	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415939	5407556	0.10628	340	340	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415939	5407606	0.107	340	340	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415989	5407356	0.10533	340	340	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415989	5407406	0.1057	340	340	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415989	5407456	0.10613	340	340	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415989	5407506	0.10665	340	340	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415989	5407556	0.10727	340	340	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415989	5407606	0.10796	340	340	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415739	5406656	0.09892	343	343	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415739	5406606	0.09908	344	344	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415789	5406656	0.10007	343.4	343.4	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415789	5406606	0.10019	344	344	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415839	5406656	0.10126	344	344	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415839	5406606	0.10133	344	344	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415889	5407306	0.10293	340	340	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415889	5407256	0.10271	340.39	340.39	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415889	5407206	0.10257	341	341	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415889	5407156	0.10239	341	341	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415889	5407106	0.10225	341	341	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415889	5406656	0.10233	343.32	343.32	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415889	5406606	0.10246	343.86	343.86	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415939	5407306	0.10397	340	340	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415939	5407256	0.10385	341	341	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415939	5407206	0.10364	341	341	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415939	5407156	0.10347	341	341	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415939	5407106	0.10334	341	341	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415939	5406656	0.10345	343	343	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415939	5406606	0.10353	343	343	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415989	5407306	0.10508	340.32	340.32	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415989	5407256	0.10493	341	341	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415989	5407206	0.10473	341	341	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415989	5407156	0.10457	341	341	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415989	5407106	0.1045	341.38	341.38	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415989	5406656	0.10464	343	343	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415989	5406606	0.10473	343	343	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415689	5406656	0.09784	343	343	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415689	5406606	0.098	344	344	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415639	5406656	0.09679	343	343	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415639	5406606	0.09693	344	344	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415589	5406656	0.09576	343	343	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415589	5406606	0.09585	343.6	343.6	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415539	5406656	0.09475	343	343	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415539	5406606	0.09476	343	343	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415489	5406656	0.09376	343	343	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415489	5406606	0.09376	343	343	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	414989	5408006	0.0989	344	344	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	414989	5408106	0.09962	344.02	344.02	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415089	5408006	0.10056	344	344	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415089	5408106	0.10149	344.63	344.63	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415189	5408006	0.10225	344	344	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415189	5408106	0.10325	344	344	0 MONTH	WMRS	1ST		1/31/1998	24 hr	
PINEGEN	415289	5408006	0.10395	344	344	0 MONTH	WMRS	1ST		1/31/1998	24 hr	

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	415289	5408106	0.1051	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415389	5408006	0.10556	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415389	5408106	0.10697	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5408006	0.10732	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5408106	0.10888	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415589	5408006	0.1091	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415589	5408106	0.11081	343.95	343.95	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415689	5408006	0.11088	342.7	342.7	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415689	5408106	0.11265	343.02	343.02	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415789	5408006	0.11263	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415789	5408106	0.11463	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415889	5407706	0.10792	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415889	5407806	0.10995	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415889	5408006	0.11452	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415889	5408106	0.11666	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415989	5407706	0.10963	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415989	5407806	0.11163	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415989	5407906	0.11402	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415989	5408006	0.11637	341.44	341.44	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415989	5408106	0.11858	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5407706	0.11157	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5407806	0.11353	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5407906	0.11588	340.64	340.64	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5408006	0.11828	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5408106	0.12068	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416189	5407706	0.1136	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416189	5407806	0.11552	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416189	5407906	0.11776	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416189	5408006	0.12033	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416189	5408106	0.12283	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5407706	0.11573	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5407806	0.1176	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5407906	0.11982	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5408006	0.12243	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5408106	0.12493	341.4	341.4	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416389	5407706	0.11797	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416389	5407806	0.11977	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416389	5407906	0.12195	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416389	5408006	0.12442	340.05	340.05	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416389	5408106	0.12711	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5407706	0.12031	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5407806	0.12204	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5407906	0.12418	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5408006	0.12665	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5408106	0.12935	340.58	340.58	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5407606	0.10997	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5407506	0.10873	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5407406	0.10784	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5407306	0.10738	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5407206	0.10698	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5407106	0.10688	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5406606	0.10733	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5406506	0.10764	344.9	344.9	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5406406	0.10778	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5406306	0.10778	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5406206	0.10767	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5406106	0.1071	346.07	346.07	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416189	5407606	0.11206	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416189	5407506	0.1109	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416189	5407406	0.11023	340.88	340.88	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416189	5407306	0.10969	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416189	5407206	0.10933	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	416189	5407106	0.10927	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416189	5406606	0.10994	344.4	344.4	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416189	5406506	0.11019	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416189	5406406	0.11028	345.2	345.2	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416189	5406306	0.11024	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416189	5406206	0.1099	346.79	346.79	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416189	5406106	0.10905	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5407606	0.11426	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5407506	0.11318	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5407406	0.11256	340.81	340.81	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5407306	0.11209	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5407206	0.11185	341.41	341.41	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5407106	0.11177	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5407006	0.11187	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5406906	0.11191	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5406806	0.11217	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5406706	0.11235	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5406606	0.11267	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5406506	0.11278	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5406406	0.11287	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5406306	0.11255	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5406206	0.11197	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5406106	0.11077	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416389	5407606	0.11657	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416389	5407506	0.11556	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416389	5407406	0.11505	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416389	5407306	0.11461	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416389	5407206	0.11451	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416389	5407106	0.11438	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416389	5407006	0.11453	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416389	5406906	0.11461	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416389	5406806	0.11491	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416389	5406706	0.11509	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416389	5406606	0.11539	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416389	5406506	0.11542	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416389	5406406	0.11522	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416389	5406306	0.11477	345.75	345.75	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416389	5406206	0.11379	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416389	5406106	0.11218	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5407606	0.11899	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5407506	0.11806	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5407406	0.11763	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5407306	0.11724	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5407206	0.11719	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5407106	0.11711	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5407006	0.11731	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5406906	0.11743	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5406806	0.11776	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5406706	0.11793	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5406606	0.11802	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5406506	0.11792	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5406406	0.11752	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5406306	0.11668	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5406206	0.11536	344.51	344.51	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5406106	0.11336	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415989	5406506	0.10505	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415989	5406406	0.10523	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415989	5406306	0.10545	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415989	5406206	0.10537	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415989	5406106	0.10514	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415889	5406506	0.10265	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415889	5406406	0.10291	344.45	344.45	0 MONTH	WMRS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	415889	5406306	0.1031	344.72	344.72	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415889	5406206	0.10317	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415889	5406106	0.103	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415789	5406506	0.10035	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415789	5406406	0.10066	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415789	5406306	0.10091	345.63	345.63	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415789	5406206	0.10108	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415789	5406106	0.10104	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415689	5406506	0.09813	344.06	344.06	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415689	5406406	0.09841	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415689	5406306	0.09862	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415689	5406206	0.09889	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415689	5406106	0.09896	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415589	5406506	0.09598	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415589	5406406	0.09614	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415589	5406306	0.09644	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415589	5406206	0.09674	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415589	5406106	0.09689	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5406506	0.09387	343.44	343.44	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5406406	0.09406	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5406306	0.09434	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5406206	0.09454	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5406106	0.09481	345.84	345.84	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415389	5406206	0.0925	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415389	5406106	0.09271	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415289	5406206	0.09043	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415289	5406106	0.09074	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415189	5406206	0.08852	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415189	5406106	0.08878	344.65	344.65	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415089	5406206	0.08669	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415089	5406106	0.08693	344.72	344.72	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414989	5406206	0.08492	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414989	5406106	0.08507	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414889	5406206	0.08312	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414889	5406106	0.08325	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414789	5406206	0.0814	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414789	5406106	0.0815	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414689	5406206	0.07975	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414689	5406106	0.0799	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414589	5406506	0.07835	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414589	5406406	0.07834	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414589	5406306	0.07827	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414589	5406206	0.07831	341.73	341.73	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414589	5406106	0.07836	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5406506	0.07695	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5406406	0.07693	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5406306	0.07684	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5406206	0.07686	341.8	341.8	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5406106	0.07689	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414889	5408006	0.09727	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414889	5408106	0.09785	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414789	5408006	0.09556	343.11	343.11	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414789	5408106	0.0961	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414689	5408006	0.09395	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414689	5408106	0.09438	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414589	5406606	0.07848	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414589	5406706	0.07866	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414589	5406806	0.07889	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414589	5406906	0.07923	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414589	5407006	0.07972	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414589	5407906	0.09195	342.66	342.66	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	414589	5408006	0.09238	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	414589	5408106	0.09269	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5406606	0.0771	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5406706	0.07728	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5406806	0.07753	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5406906	0.0779	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5407006	0.07842	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5407906	0.09036	343	343	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	414489	5408006	0.09082	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5408106	0.09102	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5408306	0.09007	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5408506	0.08805	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5408706	0.08576	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5408906	0.08349	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5409106	0.08098	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414689	5408306	0.09374	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414689	5408506	0.09176	345.63	345.63	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414689	5408706	0.08934	346.26	346.26	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414689	5408906	0.08696	347.9	347.9	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414689	5409106	0.08432	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414889	5408306	0.0976	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414889	5408506	0.09577	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414889	5408706	0.09328	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414889	5408906	0.0906	347.03	347.03	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414889	5409106	0.08781	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415089	5408306	0.10162	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415089	5408506	0.09998	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415089	5408706	0.09744	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415089	5408906	0.09466	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415089	5409106	0.09169	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415289	5408306	0.10582	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415289	5408506	0.10445	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415289	5408706	0.10188	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415289	5408906	0.09893	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415289	5409106	0.09578	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5408306	0.11018	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5408506	0.10917	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5408706	0.10663	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5408906	0.10352	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5409106	0.10016	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415689	5408306	0.11459	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415689	5408506	0.11415	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415689	5408706	0.11171	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415689	5408906	0.10851	348.55	348.55	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415689	5409106	0.10496	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415889	5408306	0.11915	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415889	5408506	0.11913	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415889	5408706	0.11714	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415889	5408906	0.11388	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415889	5409106	0.11004	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5408306	0.12403	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5408506	0.12431	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5408706	0.12266	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5408906	0.11948	347.97	347.97	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5409106	0.11553	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5408306	0.12891	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5408506	0.13007	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5408706	0.12831	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5408906	0.12551	346.94	346.94	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5409106	0.12146	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5408306	0.13414	341.92	341.92	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5408506	0.13631	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5408706	0.13546	345.23	345.23	0 MONTH	WMRS	1ST		1/31/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	416489	5408906	0.13231	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5409106	0.12789	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416689	5408306	0.14003	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416689	5408506	0.14321	345.73	345.73	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416689	5408706	0.1428	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416689	5408906	0.1395	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416689	5409106	0.13473	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416889	5408306	0.1458	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416889	5408506	0.14978	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416889	5408706	0.14996	345.23	345.23	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416889	5408906	0.1469	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416889	5409106	0.14197	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417089	5408306	0.15141	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417089	5408506	0.1561	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417089	5408706	0.15739	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417089	5408906	0.15468	343.45	343.45	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417089	5409106	0.14979	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417289	5408306	0.15789	342.14	342.14	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417289	5408506	0.16381	343.33	343.33	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417289	5408706	0.16608	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417289	5408906	0.16406	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417289	5409106	0.15873	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5408306	0.16506	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5408506	0.17178	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5408706	0.17507	344.08	344.08	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5408906	0.1738	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5409106	0.16875	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416689	5408106	0.13465	342.72	342.72	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416689	5407906	0.12916	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416689	5407706	0.12535	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416689	5407506	0.12343	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416689	5407306	0.12284	340.88	340.88	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416689	5407106	0.12277	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416689	5406906	0.12324	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416689	5406706	0.12361	342.88	342.88	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416689	5406506	0.12303	343.3	343.3	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416689	5406306	0.12053	344.04	344.04	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416689	5406106	0.11516	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416689	5405906	0.10661	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416689	5405706	0.09568	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416689	5405506	0.08555	348	348	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	416689	5405306	0.08155	349	349	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	416689	5405106	0.07883	350	350	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	416889	5408106	0.13994	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416889	5407906	0.13442	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416889	5407706	0.13092	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416889	5407506	0.12934	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416889	5407306	0.12884	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416889	5407106	0.12915	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416889	5406906	0.12965	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416889	5406706	0.12964	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416889	5406506	0.12803	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416889	5406306	0.12363	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416889	5406106	0.11565	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416889	5405906	0.1048	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416889	5405706	0.09243	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416889	5405506	0.08673	348	348	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	416889	5405306	0.08359	349.09	349.09	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	416889	5405106	0.08139	350.12	350.12	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417089	5408106	0.14538	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417089	5407906	0.14023	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417089	5407706	0.1371	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	417089	5407506	0.13586	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417089	5407306	0.13561	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417089	5407106	0.13608	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417089	5406906	0.13641	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417089	5406706	0.13555	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417089	5406506	0.13219	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417089	5406306	0.1253	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417089	5406106	0.1148	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417089	5405906	0.10195	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417089	5405706	0.09251	347.89	347.89	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417089	5405506	0.08893	349	349	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417089	5405306	0.08626	350	350	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417089	5405106	0.08455	351.14	351.14	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417289	5408106	0.15131	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417289	5407906	0.14642	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417289	5407706	0.14396	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417289	5407506	0.14307	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417289	5407306	0.14331	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417289	5407106	0.14379	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417289	5406906	0.14354	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417289	5406706	0.14105	343.3	343.3	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417289	5406506	0.13521	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417289	5406306	0.1254	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417289	5406106	0.11238	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417289	5405906	0.09904	347	347	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	417289	5405706	0.0948	348	348	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417289	5405506	0.09163	349	349	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417289	5405306	0.0895	350	350	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417289	5405106	0.08815	353	353	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417489	5408106	0.15839	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5407906	0.15387	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5407706	0.15158	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5407506	0.15105	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5407306	0.15147	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5407106	0.15167	341.99	341.99	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5406906	0.15004	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5406706	0.14549	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5406506	0.13666	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5406306	0.12381	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5406106	0.10883	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5405906	0.10131	347	347	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417489	5405706	0.0976	348	348	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417489	5405506	0.09492	348.07	348.07	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417489	5405306	0.09323	349.95	349.95	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417489	5405106	0.09171	352.34	352.34	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	416489	5405906	0.10711	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5405706	0.09808	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5405506	0.08731	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5405306	0.0802	349	349	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	416489	5405106	0.0769	350.98	350.98	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	416289	5405906	0.10645	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5405706	0.09926	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5405506	0.09006	347.84	347.84	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5405306	0.07985	351.47	351.47	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416289	5405106	0.07602	359.11	359.11	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	416089	5405906	0.10467	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5405706	0.09957	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5405506	0.09188	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5405306	0.08276	350.6	350.6	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416089	5405106	0.07614	361	361	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	415889	5405906	0.10175	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415889	5405706	0.09859	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	415889	5405506	0.09282	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415889	5405306	0.08538	356.47	356.47	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415889	5405106	0.07607	360	360	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415689	5405906	0.09857	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415689	5405706	0.09669	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415689	5405506	0.09268	348.64	348.64	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415689	5405306	0.08661	352.29	360	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415689	5405106	0.07879	357.88	357.88	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5405906	0.09496	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5405706	0.0941	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5405506	0.0915	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5405306	0.08695	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5405106	0.08045	353.88	353.88	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415289	5405906	0.09115	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415289	5405706	0.09098	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415289	5405506	0.0896	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415289	5405306	0.08645	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415289	5405106	0.08128	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415089	5405906	0.08744	345.76	345.76	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415089	5405706	0.08762	345.96	345.96	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415089	5405506	0.087	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415089	5405306	0.08504	346.52	346.52	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415089	5405106	0.08131	347.49	347.49	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414889	5405906	0.08365	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414889	5405706	0.0841	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414889	5405506	0.08412	344.98	344.98	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414889	5405306	0.08315	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414889	5405106	0.0806	346.01	346.01	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414689	5405906	0.08029	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414689	5405706	0.0808	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414689	5405506	0.08114	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414689	5405306	0.08084	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414689	5405106	0.07938	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5405906	0.07715	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5405706	0.07762	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5405506	0.0781	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5405306	0.07824	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5405106	0.07758	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414289	5405906	0.07424	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414289	5405706	0.07462	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414289	5405506	0.07513	345.13	345.13	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414289	5405306	0.07556	346.78	346.78	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414289	5405106	0.07545	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414089	5405906	0.07148	342.01	342.01	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414089	5405706	0.0718	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414089	5405506	0.07226	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414089	5405306	0.07281	346.91	346.91	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414089	5405106	0.07304	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413889	5405906	0.06899	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413889	5405706	0.06913	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413889	5405506	0.06955	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413889	5405306	0.07005	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413889	5405106	0.07042	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413689	5405906	0.06661	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413689	5405706	0.06665	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413689	5405506	0.06696	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413689	5405306	0.06734	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413689	5405106	0.06773	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5405906	0.06446	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5405706	0.06435	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5405506	0.06454	342.87	342.87	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5405306	0.06479	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	413489	5405106	0.06516	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414289	5406106	0.0741	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414289	5406306	0.07415	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414289	5406506	0.07429	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414289	5406706	0.07466	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414289	5406906	0.07548	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414289	5407906	0.08742	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414289	5408106	0.08776	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414289	5408306	0.08656	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414289	5408506	0.08451	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414289	5408706	0.08235	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414289	5408906	0.08028	348.63	348.63	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414289	5409106	0.07791	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414089	5406106	0.07144	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414089	5406306	0.07154	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414089	5406506	0.0718	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414089	5406706	0.07223	340.21	340.21	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414089	5406906	0.07314	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414089	5408106	0.08461	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414089	5408306	0.08322	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414089	5408506	0.08119	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414089	5408706	0.07915	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414089	5408906	0.07718	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414089	5409106	0.07492	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413889	5406106	0.06904	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413889	5406306	0.06917	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413889	5406506	0.06952	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413889	5406706	0.07007	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413889	5406906	0.07112	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413889	5408106	0.08157	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413889	5408306	0.08004	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413889	5408506	0.07806	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413889	5408706	0.07615	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413889	5408906	0.07431	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413889	5409106	0.07214	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413689	5406106	0.06672	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413689	5406306	0.06693	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413689	5406506	0.0673	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413689	5406706	0.068	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413689	5406906	0.06924	344.89	344.89	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413689	5407106	0.07127	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413689	5407306	0.07393	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413689	5407506	0.07835	345	345	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	413689	5407706	0.08001	344	344	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	413689	5407906	0.07931	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413689	5408106	0.07865	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413689	5408306	0.07702	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413689	5408506	0.07517	346.97	346.97	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413689	5408706	0.07339	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413689	5408906	0.07162	348.18	348.18	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413689	5409106	0.06966	351.83	351.83	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5406106	0.06459	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5406306	0.06481	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5406506	0.06514	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5406706	0.06591	341.66	341.66	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5406906	0.06741	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5407106	0.06962	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5407306	0.07235	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5407506	0.07706	346.62	346.62	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	413489	5407706	0.07743	345	345	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	413489	5407906	0.07681	344.06	344.06	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5408106	0.07584	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	413489	5408306	0.07415	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5408506	0.07233	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5408706	0.07073	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5408906	0.06911	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5409106	0.06791	361.75	361.75	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5409606	0.06006	358	358	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5410106	0.06013	357	357	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5410606	0.0718	355	355	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5411106	0.07695	356	356	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5411606	0.06567	357	357	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5412106	0.05262	356	356	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413989	5409606	0.06463	361	361	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413989	5410106	0.06402	359	359	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413989	5410606	0.07903	357	357	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413989	5411106	0.08696	363.64	363.64	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413989	5411606	0.06716	363	363	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413989	5412106	0.05407	360	360	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5409606	0.0726	357.99	357.99	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5410106	0.06764	362.35	362.35	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5410606	0.08778	359	359	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5411106	0.09064	360	360	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5411606	0.07058	361	361	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5412106	0.0565	363	363	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414989	5409606	0.08075	352.32	352.32	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414989	5410106	0.07761	360	360	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414989	5410606	0.09853	361	361	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414989	5411106	0.09868	364	364	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414989	5411606	0.07167	368	368	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414989	5412106	0.05984	366	366	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5409606	0.08998	352	352	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5410106	0.09051	355	355	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5410606	0.11057	361.86	361.86	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5411106	0.10508	366.4	366.4	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5411606	0.07505	370	370	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5412106	0.06746	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	415989	5409606	0.10103	353	353	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415989	5410106	0.10172	353.31	353.31	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415989	5410606	0.12242	360	360	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415989	5411106	0.11096	362	362	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415989	5411606	0.08278	360.33	360.33	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415989	5412106	0.07941	367.9	367.9	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	416489	5409606	0.1142	352	352	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5410106	0.11539	354	354	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5410606	0.13431	353.47	353.47	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5411106	0.11686	368.67	369	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5411606	0.08913	359.36	359.36	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5412106	0.0943	360.18	360.18	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	416989	5409606	0.13008	349.41	349.41	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416989	5410106	0.13168	351	351	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416989	5410606	0.15064	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416989	5411106	0.12737	355.37	355.37	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416989	5411606	0.09574	361.02	361.02	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416989	5412106	0.11053	360	360	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	417489	5409606	0.14965	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5410106	0.15145	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5410606	0.17014	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5411106	0.13697	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5411606	0.11221	365.28	365.28	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	417489	5412106	0.12939	369.67	369.67	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	417989	5409606	0.17432	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417989	5410106	0.17669	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417989	5410606	0.19299	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	417989	5411106	0.14897	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417989	5411606	0.13917	357.92	357.92	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	417989	5412106	0.1453	366	366	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	418489	5409606	0.20673	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	418489	5410106	0.20928	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	418489	5410606	0.22021	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	418989	5409606	0.25124	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	418989	5410106	0.25337	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	418989	5410606	0.25429	351	351	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	419489	5409606	0.31262	351.16	351.16	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	419489	5410106	0.3143	355.27	355.27	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	419489	5410606	0.29587	356	356	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417989	5409106	0.19682	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417989	5408606	0.19685	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417989	5408106	0.17873	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417989	5407606	0.17501	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417989	5407106	0.17104	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417989	5406606	0.14075	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417989	5406106	0.11331	343.99	343.99	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417989	5405606	0.10648	348	348	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417989	5405106	0.09898	354	354	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417989	5404606	0.08682	359.29	359.29	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417989	5404106	0.0844	353.81	353.81	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417989	5403606	0.08699	345	345	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417989	5403106	0.08951	356.37	356.37	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417989	5402606	0.08222	354	354	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417989	5402106	0.07101	352.54	352.54	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	418489	5409106	0.23324	344.89	344.89	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	418489	5408606	0.22485	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	418489	5408106	0.20652	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	418489	5407606	0.20457	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	418489	5407106	0.18287	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	418489	5406606	0.13697	343	343	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	418489	5406106	0.12597	346	346	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	418489	5405606	0.11587	343	343	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	418489	5405106	0.10362	345.29	345.29	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	418489	5404606	0.09947	349	349	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	418489	5404106	0.10336	356.33	356.33	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	418489	5403606	0.10039	345.46	345.46	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	418489	5403106	0.0895	358.05	358.05	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	418489	5402606	0.08231	363.83	370	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	418489	5402106	0.07261	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	418989	5409106	0.28027	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	418989	5408606	0.2604	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	418989	5408106	0.24525	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	418989	5407606	0.23408	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	418989	5407106	0.17906	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	418989	5406606	0.153	347	347	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	418989	5406106	0.14028	347	347	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	418989	5405606	0.12538	350.74	350.74	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	418989	5405106	0.11925	347	347	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	418989	5404606	0.12192	352	352	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	418989	5404106	0.11523	355.19	355.19	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	418989	5403606	0.09926	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	418989	5403106	0.09071	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	418989	5402606	0.07921	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	418989	5402106	0.06562	361.55	371	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	419489	5409106	0.34009	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	419489	5408606	0.30929	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	419489	5408106	0.29477	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	419489	5407606	0.24721	343.15	343.15	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	419489	5407106	0.19088	346	346	0 MONTH	WMRS	1ST		1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	419489	5406606	0.17317	348.32	348.32	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	419489	5405606	0.14727	354	354	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	419489	5405106	0.14497	349	349	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	419489	5404606	0.12927	351	351	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	419489	5404106	0.11548	354	354	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	419489	5403606	0.10171	355	355	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	419489	5403106	0.087	355	355	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	419489	5402606	0.07652	355	355	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	419489	5402106	0.07179	355	355	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	419989	5409106	0.41974	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	419989	5406606	0.19409	348	348	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	419989	5405606	0.17608	357	357	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	419989	5405106	0.14979	351.23	351.23	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	419989	5404606	0.13369	348	348	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	419989	5404106	0.11436	351.63	351.63	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	419989	5403606	0.09891	352	352	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	419989	5403106	0.09149	353	353	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	419989	5402606	0.08992	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	419989	5402106	0.08984	358.53	358.53	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	420489	5409106	0.52864	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	420489	5408606	0.47907	345.95	345.95	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	420489	5408106	0.35953	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	420489	5405606	0.18488	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	420489	5405106	0.15776	354.81	354.81	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	420489	5404606	0.1331	349	349	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	420489	5404106	0.12032	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	420489	5403606	0.11566	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	420489	5403106	0.11615	357.19	357.19	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	420489	5402606	0.11296	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	420489	5402106	0.10815	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	417489	5404606	0.08506	360	360	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417489	5404106	0.07551	349	349	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417489	5403606	0.07208	350	350	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417489	5403106	0.07478	345	345	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417489	5402606	0.07812	349	349	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	417489	5402106	0.07545	355	355	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	416989	5404606	0.0799	356.24	356.24	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	416989	5404106	0.07328	347.17	347.17	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	416989	5403606	0.06543	346	346	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	416989	5403106	0.06228	346	346	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	416989	5402606	0.06483	345	345	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	416989	5402106	0.06867	347	347	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	416489	5404606	0.07251	350.43	350.43	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	416489	5404106	0.06993	348	348	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	416489	5403606	0.0643	348	348	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	416489	5403106	0.05748	347	347	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	416489	5402606	0.0551	345	345	0 MONTH	WMRS	1ST		4/30/1996 24 hr
PINEGEN	416489	5402106	0.05672	346	346	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	415989	5404606	0.06643	358.85	358.85	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	415989	5404106	0.06436	353.53	353.53	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	415989	5403606	0.06208	348.94	348.94	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	415989	5403106	0.05685	347	347	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	415989	5402606	0.05082	344.77	344.77	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	415989	5402106	0.04968	344	344	0 MONTH	WMRS	1ST		4/30/1996 24 hr
PINEGEN	415489	5404606	0.06441	350.18	350.18	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	415489	5404106	0.05895	349.74	349.74	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	415489	5403606	0.05744	348	348	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	415489	5403106	0.05543	347	347	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	415489	5402606	0.05061	345	345	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	415489	5402106	0.04531	343	343	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	414989	5404606	0.06605	348.54	348.54	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414989	5404106	0.05591	349	349	0 MONTH	WMRS	1ST		1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	414989	5403606	0.05259	347	347	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	414989	5403106	0.05175	345	345	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	414989	5402606	0.04977	344	344	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	414989	5402106	0.04534	342	342	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	414489	5404606	0.06976	349.15	349.15	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5404106	0.05542	349	349	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	414489	5403606	0.04949	347	347	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	414489	5403106	0.04738	342.37	342.37	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	414489	5402606	0.04693	342	342	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	414489	5402106	0.04495	341	341	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	413989	5404606	0.06943	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413989	5404106	0.05917	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413989	5403606	0.04903	346.63	346.63	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	413989	5403106	0.04418	341	341	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	413989	5402606	0.04313	340	340	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	413989	5402106	0.0429	343	343	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	413489	5404606	0.06541	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5404106	0.06103	347.02	347.02	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5403606	0.04955	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5403106	0.04317	340	340	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	413489	5402606	0.04005	341	341	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	413489	5402106	0.03972	344.46	344.46	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	412989	5404606	0.06049	339	339	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412989	5404106	0.05947	339	339	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412989	5403606	0.05264	338.18	338.18	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412989	5403106	0.04295	341	341	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	412989	5402606	0.03842	344	344	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	412989	5402106	0.03675	346	346	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	412489	5404606	0.05547	338	338	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412489	5404106	0.05622	338.86	338.86	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412489	5403606	0.05357	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412489	5403106	0.04546	343.96	343.96	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412489	5402606	0.03899	348	348	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	412489	5402106	0.03491	348	348	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	411989	5404606	0.05106	339	339	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411989	5404106	0.05202	337	337	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411989	5403606	0.05193	339	339	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411989	5403106	0.04759	342.3	342.3	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411989	5402606	0.03893	351	351	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411989	5402106	0.03516	349	349	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	411489	5404606	0.04734	340.02	340.02	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411489	5404106	0.04786	335	335	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411489	5403606	0.04893	339	339	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411489	5403106	0.04762	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411489	5402606	0.04186	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411489	5402106	0.03485	348	348	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	410989	5404606	0.04419	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410989	5404106	0.0443	336	336	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410989	5403606	0.04543	339	339	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410989	5403106	0.04587	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410989	5402606	0.0431	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410989	5402106	0.03663	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410489	5404606	0.04157	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410489	5404106	0.0412	335	335	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410489	5403606	0.04198	337.41	337.41	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410489	5403106	0.04324	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410489	5402606	0.04262	348.05	348.05	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410489	5402106	0.03846	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412989	5405106	0.05951	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412989	5405606	0.05924	339	339	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412989	5406106	0.05989	342.28	342.28	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412989	5406606	0.0613	348.53	367	0 MONTH	WMRS	1ST		1/31/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	412989	5407106	0.06607	353	353	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412989	5407606	0.07216	348	348	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	412989	5408106	0.06941	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412989	5408606	0.06544	347.82	347.82	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412989	5409106	0.06182	359	359	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412989	5409606	0.05383	361	361	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412989	5410106	0.05308	359	359	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412989	5410606	0.06552	355	355	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412989	5411106	0.07161	354	354	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412989	5411606	0.06276	356	356	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412989	5412106	0.04964	359	359	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412489	5405106	0.05479	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412489	5405606	0.05511	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412489	5406106	0.05574	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412489	5406606	0.05749	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412489	5407106	0.06408	348	348	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	412489	5407606	0.06615	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412489	5408106	0.06365	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412489	5408606	0.06023	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412489	5409106	0.05676	355	355	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412489	5409606	0.05055	358.02	358.02	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412489	5410106	0.05042	356.55	356.55	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412489	5410606	0.05989	352	352	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412489	5411106	0.06674	354	354	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412489	5411606	0.06014	358.99	358.99	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412489	5412106	0.04741	360	360	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411989	5405106	0.05096	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411989	5405606	0.05141	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411989	5406106	0.05189	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411989	5406606	0.05425	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411989	5407106	0.06227	346	346	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	411989	5407606	0.06146	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411989	5408106	0.0585	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411989	5408606	0.05565	351.14	351.14	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411989	5409106	0.05243	355	355	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411989	5409606	0.04692	351	351	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411989	5410106	0.04634	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411989	5410606	0.05494	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411989	5411106	0.06228	356	356	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411989	5411606	0.05786	360	360	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411989	5412106	0.04616	358.84	358.84	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411489	5405106	0.04763	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411489	5405606	0.0481	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411489	5406106	0.04874	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411489	5406606	0.0518	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411489	5407106	0.05965	348	348	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	411489	5407606	0.05707	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411489	5408106	0.05391	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411489	5408606	0.05163	352	352	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411489	5409106	0.04849	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411489	5409606	0.04344	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411489	5410106	0.04283	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411489	5410606	0.05058	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411489	5411106	0.05805	353.73	353.73	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411489	5411606	0.05502	358	358	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411489	5412106	0.04519	355	355	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410989	5405106	0.04471	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410989	5405606	0.04504	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410989	5406106	0.046	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410989	5406606	0.05034	347	347	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	410989	5407106	0.05621	349	349	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	410989	5407606	0.05299	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	410989	5408106	0.04991	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410989	5408606	0.04803	351	351	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410989	5409106	0.04503	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410989	5409606	0.04036	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410989	5410106	0.0397	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410989	5410606	0.04669	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410989	5411106	0.05418	353	353	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410989	5411606	0.05234	354	354	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410989	5412106	0.04368	350.65	350.65	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410489	5405106	0.04204	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410489	5405606	0.04228	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410489	5406106	0.04371	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410489	5406606	0.05011	347	347	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	410489	5407106	0.05219	348	348	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	410489	5407606	0.04913	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410489	5408106	0.04637	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410489	5408606	0.04478	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410489	5409106	0.04193	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410489	5409606	0.03753	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410489	5410106	0.03686	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410489	5410606	0.04323	347.45	347.45	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410489	5411106	0.05056	349.99	349.99	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410489	5411606	0.04973	344.49	344.49	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410489	5412106	0.04229	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410489	5413106	0.03078	353.38	353.38	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	410489	5414106	0.03459	361.45	361.45	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	410489	5415106	0.03677	361	361	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	410489	5416106	0.02613	366	366	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	410489	5417106	0.02416	369	369	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411489	5413106	0.03454	350	350	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	411489	5414106	0.04149	357	357	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	411489	5415106	0.03733	354.84	354.84	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	411489	5416106	0.02878	358	358	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	411489	5417106	0.03325	365	365	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412489	5413106	0.04236	360	360	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	412489	5414106	0.04811	358.08	358.08	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	412489	5415106	0.03575	348.91	348.91	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	412489	5416106	0.03578	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	412489	5417106	0.0436	354	354	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5413106	0.05317	359.42	359.42	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	413489	5414106	0.05411	365.93	365.93	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	413489	5415106	0.03966	354.21	354.21	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5416106	0.048	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	413489	5417106	0.05188	352	352	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5413106	0.06668	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	414489	5414106	0.05118	368.83	368.83	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	414489	5415106	0.05007	365.71	365.71	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5416106	0.06167	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	414489	5417106	0.05872	351	351	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5413106	0.08151	369.94	369.94	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	415489	5414106	0.05349	379	379	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5415106	0.07479	370	370	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5416106	0.07259	362.74	362.74	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	415489	5417106	0.06301	355.43	355.43	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5413106	0.08166	364	364	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	416489	5414106	0.07714	388.13	388.13	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5415106	0.09191	368	368	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5416106	0.07952	361	361	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	416489	5417106	0.06531	361.66	361.66	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5413106	0.0932	364.93	370	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5414106	0.12113	367	367	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5415106	0.10194	380	380	0 MONTH	WMRS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	417489	5416106	0.08365	369	369	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	417489	5417106	0.09252	369.28	369.28	0 MONTH	WMRS	1ST		1/31/2000 24 hr
PINEGEN	418489	5414106	0.14769	369	369	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	418489	5415106	0.1095	379.99	379.99	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	418489	5416106	0.12007	372	372	0 MONTH	WMRS	1ST		1/31/2000 24 hr
PINEGEN	418489	5417106	0.08051	364.25	364.25	0 MONTH	WMRS	1ST		1/31/2000 24 hr
PINEGEN	419489	5413106	0.21335	379.3	379.3	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	419489	5414106	0.15675	372	372	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	419489	5415106	0.15257	380.64	380.64	0 MONTH	WMRS	1ST		1/31/2000 24 hr
PINEGEN	419489	5416106	0.10302	388	388	0 MONTH	WMRS	1ST		12/31/1996 24 hr
PINEGEN	419489	5417106	0.08458	377.72	377.72	0 MONTH	WMRS	1ST		12/31/1999 24 hr
PINEGEN	420489	5414106	0.19215	379.98	379.98	0 MONTH	WMRS	1ST		1/31/2000 24 hr
PINEGEN	420489	5415106	0.14265	380	380	0 MONTH	WMRS	1ST		12/31/1999 24 hr
PINEGEN	420489	5416106	0.12234	388.43	388.43	0 MONTH	WMRS	1ST		2/28/1998 24 hr
PINEGEN	420489	5417106	0.12583	391.83	391.83	0 MONTH	WMRS	1ST		2/28/1998 24 hr
PINEGEN	421489	5415106	0.22394	380.87	380.87	0 MONTH	WMRS	1ST		2/28/1998 24 hr
PINEGEN	421489	5416106	0.15141	390.79	398	0 MONTH	WMRS	1ST		2/28/1998 24 hr
PINEGEN	421489	5417106	0.11516	391.78	391.78	0 MONTH	WMRS	1ST		2/28/1998 24 hr
PINEGEN	422489	5415106	0.18366	387.48	387.48	0 MONTH	WMRS	1ST		8/31/1996 24 hr
PINEGEN	422489	5416106	0.13689	392	392	0 MONTH	WMRS	1ST		12/31/1999 24 hr
PINEGEN	422489	5417106	0.11361	400.18	400.18	0 MONTH	WMRS	1ST		12/31/1999 24 hr
PINEGEN	423489	5415106	0.23847	394.52	394.52	0 MONTH	WMRS	1ST		2/28/1998 24 hr
PINEGEN	423489	5416106	0.1857	394	394	0 MONTH	WMRS	1ST		2/28/1998 24 hr
PINEGEN	423489	5417106	0.15553	389	389	0 MONTH	WMRS	1ST		2/28/1998 24 hr
PINEGEN	424489	5415106	0.18044	393.34	393.34	0 MONTH	WMRS	1ST		2/28/1998 24 hr
PINEGEN	424489	5416106	0.17524	384	384	0 MONTH	WMRS	1ST		2/28/1998 24 hr
PINEGEN	424489	5417106	0.16276	377	377	0 MONTH	WMRS	1ST		2/28/1998 24 hr
PINEGEN	425489	5415106	0.23265	378	378	0 MONTH	WMRS	1ST		2/29/2000 24 hr
PINEGEN	425489	5416106	0.15004	377.78	377.78	0 MONTH	WMRS	1ST		2/29/2000 24 hr
PINEGEN	425489	5417106	0.11122	377.38	377.38	0 MONTH	WMRS	1ST		2/28/1998 24 hr
PINEGEN	421489	5408106	0.52129	351	351	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	421489	5407106	0.36137	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	421489	5404106	0.18007	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	421489	5403106	0.13857	364	364	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	421489	5402106	0.11132	365	365	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	421489	5401106	0.09364	369.45	369.45	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	421489	5400106	0.08239	362	362	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	421489	5399106	0.07246	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	421489	5398106	0.06564	370	370	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	421489	5397106	0.05838	365	365	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	422489	5408106	0.9124	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	422489	5407106	0.57251	358.1	358.1	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	422489	5406106	0.37214	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	422489	5405106	0.26312	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	422489	5404106	0.19711	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	422489	5403106	0.15911	374.96	374.96	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	422489	5402106	0.12734	372	372	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	422489	5401106	0.10282	370	370	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	422489	5400106	0.08399	368.12	368.12	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	422489	5399106	0.06931	363.71	363.71	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	422489	5398106	0.0583	369	369	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	422489	5397106	0.04944	366.36	366.36	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	423489	5408106	0.94366	354	354	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	423489	5406106	0.27922	361	361	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	423489	5405106	0.19234	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	423489	5404106	0.14176	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	423489	5403106	0.09898	376	376	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	423489	5402106	0.07887	376	376	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	423489	5401106	0.06408	378	378	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	423489	5400106	0.05398	375.48	375.48	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	423489	5399106	0.04705	367	367	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	423489	5398106	0.04013	370	370	0 MONTH	WMRS	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	423489	5397106	0.03591	362.4	362.4	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	424489	5406106	0.2227	369.19	369.19	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	424489	5405106	0.13809	368.07	368.07	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	424489	5404106	0.10627	361.08	366	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	424489	5403106	0.08444	377.23	377.23	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	424489	5402106	0.07333	378	378	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	424489	5401106	0.06431	376	376	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	424489	5400106	0.05664	373.06	373.06	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	424489	5399106	0.05035	370	370	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	424489	5398106	0.04551	365	365	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	424489	5397106	0.04261	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	425489	5407106	0.44609	366.67	366.67	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	425489	5406106	0.21087	378.68	378.68	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	425489	5405106	0.17279	362	362	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	425489	5404106	0.1229	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	425489	5403106	0.08645	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	425489	5402106	0.06911	377.99	377.99	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	425489	5401106	0.05767	375	375	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	425489	5400106	0.0438	370	370	0 MONTH	WMRS	1ST		8/31/1999 24 hr
PINEGEN	425489	5399106	0.03887	368	368	0 MONTH	WMRS	1ST		3/31/1997 24 hr
PINEGEN	425489	5398106	0.03346	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	425489	5397106	0.03111	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	420489	5401106	0.09195	364	364	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	420489	5400106	0.0777	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	420489	5399106	0.067	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	420489	5398106	0.05684	361	361	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	420489	5397106	0.05059	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	419489	5401106	0.07171	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	419489	5400106	0.07193	361.28	361.28	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	419489	5399106	0.06502	355	355	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	419489	5398106	0.05746	359.29	359.29	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	419489	5397106	0.04954	370.8	370.8	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	418489	5401106	0.05204	362.6	362.6	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	418489	5400106	0.04418	363	363	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	418489	5399106	0.04889	354	354	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	418489	5398106	0.04998	354.91	354.91	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	418489	5397106	0.04909	364.03	364.03	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	417489	5401106	0.05981	351	351	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	417489	5400106	0.04862	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	417489	5399106	0.03792	350	350	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	417489	5398106	0.03419	349	349	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	417489	5397106	0.03551	354	354	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	416489	5401106	0.06186	348.07	348.07	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	416489	5400106	0.0506	354.16	354.16	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	416489	5399106	0.04332	347	347	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	416489	5398106	0.03462	350	350	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	416489	5397106	0.02787	351	351	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	415489	5401106	0.04436	347	347	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	415489	5400106	0.05057	347	347	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	415489	5399106	0.04649	348	348	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	415489	5398106	0.03756	346	346	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	415489	5397106	0.03234	349.43	349.43	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	414489	5401106	0.03757	344.99	344.99	0 MONTH	WMRS	1ST		4/30/1996 24 hr
PINEGEN	414489	5400106	0.03673	345	345	0 MONTH	WMRS	1ST		4/30/1996 24 hr
PINEGEN	414489	5399106	0.04144	348.68	348.68	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	414489	5398106	0.04193	350	350	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	414489	5397106	0.03303	348	348	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	413489	5401106	0.03752	350	350	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	413489	5400106	0.03207	348.95	348.95	0 MONTH	WMRS	1ST		4/30/1996 24 hr
PINEGEN	413489	5399106	0.03159	342	342	0 MONTH	WMRS	1ST		4/30/1996 24 hr
PINEGEN	413489	5398106	0.03394	343	343	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	413489	5397106	0.03675	346	346	0 MONTH	WMRS	1ST		1/31/1999 24 hr

Discrete FX	Y	Concetr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
PINEGEN	412489	5401106	0.03402	345.75	345.75	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	412489	5400106	0.03163	347	347	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	412489	5399106	0.02777	350	350	0 MONTH	WMRS	1ST		4/30/1996 24 hr
PINEGEN	412489	5398106	0.0275	336.36	336.36	0 MONTH	WMRS	1ST		4/30/1996 24 hr
PINEGEN	412489	5397106	0.0284	352	352	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	411489	5401106	0.02933	341.01	341.01	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	411489	5400106	0.02946	340	340	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	411489	5399106	0.02698	339.84	339.84	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	411489	5398106	0.02418	338	338	0 MONTH	WMRS	1ST		4/30/1996 24 hr
PINEGEN	411489	5397106	0.02431	337	337	0 MONTH	WMRS	1ST		4/30/1996 24 hr
PINEGEN	410489	5401106	0.02889	336	336	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	410489	5400106	0.02536	333	333	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	410489	5399106	0.02576	333	333	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	410489	5398106	0.02328	333	333	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	410489	5397106	0.02141	336	336	0 MONTH	WMRS	1ST		4/30/1996 24 hr
PINEGEN	409489	5401106	0.02942	331.92	331.92	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	409489	5400106	0.02393	332	332	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	409489	5399106	0.02247	330	330	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	409489	5398106	0.02277	331	331	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	409489	5397106	0.02035	332	332	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	408489	5401106	0.03238	339	339	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	408489	5400106	0.02411	332.35	332.35	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	408489	5399106	0.02021	336	336	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	408489	5398106	0.0202	330	330	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	408489	5397106	0.02029	332	332	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	407489	5401106	0.031	335.77	335.77	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	407489	5400106	0.02647	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	407489	5399106	0.02112	341.44	341.44	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	407489	5398106	0.01781	330	330	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	407489	5397106	0.01833	330	330	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	406489	5401106	0.02768	338	338	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	406489	5400106	0.02754	338	338	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	406489	5399106	0.0209	334	334	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	406489	5398106	0.01811	330	330	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	406489	5397106	0.01607	330	330	0 MONTH	WMRS	1ST		1/31/1999 24 hr
PINEGEN	405489	5401106	0.0244	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	405489	5400106	0.02584	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	405489	5399106	0.02344	332	332	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	405489	5398106	0.01801	330	330	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	405489	5397106	0.01551	330	330	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	409489	5402106	0.03794	336	336	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	409489	5403106	0.03703	335	335	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	409489	5404106	0.03653	336.7	336.7	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	409489	5405106	0.03728	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	409489	5406106	0.04029	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	409489	5407106	0.0447	344.53	344.53	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	409489	5408106	0.04032	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	409489	5409106	0.03665	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	409489	5410106	0.03205	340.89	340.89	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	409489	5411106	0.04423	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	409489	5412106	0.03985	355.12	355.12	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	409489	5413106	0.02813	359.32	359.32	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	409489	5414106	0.02938	355	355	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	409489	5415106	0.033	360	360	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	409489	5416106	0.02816	361.39	361.39	0 MONTH	WMRS	1ST		12/31/1997 24 hr
PINEGEN	409489	5417106	0.02188	361.64	361.64	0 MONTH	WMRS	1ST		12/31/1999 24 hr
PINEGEN	408489	5402106	0.03383	330	330	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	408489	5403106	0.03234	333	333	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	408489	5404106	0.03291	335	335	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	408489	5405106	0.03325	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
PINEGEN	408489	5406106	0.04042	341	341	0 MONTH	WMRS	1ST		12/31/2000 24 hr
PINEGEN	408489	5407106	0.03924	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON	
PINEGEN	408489	5408106	0.03562	340	340	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	408489	5409106	0.03233	341	341	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	408489	5410106	0.02824	343	343	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	408489	5411106	0.03881	344	344	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	408489	5412106	0.03746	354.96	354.96	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	408489	5413106	0.02676	354	354	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	408489	5414106	0.02484	357	357	0	MONTH	WMRS	1ST	12/31/1997	24 hr
PINEGEN	408489	5415106	0.02871	358	358	0	MONTH	WMRS	1ST	12/31/1997	24 hr
PINEGEN	408489	5416106	0.02818	359.51	359.51	0	MONTH	WMRS	1ST	12/31/1997	24 hr
PINEGEN	408489	5417106	0.02055	349	349	0	MONTH	WMRS	1ST	12/31/1997	24 hr
PINEGEN	407489	5402106	0.02954	331	331	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	407489	5403106	0.02896	330	330	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	407489	5404106	0.02974	332	332	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	407489	5405106	0.03012	334	334	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	407489	5406106	0.03851	334	334	0	MONTH	WMRS	1ST	12/31/2000	24 hr
PINEGEN	407489	5407106	0.03445	341	341	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	407489	5408106	0.03192	342	342	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	407489	5409106	0.02881	345	345	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	407489	5410106	0.0256	348	348	0	MONTH	WMRS	1ST	9/30/1996	24 hr
PINEGEN	407489	5411106	0.03439	351	351	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	407489	5412106	0.03528	358	358	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	407489	5413106	0.02477	359.74	359.74	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	407489	5414106	0.02069	368	368	0	MONTH	WMRS	1ST	12/31/1997	24 hr
PINEGEN	407489	5415106	0.0248	358.6	358.6	0	MONTH	WMRS	1ST	12/31/1997	24 hr
PINEGEN	407489	5416106	0.02761	366	366	0	MONTH	WMRS	1ST	12/31/1997	24 hr
PINEGEN	407489	5417106	0.02173	346	346	0	MONTH	WMRS	1ST	12/31/1997	24 hr
PINEGEN	406489	5402106	0.02632	338	338	0	MONTH	WMRS	1ST	1/31/1999	24 hr
PINEGEN	406489	5403106	0.02653	331	331	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	406489	5404106	0.02687	332.01	341	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	406489	5405106	0.02814	338	338	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	406489	5406106	0.03553	341	341	0	MONTH	WMRS	1ST	12/31/2000	24 hr
PINEGEN	406489	5407106	0.03044	344	344	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	406489	5408106	0.02888	346	346	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	406489	5409106	0.02583	349	349	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	406489	5410106	0.02346	356	356	0	MONTH	WMRS	1ST	9/30/1996	24 hr
PINEGEN	406489	5411106	0.03074	361	361	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	406489	5412106	0.03456	364	364	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	406489	5413106	0.02334	361	361	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	406489	5414106	0.01932	358.62	358.62	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	406489	5415106	0.0216	349	349	0	MONTH	WMRS	1ST	12/31/1997	24 hr
PINEGEN	406489	5416106	0.02387	350	350	0	MONTH	WMRS	1ST	12/31/1997	24 hr
PINEGEN	406489	5417106	0.02199	342	342	0	MONTH	WMRS	1ST	12/31/1997	24 hr
PINEGEN	405489	5402106	0.02492	339	339	0	MONTH	WMRS	1ST	1/31/1999	24 hr
PINEGEN	405489	5403106	0.02451	334	334	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	405489	5404106	0.02436	334	334	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	405489	5405106	0.02818	338.46	338.46	0	MONTH	WMRS	1ST	12/31/2000	24 hr
PINEGEN	405489	5406106	0.03148	341	341	0	MONTH	WMRS	1ST	12/31/2000	24 hr
PINEGEN	405489	5407106	0.02705	342	342	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	405489	5408106	0.02622	343	343	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	405489	5409106	0.02322	344	344	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	405489	5410106	0.02155	353	353	0	MONTH	WMRS	1ST	9/30/1996	24 hr
PINEGEN	405489	5411106	0.02715	362.66	362.66	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	405489	5412106	0.03315	366	366	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	405489	5413106	0.02257	360	360	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	405489	5414106	0.0183	351.67	351.67	0	MONTH	WMRS	1ST	1/31/1998	24 hr
PINEGEN	405489	5415106	0.01877	345	345	0	MONTH	WMRS	1ST	12/31/1997	24 hr
PINEGEN	405489	5416106	0.02121	349	349	0	MONTH	WMRS	1ST	12/31/1997	24 hr
PINEGEN	405489	5417106	0.0214	343	343	0	MONTH	WMRS	1ST	12/31/1997	24 hr
TMA	420878	5414263	0.18808	376	376	0	MONTH	WMRS	1ST	12/31/1999	24 hr
TMA	420878	5414283	0.18726	376	376	0	MONTH	WMRS	1ST	12/31/1999	24 hr
TMA	420878	5414303	0.18643	376	376	0	MONTH	WMRS	1ST	12/31/1999	24 hr
TMA	420878	5414323	0.18569	375.78	375.78	0	MONTH	WMRS	1ST	12/31/1999	24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420878	5414343	0.18507	375.31	375.31	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420878	5414363	0.18435	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420878	5414383	0.18347	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420878	5414403	0.18259	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420878	5414423	0.18171	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420878	5414443	0.18081	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420898	5414263	0.189	376	376	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420898	5414283	0.18815	376	376	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420898	5414303	0.18728	376	376	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420898	5414323	0.18677	375.29	375.29	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420898	5414343	0.18602	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420898	5414363	0.18513	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420898	5414383	0.18424	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420898	5414403	0.18333	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420898	5414423	0.18242	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420898	5414443	0.18152	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420918	5414263	0.18996	375.87	375.87	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420918	5414283	0.18951	375.03	375.03	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420918	5414303	0.18861	375.05	375.05	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420918	5414323	0.18771	375.02	375.02	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420918	5414343	0.18682	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420918	5414363	0.1859	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420918	5414383	0.18498	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420918	5414403	0.18407	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420918	5414423	0.18314	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420918	5414443	0.18222	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420938	5414263	0.19129	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420938	5414283	0.19037	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420938	5414303	0.18945	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420938	5414323	0.18853	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420938	5414343	0.18759	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420938	5414363	0.18666	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420938	5414383	0.18573	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420938	5414403	0.18479	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420938	5414423	0.18386	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420938	5414443	0.18293	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420958	5414263	0.19214	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420958	5414283	0.19121	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420958	5414303	0.19026	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420958	5414323	0.18931	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420958	5414343	0.18837	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420958	5414363	0.18741	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420958	5414383	0.18646	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420958	5414403	0.18552	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420958	5414423	0.18458	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420958	5414443	0.18363	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420978	5414263	0.19299	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420978	5414283	0.19202	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420978	5414303	0.19106	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420978	5414323	0.1901	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420978	5414343	0.18913	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420978	5414363	0.18817	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420978	5414383	0.18721	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420978	5414403	0.18625	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420978	5414423	0.1853	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420978	5414443	0.18436	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420998	5414263	0.19394	374.77	374.77	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420998	5414283	0.19295	374.8	374.8	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420998	5414303	0.19186	374.98	374.98	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420998	5414323	0.19088	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420998	5414343	0.1899	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420998	5414363	0.18892	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420998	5414383	0.18796	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420998	5414403	0.187	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420998	5414423	0.18603	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420998	5414443	0.18508	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421018	5414263	0.1952	374	374	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421018	5414283	0.19419	374.03	374.03	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421018	5414303	0.19296	374.46	374.46	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421018	5414323	0.19172	374.9	374.9	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421018	5414343	0.19067	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421018	5414363	0.18969	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421018	5414383	0.18871	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421018	5414403	0.18774	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421018	5414423	0.18678	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421018	5414443	0.18583	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421038	5414263	0.19594	374.17	374.17	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421038	5414283	0.19456	374.82	374.82	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421038	5414303	0.19356	374.81	374.81	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421038	5414323	0.19247	374.96	374.96	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421038	5414343	0.19145	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421038	5414363	0.19046	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421038	5414383	0.18948	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421038	5414403	0.18851	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421038	5414423	0.18754	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421038	5414443	0.18658	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421058	5414263	0.19628	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421058	5414283	0.19527	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421058	5414303	0.19425	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421058	5414323	0.19324	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421058	5414343	0.19224	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421058	5414363	0.19125	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421058	5414383	0.19026	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421058	5414403	0.18927	375.01	375.01	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421058	5414423	0.18831	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421058	5414443	0.18735	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421078	5414263	0.19712	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421078	5414283	0.19608	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421078	5414303	0.19506	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421078	5414323	0.19405	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421078	5414343	0.19287	375.26	375.26	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421078	5414363	0.1918	375.37	375.37	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421078	5414383	0.19082	375.35	375.35	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421078	5414403	0.18974	375.51	375.51	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421078	5414423	0.18844	376	376	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421078	5414443	0.18748	376	376	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421098	5414263	0.19782	375.19	375.19	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421098	5414283	0.19641	375.75	375.75	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421098	5414303	0.19539	375.73	375.73	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421098	5414323	0.19438	375.71	375.71	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421098	5414343	0.19324	375.91	375.91	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421098	5414363	0.19217	376	376	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421098	5414383	0.19118	376	376	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421098	5414403	0.1902	376	376	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421098	5414423	0.18923	376	376	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421098	5414443	0.18827	376	376	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421118	5414263	0.1981	376	376	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421118	5414283	0.19705	376.01	376.01	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421118	5414303	0.19599	376.04	376.04	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421118	5414323	0.19498	376.02	376.02	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421118	5414343	0.19398	376.01	376.01	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421118	5414363	0.19298	376	376	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421118	5414383	0.19168	376.42	376.42	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421118	5414403	0.19031	376.95	376.95	0 MONTH	WMRS	1ST		12/31/1999 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421118	5414423	0.18935	376.93	376.93	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421118	5414443	0.18841	376.91	376.91	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421138	5414263	0.19865	376.39	376.39	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421138	5414283	0.19755	376.45	376.45	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421138	5414303	0.19609	377	377	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421138	5414323	0.19507	377	377	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421138	5414343	0.19405	377	377	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421138	5414363	0.19305	377	377	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421138	5414383	0.19196	377.12	377.12	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421138	5414403	0.19087	377.26	377.26	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421138	5414423	0.18992	377.24	377.24	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421138	5414443	0.18897	377.22	377.22	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421158	5414263	0.19901	377	377	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421158	5414283	0.19796	377	377	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421158	5414303	0.19692	377	377	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421158	5414323	0.19544	377.56	377.56	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421158	5414343	0.19437	377.62	377.62	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421158	5414363	0.19337	377.61	377.61	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421158	5414383	0.19224	377.78	377.78	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421158	5414403	0.19107	378	378	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421158	5414423	0.1901	378	378	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421158	5414443	0.18914	378	378	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421178	5414263	0.1996	377.3	377.3	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421178	5414283	0.19797	377.99	377.99	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421178	5414303	0.19694	377.97	377.97	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421178	5414323	0.19589	377.99	377.99	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421178	5414343	0.19487	378	378	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421178	5414363	0.19386	378	378	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421178	5414383	0.1925	378.42	378.42	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421178	5414403	0.19112	378.88	378.88	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421178	5414423	0.19016	378.86	378.86	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421178	5414443	0.18922	378.84	378.84	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421198	5414263	0.19985	378	378	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421198	5414283	0.19879	378	378	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421198	5414303	0.19774	378.01	378.01	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421198	5414323	0.19651	378.23	378.23	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421198	5414343	0.19496	378.82	378.82	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421198	5414363	0.19379	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421198	5414383	0.19279	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421198	5414403	0.19175	379.06	379.06	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421198	5414423	0.19067	379.17	379.17	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421198	5414443	0.18972	379.15	379.15	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421218	5414263	0.20051	378.2	378.2	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421218	5414283	0.19907	378.61	378.61	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421218	5414303	0.19803	378.6	378.6	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421218	5414323	0.19666	378.96	378.96	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421218	5414343	0.1956	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421218	5414363	0.19459	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421218	5414383	0.19335	379.25	379.25	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421218	5414403	0.19195	379.68	379.68	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421218	5414423	0.19066	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421218	5414443	0.19145	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421238	5414263	0.20063	378.96	378.96	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421238	5414283	0.19953	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421238	5414303	0.19848	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421238	5414323	0.19744	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421238	5414343	0.1964	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421238	5414363	0.19487	379.54	379.54	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421238	5414383	0.19349	379.91	379.91	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421238	5414403	0.19418	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421238	5414423	0.19529	380.18	380.18	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421238	5414443	0.19589	380.69	380.69	0	MONTH	WMRS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421258	5414263	0.20142	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421258	5414283	0.2003	379.05	379.05	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421258	5414303	0.19903	379.26	379.26	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421258	5414323	0.19731	379.94	379.94	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421258	5414343	0.19621	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421258	5414363	0.19698	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421258	5414383	0.19825	380.07	380.07	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421258	5414403	0.19904	380.45	380.45	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421258	5414423	0.19952	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421258	5414443	0.20074	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421278	5414263	0.20224	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421278	5414283	0.20095	379.21	379.21	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421278	5414303	0.19908	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421278	5414323	0.19983	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421278	5414343	0.20123	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421278	5414363	0.20213	380.31	380.31	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421278	5414383	0.20278	380.74	380.74	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421278	5414403	0.20364	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421278	5414423	0.20468	381.1	381.1	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421278	5414443	0.20544	381.34	381.34	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421298	5414263	0.20273	379.31	379.31	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	421298	5414283	0.20293	379.88	379.88	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421298	5414303	0.20417	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421298	5414323	0.20553	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421298	5414343	0.20683	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421298	5414363	0.20709	380.68	380.68	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421298	5414383	0.2078	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421298	5414403	0.20848	381.3	381.3	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421298	5414423	0.20881	381.79	381.79	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421298	5414443	0.20957	381.96	381.96	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421318	5414263	0.20809	379.38	379.38	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421318	5414283	0.20856	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421318	5414303	0.20989	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421318	5414323	0.21115	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421318	5414343	0.21111	380.83	380.83	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421318	5414363	0.212	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421318	5414383	0.21222	381.56	381.56	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421318	5414403	0.21251	382.02	382.02	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421318	5414423	0.2135	382.02	382.02	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421318	5414443	0.21446	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421338	5414263	0.21392	379.39	379.39	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421338	5414283	0.21429	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421338	5414303	0.21551	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421338	5414323	0.21667	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421338	5414343	0.2165	380.84	380.84	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421338	5414363	0.21686	381.27	381.27	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421338	5414383	0.21711	381.73	381.73	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421338	5414403	0.21686	382.43	382.43	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421338	5414423	0.21674	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421338	5414443	0.21756	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421358	5414263	0.21964	379.4	379.4	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421358	5414283	0.21992	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421358	5414303	0.22088	380.1	380.1	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421358	5414323	0.22095	380.73	380.73	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421358	5414343	0.22158	380.96	380.96	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421358	5414363	0.22128	381.72	381.72	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421358	5414383	0.22099	382.39	382.39	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421358	5414403	0.22107	382.81	382.81	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421358	5414423	0.22112	383.2	383.2	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421358	5414443	0.22104	383.62	383.62	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5414263	0.22525	379.41	379.41	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5414283	0.22542	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421378	5414303	0.22642	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5414323	0.22734	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5414343	0.22686	380.87	380.87	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5414363	0.22624	381.73	381.73	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5414383	0.22548	382.59	382.59	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5414403	0.2246	383.44	383.44	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5414423	0.22422	383.97	383.97	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5414443	0.22475	384	384	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421398	5414263	0.23099	379.25	379.25	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421398	5414283	0.23121	379.72	379.72	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421398	5414303	0.23165	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421398	5414323	0.23244	380.01	380.01	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421398	5414343	0.23181	380.88	380.88	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421398	5414363	0.23105	381.74	381.74	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421398	5414383	0.23012	382.61	382.61	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421398	5414403	0.2288	383.6	383.6	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421398	5414423	0.22752	384.5	384.5	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421398	5414443	0.22683	385.05	385.05	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421418	5414263	0.23671	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421418	5414283	0.23706	379.3	379.3	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421418	5414303	0.23672	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421418	5414323	0.23736	380.03	380.03	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421418	5414343	0.23658	380.89	380.89	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421418	5414363	0.23566	381.75	381.75	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421418	5414383	0.23387	382.99	382.99	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421418	5414403	0.23176	384.27	384.27	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421418	5414423	0.23017	385.2	385.2	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421418	5414443	0.22954	385.64	385.64	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421438	5414263	0.24119	379.46	379.46	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421438	5414283	0.24101	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421438	5414303	0.24161	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421438	5414323	0.24209	380.04	380.04	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421438	5414343	0.24116	380.9	380.9	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421438	5414363	0.23875	382.48	382.48	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421438	5414383	0.23692	383.6	383.6	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421438	5414403	0.23442	384.93	384.93	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421438	5414423	0.23173	386.23	386.23	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421438	5414443	0.23045	386.86	386.86	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421458	5414263	0.2453	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421458	5414283	0.24584	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421458	5414303	0.246	380.19	380.19	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421458	5414323	0.24494	381.05	381.05	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421458	5414343	0.24375	381.91	381.91	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421458	5414363	0.24199	382.97	382.97	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421458	5414383	0.23934	384.36	384.36	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421458	5414403	0.23672	385.61	385.61	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421458	5414423	0.23462	386.55	386.55	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421458	5414443	0.23261	387.4	387.4	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5414263	0.25007	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5414283	0.25011	380.21	380.21	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5414303	0.24941	380.81	380.81	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5414323	0.24817	381.65	381.65	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5414343	0.24675	382.5	382.5	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5414363	0.24445	383.7	383.7	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5414383	0.24168	385	385	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5414403	0.2387	386.28	386.28	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5414423	0.23596	387.38	387.38	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5414443	0.23367	388.24	388.24	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421498	5414263	0.25295	380.95	380.95	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421498	5414283	0.2526	381.28	381.28	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421498	5414303	0.25156	381.93	381.93	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421498	5414323	0.25128	382.14	382.14	0	MONTH	WMRS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421498	5414343	0.24796	383.76	384	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421498	5414363	0.24602	384.66	384.66	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421498	5414383	0.24376	385.61	385.61	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421498	5414403	0.24032	386.96	386.96	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421498	5414423	0.23693	388.2	388.2	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421498	5414443	0.23448	389.04	389.04	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421518	5414263	0.2562	381.5	381.5	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421518	5414283	0.25515	382.09	382.09	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421518	5414303	0.25447	382.45	382.45	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421518	5414323	0.2527	383.29	383.29	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421518	5414343	0.25076	384.14	384.14	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421518	5414363	0.24871	384.98	384.98	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421518	5414383	0.24505	386.4	386.4	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421518	5414403	0.24187	387.54	387.54	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421518	5414423	0.23928	388.4	388.4	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421518	5414443	0.23657	389.27	389.27	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421538	5414263	0.25965	381.79	381.79	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421538	5414283	0.25843	382.37	382.37	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421538	5414303	0.25648	383.24	383.24	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421538	5414323	0.25441	384.1	384.1	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421538	5414343	0.25218	384.96	384.96	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421538	5414363	0.24979	385.83	385.83	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421538	5414383	0.24729	386.69	386.69	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421538	5414403	0.24467	387.55	387.55	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421538	5414423	0.2419	388.42	388.42	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421538	5414443	0.23937	389.17	389.17	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421558	5414263	0.26202	382.46	382.46	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421558	5414283	0.26087	382.91	382.91	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421558	5414303	0.25989	383.25	383.25	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421558	5414323	0.25764	384.11	384.11	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421558	5414343	0.25522	384.98	384.98	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421558	5414363	0.25269	385.84	385.84	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421558	5414383	0.25002	386.7	386.7	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421558	5414403	0.24722	387.57	387.57	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421558	5414423	0.2452	388.12	388.12	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421558	5414443	0.24361	388.5	388.5	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5414263	0.26535	382.53	382.53	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5414283	0.26308	383.4	383.4	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5414303	0.26132	384	384	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5414323	0.26062	384.12	384.12	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5414343	0.25804	384.99	384.99	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5414363	0.25534	385.85	385.85	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5414383	0.25266	386.66	386.66	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5414403	0.25122	386.98	386.98	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5414423	0.2494	387.42	387.42	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5414443	0.24719	387.98	387.98	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421598	5414263	0.26855	382.55	382.55	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421598	5414283	0.26612	383.41	383.41	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421598	5414303	0.26422	384	384	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421598	5414323	0.26334	384.14	384.14	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421598	5414343	0.26061	385	385	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421598	5414363	0.25868	385.51	385.51	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421598	5414383	0.25702	385.89	385.89	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421598	5414403	0.25505	386.37	386.37	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421598	5414423	0.25356	386.65	386.65	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421598	5414443	0.25246	386.77	386.77	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421618	5414263	0.2715	382.56	382.56	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421618	5414283	0.2689	383.42	383.42	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421618	5414303	0.26687	384	384	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421618	5414323	0.26583	384.15	384.15	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421618	5414343	0.26297	385	385	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421618	5414363	0.26222	385	385	0	MONTH	WMRS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421618	5414383	0.26084	385.23	385.23	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421618	5414403	0.25871	385.73	385.73	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421618	5414423	0.25714	386	386	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421618	5414443	0.25593	386.12	386.12	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421638	5414263	0.2742	382.57	382.57	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421638	5414283	0.27247	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421638	5414303	0.27098	383.3	383.3	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421638	5414323	0.26847	384	384	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421638	5414343	0.26758	384.02	384.02	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421638	5414363	0.26456	384.87	384.87	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421638	5414383	0.26331	385	385	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421638	5414403	0.26234	385.01	385.01	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421638	5414423	0.2613	385.03	385.03	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421638	5414443	0.26022	385.05	385.05	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421658	5414263	0.27664	382.58	382.58	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421658	5414283	0.27479	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421658	5414303	0.27343	383.19	383.19	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421658	5414323	0.27126	383.7	383.7	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421658	5414343	0.26954	384	384	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421658	5414363	0.26853	384	384	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421658	5414383	0.26749	384	384	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421658	5414403	0.26641	384	384	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421658	5414423	0.2653	384	384	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421658	5414443	0.26415	384	384	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5414263	0.27883	382.59	382.59	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5414283	0.27686	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5414303	0.27583	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5414323	0.27462	383.06	383.06	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5414343	0.27286	383.34	383.34	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5414363	0.27167	383.36	383.36	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5414383	0.27046	383.38	383.38	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5414403	0.26921	383.4	383.4	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5414423	0.26796	383.41	383.41	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5414443	0.26666	383.43	383.43	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421698	5414263	0.28075	382.61	382.61	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421698	5414283	0.27869	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421698	5414303	0.27755	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421698	5414323	0.27636	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421698	5414343	0.27515	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421698	5414363	0.2739	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421698	5414383	0.27262	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421698	5414403	0.27131	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421698	5414423	0.26997	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421698	5414443	0.26936	382.67	382.67	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421718	5414263	0.28213	382.75	382.75	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421718	5414283	0.28028	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421718	5414303	0.27903	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421718	5414323	0.27774	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421718	5414343	0.27641	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421718	5414363	0.27506	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421718	5414383	0.27412	382.81	382.81	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421718	5414403	0.27279	382.78	382.78	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421718	5414423	0.27225	382.38	382.38	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421718	5414443	0.27162	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421738	5414263	0.28299	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421738	5414283	0.28165	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421738	5414303	0.28029	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421738	5414323	0.27889	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421738	5414343	0.27746	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421738	5414363	0.27601	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421738	5414383	0.27641	382.19	382.19	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421738	5414403	0.27532	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421738	5414423	0.27378	382	382	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421738	5414443	0.27265	381.8	381.8	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421758	5414263	0.2817	383.97	383.97	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421758	5414283	0.28033	383.95	383.95	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421758	5414303	0.27982	383.59	383.59	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421758	5414323	0.27983	383	383	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421758	5414343	0.2783	383	383	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421758	5414363	0.27676	383	383	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421758	5414383	0.2771	382.18	382.18	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421758	5414403	0.27591	382	382	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421758	5414423	0.27525	381.55	381.55	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421758	5414443	0.27449	381.12	381.12	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421778	5414263	0.28186	384.28	384.28	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421778	5414283	0.2804	384.26	384.26	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421778	5414303	0.27916	384.15	384.15	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421778	5414323	0.27849	383.81	383.81	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421778	5414343	0.27849	383.18	383.18	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421778	5414363	0.27729	383.01	383.01	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421778	5414383	0.27731	382.3	382.3	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421778	5414403	0.27621	382.04	382.04	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421778	5414423	0.27581	381.44	381.44	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421778	5414443	0.27499	381	381	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421798	5414263	0.27887	385.59	385.59	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421798	5414283	0.27824	385.27	385.27	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421798	5414303	0.27791	384.82	384.82	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421798	5414323	0.27747	384.39	384.39	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421798	5414343	0.27699	383.94	383.94	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421798	5414363	0.27643	383.5	383.5	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421798	5414383	0.27577	383.07	383.07	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421798	5414403	0.27587	382.29	382.29	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421798	5414423	0.27545	381.68	381.68	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421798	5414443	0.27458	381.24	381.24	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421818	5414263	0.27729	386.29	386.29	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421818	5414283	0.27675	385.93	385.93	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421818	5414303	0.27633	385.51	385.51	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421818	5414323	0.2762	384.96	384.96	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421818	5414343	0.27518	384.71	384.71	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421818	5414363	0.27532	384	384	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421818	5414383	0.27571	383.14	383.14	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421818	5414403	0.27464	382.83	382.83	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421818	5414423	0.27403	382.31	382.31	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421818	5414443	0.27386	381.55	381.55	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421838	5414263	0.27474	387.2	387.2	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421838	5414283	0.27308	387.19	387.19	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421838	5414303	0.27277	386.75	386.75	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421838	5414323	0.2737	385.87	385.87	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421838	5414343	0.27412	385.11	385.11	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421838	5414363	0.27265	384.99	384.99	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421838	5414383	0.27313	384.13	384.13	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421838	5414403	0.27348	383.26	383.26	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421838	5414423	0.27364	382.4	382.4	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421838	5414443	0.27365	381.54	381.54	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421858	5414263	0.27051	388.51	388.51	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421858	5414283	0.2698	388.21	388.21	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421858	5414303	0.26949	387.78	387.78	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421858	5414323	0.26967	387.17	387.17	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421858	5414343	0.2706	386.28	386.28	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421858	5414363	0.27133	385.4	385.4	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421858	5414383	0.27187	384.52	384.52	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421858	5414403	0.27225	383.64	383.64	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421858	5414423	0.27247	382.76	382.76	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421858	5414443	0.27255	381.87	381.87	0 MONTH	WMRS	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421878	5414263	0.26585	389.82	389.82	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5414283	0.2662	389.23	389.23	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5414303	0.26713	388.44	388.44	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5414323	0.26779	387.69	387.69	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5414343	0.26825	386.96	386.96	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5414363	0.26718	386.7	386.7	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5414383	0.26788	385.82	385.82	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5414403	0.26984	384.41	384.41	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5414423	0.2705	383.38	383.38	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5414443	0.27059	382.51	382.51	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421898	5414263	0.26485	390.04	390.04	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421898	5414283	0.26321	390	390	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421898	5414303	0.263	389.55	389.55	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421898	5414323	0.26405	388.71	388.71	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421898	5414343	0.26491	387.88	387.88	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421898	5414363	0.26578	387	387	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421898	5414383	0.26651	386.11	386.11	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421898	5414403	0.26706	385.23	385.23	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421898	5414423	0.26743	384.35	384.35	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421898	5414443	0.26766	383.47	383.47	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421918	5414263	0.26247	390.59	390.59	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421918	5414283	0.26217	390.17	390.17	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421918	5414303	0.26192	389.72	389.72	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421918	5414323	0.26165	389.26	389.26	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421918	5414343	0.26105	388.88	388.88	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421918	5414363	0.26109	388.29	388.29	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421918	5414383	0.26195	387.41	387.41	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421918	5414403	0.26266	386.53	386.53	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421918	5414423	0.26373	385.46	385.46	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421918	5414443	0.26528	384.12	384.12	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421938	5414263	0.26043	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421938	5414283	0.25916	390.84	390.84	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421938	5414303	0.259	390.37	390.37	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421938	5414323	0.25878	389.9	389.9	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421938	5414343	0.25813	389.54	389.54	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421938	5414363	0.25826	388.93	388.93	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421938	5414383	0.25911	388.07	388.07	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421938	5414403	0.25985	387.2	387.2	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421938	5414423	0.26116	386.08	386.08	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421938	5414443	0.26196	385.06	385.06	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421958	5414263	0.25978	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421958	5414283	0.25789	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421958	5414303	0.25599	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421958	5414323	0.25409	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421958	5414343	0.25303	390.77	390.77	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421958	5414363	0.25419	389.89	389.89	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421958	5414383	0.25524	389	389	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421958	5414403	0.25611	388.12	388.12	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421958	5414423	0.25683	387.24	387.24	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421958	5414443	0.25839	385.88	388	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5414263	0.25901	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5414283	0.25708	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5414303	0.25515	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5414323	0.25322	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5414343	0.25131	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5414363	0.24972	390.91	390.91	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5414383	0.25081	390.04	390.04	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5414403	0.25108	389.38	389.38	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5414423	0.2523	388.39	388.39	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5414443	0.25448	387.02	387.02	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421998	5414263	0.25865	390.86	390.86	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421998	5414283	0.25616	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421998	5414303	0.25421	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421998	5414323	0.25226	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421998	5414343	0.25032	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421998	5414363	0.24854	390.96	390.96	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421998	5414383	0.24794	390.58	390.58	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421998	5414403	0.24768	390.09	390.09	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421998	5414423	0.24937	388.98	388.98	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421998	5414443	0.25146	387.67	387.67	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422018	5414263	0.25789	390.8	390.8	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422018	5414283	0.25516	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422018	5414303	0.25318	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422018	5414323	0.25122	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422018	5414343	0.24926	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422018	5414363	0.24733	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422018	5414383	0.24541	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422018	5414403	0.24635	390.16	390.16	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422018	5414423	0.24726	389.29	389.29	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422018	5414443	0.24976	387.86	387.86	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422038	5414263	0.25975	390	390	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422038	5414283	0.25524	390.68	390.68	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422038	5414303	0.25208	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422038	5414323	0.2501	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422038	5414343	0.24814	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422038	5414363	0.2462	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422038	5414383	0.24427	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422038	5414403	0.24476	390.29	390.29	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422038	5414423	0.24565	389.43	389.43	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422038	5414443	0.24786	387.96	390	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422058	5414243	0.26082	389.96	389.96	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422058	5414263	0.2586	390	390	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422058	5414283	0.25553	390.28	390.28	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422058	5414303	0.25182	390.75	390.75	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422058	5414323	0.24893	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422058	5414343	0.24697	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422058	5414363	0.24502	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422058	5414383	0.2431	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422058	5414403	0.24119	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422058	5414423	0.24173	390.27	390.27	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422058	5414443	0.24448	388.81	388.81	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5414243	0.26281	389.07	389.07	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5414263	0.25792	389.85	389.85	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5414283	0.25531	390	390	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5414303	0.25302	390.07	390.07	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5414323	0.24946	390.51	390.51	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5414343	0.24576	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5414363	0.24382	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5414383	0.24193	390.99	390.99	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5414403	0.24231	390.31	390.31	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5414423	0.24122	390.06	390.06	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5414443	0.24332	388.79	388.79	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422098	5414243	0.2627	388.74	388.74	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422098	5414263	0.25976	388.97	388.97	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422098	5414283	0.25557	389.57	389.57	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422098	5414303	0.25229	389.92	389.92	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422098	5414323	0.24998	390	390	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422098	5414343	0.24709	390.26	390.26	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422098	5414363	0.24355	390.72	390.72	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422098	5414383	0.24404	390	390	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422098	5414403	0.2421	390	390	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422098	5414423	0.24262	389.24	389.24	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422098	5414443	0.24334	388.38	388.38	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422118	5414243	0.26578	387.45	387.45	0	MONTH	WMRS	1ST	2/28/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422118	5414263	0.26064	388.33	388.33	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422118	5414283	0.25797	388.49	388.49	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422118	5414303	0.25384	389.09	389.09	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422118	5414323	0.25034	389.52	389.52	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422118	5414343	0.24826	389.54	389.54	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422118	5414363	0.2462	389.56	389.56	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422118	5414383	0.24417	389.58	389.58	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422118	5414403	0.24216	389.6	389.6	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422118	5414423	0.24259	388.85	388.85	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422118	5414443	0.24324	388	388	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422138	5414243	0.2659	387	387	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422138	5414263	0.26322	387.14	387.14	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422138	5414283	0.25897	387.78	387.78	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422138	5414303	0.25574	388.12	388.12	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422138	5414323	0.25216	388.58	388.58	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422138	5414343	0.24875	389	389	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422138	5414363	0.24674	389	389	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422138	5414383	0.24489	388.96	388.96	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422138	5414403	0.24483	388.35	388.35	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422138	5414423	0.24372	388.07	388.07	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422138	5414443	0.24385	387.36	387.36	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422158	5414243	0.26818	385.84	385.84	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422158	5414263	0.2655	385.98	385.98	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422158	5414283	0.26121	386.65	386.65	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422158	5414303	0.25809	386.96	386.96	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422158	5414323	0.2545	387.43	387.43	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422158	5414343	0.25089	387.92	387.92	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422158	5414363	0.24879	387.94	387.94	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422158	5414383	0.24672	387.96	387.96	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422158	5414403	0.24468	387.98	387.98	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422158	5414423	0.24501	387.2	387.2	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422158	5414443	0.24541	386.36	386.36	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5414243	0.27059	384.56	384.56	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5414263	0.26572	385.44	385.44	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5414283	0.26313	385.56	385.56	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5414303	0.25904	386.2	386.2	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5414323	0.2557	386.6	386.6	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5414343	0.25356	386.61	386.61	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5414363	0.25143	386.63	386.63	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5414383	0.24932	386.65	386.65	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5414403	0.24724	386.67	386.67	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5414423	0.24676	386.13	386.13	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5414443	0.24566	385.8	385.8	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422198	5414243	0.2728	383.26	383.26	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422198	5414263	0.26805	384.14	384.14	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422198	5414283	0.26384	384.83	384.83	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422198	5414303	0.26067	385.17	385.17	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422198	5414323	0.25816	385.29	385.29	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422198	5414343	0.25526	385.56	385.56	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422198	5414363	0.25191	386	386	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422198	5414383	0.25003	385.94	385.94	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422198	5414403	0.24949	385.39	385.39	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422198	5414423	0.24749	385.38	385.38	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422198	5414443	0.24614	385.13	385.13	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422218	5414243	0.27227	382.91	382.91	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422218	5414263	0.26973	382.99	382.99	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422218	5414283	0.26545	383.74	383.74	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422218	5414303	0.26254	383.99	383.99	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422218	5414323	0.25897	384.5	384.5	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422218	5414343	0.25545	385	385	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422218	5414363	0.25332	385.01	385.01	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422218	5414383	0.25119	385.03	385.03	0	MONTH	WMRS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422218	5414403	0.24921	385	385	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422218	5414423	0.24719	385	385	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422218	5414443	0.24678	384.37	384.37	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422238	5414243	0.27399	381.67	381.67	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422238	5414263	0.26942	382.55	382.55	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422238	5414283	0.26693	382.63	382.63	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422238	5414303	0.26293	383.31	383.31	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422238	5414323	0.25979	383.67	383.67	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422238	5414343	0.25726	383.81	383.81	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422238	5414363	0.25464	384	384	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422238	5414383	0.25254	384	384	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422238	5414403	0.25047	384	384	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422238	5414423	0.24892	383.8	383.8	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422238	5414443	0.24694	383.78	383.78	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422258	5414243	0.2741	381.02	381.02	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422258	5414263	0.2711	381.29	381.29	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422258	5414283	0.26739	381.87	381.87	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422258	5414303	0.26425	382.23	382.23	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422258	5414323	0.26087	382.7	382.7	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422258	5414343	0.25758	383.15	383.15	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422258	5414363	0.25482	383.4	383.4	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422258	5414383	0.25269	383.41	383.41	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422258	5414403	0.25057	383.43	383.43	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422258	5414423	0.24938	383.07	383.07	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422258	5414443	0.2475	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422278	5414243	0.27479	380.09	380.09	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422278	5414263	0.27044	380.96	380.96	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422278	5414283	0.26801	381.01	381.01	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422278	5414303	0.26416	381.69	381.69	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422278	5414323	0.26113	382.03	382.03	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422278	5414343	0.25885	382.07	382.07	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422278	5414363	0.25664	382.09	382.09	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422278	5414383	0.25447	382.11	382.11	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422278	5414403	0.25235	382.12	382.12	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422278	5414423	0.25023	382.14	382.14	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422278	5414443	0.24814	382.16	382.16	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422298	5414243	0.2734	380.07	380.07	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422298	5414263	0.26969	380.67	380.67	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422298	5414283	0.26675	380.95	380.95	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422298	5414303	0.26438	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422298	5414323	0.26123	381.41	381.41	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422298	5414343	0.25824	381.76	381.76	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422298	5414363	0.25605	381.78	381.78	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422298	5414383	0.25388	381.8	381.8	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422298	5414403	0.25177	381.81	381.81	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422298	5414423	0.24966	381.83	381.83	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422298	5414443	0.24758	381.85	381.85	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422318	5414243	0.27214	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422318	5414263	0.26981	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422318	5414283	0.26679	380.33	380.33	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422318	5414303	0.26342	380.83	380.83	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422318	5414323	0.26083	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422318	5414343	0.25865	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422318	5414363	0.2565	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422318	5414383	0.25438	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422318	5414403	0.25228	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422318	5414423	0.25022	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422318	5414443	0.24818	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422338	5414243	0.27077	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422338	5414263	0.26846	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422338	5414283	0.26618	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422338	5414303	0.26376	380.08	380.08	0	MONTH	WMRS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422338	5414323	0.26146	380.12	380.12	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422338	5414343	0.25924	380.14	380.14	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422338	5414363	0.25705	380.16	380.16	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422338	5414383	0.25488	380.18	380.18	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422338	5414403	0.25268	380.23	380.23	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422338	5414423	0.2492	380.92	380.92	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422338	5414443	0.24702	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422358	5414243	0.27141	379.1	379.1	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422358	5414263	0.26768	379.76	379.76	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422358	5414283	0.26497	379.97	379.97	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422358	5414303	0.26268	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422358	5414323	0.26049	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422358	5414343	0.25832	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422358	5414363	0.25619	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422358	5414383	0.25408	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422358	5414403	0.25201	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422358	5414423	0.24995	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422358	5414443	0.24793	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420878	5414493	0.17859	375	375	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420878	5414543	0.17636	375	375	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420878	5414593	0.17397	375.35	375.35	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420878	5414643	0.1699	378.49	378.49	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420878	5414693	0.16672	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420878	5414743	0.16391	381	381	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420878	5414793	0.16115	381.99	381.99	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420878	5414843	0.15914	382.15	382.15	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420878	5414893	0.15657	383.07	383.07	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420878	5414943	0.15407	384	384	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420878	5414993	0.15245	384	384	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420878	5415043	0.15059	384.35	384.35	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420878	5415093	0.14855	385	385	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420878	5415143	0.14811	385.5	385.5	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420878	5415193	0.14994	386	386	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420928	5414493	0.18027	375	375	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420928	5414543	0.17801	375	375	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420928	5414593	0.17557	375.38	375.38	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420928	5414643	0.17207	377.54	377.54	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420928	5414693	0.16902	378.93	378.93	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420928	5414743	0.16621	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420928	5414793	0.1635	381.02	381.02	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420928	5414843	0.16086	382	382	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420928	5414893	0.1583	382.96	382.96	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420928	5414943	0.15659	383	383	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420928	5414993	0.15498	383	383	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420928	5415043	0.15568	383.07	383.07	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420928	5415093	0.15815	383.13	383.13	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420928	5415143	0.15926	384.17	384.17	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420928	5415193	0.16027	385.06	385.06	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420978	5414493	0.18202	375	375	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420978	5414543	0.17973	375	375	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420978	5414593	0.17728	375.41	375.41	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420978	5414643	0.1744	376.57	376.57	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420978	5414693	0.17085	378.73	378.73	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420978	5414743	0.168	379.89	379.89	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420978	5414793	0.16522	381	381	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420978	5414843	0.16283	381.7	381.7	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420978	5414893	0.16083	382	382	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420978	5414943	0.16189	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420978	5414993	0.16478	381.76	381.76	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420978	5415043	0.16711	381.81	381.81	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420978	5415093	0.16922	381.85	381.85	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420978	5415143	0.16995	382.92	382.92	0	MONTH	WMRS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420978	5415193	0.17041	383.96	383.96	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421028	5414493	0.18386	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421028	5414543	0.18157	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421028	5414593	0.17932	375.05	375.05	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421028	5414643	0.1762	376.6	376.6	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421028	5414693	0.17331	377.81	377.81	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421028	5414743	0.17029	379.24	379.24	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421028	5414793	0.16773	380.08	380.08	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421028	5414843	0.16833	381	381	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421028	5414893	0.17104	381	381	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421028	5414943	0.1735	381	381	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421028	5414993	0.1761	380.63	380.63	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421028	5415043	0.17866	380	380	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421028	5415093	0.17977	380.59	380.59	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421028	5415143	0.18068	381.12	381.12	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421028	5415193	0.18057	382.35	382.35	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421078	5414493	0.18513	376	376	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421078	5414543	0.18285	376	376	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421078	5414593	0.18063	376	376	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421078	5414643	0.17846	376	376	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421078	5414693	0.17517	377.79	377.79	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421078	5414743	0.17617	379	379	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421078	5414793	0.1779	380	380	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421078	5414843	0.18035	380.08	380.08	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421078	5414893	0.18256	380.12	380.12	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421078	5414943	0.18467	380	380	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421078	5414993	0.18639	380	380	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421078	5415043	0.18784	380	380	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421078	5415093	0.18903	380	380	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421078	5415143	0.18975	380.22	380.22	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421078	5415193	0.18901	381.63	381.63	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421128	5414493	0.18645	376.91	376.91	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421128	5414543	0.18458	376.31	376.31	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421128	5414593	0.18254	376	376	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421128	5414643	0.18514	376	376	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421128	5414693	0.18708	377	377	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421128	5414743	0.18803	378.7	378.7	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421128	5414793	0.18919	379.79	379.79	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421128	5414843	0.191	380	380	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421128	5414893	0.19291	379.85	379.85	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421128	5414943	0.19432	379.9	379.9	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421128	5414993	0.19639	379	379	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421128	5415043	0.19729	379	379	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421128	5415093	0.19784	379.09	379.09	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421128	5415143	0.19714	380.25	380.25	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421128	5415193	0.19609	381.41	381.41	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421178	5414493	0.18755	378	378	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	421178	5414543	0.19034	377.46	377.46	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421178	5414593	0.19388	376.84	376.84	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421178	5414643	0.19724	376	376	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421178	5414693	0.19883	376.85	376.85	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421178	5414743	0.20032	377.44	377.44	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421178	5414793	0.20153	378	378	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421178	5414843	0.20247	378.53	378.53	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421178	5414893	0.20357	378.58	378.58	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421178	5414943	0.20477	378.22	378.22	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421178	5414993	0.20506	378.54	378.54	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421178	5415043	0.20497	378.99	378.99	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421178	5415093	0.20493	379.12	379.12	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421178	5415143	0.20363	380.28	380.28	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421178	5415193	0.20201	381.44	381.44	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421228	5414493	0.19757	379.77	379.77	0 MONTH	WMRS	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421228	5414543	0.20177	378.6	378.6	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421228	5414593	0.20487	377.99	377.99	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421228	5414643	0.20794	377	377	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421228	5414693	0.2098	376.88	376.88	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421228	5414743	0.21111	377	377	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421228	5414793	0.21222	377	377	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421228	5414843	0.21302	377	377	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421228	5414893	0.21354	377	377	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421228	5414943	0.21291	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421228	5414993	0.2129	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421228	5415043	0.2117	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421228	5415093	0.21106	379.15	379.15	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421228	5415143	0.20916	380.31	380.31	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421228	5415193	0.20696	381.47	381.47	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421278	5414493	0.20879	380.81	380.81	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421278	5414543	0.2121	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421278	5414593	0.21518	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421278	5414643	0.21776	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421278	5414693	0.21985	377.01	377.01	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421278	5414743	0.22062	377	377	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421278	5414793	0.22108	377	377	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421278	5414843	0.22124	377	377	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421278	5414893	0.22064	377.55	377.55	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421278	5414943	0.21985	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421278	5414993	0.21827	378.98	378.98	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421278	5415043	0.21739	379.02	379.02	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421278	5415093	0.21531	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421278	5415143	0.21397	380.09	380.09	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421278	5415193	0.21152	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5414493	0.21879	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5414543	0.22216	380.8	380.8	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5414593	0.22481	379.7	379.7	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5414643	0.22694	378.59	378.59	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5414693	0.22802	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5414743	0.22911	377	377	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5414793	0.22889	377	377	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5414843	0.2284	377	377	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5414893	0.2267	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5414943	0.22496	378.74	378.74	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5414993	0.22247	379.9	379.9	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5415043	0.22097	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5415093	0.21939	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5415143	0.21763	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5415193	0.21511	380.53	380.53	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5414493	0.22675	383.58	383.58	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5414543	0.22979	382.34	382.34	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5414593	0.23342	380.27	380.27	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5414643	0.23514	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5414693	0.23602	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5414743	0.23645	377	377	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5414793	0.23556	377	377	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5414843	0.23417	377.25	377.25	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5414893	0.23205	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5414943	0.22939	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5414993	0.22654	379.93	379.93	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5415043	0.22453	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5415093	0.22245	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5415143	0.21989	380.28	380.28	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421378	5415193	0.21758	380.24	380.24	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5414493	0.23157	385.79	385.79	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5414543	0.23625	383.58	383.58	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5414593	0.23995	381.31	381.31	0	MONTH	WMRS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421428	5414643	0.2424	379.15	379.15	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5414693	0.2428	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5414743	0.2417	377.83	377.83	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5414793	0.24103	377	377	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5414843	0.23877	377.48	377.48	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5414893	0.23626	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5414943	0.23299	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5414993	0.22955	379.96	379.96	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5415043	0.22708	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5415093	0.22419	380.28	380.28	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5415143	0.22063	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5415193	0.21789	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5414493	0.23199	388.77	388.77	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5414543	0.23745	386.26	388	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5414593	0.24547	381.9	384	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5414643	0.24859	379.12	379.12	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5414693	0.24802	378.24	378.24	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5414743	0.24637	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5414793	0.2452	377.1	377.1	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5414843	0.24241	377.51	377.51	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5414893	0.23936	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5414943	0.23554	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5414993	0.23155	379.99	379.99	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5415043	0.22868	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5415093	0.22534	380.31	380.31	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5415143	0.22142	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421478	5415193	0.21835	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5414493	0.23475	390	390	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5414543	0.24212	386.82	386.82	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5414593	0.24995	382.5	382.5	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5414643	0.25214	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5414693	0.25126	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5414743	0.25001	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5414793	0.24728	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5414843	0.24474	377.72	377.72	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5414893	0.24141	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5414943	0.2371	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5414993	0.23264	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5415043	0.22942	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5415093	0.22568	380.34	380.34	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5415143	0.22148	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5415193	0.21814	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5414493	0.24532	388.02	388.02	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5414543	0.24995	385.45	385.45	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5414593	0.25534	381.53	386	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5414643	0.2571	379.06	379.06	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5414693	0.25437	378.92	378.92	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5414743	0.2525	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5414793	0.24927	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5414843	0.24594	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5414893	0.2416	378.73	378.73	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5414943	0.23778	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5414993	0.23293	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5415043	0.22939	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5415093	0.22498	380.63	380.63	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5415143	0.22091	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421578	5415193	0.21737	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421628	5414493	0.25639	385.26	385.26	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421628	5414543	0.25803	383.35	383.35	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421628	5414593	0.25927	381.19	381.19	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421628	5414643	0.25798	380.03	380.03	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421628	5414693	0.25613	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421628	5414743	0.25394	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421628	5414793	0.25027	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421628	5414843	0.24653	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421628	5414893	0.24149	378.97	378.97	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421628	5414943	0.2364	379.92	379.92	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421628	5414993	0.23251	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421628	5415043	0.2284	380.24	380.24	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421628	5415093	0.22357	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421628	5415143	0.21984	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421628	5415193	0.21488	381.89	381.89	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5414493	0.26495	382.73	382.73	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5414543	0.26267	382.17	382.17	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5414593	0.26115	381.09	381.09	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5414643	0.25928	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5414693	0.25697	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5414743	0.25441	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5414793	0.25037	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5414843	0.24615	378.13	378.13	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5414893	0.24092	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5414943	0.23554	379.96	379.96	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5414993	0.2315	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5415043	0.2261	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5415093	0.22221	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5415143	0.21751	381.59	381.59	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421678	5415193	0.21315	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421728	5414493	0.26991	381.09	381.09	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421728	5414543	0.26705	380.47	380.47	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421728	5414593	0.26375	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421728	5414643	0.26118	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421728	5414693	0.25719	378.81	378.81	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421728	5414743	0.25405	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421728	5414793	0.24972	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421728	5414843	0.24404	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421728	5414893	0.23978	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421728	5414943	0.23414	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421728	5414993	0.22981	380.14	380.14	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421728	5415043	0.22448	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421728	5415093	0.22034	381.11	381.11	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421728	5415143	0.21511	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421728	5415193	0.21115	382.12	382.12	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421778	5414493	0.27251	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421778	5414543	0.26802	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421778	5414593	0.26503	379.1	379.1	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421778	5414643	0.26062	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421778	5414693	0.25742	378.09	378.09	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421778	5414743	0.25297	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421778	5414793	0.24784	378.42	378.42	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421778	5414843	0.24254	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421778	5414893	0.23667	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421778	5414943	0.23236	380.01	380.01	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421778	5414993	0.22666	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421778	5415043	0.22256	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421778	5415093	0.21702	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421778	5415143	0.21313	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421778	5415193	0.2078	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421828	5414493	0.27183	380.13	380.13	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421828	5414543	0.26861	379.23	379.23	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421828	5414593	0.26415	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421828	5414643	0.25936	378.98	378.98	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421828	5414693	0.25607	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421828	5414743	0.25126	378.04	378.04	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421828	5414793	0.24518	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421828	5414843	0.23952	379.73	379.73	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421828	5414893	0.23465	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421828	5414943	0.22876	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421828	5414993	0.22426	381.18	381.18	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421828	5415043	0.21886	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421828	5415093	0.21424	382.41	382.41	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421828	5415143	0.20944	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421828	5415193	0.20478	383.58	383.58	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5414493	0.27013	380.35	380.35	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5414543	0.26716	379.2	379.2	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5414593	0.26244	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5414643	0.25745	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5414693	0.25279	378.84	378.84	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5414743	0.24825	378.65	378.65	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5414793	0.24299	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5414843	0.23684	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5414893	0.23093	380.91	380.91	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5414943	0.22644	381.01	381.01	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5414993	0.22065	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5415043	0.21584	382.46	382.46	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5415093	0.21103	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5415143	0.20607	383.71	383.71	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421878	5415193	0.20194	384	384	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421928	5414493	0.26621	381.32	381.32	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421928	5414543	0.26361	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421928	5414593	0.26021	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421928	5414643	0.25512	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421928	5414693	0.25014	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421928	5414743	0.24527	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421928	5414793	0.23954	379.63	379.63	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421928	5414843	0.23436	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421928	5414893	0.22841	380.94	380.94	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421928	5414943	0.22386	381.1	381.1	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421928	5414993	0.21806	382.11	382.11	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421928	5415043	0.21258	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421928	5415093	0.20752	383.72	383.72	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421928	5415143	0.20298	384.21	384.21	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421928	5415193	0.19806	385	385	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5414493	0.25917	383.34	383.34	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5414543	0.26077	380.14	380.14	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5414593	0.2576	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5414643	0.25247	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5414693	0.24747	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5414743	0.2426	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5414793	0.23685	379.66	379.66	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5414843	0.23174	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5414893	0.22574	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5414943	0.21985	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5414993	0.21529	382.29	382.29	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5415043	0.20941	383.45	383.45	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5415093	0.20405	384.37	384.37	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5415143	0.19933	385	385	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421978	5415193	0.19416	385.96	385.96	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422028	5414493	0.25525	383.64	386	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422028	5414543	0.25787	380.15	380.15	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422028	5414593	0.25413	379.34	379.34	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422028	5414643	0.24922	379.23	379.23	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422028	5414693	0.24463	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422028	5414743	0.2398	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422028	5414793	0.23404	379.69	379.69	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422028	5414843	0.22904	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422028	5414893	0.2231	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422028	5414943	0.21728	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422028	5414993	0.21105	383.31	383.31	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422028	5415043	0.20522	384.45	384.45	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422028	5415093	0.19956	385.56	385.56	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422028	5415143	0.19524	386	386	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422028	5415193	0.19004	386.99	386.99	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5414493	0.25046	384.47	384.47	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5414543	0.2529	381.12	381.12	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5414593	0.24991	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5414643	0.2449	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5414693	0.24004	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5414743	0.23618	379.47	379.47	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5414793	0.23119	379.72	379.72	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5414843	0.2263	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5414893	0.22036	381.04	381.04	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5414943	0.21396	382.43	382.43	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5414993	0.20716	384.09	384.09	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5415043	0.20067	385.61	385.61	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5415093	0.19483	386.82	386.82	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5415143	0.18917	388	388	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422078	5415193	0.18578	388.06	388.06	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422128	5414493	0.24546	385.2	385.2	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422128	5414543	0.24774	382.09	382.09	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422128	5414593	0.24515	380.89	380.89	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422128	5414643	0.24187	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422128	5414693	0.23707	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422128	5414743	0.23243	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422128	5414793	0.22792	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422128	5414843	0.22354	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422128	5414893	0.21763	381.07	381.07	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422128	5414943	0.21	383.22	383.22	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422128	5414993	0.20262	385.2	385.2	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422128	5415043	0.19647	386.54	386.54	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422128	5415093	0.18958	388.3	388.3	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422128	5415143	0.18425	389.33	389.33	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422128	5415193	0.17978	389.99	389.99	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5414493	0.24484	384.17	384.17	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5414543	0.24261	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5414593	0.24016	381.86	381.86	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5414643	0.23704	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5414693	0.23238	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5414743	0.22786	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5414793	0.22477	380.22	380.22	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5414843	0.22081	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5414893	0.21493	381.1	381.1	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5414943	0.20738	383.25	383.25	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5414993	0.19975	385.41	385.41	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5415043	0.19206	387.57	387.57	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5415093	0.18602	388.92	388.92	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5415143	0.18064	390	390	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422178	5415193	0.17756	390	390	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422228	5414493	0.24424	383.07	383.07	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422228	5414543	0.24055	382.52	382.52	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422228	5414593	0.23685	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422228	5414643	0.23408	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422228	5414693	0.22951	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422228	5414743	0.22507	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422228	5414793	0.22043	381.2	381.2	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422228	5414843	0.21659	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422228	5414893	0.21232	381.13	381.13	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422228	5414943	0.20485	383.28	383.28	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422228	5414993	0.19729	385.44	385.44	0	MONTH	WMRS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422228	5415043	0.18969	387.6	387.6	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422228	5415093	0.18363	389	389	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422228	5415143	0.17964	390	390	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422228	5415193	0.17774	390	390	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422278	5414493	0.24344	382.02	382.02	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422278	5414543	0.23863	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422278	5414593	0.23393	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422278	5414643	0.22937	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422278	5414693	0.22494	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422278	5414743	0.22065	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422278	5414793	0.21648	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422278	5414843	0.21244	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422278	5414893	0.20763	382.52	382.52	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422278	5414943	0.20072	384.31	384.31	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422278	5414993	0.19403	386	386	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422278	5415043	0.18773	387.63	387.63	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422278	5415093	0.18483	388.79	388.79	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422278	5415143	0.18192	389.95	389.95	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422278	5415193	0.17976	390	390	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422328	5414493	0.24263	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422328	5414543	0.23782	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422328	5414593	0.23273	381.23	381.23	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422328	5414643	0.22677	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422328	5414693	0.22245	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422328	5414743	0.21826	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422328	5414793	0.21238	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422328	5414843	0.20845	383.02	383.02	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422328	5414893	0.20267	384.13	384.13	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422328	5414943	0.19703	385.23	385.23	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422328	5414993	0.1925	386.5	386.5	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422328	5415043	0.18939	387.66	387.66	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422328	5415093	0.18629	388.82	388.82	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422328	5415143	0.18379	389	389	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422328	5415193	0.18081	390	390	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422378	5415043	0.19001	387.69	387.69	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422378	5415093	0.18709	388.18	388.18	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422378	5415143	0.18399	389	389	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422378	5415193	0.18116	389.42	389.42	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422428	5415043	0.18989	387	387	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422428	5415093	0.18655	387.88	387.88	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422428	5415143	0.18366	388	388	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422428	5415193	0.18031	389	389	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422478	5415043	0.18828	387	387	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422478	5415093	0.18522	387	387	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422478	5415143	0.18169	388	388	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422478	5415193	0.17859	388.23	388.23	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422528	5415043	0.18662	387	387	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422528	5415093	0.18219	387.94	387.94	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422528	5415143	0.1796	388	388	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422528	5415193	0.17531	389	389	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422578	5415043	0.18878	387	387	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422578	5415093	0.18432	388	388	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422578	5415143	0.1817	388.13	388.13	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422578	5415193	0.17772	389	389	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422628	5415043	0.19009	387.84	387.84	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422628	5415093	0.18739	388	388	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422628	5415143	0.1831	389	389	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422628	5415193	0.1809	389	389	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422678	5415043	0.19348	388	388	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422678	5415093	0.19108	388.03	388.03	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422678	5415143	0.18685	389	389	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422678	5415193	0.18398	389.35	389.35	0	MONTH	WMRS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422728	5415043	0.19772	388	388	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422728	5415093	0.19328	389	389	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422728	5415143	0.19059	389.22	389.22	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422728	5415193	0.1868	390	390	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422778	5415043	0.20024	388.93	388.93	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422778	5415093	0.19757	389.09	389.09	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422778	5415143	0.19333	390	390	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422778	5415193	0.19038	390.36	390.36	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422828	5415043	0.20474	389	389	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422828	5415093	0.2016	389.34	389.34	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422828	5415143	0.19782	390	390	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422828	5415193	0.19335	391	391	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422878	5415043	0.20941	389	389	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422878	5415093	0.20462	390	390	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422878	5415143	0.20227	390	390	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422878	5415193	0.19767	391	391	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422928	5415043	0.21155	390	390	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422928	5415093	0.20907	390	390	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422928	5415143	0.2046	390.84	390.84	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422928	5415193	0.20065	391.5	391.5	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422978	5415043	0.21594	390.01	390.01	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422978	5415093	0.21083	391	391	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422978	5415143	0.2074	391.37	391.37	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422978	5415193	0.2034	392	392	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423028	5415043	0.22003	390.08	390.08	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423028	5415093	0.21492	391	391	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423028	5415143	0.2097	392	392	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423028	5415193	0.20683	392.14	392.14	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423078	5415043	0.22166	391	391	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423078	5415093	0.21841	391.17	391.17	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423078	5415143	0.21346	392	392	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423078	5415193	0.20868	392.8	392.8	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423128	5415043	0.22562	391	391	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423128	5415093	0.22186	391.3	391.3	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423128	5415143	0.21709	392	392	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423128	5415193	0.21161	393	393	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	420828	5414293	0.1845	376	376	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420828	5414343	0.18262	376	376	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420828	5414393	0.18094	375.31	375.31	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420828	5414443	0.17901	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420828	5414493	0.1769	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420828	5414543	0.17475	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420828	5414593	0.17168	376.79	376.79	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420828	5414643	0.16778	379.61	379.61	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420828	5414693	0.16466	381	381	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420828	5414743	0.1619	381.87	381.87	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420828	5414793	0.15977	382	382	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420828	5414843	0.15701	383	383	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420828	5414893	0.15431	384	384	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420828	5414943	0.15235	384.23	384.23	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420828	5414993	0.15	385	385	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420828	5415043	0.14841	385	385	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420828	5415093	0.14605	385.97	385.97	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420828	5415143	0.1446	386	386	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420828	5415193	0.14324	386	386	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420778	5414143	0.18595	378	378	0 MONTH	WMRS	1ST		3/31/1999 24 hr
TMA	420778	5414193	0.18502	377	377	0 MONTH	WMRS	1ST		3/31/1999 24 hr
TMA	420778	5414243	0.1832	377	377	0 MONTH	WMRS	1ST		3/31/1999 24 hr
TMA	420778	5414293	0.18177	376.2	376.2	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420778	5414343	0.18026	376	376	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420778	5414393	0.17852	376	376	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420778	5414443	0.17706	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420778	5414493	0.17512	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420778	5414543	0.17306	375.13	375.13	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420778	5414593	0.16982	377.58	377.58	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420778	5414643	0.16597	380.45	380.45	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420778	5414693	0.16275	382	382	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420778	5414743	0.16028	382.48	382.48	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420778	5414793	0.15781	383	383	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420778	5414843	0.1552	383.74	383.74	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420778	5414893	0.15306	384	384	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420778	5414943	0.15037	385	385	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420778	5414993	0.14861	385	385	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420778	5415043	0.14695	385	385	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420778	5415093	0.14533	385.05	385.05	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420778	5415143	0.14387	385.01	385.01	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420778	5415193	0.14248	385	385	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420728	5413493	0.26637	376	376	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420728	5413543	0.25822	377	377	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420728	5413593	0.24949	378	378	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420728	5413643	0.24051	378.9	378.9	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420728	5413693	0.23194	379.37	379.37	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420728	5413743	0.22313	380	380	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420728	5413793	0.21536	380	380	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420728	5413843	0.20784	380	380	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420728	5413893	0.20064	380	380	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420728	5413943	0.19383	380	380	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420728	5413993	0.18853	380	380	0 MONTH	WMRS	1ST		12/31/1996 24 hr
TMA	420728	5414043	0.18764	379.48	379.48	0 MONTH	WMRS	1ST		12/31/1996 24 hr
TMA	420728	5414093	0.18657	378.32	378.32	0 MONTH	WMRS	1ST		12/31/1996 24 hr
TMA	420728	5414143	0.1846	378	378	0 MONTH	WMRS	1ST		12/31/1996 24 hr
TMA	420728	5414193	0.18231	377.38	377.38	0 MONTH	WMRS	1ST		12/31/1996 24 hr
TMA	420728	5414243	0.1805	377.43	377.43	0 MONTH	WMRS	1ST		3/31/1999 24 hr
TMA	420728	5414293	0.17884	377.47	377.47	0 MONTH	WMRS	1ST		3/31/1999 24 hr
TMA	420728	5414343	0.1773	377	377	0 MONTH	WMRS	1ST		3/31/1999 24 hr
TMA	420728	5414393	0.17612	376	376	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420728	5414443	0.1749	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420728	5414493	0.17319	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420728	5414543	0.17155	374.47	374.47	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420728	5414593	0.16837	377.52	377.52	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420728	5414643	0.16476	380.42	380.42	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420728	5414693	0.16167	382	382	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420728	5414743	0.15887	383	383	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420728	5414793	0.15612	383.9	383.9	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420728	5414843	0.15401	384	384	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420728	5414893	0.15202	384	384	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420728	5414943	0.1501	384	384	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420728	5414993	0.14826	384	384	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420728	5415043	0.14663	383.83	383.83	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420728	5415093	0.145	383.78	383.78	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420728	5415143	0.14346	383.73	383.73	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420728	5415193	0.14199	383.69	383.69	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420678	5413493	0.26679	376.74	376.74	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420678	5413543	0.25939	377.91	377.91	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420678	5413593	0.25133	379	379	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420678	5413643	0.2428	380	380	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420678	5413693	0.23532	380	380	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420678	5413743	0.22749	380.13	380.13	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420678	5413793	0.21887	380.78	380.78	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420678	5413843	0.21097	381	381	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420678	5413893	0.20503	380	380	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420678	5413943	0.19793	380	380	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420678	5413993	0.19139	379.85	379.85	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420678	5414043	0.18619	379	379	0 MONTH	WMRS	1ST		1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420678	5414093	0.18409	378	378	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420678	5414143	0.18271	378	378	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420678	5414193	0.18063	378.65	378.65	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420678	5414243	0.17792	379.7	379.7	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420678	5414293	0.17568	379	379	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420678	5414343	0.17427	378.45	378.45	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	420678	5414393	0.17382	376.4	376.4	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	420678	5414443	0.17257	375.24	375.24	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	420678	5414493	0.17126	374.09	374.09	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420678	5414543	0.16939	375.05	375.05	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420678	5414593	0.16629	378.46	378.46	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420678	5414643	0.16285	381.39	381.39	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420678	5414693	0.16018	382.55	382.55	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420678	5414743	0.15789	383	383	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420678	5414793	0.1554	383.68	383.68	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420678	5414843	0.15335	383.72	383.72	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420678	5414893	0.15187	383	383	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420678	5414943	0.14992	383	383	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420678	5414993	0.1483	382.6	382.6	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420678	5415043	0.14674	382.19	382.19	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420678	5415093	0.14512	382	382	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420678	5415143	0.14343	382	382	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420678	5415193	0.14184	382	382	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420628	5413493	0.26611	377.2	377.2	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420628	5413543	0.25998	378.28	378.28	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420628	5413593	0.25292	379.39	379.39	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420628	5413643	0.24578	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420628	5413693	0.23896	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420628	5413743	0.2304	381	381	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420628	5413793	0.22303	381	381	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420628	5413843	0.21673	380.18	380.18	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420628	5413893	0.20957	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420628	5413943	0.20234	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420628	5413993	0.19665	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420628	5414043	0.19055	378.54	378.54	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420628	5414093	0.18427	378.51	378.51	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420628	5414143	0.17931	379	379	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420628	5414193	0.17774	379.99	379.99	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420628	5414243	0.17628	380	380	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420628	5414293	0.17441	380	380	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420628	5414343	0.1728	378.62	378.62	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420628	5414393	0.17103	377.43	377.43	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	420628	5414443	0.17058	375.28	375.28	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	420628	5414493	0.16942	374	374	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	420628	5414543	0.16685	376.04	376.04	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420628	5414593	0.1641	379.2	379.2	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420628	5414643	0.16137	381.36	381.36	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420628	5414693	0.15908	382.31	382.31	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420628	5414743	0.15684	383	383	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420628	5414793	0.15495	383	383	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420628	5414843	0.15301	383	383	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420628	5414893	0.15148	382.36	382.36	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420628	5414943	0.14976	382	382	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420628	5414993	0.14803	381.68	381.68	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420628	5415043	0.14652	381.1	381.1	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420628	5415093	0.14476	381	381	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420628	5415143	0.143	381	381	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420628	5415193	0.14132	381	381	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420578	5413493	0.26389	377.68	377.68	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420578	5413543	0.25881	378.93	378.93	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420578	5413593	0.25295	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420578	5413643	0.24765	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420578	5413693	0.24169	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420578	5413743	0.23387	381	381	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420578	5413793	0.22701	381	381	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420578	5413843	0.22096	380.21	380.21	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420578	5413893	0.21402	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420578	5413943	0.20696	379.89	379.89	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420578	5413993	0.20097	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420578	5414043	0.1941	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420578	5414093	0.1875	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420578	5414143	0.18	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420578	5414193	0.17453	380	380	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420578	5414243	0.17321	381	381	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420578	5414293	0.1726	380	380	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420578	5414343	0.17149	379	379	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420578	5414393	0.17009	377.46	377.46	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420578	5414443	0.16827	375.31	375.31	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420578	5414493	0.16731	374	374	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	420578	5414543	0.16506	376.02	376.02	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	420578	5414593	0.16195	379.17	379.17	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420578	5414643	0.15974	381	381	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420578	5414693	0.15775	382	382	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420578	5414743	0.15606	382.19	382.19	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420578	5414793	0.15433	382.24	382.24	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420578	5414843	0.15268	382.01	382.01	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420578	5414893	0.15084	382	382	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420578	5414943	0.14949	381.07	381.07	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420578	5414993	0.14764	381	381	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420578	5415043	0.14576	381	381	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420578	5415093	0.14433	380.24	380.24	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420578	5415143	0.14266	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420578	5415193	0.14092	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420528	5413493	0.26029	378	378	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420528	5413543	0.25598	379.7	379.7	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420528	5413593	0.25236	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420528	5413643	0.24822	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420528	5413693	0.24293	380.28	380.28	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420528	5413743	0.23639	381	381	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420528	5413793	0.23025	381	381	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420528	5413843	0.22495	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420528	5413893	0.21812	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420528	5413943	0.21123	379.92	379.92	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420528	5413993	0.20531	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420528	5414043	0.19839	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420528	5414093	0.19164	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420528	5414143	0.18395	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420528	5414193	0.17775	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420528	5414243	0.17189	380.01	380.01	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420528	5414293	0.16982	380	380	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420528	5414343	0.16945	378.79	378.79	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420528	5414393	0.16879	376.84	376.84	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420528	5414443	0.16744	375.1	375.1	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420528	5414493	0.1655	374	374	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420528	5414543	0.16297	375.98	375.98	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	420528	5414593	0.16009	379.14	379.14	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	420528	5414643	0.15785	380.37	380.37	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420528	5414693	0.15615	381.49	381.49	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420528	5414743	0.15458	382	382	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420528	5414793	0.15313	382	382	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420528	5414843	0.15156	382	382	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420528	5414893	0.14999	381.8	381.8	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420528	5414943	0.14865	381	381	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420528	5414993	0.14684	381	381	0	MONTH	WMRS	1ST	12/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420528	5415043	0.14552	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420528	5415093	0.14369	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420528	5415143	0.14189	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420528	5415193	0.1401	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420478	5413493	0.25482	378.62	378.62	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420478	5413543	0.25261	379.67	379.67	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420478	5413593	0.25027	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420478	5413643	0.24738	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420478	5413693	0.24359	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420478	5413743	0.23901	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420478	5413793	0.23373	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420478	5413843	0.2279	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420478	5413893	0.22164	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420478	5413943	0.21567	379.47	379.47	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420478	5413993	0.20944	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420478	5414043	0.20264	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420478	5414093	0.19496	379.83	379.83	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420478	5414143	0.18814	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420478	5414193	0.18173	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420478	5414243	0.1756	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420478	5414293	0.16979	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420478	5414343	0.16647	378.68	378.68	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420478	5414393	0.16646	376.53	376.53	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420478	5414443	0.16574	374.37	374.37	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420478	5414493	0.16431	374	374	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420478	5414543	0.16228	375.95	375.95	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420478	5414593	0.15967	378.11	378.11	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420478	5414643	0.15651	380.27	380.27	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420478	5414693	0.15429	381	381	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	420478	5414743	0.15267	381.89	381.89	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420478	5414793	0.15147	382	382	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420478	5414843	0.15031	381.68	381.68	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420478	5414893	0.14919	381	381	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420478	5414943	0.14762	381	381	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420478	5414993	0.14614	380.62	380.62	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420478	5415043	0.14471	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420478	5415093	0.14296	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420478	5415143	0.14118	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420478	5415193	0.13941	379.99	379.99	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420428	5413493	0.24868	378.59	378.59	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420428	5413543	0.24817	379.31	379.31	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420428	5413593	0.24669	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420428	5413643	0.24507	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420428	5413693	0.24251	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420428	5413743	0.23905	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420428	5413793	0.2348	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420428	5413843	0.22986	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420428	5413893	0.22435	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420428	5413943	0.21942	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420428	5413993	0.21313	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420428	5414043	0.20567	379.92	379.92	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420428	5414093	0.19898	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420428	5414143	0.19239	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420428	5414193	0.18498	380.81	380.81	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420428	5414243	0.17956	380.03	380.03	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420428	5414293	0.17368	379.87	379.87	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420428	5414343	0.1702	377.72	377.72	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420428	5414393	0.16708	375.35	375.35	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420428	5414443	0.16323	374	374	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420428	5414493	0.16228	374	374	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420428	5414543	0.16083	375.92	375.92	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420428	5414593	0.15882	378.08	378.08	0	MONTH	WMRS	1ST	12/31/1996 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420428	5414643	0.15625	380.24	380.24	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420428	5414693	0.15382	381	381	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420428	5414743	0.15142	381	381	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420428	5414793	0.14988	381	381	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420428	5414843	0.14886	381	381	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420428	5414893	0.14769	381	381	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420428	5414943	0.14636	381	381	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420428	5414993	0.14533	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420428	5415043	0.14378	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420428	5415093	0.14215	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420428	5415143	0.14047	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420428	5415193	0.13917	379.02	379.02	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420378	5413493	0.24099	378.84	378.84	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420378	5413543	0.24143	379.72	379.72	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420378	5413593	0.24169	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420378	5413643	0.24133	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420378	5413693	0.24	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420378	5413743	0.23774	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420378	5413793	0.23461	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420378	5413843	0.23068	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420378	5413893	0.22606	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420378	5413943	0.22085	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420378	5413993	0.21518	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420378	5414043	0.20915	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420378	5414093	0.20288	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420378	5414143	0.19649	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420378	5414193	0.19008	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420378	5414243	0.18373	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420378	5414293	0.17867	378.91	378.91	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420378	5414343	0.17478	376.75	376.75	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420378	5414393	0.171	374.59	374.59	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420378	5414443	0.16673	373.27	373.27	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420378	5414493	0.16111	374	374	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420378	5414543	0.15854	375.89	375.89	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420378	5414593	0.1571	378.05	378.05	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420378	5414643	0.15521	380	380	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420378	5414693	0.15326	381	381	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420378	5414743	0.1514	381	381	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420378	5414793	0.14925	381	381	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420378	5414843	0.14704	381	381	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	420378	5414893	0.14581	381	381	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420378	5414943	0.14516	380.01	380.01	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420378	5414993	0.14397	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420378	5415043	0.14264	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420378	5415093	0.1412	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420378	5415143	0.13998	379.17	379.17	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420378	5415193	0.13844	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420328	5413493	0.23239	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420328	5413543	0.23367	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420328	5413593	0.23541	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420328	5413643	0.23623	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420328	5413693	0.23611	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420328	5413743	0.23505	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420328	5413793	0.23308	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420328	5413843	0.23025	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420328	5413893	0.22663	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420328	5413943	0.22232	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420328	5413993	0.21742	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420328	5414043	0.21203	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420328	5414093	0.20626	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420328	5414143	0.20024	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420328	5414193	0.19405	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420328	5414243	0.18875	379.04	379.04	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420328	5414293	0.18358	377.94	377.94	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420328	5414343	0.17937	375.78	375.78	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420328	5414393	0.17446	374.62	374.62	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420328	5414443	0.17011	373	373	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420328	5414493	0.16427	373.75	373.75	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420328	5414543	0.15828	374.97	374.97	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420328	5414593	0.15484	377.08	377.08	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420328	5414643	0.15359	379	379	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420328	5414693	0.15224	379.98	379.98	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420328	5414743	0.15092	380	380	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420328	5414793	0.14929	380	380	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420328	5414843	0.14738	380	380	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420328	5414893	0.14519	380	380	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420328	5414943	0.14347	380	380	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	420328	5414993	0.14227	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420328	5415043	0.14133	379.64	379.64	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420328	5415093	0.14033	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420328	5415143	0.139	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420328	5415193	0.13772	378.54	378.54	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420278	5413493	0.22323	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420278	5413543	0.22543	379.92	379.92	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420278	5413593	0.22803	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420278	5413643	0.22991	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420278	5413693	0.23092	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420278	5413743	0.23102	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420278	5413793	0.23021	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420278	5413843	0.22852	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420278	5413893	0.22598	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420278	5413943	0.22266	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420278	5413993	0.21865	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420278	5414043	0.21404	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420278	5414093	0.20893	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420278	5414143	0.20342	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420278	5414193	0.19849	379.05	379.05	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420278	5414243	0.19331	378.13	378.13	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420278	5414293	0.18818	377	377	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420278	5414343	0.18309	375.81	375.81	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420278	5414393	0.17805	374.65	374.65	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420278	5414443	0.17317	373.49	373.49	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420278	5414493	0.16806	373	373	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420278	5414543	0.16214	373.97	373.97	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420278	5414593	0.15571	375.78	375.78	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420278	5414643	0.15139	377.11	377.11	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420278	5414693	0.1506	378.21	378.21	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420278	5414743	0.14962	378.81	378.81	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420278	5414793	0.14846	379	379	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420278	5414843	0.14706	379	379	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420278	5414893	0.14537	379	379	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420278	5414943	0.14341	379	379	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420278	5414993	0.14128	379	379	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	420278	5415043	0.1402	378.37	378.37	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	420278	5415093	0.13907	378	378	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420278	5415143	0.13798	378	378	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420278	5415193	0.13676	378	378	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420228	5413493	0.21429	378.46	378.46	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5413543	0.21757	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5413593	0.22098	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5413643	0.22256	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5413693	0.22457	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5413743	0.22575	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5413793	0.22606	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420228	5413843	0.22548	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5413893	0.22405	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5413943	0.22179	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5413993	0.21876	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5414043	0.21503	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5414093	0.21071	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5414143	0.20634	379.45	379.45	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5414193	0.20146	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5414243	0.1967	378	378	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5414293	0.19169	377	377	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5414343	0.18665	375.88	375.88	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5414393	0.18157	374.77	374.77	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5414443	0.17635	374	374	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5414493	0.17141	373	373	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5414543	0.16605	373	373	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5414593	0.16023	373.98	373.98	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5414643	0.1545	375.05	375.05	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5414693	0.14896	376.12	376.12	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420228	5414743	0.14773	376.65	376.65	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420228	5414793	0.14697	377.33	377.33	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420228	5414843	0.14606	377.28	377.28	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420228	5414893	0.14486	377.24	377.24	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420228	5414943	0.14338	377.19	377.19	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420228	5414993	0.14164	377.14	377.14	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420228	5415043	0.13965	377.1	377.1	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420228	5415093	0.13814	377	377	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	420228	5415143	0.13681	377	377	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	420228	5415193	0.13559	377	377	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420178	5413493	0.20378	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5413543	0.20814	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5413593	0.21094	379.95	379.95	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5413643	0.2144	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5413693	0.21726	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5413743	0.21939	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5413793	0.22073	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5413843	0.22122	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5413893	0.22087	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5413943	0.21968	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5413993	0.21768	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5414043	0.21492	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5414093	0.21148	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5414143	0.20822	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5414193	0.20365	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5414243	0.19938	378	378	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5414293	0.19472	377.03	377.03	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5414343	0.18985	376	376	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5414393	0.18484	375	375	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5414443	0.17979	374	374	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5414493	0.17459	373.39	373.39	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5414543	0.16939	373	373	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5414593	0.16412	373	373	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5414643	0.15839	374	374	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5414693	0.15325	374.36	374.36	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5414743	0.14811	375.04	375.04	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420178	5414793	0.14469	375.58	375.58	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420178	5414843	0.14416	376	376	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420178	5414893	0.14341	376	376	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420178	5414943	0.14238	376	376	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420178	5414993	0.1411	376	376	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420178	5415043	0.13956	376	376	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420178	5415093	0.13777	376	376	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420178	5415143	0.13586	376	376	0	MONTH	WMRS	1ST	3/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420178	5415193	0.13459	376.26	376.26	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	420128	5413493	0.19622	379	379	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	420128	5413543	0.19726	379.98	379.98	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5413593	0.20162	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5413643	0.20565	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5413693	0.20919	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5413743	0.21213	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5413793	0.21437	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5413843	0.21584	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5413893	0.21651	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5413943	0.21636	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5413993	0.21541	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5414043	0.21366	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5414093	0.21116	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5414143	0.20799	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5414193	0.20467	379.38	379.38	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5414243	0.20116	378.22	378.22	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5414293	0.19713	377.06	377.06	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5414343	0.19266	376	376	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5414393	0.18801	374.78	374.78	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5414443	0.18302	374	374	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5414493	0.17808	373	373	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5414543	0.17273	373	373	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5414593	0.16744	373	373	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5414643	0.16226	373	373	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5414693	0.1567	373.9	373.9	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5414743	0.1518	374	374	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5414793	0.14692	374.41	374.41	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5414843	0.14214	375	375	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	420128	5414893	0.14125	375	375	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420128	5414943	0.14066	375	375	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420128	5414993	0.13981	375	375	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420128	5415043	0.13869	375.32	375.32	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420128	5415093	0.1373	376	376	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420128	5415143	0.13568	376.35	376.35	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420128	5415193	0.13368	377.92	377.92	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	420128	5415293	0.13014	379	379	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	420128	5415393	0.12815	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420128	5415493	0.1258	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420128	5415593	0.12311	379.06	379.06	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420128	5415693	0.11994	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420128	5415793	0.11695	380.11	380.11	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420128	5415893	0.11371	381	381	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420128	5415993	0.11056	382	382	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420128	5416093	0.10806	382	382	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420128	5416193	0.10609	381.49	381.49	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420228	5415293	0.13328	377	377	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420228	5415393	0.13035	378	378	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420228	5415493	0.12739	378	378	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420228	5415593	0.12401	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420228	5415693	0.12096	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420228	5415793	0.11766	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420228	5415893	0.11466	380.72	380.72	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420228	5415993	0.11149	382.39	382.39	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420228	5416093	0.10862	384	384	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420228	5416193	0.10635	385.02	385.02	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420328	5415293	0.13483	378	378	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420328	5415393	0.13163	378	378	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420328	5415493	0.12843	378	378	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420328	5415593	0.12526	378.19	378.19	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420328	5415693	0.12204	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420328	5415793	0.11897	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420328	5415893	0.11666	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420328	5415993	0.11349	382.46	382.46	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420328	5416093	0.1102	385.51	385.51	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420328	5416193	0.10734	388.05	388.05	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420428	5415293	0.13575	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420428	5415393	0.13242	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420428	5415493	0.12928	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420428	5415593	0.12643	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420428	5415693	0.12387	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420428	5415793	0.12115	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420428	5415893	0.1182	382	382	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420428	5415993	0.11518	384.52	384.52	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420428	5416093	0.1158	386.87	386.87	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420428	5416193	0.11602	390.02	390.02	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420528	5415293	0.1368	379.82	379.82	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420528	5415393	0.13408	379	379	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420528	5415493	0.1311	379.31	379.31	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420528	5415593	0.12823	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420528	5415693	0.126	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420528	5415793	0.12399	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420528	5415893	0.12655	381.26	381.26	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420528	5415993	0.12745	384.58	384.58	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420528	5416093	0.12728	387.92	387.92	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420528	5416193	0.125	392.21	392.21	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420628	5415293	0.13877	380.05	380.05	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420628	5415393	0.136	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420628	5415493	0.13348	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420628	5415593	0.13119	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420628	5415693	0.13368	381.47	381.47	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420628	5415793	0.13716	381.58	381.58	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420628	5415893	0.13969	382.16	382.16	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420628	5415993	0.14007	384.64	384.64	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420628	5416093	0.13972	387	387	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420628	5416193	0.13782	390.06	390.06	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420728	5415293	0.13974	383	383	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420728	5415393	0.13781	382.1	382.1	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420728	5415493	0.14168	381.41	381.41	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420728	5415593	0.14533	381.61	381.61	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420728	5415693	0.14746	382.81	382.81	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420728	5415793	0.14888	384.01	384.01	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420728	5415893	0.15069	384.04	384.04	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420728	5415993	0.15106	384.98	384.98	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420728	5416093	0.14974	387	387	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420728	5416193	0.14773	389	389	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420828	5415293	0.14553	386	386	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420828	5415393	0.15082	385.05	385.05	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420828	5415493	0.1543	384.96	384.96	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420828	5415593	0.15791	384	384	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420828	5415693	0.15976	384	384	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420828	5415793	0.15914	385.72	385.72	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420828	5415893	0.15825	387	387	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420828	5415993	0.15819	387	387	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420828	5416093	0.15756	387	387	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420828	5416193	0.1553	388	388	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420928	5415293	0.16129	387	387	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420928	5415393	0.16263	388	388	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420928	5415493	0.16527	387.5	387.5	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420928	5415593	0.16707	387	387	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420928	5415693	0.1687	386	386	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420928	5415793	0.16794	386.37	386.37	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420928	5415893	0.16433	388.51	388.51	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420928	5415993	0.16085	390.03	390.03	0	MONTH	WMRS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420928	5416093	0.15898	390	390	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420928	5416193	0.15409	391.85	391.85	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421028	5415293	0.17821	385.67	385.67	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421028	5415393	0.17579	388	388	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421028	5415493	0.17444	389.01	389.01	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421028	5415593	0.17395	389	389	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421028	5415693	0.17413	388.06	388.06	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421028	5415793	0.17238	388	388	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421028	5415893	0.16863	389	389	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421028	5415993	0.16138	392	392	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421028	5416093	0.15219	395.7	395.7	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421028	5416193	0.14356	398.71	398.71	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5415293	0.19029	385.73	385.73	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5415393	0.18409	389.03	389.03	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5415493	0.18085	390	390	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5415593	0.17869	390	390	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5415693	0.17597	390	390	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5415793	0.17313	389.79	389.79	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5415893	0.16923	390	390	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5415993	0.16065	392.95	392.95	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5416093	0.15086	396.3	396.3	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5416193	0.1401	399.98	399.98	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421228	5415293	0.20025	384.79	384.79	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421228	5415393	0.19209	388.11	388.11	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421228	5415493	0.18547	390	390	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421228	5415593	0.18182	390	390	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421228	5415693	0.17779	390	390	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421228	5415793	0.1718	391	391	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421228	5415893	0.16447	392.69	392.69	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421228	5415993	0.1559	395.01	395.01	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421228	5416093	0.14573	398.13	398.13	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421228	5416193	0.13813	400	400	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5415293	0.20799	382.85	382.85	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5415393	0.19876	386	386	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5415493	0.19129	387.64	387.64	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5415593	0.18508	388.4	388.4	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5415693	0.17903	389	389	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5415793	0.17396	389	389	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5415893	0.16745	389.92	389.92	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5415993	0.15945	391.84	391.84	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5416093	0.14691	396.39	396.39	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5416193	0.13463	400.72	400.72	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5415293	0.21152	381.53	381.53	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5415393	0.20337	383.23	383.23	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5415493	0.19427	385.42	385.42	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5415593	0.18642	386.74	386.74	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5415693	0.18035	387	387	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5415793	0.1733	388	388	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5415893	0.16802	388	388	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5415993	0.16146	389.03	389.03	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5416093	0.14993	393.04	398	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421428	5416193	0.13383	400.18	400.18	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5415293	0.21009	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5415393	0.20307	382.29	382.29	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5415493	0.19421	384	384	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5415593	0.18655	385	385	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5415693	0.17917	386	386	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5415793	0.17243	386.78	386.78	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5415893	0.16557	387.87	387.87	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5415993	0.15901	389	389	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5416093	0.15367	389.51	389.51	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5416193	0.14346	393.54	394	0	MONTH	WMRS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421628	5415293	0.20753	382	382	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421628	5415393	0.20036	382.15	382.15	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421628	5415493	0.19254	383	383	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421628	5415593	0.18487	384	384	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421628	5415693	0.1777	384.9	384.9	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421628	5415793	0.17064	386	386	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421628	5415893	0.16406	387	387	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421628	5415993	0.15644	389	389	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421628	5416093	0.14973	390.57	390.57	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421628	5416193	0.14311	392.28	392.28	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421728	5415293	0.20253	383	383	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421728	5415393	0.19562	383	383	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421728	5415493	0.18767	384	384	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421728	5415593	0.18012	385	385	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421728	5415693	0.17435	385	385	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421728	5415793	0.16851	385.27	385.27	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421728	5415893	0.16109	387	387	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421728	5415993	0.15494	388	388	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421728	5416093	0.14905	389	389	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421728	5416193	0.14341	390	390	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421828	5415293	0.19702	384	384	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421828	5415393	0.1892	384.74	384.74	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421828	5415493	0.18102	386	386	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421828	5415593	0.17466	386.33	386.33	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421828	5415693	0.16954	386	386	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421828	5415793	0.16418	386	386	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421828	5415893	0.15778	387	387	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421828	5415993	0.15165	388	388	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421828	5416093	0.14578	389	389	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421828	5416193	0.14015	390	390	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421928	5415293	0.19124	385	385	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421928	5415393	0.18476	385	385	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421928	5415493	0.17421	387.85	387.85	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421928	5415593	0.16555	389.73	389.73	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421928	5415693	0.16233	388.41	388.41	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421928	5415793	0.15948	386.75	386.75	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421928	5415893	0.15412	387	387	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421928	5415993	0.14806	388	388	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421928	5416093	0.14226	389	389	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421928	5416193	0.13671	390	390	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422028	5415293	0.18354	387	387	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422028	5415393	0.17896	386	386	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422028	5415493	0.17002	387.91	387.91	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422028	5415593	0.16115	390	390	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422028	5415693	0.156	390	390	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422028	5415793	0.15345	388.35	388.35	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422028	5415893	0.1491	388	388	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422028	5415993	0.14445	388.03	388.03	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422028	5416093	0.14157	389	389	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422028	5416193	0.13871	390	390	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422128	5415293	0.17557	389	389	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422128	5415393	0.17142	388	388	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422128	5415493	0.16732	387	387	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422128	5415593	0.15977	389.01	389.01	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422128	5415693	0.15622	390	390	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422128	5415793	0.1536	389	389	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422128	5415893	0.15058	388.77	388.77	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422128	5415993	0.14718	389.55	389.55	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422128	5416093	0.14391	390	390	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422128	5416193	0.14042	391.08	391.08	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422228	5415293	0.17394	390	390	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422228	5415393	0.17069	389	389	0 MONTH	WMRS	1ST		8/31/1996 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422228	5415493	0.16731	388	388	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422228	5415593	0.1633	388.35	388.35	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422228	5415693	0.1592	389	389	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422228	5415793	0.15538	389	389	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422228	5415893	0.15159	389	389	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422228	5415993	0.14747	390	390	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422228	5416093	0.14339	391	391	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422228	5416193	0.13894	392.98	392.98	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422328	5415293	0.17614	390	390	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422328	5415393	0.1715	390	390	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422328	5415493	0.16732	389.15	389.15	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422328	5415593	0.16282	389	389	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422328	5415693	0.15831	389	389	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422328	5415793	0.1535	389.89	389.89	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422328	5415893	0.14911	390	390	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422328	5415993	0.14483	390	390	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422328	5416093	0.14026	391	391	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422328	5416193	0.13521	393.31	393.31	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422428	5415293	0.17479	389.06	389.06	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422428	5415393	0.16891	390	390	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422428	5415493	0.16368	390	390	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422428	5415593	0.15805	391	391	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422428	5415693	0.15358	390	390	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422428	5415793	0.1485	390.49	390.49	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422428	5415893	0.14355	391	391	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422428	5415993	0.13898	391	391	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422428	5416093	0.13411	392	392	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422428	5416193	0.12889	394	394	0 MONTH	WMRS	1ST		8/31/1996 24 hr
TMA	422528	5415293	0.16897	390	390	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422528	5415393	0.16246	391.3	391.3	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422528	5415493	0.15549	393.05	393.05	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422528	5415593	0.15004	394.16	394.16	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422528	5415693	0.14705	394.07	394.07	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422528	5415793	0.1442	393.98	393.98	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422528	5415893	0.14354	393	393	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422528	5415993	0.14305	392	392	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422528	5416093	0.14131	392	392	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422528	5416193	0.138	393.43	393.43	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422628	5415293	0.17479	390	390	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422628	5415393	0.16537	392.95	392.95	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422628	5415493	0.15846	395.85	395.85	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422628	5415593	0.15324	397.7	397.7	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422628	5415693	0.15128	397.61	397.61	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422628	5415793	0.15081	396.52	396.52	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422628	5415893	0.15043	395.2	395.2	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422628	5415993	0.14965	394	394	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422628	5416093	0.14841	393	393	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422628	5416193	0.14533	393.57	393.57	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422728	5415293	0.18036	391.69	391.69	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422728	5415393	0.17335	394.01	394.01	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422728	5415493	0.16461	397.33	397.33	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422728	5415593	0.15697	400	400	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422728	5415693	0.15419	400	400	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422728	5415793	0.15346	398.74	398.74	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422728	5415893	0.15321	397	397	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422728	5415993	0.15286	395.08	395.08	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422728	5416093	0.15114	394	394	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422728	5416193	0.14809	394	394	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422828	5415293	0.18522	392.75	392.75	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422828	5415393	0.17618	395	395	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422828	5415493	0.1684	397	397	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422828	5415593	0.16179	398.71	398.71	0 MONTH	WMRS	1ST		12/31/1999 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422828	5415693	0.15774	399	399	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422828	5415793	0.15426	399	399	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	422828	5415893	0.15319	398.18	398.18	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422828	5415993	0.15279	397	397	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422828	5416093	0.15191	396	396	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422828	5416193	0.15093	395	395	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422928	5415293	0.19135	393.5	393.5	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422928	5415393	0.18324	395.13	395.13	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422928	5415493	0.17483	397	397	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	422928	5415593	0.16897	398.77	398.77	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	422928	5415693	0.16544	399	399	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	422928	5415793	0.16227	399	399	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	422928	5415893	0.15921	399	399	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	422928	5415993	0.1572	398	398	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	422928	5416093	0.15516	397	397	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	422928	5416193	0.15404	396	396	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423028	5415293	0.1975	393.89	393.89	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423028	5415393	0.19161	395	395	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423028	5415493	0.18573	396.51	396.51	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423028	5415593	0.18024	397.84	397.84	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423028	5415693	0.17514	399	399	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423028	5415793	0.171	399.46	399.46	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423028	5415893	0.16726	399.7	399.7	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423028	5415993	0.1646	399	399	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423028	5416093	0.16223	398	398	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423028	5416193	0.15899	398	398	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423128	5415293	0.20428	394.93	394.93	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423128	5415393	0.19817	396	396	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423128	5415493	0.19202	397.3	397.3	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423128	5415593	0.1863	398.44	398.44	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423128	5415693	0.18147	399	399	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423128	5415793	0.17632	400	400	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423128	5415893	0.1725	400	400	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423128	5415993	0.16981	399	399	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423128	5416093	0.16618	399	399	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423128	5416193	0.16267	399	399	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423228	5415293	0.20772	395	395	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423228	5415393	0.20015	397	397	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423228	5415493	0.19321	398.66	398.66	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423228	5415593	0.18692	400	400	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423228	5415693	0.18254	400	400	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423228	5415793	0.17832	400	400	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423228	5415893	0.17533	399	399	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423228	5415993	0.17134	399	399	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423228	5416093	0.16749	399	399	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423228	5416193	0.16284	400	400	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423328	5415293	0.20978	396.05	396.05	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423328	5415393	0.19841	398	398	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423328	5415493	0.19116	399	399	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423328	5415593	0.18518	400	400	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423328	5415693	0.1807	400	400	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423328	5415793	0.17638	400	400	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423328	5415893	0.17331	399	399	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	423328	5415993	0.17161	398	398	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423328	5416093	0.16769	398	398	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423328	5416193	0.16162	399.01	399.01	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423428	5415293	0.21344	397	397	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423428	5415393	0.20328	398.43	398.43	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423428	5415493	0.19643	399	399	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423428	5415593	0.18901	399.86	399.86	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423428	5415693	0.18709	399	399	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423428	5415793	0.1854	398.03	398.03	0 MONTH	WMRS	1ST		2/28/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	423428	5415893	0.18378	397	397	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423428	5415993	0.18197	396	396	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423428	5416093	0.17868	395.59	395.59	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423428	5416193	0.17362	396	396	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423528	5415293	0.22127	397	397	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423528	5415393	0.21212	398	398	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423528	5415493	0.20345	399	399	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423528	5415593	0.1985	399	399	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423528	5415693	0.19591	398.3	398.3	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423528	5415793	0.19506	397	397	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423528	5415893	0.19334	395.93	395.93	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423528	5415993	0.19253	394.45	394.45	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423528	5416093	0.19078	393.24	393.24	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423528	5416193	0.18697	392.91	392.91	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423628	5415293	0.22182	399	399	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423628	5415393	0.2163	399	399	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423628	5415493	0.21016	399.23	399.23	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423628	5415593	0.20538	399.14	399.14	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423628	5415693	0.20244	398.54	398.54	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423628	5415793	0.20184	397.18	397.18	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423628	5415893	0.20081	395.87	395.87	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423628	5415993	0.20099	394	394	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423628	5416093	0.2004	392.23	392.23	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423628	5416193	0.19826	391	391	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423728	5415293	0.22414	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423728	5415393	0.21882	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423728	5415493	0.21367	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423728	5415593	0.20868	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423728	5415693	0.20731	399	399	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423728	5415793	0.20576	398	398	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423728	5415893	0.20706	396	396	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423728	5415993	0.20723	394.18	394.18	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423728	5416093	0.20528	393	393	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423728	5416193	0.20303	391.86	391.86	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423828	5415293	0.22681	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423828	5415393	0.22182	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423828	5415493	0.21694	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423828	5415593	0.21219	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423828	5415693	0.21154	398.89	398.89	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423828	5415793	0.21296	397.07	397.07	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423828	5415893	0.21149	396	396	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423828	5415993	0.2112	394.43	394.43	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423828	5416093	0.20981	393.11	393.11	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423828	5416193	0.20762	392	392	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423928	5415293	0.22478	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423928	5415393	0.22037	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423928	5415493	0.21603	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423928	5415593	0.21555	399	399	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423928	5415693	0.21652	397.51	397.51	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423928	5415793	0.21707	396	396	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423928	5415893	0.21558	395	395	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423928	5415993	0.21386	394	394	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423928	5416093	0.21279	392.65	392.65	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423928	5416193	0.21222	390.93	390.93	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424028	5415293	0.21818	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424028	5415393	0.21447	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424028	5415493	0.21082	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424028	5415593	0.2072	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424028	5415693	0.20915	398.46	398.46	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424028	5415793	0.2143	395.78	395.78	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424028	5415893	0.21848	393	393	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424028	5415993	0.21423	393	393	0 MONTH	WMRS	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	424028	5416093	0.21477	391.09	391.09	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424028	5416193	0.2136	389.68	389.68	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424128	5415293	0.20768	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424128	5415393	0.2047	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424128	5415493	0.19802	401	401	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424128	5415593	0.19521	401	401	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424128	5415693	0.19867	399.21	399.21	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424128	5415793	0.21246	393.89	393.89	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424128	5415893	0.21906	390	390	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424128	5415993	0.21522	390	390	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424128	5416093	0.20923	390.97	390.97	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424128	5416193	0.21005	388.86	388.86	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423228	5415193	0.21628	393.68	393.68	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423228	5415093	0.2272	392	392	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423328	5415193	0.22202	394	394	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423328	5415093	0.23464	391.99	391.99	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423428	5415193	0.22613	395	395	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423428	5415093	0.23596	394	394	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423528	5415193	0.23092	396	396	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423528	5415093	0.24111	395	395	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423628	5415193	0.23177	397.96	397.96	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423628	5415093	0.24607	396	396	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423728	5415193	0.23405	398.97	398.97	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423728	5415093	0.24858	397	397	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423828	5415193	0.23895	398.4	398.4	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423828	5415093	0.25079	397	397	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423928	5415193	0.23369	399	399	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	423928	5415093	0.24402	397.77	397.77	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424028	5415193	0.22194	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424028	5415093	0.23032	398.97	398.97	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424028	5414993	0.24118	397.46	397.46	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424028	5414893	0.2522	396	396	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424028	5414793	0.25151	397.12	397.12	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424028	5414693	0.24439	399.44	399.44	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424128	5415193	0.21069	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424128	5415093	0.21788	399	399	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424128	5414993	0.2253	398	398	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424128	5414893	0.23236	397.14	397.14	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424128	5414793	0.23211	398	398	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424128	5414693	0.22928	399.38	399.38	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420028	5413493	0.19669	379	379	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	420028	5413593	0.18816	379	379	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	420028	5413693	0.19288	379	379	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420028	5413793	0.20033	379	379	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420028	5413893	0.2056	379.08	379.08	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420028	5413993	0.20828	379	379	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420028	5414093	0.20788	379	379	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420028	5414193	0.2052	377.89	377.89	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420028	5414293	0.20007	376	376	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420028	5414393	0.19273	373.92	373.92	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420028	5414493	0.1839	372.25	372.25	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420028	5414593	0.17378	373	373	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420028	5414693	0.16262	375.1	375.1	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420028	5414793	0.15223	375.76	375.76	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420028	5414893	0.14298	375.64	375.64	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	420028	5414993	0.13484	378.09	378.09	0 MONTH	WMRS	1ST		12/31/1996 24 hr
TMA	420028	5415093	0.13362	380.44	380.44	0 MONTH	WMRS	1ST		12/31/1996 24 hr
TMA	420028	5415193	0.13204	380.23	380.23	0 MONTH	WMRS	1ST		12/31/1996 24 hr
TMA	420028	5415293	0.12949	380	380	0 MONTH	WMRS	1ST		12/31/1996 24 hr
TMA	420028	5415393	0.12599	380	380	0 MONTH	WMRS	1ST		12/31/1996 24 hr
TMA	420028	5415493	0.12342	379.87	379.87	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420028	5415593	0.12145	380	380	0 MONTH	WMRS	1ST		12/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420028	5415693	0.11882	381	381	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420028	5415793	0.11585	382	382	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420028	5415893	0.11301	382	382	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420028	5415993	0.11015	382	382	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420028	5416093	0.10776	381	381	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	420028	5416193	0.10556	380.09	380.09	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419928	5413493	0.19692	377.92	377.92	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419928	5413593	0.18943	377.82	377.82	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419928	5413693	0.18154	377.73	377.73	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419928	5413793	0.18496	377.63	377.63	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419928	5413893	0.1927	377	377	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419928	5413993	0.19801	377	377	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419928	5414093	0.20138	376	376	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419928	5414193	0.20176	375	375	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419928	5414293	0.19936	373.32	373.32	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419928	5414393	0.19434	372.06	372.06	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419928	5414493	0.18738	372	372	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419928	5414593	0.17848	374.56	374.56	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419928	5414693	0.16684	379.09	379.09	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419928	5414793	0.15626	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419928	5414893	0.14645	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419928	5414993	0.13719	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419928	5415093	0.12856	380.27	380.27	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419928	5415193	0.12849	380	380	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419928	5415293	0.12765	379.23	379.23	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419928	5415393	0.12576	379	379	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419928	5415493	0.12296	379	379	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419928	5415593	0.1192	380	380	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419928	5415693	0.11696	382	382	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419928	5415793	0.11437	384	384	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419928	5415893	0.11186	384.34	384.34	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419928	5415993	0.10954	383.34	383.34	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419928	5416093	0.1074	381.47	381.47	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419928	5416193	0.10516	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419828	5413493	0.19726	376	376	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419828	5413593	0.19007	376	376	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419828	5413693	0.1834	375.18	375.18	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419828	5413793	0.17587	375.07	375.07	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419828	5413893	0.17835	375	375	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419828	5413993	0.1857	374	374	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419828	5414093	0.1911	373	373	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419828	5414193	0.19395	372.71	372.71	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419828	5414293	0.19435	372	372	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419828	5414393	0.19225	371.52	371.52	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419828	5414493	0.18799	372	372	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419828	5414593	0.18156	374.71	374.71	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419828	5414693	0.17297	377.27	377.27	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419828	5414793	0.16267	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419828	5414893	0.15364	379.38	379.38	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419828	5414993	0.14448	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419828	5415093	0.13552	378.96	378.96	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419828	5415193	0.12734	378.77	378.77	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419828	5415293	0.12351	378.93	378.93	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419828	5415393	0.12304	379	379	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419828	5415493	0.12159	379.79	379.79	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419828	5415593	0.11941	380	380	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419828	5415693	0.11575	383.2	383.2	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419828	5415793	0.11174	386.41	386.41	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419828	5415893	0.1096	387.89	387.89	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419828	5415993	0.10789	387	387	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419828	5416093	0.10653	383.65	390	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419828	5416193	0.10518	379.04	392	0	MONTH	WMRS	1ST	12/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419728	5413493	0.19441	377.15	377.15	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419728	5413593	0.18893	375.65	375.65	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419728	5413693	0.18338	374	374	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419728	5413793	0.17702	373	373	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419728	5413893	0.16992	372.77	372.77	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419728	5413993	0.1719	372	372	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419728	5414093	0.17842	371.25	371.25	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419728	5414193	0.18321	371	371	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419728	5414293	0.18607	371	371	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419728	5414393	0.18685	372	372	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419728	5414493	0.18543	372.11	372.11	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419728	5414593	0.18189	373	373	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419728	5414693	0.17627	374.99	374.99	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419728	5414793	0.16903	376	376	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419728	5414893	0.16076	376.51	376.51	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419728	5414993	0.15184	377	377	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419728	5415093	0.14286	377.23	377.23	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419728	5415193	0.13326	378.9	378.9	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419728	5415293	0.12441	379.98	379.98	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419728	5415393	0.11816	380	380	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419728	5415493	0.11798	381.06	381.06	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419728	5415593	0.11652	383.84	383.84	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419728	5415693	0.11416	386.38	386.38	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419728	5415793	0.11059	389.45	389.45	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419728	5415893	0.10737	390	390	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419728	5415993	0.10501	391	391	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419728	5416093	0.10294	392	392	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419728	5416193	0.1013	391	391	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419628	5413093	0.21869	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419628	5413193	0.21178	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419628	5413293	0.20421	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419628	5413393	0.19659	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419628	5413493	0.19066	378.97	378.97	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419628	5413593	0.18607	377	377	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419628	5413693	0.18137	375	375	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419628	5413793	0.17634	372.96	372.96	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419628	5413893	0.17067	371	371	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419628	5413993	0.16408	370	370	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419628	5414093	0.16457	371	371	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419628	5414193	0.17053	371.12	371.12	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419628	5414293	0.17519	372	372	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419628	5414393	0.17845	372.03	372.03	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419628	5414493	0.17935	375.26	375.26	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419628	5414593	0.17802	377.75	377.75	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419628	5414693	0.17576	375.85	375.85	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419628	5414793	0.17101	375.94	375.94	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419628	5414893	0.1647	376.04	376.04	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419628	5414993	0.15693	377.11	377.11	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419628	5415093	0.14794	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419628	5415193	0.13861	380.49	380.49	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419628	5415293	0.12923	382	382	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419628	5415393	0.12011	383.57	383.57	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419628	5415493	0.11153	385.26	385.26	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419628	5415593	0.11147	386.93	386.93	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419628	5415693	0.11088	388.07	388.07	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419628	5415793	0.1096	389	389	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419628	5415893	0.1081	388.71	388.71	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419628	5415993	0.10516	390	390	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419628	5416093	0.10173	391	391	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419628	5416193	0.10051	391	391	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419528	5413093	0.21473	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419528	5413193	0.20901	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419528	5413293	0.20234	380	380	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	419528	5413393	0.19512	380	380	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	419528	5413493	0.1879	380	380	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	419528	5413593	0.18316	378.23	378.23	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	419528	5413693	0.18004	374.7	374.7	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	419528	5413793	0.17616	371.02	371.02	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	419528	5413893	0.17042	370	370	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	419528	5413993	0.16408	370.62	370.62	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	419528	5414093	0.15769	371	371	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	419528	5414193	0.15673	372	372	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419528	5414293	0.16218	373.58	373.58	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419528	5414393	0.16727	374	374	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419528	5414493	0.16995	377.2	377.2	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419528	5414593	0.17079	380	380	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419528	5414693	0.17117	379.49	379.49	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419528	5414793	0.16952	378.41	378.41	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419528	5414893	0.16563	378	378	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419528	5414993	0.15963	379	379	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419528	5415093	0.15232	380	380	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419528	5415193	0.14388	381.42	381.42	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419528	5415293	0.13435	383.74	383.74	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419528	5415393	0.12458	386	386	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419528	5415493	0.1161	386.85	386.85	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419528	5415593	0.10888	386.76	386.76	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419528	5415693	0.10751	385.66	385.66	0 MONTH	WMRS	1ST		12/31/1996 24 hr
TMA	419528	5415793	0.10813	384.57	384.57	0 MONTH	WMRS	1ST		12/31/1996 24 hr
TMA	419528	5415893	0.1074	385.47	385.47	0 MONTH	WMRS	1ST		12/31/1996 24 hr
TMA	419528	5415993	0.10539	387.98	387.98	0 MONTH	WMRS	1ST		12/31/1996 24 hr
TMA	419528	5416093	0.10312	389.08	389.08	0 MONTH	WMRS	1ST		12/31/1996 24 hr
TMA	419528	5416193	0.10057	389.19	389.19	0 MONTH	WMRS	1ST		12/31/1996 24 hr
TMA	419428	5413093	0.21276	378	378	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	419428	5413193	0.20683	379	379	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	419428	5413293	0.20124	379	379	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	419428	5413393	0.19351	380	380	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	419428	5413493	0.1866	380	380	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	419428	5413593	0.18126	378.71	378.71	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	419428	5413693	0.17878	374.4	374.4	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	419428	5413793	0.17533	370.08	370.08	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	419428	5413893	0.16939	370	370	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	419428	5413993	0.16329	371	371	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	419428	5414093	0.15738	372	372	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	419428	5414193	0.15136	373.19	373.19	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	419428	5414293	0.14837	374.78	374.78	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419428	5414393	0.15457	375	375	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419428	5414493	0.1591	377	377	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419428	5414593	0.16237	379	379	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419428	5414693	0.16456	379.79	379.79	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419428	5414793	0.16548	379	379	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419428	5414893	0.16394	379.13	379.13	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419428	5414993	0.16025	380	380	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419428	5415093	0.15482	381.01	381.01	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419428	5415193	0.14742	383.15	383.15	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419428	5415293	0.13907	385	385	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419428	5415393	0.13139	385	385	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419428	5415493	0.12436	383.78	383.78	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419428	5415593	0.11722	383	383	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419428	5415693	0.11063	382.01	382.01	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419428	5415793	0.10465	381	381	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	419428	5415893	0.10481	381.54	381.54	0 MONTH	WMRS	1ST		12/31/1996 24 hr
TMA	419428	5415993	0.10396	384.75	384.75	0 MONTH	WMRS	1ST		12/31/1996 24 hr
TMA	419428	5416093	0.10259	387	387	0 MONTH	WMRS	1ST		12/31/1996 24 hr
TMA	419428	5416193	0.10066	388.7	388.7	0 MONTH	WMRS	1ST		12/31/1996 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419328	5413093	0.20866	377	377	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5413193	0.20265	378.95	378.95	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5413293	0.19687	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5413393	0.19023	381	381	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5413493	0.18524	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5413593	0.18243	376.33	376.33	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5413693	0.17903	372.21	372.21	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5413793	0.17407	370	370	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5413893	0.16815	370	370	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5413993	0.16218	371	371	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5414093	0.15628	372.81	372.81	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5414193	0.15084	374	374	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5414293	0.14536	375.05	375.05	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5414393	0.14127	376	376	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419328	5414493	0.14754	376	376	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419328	5414593	0.15208	378	378	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419328	5414693	0.156	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419328	5414793	0.15838	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419328	5414893	0.1593	380.23	380.23	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419328	5414993	0.15783	381.51	381.51	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419328	5415093	0.15437	383	383	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419328	5415193	0.14946	384	384	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419328	5415293	0.14379	383.97	383.97	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419328	5415393	0.13815	382.06	382.06	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419328	5415493	0.13144	381	381	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419328	5415593	0.12449	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419328	5415693	0.11737	379.62	379.62	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419328	5415793	0.1104	379.62	379.62	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419328	5415893	0.10262	382.14	382.14	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419328	5415993	0.09945	386.55	386.55	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419328	5416093	0.09893	389	389	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419328	5416193	0.09832	390	390	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419228	5413093	0.2024	377.57	377.57	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419228	5413193	0.1978	379	379	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419228	5413293	0.1931	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419228	5413393	0.1888	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419228	5413493	0.18641	377.16	377.16	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419228	5413593	0.18369	372.84	372.84	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419228	5413693	0.17904	369.96	369.96	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419228	5413793	0.1733	369	369	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419228	5413893	0.16737	369	369	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419228	5413993	0.16108	370.64	370.64	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419228	5414093	0.15479	373.35	373.35	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419228	5414193	0.1492	375.59	375.59	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419228	5414293	0.14449	376.25	376.25	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419228	5414393	0.1396	377	377	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419228	5414493	0.13434	377.84	377.84	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419228	5414593	0.13975	378.96	378.96	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419228	5414693	0.14483	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419228	5414793	0.14892	380.97	380.97	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419228	5414893	0.15154	382	382	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419228	5414993	0.15265	382.73	382.73	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419228	5415093	0.15218	383	383	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419228	5415193	0.15011	382.88	382.88	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419228	5415293	0.14688	381.67	381.67	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419228	5415393	0.14203	381	381	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419228	5415493	0.1363	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419228	5415593	0.12959	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419228	5415693	0.12297	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419228	5415793	0.11558	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419228	5415893	0.10742	382.83	382.83	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419228	5415993	0.09809	387.77	387.77	0	MONTH	WMRS	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419228	5416093	0.09465	389.06	389.06	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419228	5416193	0.09497	390	390	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419128	5413093	0.19725	377	377	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5413193	0.19416	377.7	377.7	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5413293	0.19123	377.75	377.75	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5413393	0.18887	376.54	376.54	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5413493	0.18687	373.22	373.22	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5413593	0.18332	369.9	369.9	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5413693	0.17795	369	369	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5413793	0.17233	368.28	368.28	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5413893	0.16568	370.05	370.05	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5413993	0.15775	374.28	374.28	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5414093	0.15068	377.69	377.69	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5414193	0.14574	379	379	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5414293	0.14213	378.74	378.74	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5414393	0.13862	378	378	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5414493	0.13404	379	379	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5414593	0.12911	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5414693	0.13318	380.34	380.34	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419128	5414793	0.13847	381	381	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419128	5414893	0.14308	381.23	381.23	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419128	5414993	0.14658	381	381	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419128	5415093	0.14833	381	381	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419128	5415193	0.14836	381	381	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419128	5415293	0.14685	380.44	380.44	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419128	5415393	0.14372	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419128	5415493	0.13915	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419128	5415593	0.13357	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419128	5415693	0.12791	378	378	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419128	5415793	0.12122	378.43	378.43	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419128	5415893	0.11341	381.39	381.39	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419128	5415993	0.10568	383.76	383.76	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419128	5416093	0.09872	384.98	384.98	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419128	5416193	0.0934	384	384	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	419128	5416393	0.0939	381.62	391	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419128	5416593	0.09309	376.62	376.62	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419128	5416793	0.08963	373.32	373.32	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419128	5416993	0.08563	370	370	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	419128	5417193	0.08309	370	370	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419128	5417393	0.08001	372	372	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419128	5417593	0.07657	373	373	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419128	5417793	0.07372	371	371	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419128	5417993	0.07192	366.05	366.05	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419128	5418193	0.06926	370	370	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419128	5418393	0.06776	369.68	369.68	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419128	5418593	0.06711	362.04	362.04	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419128	5418793	0.06955	363	363	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	419128	5418993	0.07172	363	363	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	419128	5419193	0.07322	362	362	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	419328	5416393	0.09603	389.8	389.8	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419328	5416593	0.09339	379	379	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	419328	5416793	0.09072	375	375	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419328	5416993	0.08736	372	372	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419328	5417193	0.08356	373.69	373.69	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419328	5417393	0.07956	375.97	375.97	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419328	5417593	0.07664	375	375	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419328	5417793	0.07522	370.19	370.19	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419328	5417993	0.07378	367.5	367.5	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	419328	5418193	0.07225	370	370	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	419328	5418393	0.07547	368.56	368.56	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	419328	5418593	0.07786	364.82	364.82	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	419328	5418793	0.07968	365	365	0	MONTH	WMRS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419328	5418993	0.08091	365	365	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419328	5419193	0.08141	364	364	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419528	5416393	0.09751	387	387	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	419528	5416593	0.09476	382.03	382.03	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	419528	5416793	0.09066	380	380	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	419528	5416993	0.08749	374.51	374.51	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	419528	5417193	0.08276	379.24	379.24	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	419528	5417393	0.07973	380	380	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	419528	5417593	0.07832	378	378	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	419528	5417793	0.07807	373.78	373.78	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419528	5417993	0.082	369.84	369.84	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419528	5418193	0.08478	370	370	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419528	5418393	0.08683	370	370	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419528	5418593	0.08804	366.98	366.98	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419528	5418793	0.08867	367	367	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419528	5418993	0.0888	368	368	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419528	5419193	0.08811	367	367	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419728	5416393	0.09985	379.91	390	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	419728	5416593	0.09503	380	380	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	419728	5416793	0.09074	380	380	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	419728	5416993	0.08741	380	380	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	419728	5417193	0.08607	376.34	376.34	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	419728	5417393	0.0837	380	380	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419728	5417593	0.0881	379	379	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419728	5417793	0.09195	376	376	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419728	5417993	0.09424	376.16	376.16	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419728	5418193	0.09613	371.96	371.96	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419728	5418393	0.09671	370	370	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419728	5418593	0.09654	370	370	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419728	5418793	0.09556	369	369	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419728	5418993	0.09416	370	370	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419728	5419193	0.09203	369.35	369.35	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419928	5416393	0.10059	379	379	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	419928	5416593	0.09666	379	379	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	419928	5416793	0.09345	380	380	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	419928	5416993	0.09149	380	380	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419928	5417193	0.09652	379.01	379.01	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419928	5417393	0.0988	382.65	382.65	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419928	5417593	0.10128	383	383	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419928	5417793	0.10368	381	381	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419928	5417993	0.10467	380	380	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419928	5418193	0.10506	375.81	375.81	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419928	5418393	0.10382	371	371	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419928	5418593	0.10184	372	372	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419928	5418793	0.09917	371.94	371.94	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419928	5418993	0.09595	374	374	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	419928	5419193	0.09258	371.55	371.55	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420128	5416393	0.1035	379	391	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420128	5416593	0.10049	380.31	380.31	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	420128	5416793	0.10558	380.79	380.79	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420128	5416993	0.10921	381.72	381.72	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420128	5417193	0.11088	384.07	384.07	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420128	5417393	0.11083	387.27	387.27	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420128	5417593	0.10981	390	390	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420128	5417793	0.10945	390	390	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420128	5417993	0.10833	389.32	389.32	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420128	5418193	0.10996	376.69	376.69	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420128	5418393	0.10661	376	376	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420128	5418593	0.10227	378.22	378.22	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420128	5418793	0.09806	378	378	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420128	5418993	0.09442	375	375	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420128	5419193	0.09107	370.18	370.18	0 MONTH	WMRS	1ST		2/28/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420328	5416393	0.10618	394.11	394.11	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420328	5416593	0.11553	388.83	402	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420328	5416793	0.11811	390	390	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420328	5416993	0.12217	387	387	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420328	5417193	0.12009	390.17	390.17	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420328	5417393	0.118	391.55	391.55	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420328	5417593	0.10927	398.53	398.53	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420328	5417793	0.11335	389.83	395	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420328	5417993	0.11325	382.29	382.29	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420328	5418193	0.1096	379	379	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420328	5418393	0.10433	380	380	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420328	5418593	0.09884	381.41	389	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420328	5418793	0.09531	378.66	378.66	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420328	5418993	0.0923	374.03	374.03	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420328	5419193	0.08905	370	370	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420528	5416393	0.11788	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420528	5416593	0.12193	398.52	398.52	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420528	5416793	0.12775	394.09	394.09	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420528	5416993	0.13018	390	390	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420528	5417193	0.11804	398.39	398.39	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420528	5417393	0.11326	399	399	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420528	5417593	0.11374	394	394	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420528	5417793	0.11266	388.71	388.71	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420528	5417993	0.11001	384.08	384.08	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420528	5418193	0.1053	382.79	382.79	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420528	5418393	0.09869	386	386	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420528	5418593	0.09269	389	389	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420528	5418793	0.09196	382.54	382.54	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420528	5418993	0.08969	377.9	377.9	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420528	5419193	0.08738	370	370	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420728	5416393	0.13132	399.94	399.94	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420728	5416593	0.11382	408.61	408.61	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420728	5416793	0.11865	403.72	407	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420728	5416993	0.12028	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420728	5417193	0.11472	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420728	5417393	0.109	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420728	5417593	0.10871	395.45	395.45	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420728	5417793	0.10781	390.59	390.59	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420728	5417993	0.10591	386.08	386.08	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420728	5418193	0.10072	386.97	386.97	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420728	5418393	0.09547	389	389	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420728	5418593	0.09159	389.52	389.52	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420728	5418793	0.08913	387.61	387.61	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420728	5418993	0.08816	379.78	379.78	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420728	5419193	0.08584	370	370	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420928	5416393	0.14678	393.03	393.03	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420928	5416593	0.11883	405.33	411	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420928	5416793	0.10435	410.89	410.89	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420928	5416993	0.11684	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420928	5417193	0.11364	398	398	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420928	5417393	0.10698	399	399	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420928	5417593	0.10163	400.9	400.9	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	420928	5417793	0.09846	399.46	399.46	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	420928	5417993	0.10245	389.18	389.18	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420928	5418193	0.09888	388.2	388.2	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420928	5418393	0.09499	388	388	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420928	5418593	0.09113	388	388	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420928	5418793	0.08933	382.29	382.29	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420928	5418993	0.08665	377	377	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	420928	5419193	0.08309	375.98	375.98	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421128	5416393	0.1332	399.78	399.78	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	421128	5416593	0.12749	399	399	0 MONTH	WMRS	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421128	5416793	0.11944	400	400	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5416993	0.11796	396.98	396.98	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5417193	0.11496	394.98	394.98	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5417393	0.1078	397	397	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5417593	0.10091	399.35	399.35	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5417793	0.10012	395.88	395.88	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5417993	0.09963	390.72	390.72	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5418193	0.09674	387.91	387.91	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5418393	0.094	384	384	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5418593	0.08924	385	385	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5418793	0.08572	383.17	383.17	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5418993	0.08281	379.7	379.7	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5419193	0.07895	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5416393	0.129	400	400	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5416593	0.12273	400	400	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5416793	0.12137	397	397	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5416993	0.11936	394	394	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5417193	0.11655	391.11	391.11	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5417393	0.11021	392	392	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5417593	0.10547	391.25	391.25	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5417793	0.10153	389.44	389.44	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5417993	0.09855	385.84	385.84	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5418193	0.0954	381.99	381.99	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5418393	0.09181	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5418593	0.08737	379.18	379.18	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5418793	0.08269	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5418993	0.07928	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421328	5419193	0.07709	380	380	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421528	5416393	0.12591	400	400	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5416593	0.11979	400	400	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5416793	0.11763	397.27	397.27	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5416993	0.1154	394	394	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5417193	0.11306	390	390	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5417393	0.10861	388	388	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5417593	0.10413	386.15	386.15	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5417793	0.09942	385	385	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5417993	0.09557	382.74	382.74	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5418193	0.09216	379.83	379.83	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5418393	0.08913	376.17	376.17	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421528	5418593	0.08606	376	376	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421528	5418793	0.08384	378.02	378.02	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421528	5418993	0.08132	378	378	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421528	5419193	0.07902	380	380	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421728	5416393	0.12937	394.58	394.58	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421728	5416593	0.11762	398	398	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421728	5416793	0.11013	398.9	398.9	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421728	5416993	0.10755	400	400	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421728	5417193	0.10738	395.23	395.23	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421728	5417393	0.10639	388.37	410	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421728	5417593	0.10374	386	386	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421728	5417793	0.10066	382.99	382.99	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421728	5417993	0.09723	380	380	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421728	5418193	0.09352	377	377	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421728	5418393	0.09054	379.94	379.94	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421728	5418593	0.08685	377.01	377.01	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421728	5418793	0.08285	373	373	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421728	5418993	0.08021	376.17	376.17	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421728	5419193	0.07725	377.53	377.53	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421928	5416393	0.12931	392.6	392.6	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421928	5416593	0.12446	395	395	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421928	5416793	0.11972	397	397	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421928	5416993	0.1149	399	399	0	MONTH	WMRS	1ST	8/31/1996 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	421928	5417193	0.10537	409.1	409.1	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421928	5417393	0.10109	410	410	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421928	5417593	0.10407	393	411	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421928	5417793	0.10063	384	384	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421928	5417993	0.09616	380.75	380.75	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421928	5418193	0.09176	378.7	378.7	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421928	5418393	0.08782	381	381	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421928	5418593	0.08388	382	382	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421928	5418793	0.08175	373.64	373.64	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421928	5418993	0.07986	371.04	371.04	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421928	5419193	0.07749	370.75	370.75	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422128	5416393	0.13317	394	394	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422128	5416593	0.12672	395.06	395.06	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422128	5416793	0.12041	396	396	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422128	5416993	0.11337	399	399	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422128	5417193	0.10315	407.86	407.86	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422128	5417393	0.09912	406.01	406.01	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422128	5417593	0.09775	397.06	399	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422128	5417793	0.09641	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422128	5417993	0.09403	381.1	381.1	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422128	5418193	0.09144	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422128	5418393	0.08923	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422128	5418593	0.08777	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422128	5418793	0.08647	378	378	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422128	5418993	0.08495	375	375	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422128	5419193	0.08308	372	372	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422328	5416393	0.12513	397.94	397.94	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422328	5416593	0.11676	400	400	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422328	5416793	0.11097	398	398	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422328	5416993	0.10365	399.85	399.85	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	422328	5417193	0.10188	400	400	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422328	5417393	0.09511	404.9	410	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422328	5417593	0.1051	390.69	410	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422328	5417793	0.10608	383.61	383.61	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422328	5417993	0.10411	381	381	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422328	5418193	0.10162	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422328	5418393	0.09897	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422328	5418593	0.09633	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422328	5418793	0.09373	379.44	379.44	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422328	5418993	0.091	375.81	375.81	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422328	5419193	0.08793	371.17	371.17	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422528	5416393	0.12925	398.06	398.06	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422528	5416593	0.11959	403.25	403.25	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422528	5416793	0.11937	401.07	401.07	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422528	5416993	0.11407	403	403	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422528	5417193	0.11531	398.82	398.82	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422528	5417393	0.11639	393.16	393.16	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422528	5417593	0.11539	388	388	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422528	5417793	0.11072	390	390	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422528	5417993	0.11018	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422528	5418193	0.10701	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422528	5418393	0.10398	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422528	5418593	0.10108	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422528	5418793	0.09911	376.32	376.32	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422528	5418993	0.09668	373.94	373.94	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422528	5419193	0.09423	370.17	370.17	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422728	5416393	0.13641	398.18	411	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422728	5416593	0.11868	408.5	408.5	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422728	5416793	0.12087	403.45	403.45	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422728	5416993	0.1097	409	409	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422728	5417193	0.10456	410	410	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422728	5417393	0.11056	401.29	407	0	MONTH	WMRS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422728	5417593	0.12089	389.01	389.01	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422728	5417793	0.12074	383	383	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422728	5417993	0.11837	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422728	5418193	0.11417	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422728	5418393	0.11048	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422728	5418593	0.10737	378.4	378.4	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422728	5418793	0.10443	376	376	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422728	5418993	0.10163	372	372	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422728	5419193	0.09853	371	371	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422928	5416393	0.1482	396	396	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422928	5416593	0.14081	397.97	397.97	0	MONTH	WMRS	1ST	10/31/2000 24 hr
TMA	422928	5416793	0.13482	399.57	399.57	0	MONTH	WMRS	1ST	10/31/2000 24 hr
TMA	422928	5416993	0.12071	411	411	0	MONTH	WMRS	1ST	10/31/2000 24 hr
TMA	422928	5417193	0.1178	410.25	410.25	0	MONTH	WMRS	1ST	10/31/2000 24 hr
TMA	422928	5417393	0.121	401.05	401.05	0	MONTH	WMRS	1ST	10/31/2000 24 hr
TMA	422928	5417593	0.12609	388.47	388.47	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422928	5417793	0.12462	384	384	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422928	5417993	0.1227	378.62	378.62	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422928	5418193	0.11843	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422928	5418393	0.11338	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422928	5418593	0.10973	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422928	5418793	0.10607	378.45	378.45	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422928	5418993	0.1028	377.26	377.26	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422928	5419193	0.09966	376.08	376.08	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423128	5416393	0.15512	400	400	0	MONTH	WMRS	1ST	10/31/2000 24 hr
TMA	423128	5416593	0.14896	399.94	399.94	0	MONTH	WMRS	1ST	10/31/2000 24 hr
TMA	423128	5416793	0.14289	400.25	400.25	0	MONTH	WMRS	1ST	10/31/2000 24 hr
TMA	423128	5416993	0.12935	409.88	409.88	0	MONTH	WMRS	1ST	10/31/2000 24 hr
TMA	423128	5417193	0.12889	405.04	405.04	0	MONTH	WMRS	1ST	10/31/2000 24 hr
TMA	423128	5417393	0.12995	394.92	394.92	0	MONTH	WMRS	1ST	10/31/2000 24 hr
TMA	423128	5417593	0.1278	389.14	389.14	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423128	5417793	0.1298	380.07	380.07	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423128	5417993	0.12573	378.23	378.23	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423128	5418193	0.12246	375	375	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423128	5418393	0.11651	377.79	377.79	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423128	5418593	0.11148	379.27	379.27	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423128	5418793	0.10707	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423128	5418993	0.10326	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423128	5419193	0.09966	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423328	5416393	0.15464	399	399	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423328	5416593	0.14809	399	399	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423328	5416793	0.1409	399.91	399.91	0	MONTH	WMRS	1ST	10/31/2000 24 hr
TMA	423328	5416993	0.13487	400.28	400.28	0	MONTH	WMRS	1ST	10/31/2000 24 hr
TMA	423328	5417193	0.14258	390.84	390.84	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423328	5417393	0.14099	387	387	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423328	5417593	0.13826	383.65	383.65	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423328	5417793	0.13463	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423328	5417993	0.12991	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423328	5418193	0.12745	375.14	375.14	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423328	5418393	0.12349	373	373	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423328	5418593	0.11799	375	375	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423328	5418793	0.11279	377	377	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423328	5418993	0.1083	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423328	5419193	0.10508	376.58	376.58	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423528	5416393	0.17599	394.06	394.06	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423528	5416593	0.15955	398.27	398.27	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423528	5416793	0.16436	392.03	392.03	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423528	5416993	0.16131	389.28	389.28	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423528	5417193	0.15722	387	387	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423528	5417393	0.15164	386	386	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423528	5417593	0.1471	384.09	384.09	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423528	5417793	0.14269	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	423528	5417993	0.13821	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423528	5418193	0.13447	376.63	376.63	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423528	5418393	0.131	371.99	371.99	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423528	5418593	0.12626	371.05	371.05	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423528	5418793	0.12079	373.46	373.46	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423528	5418993	0.11588	375	375	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423528	5419193	0.11224	373.28	373.28	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423728	5416393	0.20408	386.22	386.22	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423728	5416593	0.19146	388.07	388.07	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423728	5416793	0.1852	386.34	386.34	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423728	5416993	0.17848	385	385	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423728	5417193	0.17161	384	384	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423728	5417393	0.16589	382.05	382.05	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423728	5417593	0.15956	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423728	5417793	0.15335	380.25	380.25	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423728	5417993	0.14772	379.06	379.06	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423728	5418193	0.14314	376	376	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423728	5418393	0.13868	372	372	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423728	5418593	0.13371	370	370	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423728	5418793	0.12834	371.39	371.39	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423728	5418993	0.12344	372	372	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423728	5419193	0.11912	371	371	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423928	5416393	0.21035	387.1	387.1	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423928	5416593	0.21089	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423928	5416793	0.19937	381.26	381.26	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423928	5416993	0.1916	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423928	5417193	0.18294	380.38	380.38	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423928	5417393	0.17535	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423928	5417593	0.17067	374.29	374.29	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423928	5417793	0.16426	371.1	371.1	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423928	5417993	0.15753	371	371	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423928	5418193	0.1512	371	371	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423928	5418393	0.14534	370	370	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423928	5418593	0.13979	369	369	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423928	5418793	0.13449	369.05	369.05	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423928	5418993	0.12941	370	370	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423928	5419193	0.12481	368.13	368.13	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424128	5416393	0.21297	382	382	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424128	5416593	0.2081	378.35	378.35	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424128	5416793	0.20134	376	376	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424128	5416993	0.19373	375.34	375.34	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424128	5417193	0.18686	372.52	372.52	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424128	5417393	0.17965	372	372	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424128	5417593	0.17245	374	374	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424128	5417793	0.1654	375.97	375.97	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424128	5417993	0.15885	377	377	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424128	5418193	0.15353	374.7	374.7	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424128	5418393	0.14822	370	370	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424128	5418593	0.14282	370	370	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424128	5418793	0.13767	370	370	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424128	5418993	0.13277	370.91	370.91	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424128	5419193	0.12811	371.07	371.07	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424328	5416393	0.19608	379.87	379.87	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424328	5416593	0.19242	377.23	377.23	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424328	5416793	0.18795	374.6	374.6	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424328	5416993	0.18263	373	373	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424328	5417193	0.17616	375.86	375.86	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424328	5417393	0.16989	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424328	5417593	0.16376	379.95	379.95	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424328	5417793	0.15873	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424328	5417993	0.15385	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424328	5418193	0.14942	379.16	379.16	0	MONTH	WMRS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	424328	5418393	0.14578	374.52	374.52	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424328	5418593	0.14118	370.41	370.41	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424328	5418793	0.13678	373	373	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424328	5418993	0.13235	375	375	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424328	5419193	0.1282	374.79	374.79	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424528	5416393	0.17	378.75	378.75	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424528	5416593	0.16904	375	375	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424528	5416793	0.16577	374	374	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424528	5416993	0.16108	375.88	375.88	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424528	5417193	0.15637	378	378	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424528	5417393	0.15239	379	379	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424528	5417593	0.14848	380	380	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424528	5417793	0.1452	380	380	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424528	5417993	0.14238	379	379	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424528	5418193	0.13951	377.8	377.8	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424528	5418393	0.13692	374.41	374.41	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424528	5418593	0.13368	371.23	371.23	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424528	5418793	0.12997	376	376	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424528	5418993	0.12614	379	379	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424528	5419193	0.123	378.99	378.99	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424728	5416393	0.14969	374.18	374.18	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424728	5416593	0.14546	375	375	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424728	5416793	0.14158	376	376	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424728	5416993	0.13808	377	377	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424728	5417193	0.13551	377	377	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424728	5417393	0.13287	377.4	377.4	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424728	5417593	0.13026	378	378	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424728	5417793	0.12755	379	379	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424728	5417993	0.12493	380	380	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424728	5418193	0.12377	378.1	378.1	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424728	5418393	0.12324	373	373	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424728	5418593	0.12088	373.35	373.35	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424728	5418793	0.11736	378.35	378.35	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424728	5418993	0.11472	380	380	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424728	5419193	0.11267	380	380	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424928	5416393	0.13353	377.58	377.58	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424928	5416593	0.12848	378	378	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424928	5416793	0.12508	377	377	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424928	5416993	0.12221	376	376	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424928	5417193	0.11919	376	376	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424928	5417393	0.11696	375.31	375.31	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424928	5417593	0.11428	376	376	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424928	5417793	0.11173	377	377	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424928	5417993	0.10942	378	378	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424928	5418193	0.1091	375.01	375.01	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424928	5418393	0.10855	372	372	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424928	5418593	0.10523	376.8	376.8	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424928	5418793	0.10248	380	380	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424928	5418993	0.10113	380	380	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424928	5419193	0.10017	379	379	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	425128	5416393	0.12935	379	379	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	425128	5416593	0.1238	378	378	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	425128	5416793	0.11938	376	376	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	425128	5416993	0.11505	375	375	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	425128	5417193	0.11087	374.87	374.87	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	425128	5417393	0.10761	374	374	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	425128	5417593	0.10442	374	374	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	425128	5417793	0.1014	374.56	374.56	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	425128	5417993	0.09891	374.82	374.82	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	425128	5418193	0.09763	373	373	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	425128	5418393	0.09545	373.86	373.86	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	425128	5418593	0.09236	377.58	377.58	0 MONTH	WMRS	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	425128	5418793	0.09001	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425128	5418993	0.08879	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425128	5419193	0.08767	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425328	5416393	0.1306	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425328	5416593	0.1252	376	376	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425328	5416793	0.11962	375	375	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425328	5416993	0.11403	375	375	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425328	5417193	0.10887	375	375	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425328	5417393	0.10416	375	375	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425328	5417593	0.09992	375	375	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425328	5417793	0.09654	374	374	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425328	5417993	0.0936	373	373	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425328	5418193	0.0907	373	373	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425328	5418393	0.08778	374	374	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425328	5418593	0.08485	376	376	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425328	5418793	0.08222	378.11	378.11	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425328	5418993	0.07995	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425328	5419193	0.07856	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425528	5416393	0.13547	376	376	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425528	5416593	0.12473	376	376	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425528	5416793	0.11945	377	377	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425528	5416993	0.11432	377.25	377.25	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425528	5417193	0.10892	378.47	378.47	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425528	5417393	0.10386	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425528	5417593	0.09972	377.29	377.29	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425528	5417793	0.0957	376	376	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425528	5417993	0.09193	375	375	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425528	5418193	0.08851	374	374	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425528	5418393	0.08546	373	373	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425528	5418593	0.08246	373.05	373.05	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425528	5418793	0.07917	375.11	375.11	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425528	5418993	0.07625	377.03	377.03	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425528	5419193	0.07364	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425728	5416393	0.15076	377	377	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425728	5416593	0.13846	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425728	5416793	0.12723	378.61	378.61	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425728	5416993	0.11698	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425728	5417193	0.1083	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425728	5417393	0.10436	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425728	5417593	0.10039	379.69	379.69	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425728	5417793	0.09636	379.45	379.45	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425728	5417993	0.09276	377.55	377.55	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425728	5418193	0.08932	375.34	375.34	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425728	5418393	0.08606	373	373	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425728	5418593	0.08279	372	372	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425728	5418793	0.07955	372.08	372.08	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425728	5418993	0.07637	373	373	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425728	5419193	0.07333	374.4	374.4	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425928	5416393	0.16122	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425928	5416593	0.14964	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425928	5416793	0.13908	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425928	5416993	0.12904	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425928	5417193	0.1196	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425928	5417393	0.11081	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425928	5417593	0.10292	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425928	5417793	0.09627	379.16	379.16	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425928	5417993	0.09343	377.29	377.29	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425928	5418193	0.09045	375	375	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425928	5418393	0.08732	373	373	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425928	5418593	0.08407	372	372	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425928	5418793	0.08092	371	371	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425928	5418993	0.07777	371	371	0	MONTH	WMRS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	425928	5419193	0.07494	370	370	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	426128	5416393	0.1666	380	380	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	426128	5416593	0.15723	380	380	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	426128	5416793	0.14772	380.2	380.2	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426128	5416993	0.13861	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426128	5417193	0.12962	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426128	5417393	0.12098	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426128	5417593	0.11278	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426128	5417793	0.10507	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426128	5417993	0.09858	376.57	376.57	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426128	5418193	0.09209	374	374	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426128	5418393	0.08696	373	373	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	426128	5418593	0.08435	372	372	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	426128	5418793	0.08158	372	372	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	426128	5418993	0.07883	371	371	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	426128	5419193	0.07609	370	370	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	426328	5416393	0.16835	379.29	379.29	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426328	5416593	0.15987	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426328	5416793	0.15311	380	380	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	426328	5416993	0.146	380	380	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	426328	5417193	0.13705	380	380	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	426328	5417393	0.12861	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426328	5417593	0.12129	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426328	5417793	0.11409	377.97	377.97	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426328	5417993	0.10747	375	375	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426328	5418193	0.10069	374	374	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426328	5418393	0.09425	373	373	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426328	5418593	0.08804	374	374	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426328	5418793	0.08234	374	374	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426328	5418993	0.07823	373.99	373.99	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	426328	5419193	0.07607	373	373	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	426528	5416393	0.16651	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426528	5416593	0.15933	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426528	5416793	0.15249	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426528	5416993	0.14637	379.12	379.12	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426528	5417193	0.14132	378	378	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	426528	5417393	0.13595	377.22	377.22	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	426528	5417593	0.12885	377	377	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	426528	5417793	0.12077	376	376	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426528	5417993	0.11406	376	376	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426528	5418193	0.1075	376	376	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426528	5418393	0.10083	377.61	377.61	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426528	5418593	0.09471	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426528	5418793	0.08899	377.99	377.99	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426528	5418993	0.08386	376	376	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426528	5419193	0.079	373.05	373.05	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426728	5416393	0.16467	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426728	5416593	0.15845	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426728	5416793	0.15186	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426728	5416993	0.14626	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426728	5417193	0.14033	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426728	5417393	0.13459	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426728	5417593	0.13017	378.4	378.4	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	426728	5417793	0.12616	378.97	378.97	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	426728	5417993	0.1207	378.02	378.02	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	426728	5418193	0.11385	378.12	378.12	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	426728	5418393	0.10583	380	380	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	426728	5418593	0.10011	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426728	5418793	0.09486	378.92	378.92	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426728	5418993	0.09011	375.39	375.39	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426728	5419193	0.0852	373	373	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426928	5416393	0.1619	381	381	0	MONTH	WMRS	1ST	2/29/2000 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	426928	5416593	0.15599	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	426928	5416793	0.15017	379.17	379.17	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	426928	5416993	0.14359	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	426928	5417193	0.13796	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	426928	5417393	0.13268	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	426928	5417593	0.12769	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	426928	5417793	0.1229	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	426928	5417993	0.12008	379	379	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	426928	5418193	0.1173	379	379	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	426928	5418393	0.11304	380	380	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	426928	5418593	0.10746	381	381	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	426928	5418793	0.10098	380	380	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	426928	5418993	0.09506	375.12	375.12	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	426928	5419193	0.09054	370.48	370.48	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	427128	5416393	0.15933	381.16	381.16	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	427128	5416593	0.15403	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	427128	5416793	0.14798	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	427128	5416993	0.14217	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	427128	5417193	0.13663	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	427128	5417393	0.1314	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	427128	5417593	0.12649	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	427128	5417793	0.12236	379	379	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	427128	5417993	0.11801	379	379	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	427128	5418193	0.11345	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	427128	5418393	0.11075	380.92	380.92	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	427128	5418593	0.10882	382	382	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	427128	5418793	0.10592	381	381	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	427128	5418993	0.10089	373.01	373.01	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	427128	5419193	0.09451	369	369	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	424328	5416193	0.19748	383.5	383.5	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424328	5415993	0.19871	386.14	386.14	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424328	5415793	0.19663	389.77	389.77	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424328	5415593	0.19257	393.41	393.41	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424328	5415393	0.196	393.82	393.82	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424328	5415193	0.19765	394.88	394.88	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424328	5414993	0.19547	397.14	397.14	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424328	5414793	0.19103	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424328	5408393	1.12521	350.25	350.25	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	424328	5408193	0.92242	353.95	353.95	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	424528	5416193	0.1704	382	382	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424528	5415993	0.1713	384.26	384.26	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424528	5415793	0.17413	385.08	385.08	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424528	5415593	0.17502	387.26	387.26	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424528	5415393	0.17869	388	388	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424528	5415193	0.17896	390.8	390.8	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424528	5414993	0.18093	394.07	394.07	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	424528	5414793	0.19059	394.2	394.2	0 MONTH	WMRS	1ST		10/31/2000 24 hr
TMA	424728	5416193	0.15128	377.27	377.27	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424728	5415993	0.15314	380.25	380.25	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424728	5415793	0.15933	379.46	379.46	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424728	5415593	0.16406	381	381	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424728	5415393	0.16969	382.51	382.51	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424728	5415193	0.17464	385.2	385.2	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424728	5414993	0.18248	386.34	386.34	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424728	5414793	0.19192	387.03	387.03	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424928	5416193	0.14024	375.96	375.96	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424928	5415993	0.14732	375	375	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424928	5415793	0.15323	376.94	376.94	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424928	5415593	0.16056	378.04	378.04	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424928	5415393	0.16877	379	379	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424928	5415193	0.17848	379	379	0 MONTH	WMRS	1ST		2/28/1998 24 hr
TMA	424928	5414993	0.18568	381.96	381.96	0 MONTH	WMRS	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	424928	5414793	0.18738	387.99	387.99	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424928	5414593	0.20399	390.16	390.16	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	424928	5414393	0.23601	387.14	387.14	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425128	5416193	0.13607	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425128	5415993	0.14333	379.01	379.01	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425128	5415793	0.15236	376.76	376.76	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425128	5415593	0.1608	376	376	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425128	5415393	0.16829	377	377	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425128	5415193	0.18468	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425128	5414993	0.203	381.84	381.84	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425128	5414793	0.22014	385.44	385.44	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425128	5414593	0.24028	386.97	386.97	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425128	5414393	0.27454	383	383	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425328	5416193	0.13644	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425328	5415993	0.14268	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425328	5415793	0.15738	377	377	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425328	5415593	0.17384	377	377	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425328	5415393	0.19188	377	377	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425328	5415193	0.21143	377	377	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425328	5414993	0.23139	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425328	5414793	0.24846	381.36	381.36	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425328	5414593	0.26917	382	382	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425328	5414393	0.29411	381	381	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425528	5416193	0.14798	377	377	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425528	5415993	0.16197	377	377	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425528	5415793	0.17708	377	377	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425528	5415593	0.19322	377	377	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425528	5415393	0.20942	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425528	5415193	0.22701	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425528	5414993	0.24519	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425528	5414793	0.2624	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425528	5414593	0.28151	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425528	5414393	0.29918	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425728	5416193	0.16394	376	376	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425728	5415993	0.17742	376	376	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425728	5415793	0.19083	377	377	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425728	5415593	0.2052	377	377	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425728	5415393	0.21893	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425728	5415193	0.23383	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425728	5414993	0.24769	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425728	5414793	0.26167	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425728	5414593	0.27803	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425728	5414393	0.29551	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425728	5414193	0.31156	381	381	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425928	5416193	0.17374	377.1	377.1	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425928	5415993	0.18554	377	377	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425928	5415793	0.19746	377	377	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425928	5415593	0.20864	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425928	5415393	0.22085	378.1	378.1	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425928	5415193	0.23236	379.07	379.07	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425928	5414993	0.24524	379.38	379.38	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425928	5414793	0.25558	381.46	381.46	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425928	5414593	0.26925	382	382	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425928	5414393	0.28719	381	381	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	425928	5414193	0.30567	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426128	5416193	0.17759	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426128	5415993	0.18739	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426128	5415793	0.19746	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426128	5415593	0.20686	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426128	5415393	0.21654	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426128	5415193	0.22664	381	381	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426128	5414993	0.2383	381.37	381.37	0	MONTH	WMRS	1ST	2/29/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	426128	5414793	0.2448	384.49	384.49	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426128	5414593	0.25874	384	384	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426128	5414393	0.27628	382	382	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426128	5414193	0.29379	380.01	380.01	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426328	5416193	0.17682	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426328	5415993	0.18488	379.58	379.58	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426328	5415793	0.19238	381	381	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426328	5415593	0.19784	383.94	383.94	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426328	5415393	0.20578	385.11	385.11	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426328	5415193	0.21211	387.15	387.15	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426328	5414993	0.2206	388	388	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426328	5414793	0.2377	385	385	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426328	5414593	0.25633	381	381	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426328	5414393	0.26912	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426328	5414193	0.28057	379.9	379.9	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426528	5416193	0.17415	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426528	5415993	0.18021	382	382	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426528	5415793	0.18561	384.43	384.43	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426528	5415593	0.19011	387.14	387.14	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426528	5415393	0.19346	390	390	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426528	5415193	0.20202	390	390	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426528	5414993	0.21031	390	390	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426528	5414793	0.22682	386.24	386.24	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426528	5414593	0.24628	380.69	380.69	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426528	5414393	0.25865	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426528	5414193	0.26862	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426728	5416193	0.17021	382	382	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426728	5415993	0.17564	384	384	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426728	5415793	0.18078	386	386	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426728	5415593	0.1854	388	388	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426728	5415393	0.18921	390	390	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426728	5415193	0.19837	388.86	388.86	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426728	5414993	0.20311	389.95	389.95	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426728	5414793	0.21969	385.44	385.44	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426728	5414593	0.2371	379.81	379.81	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426728	5414393	0.24621	378.03	378.03	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426728	5414193	0.24784	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426928	5416193	0.16692	383	383	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426928	5415993	0.17161	385	385	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426928	5415793	0.17572	387	387	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426928	5415593	0.18057	388	388	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426928	5415393	0.18657	388	388	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426928	5415193	0.19617	385.9	385.9	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426928	5414993	0.20569	384.4	384.4	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426928	5414793	0.21608	382.59	382.59	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426928	5414593	0.22496	379.99	379.99	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426928	5414393	0.22578	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426928	5414193	0.21699	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427128	5416193	0.16286	383.98	383.98	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427128	5415993	0.16644	386	386	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427128	5415793	0.17077	386.86	386.86	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427128	5415593	0.17712	386	386	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427128	5415393	0.18282	386	386	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427128	5415193	0.19096	385	385	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427128	5414993	0.19961	383.88	383.88	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427128	5414793	0.20643	382	382	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427128	5414593	0.20579	381	381	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427128	5414393	0.19588	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427128	5414193	0.17681	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	424128	5408393	1.09103	350.25	350.25	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	424128	5408193	0.88646	354	354	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	423928	5408393	1.02972	353.49	353.49	0	MONTH	WMRS	1ST	12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	423928	5408193	0.83096	357.59	357.59	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	423728	5408393	0.92787	355.6	355.6	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	423728	5408193	0.77084	359.84	359.84	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	423528	5408393	1.16948	352	352	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	423528	5408193	0.97933	354.52	354.52	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	423328	5408593	1.74228	349.35	349.35	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	423328	5408393	1.41161	351	351	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	423328	5408193	1.16449	352	352	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	423128	5408593	1.91522	352.5	352.5	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	423128	5408393	1.56539	354.07	354.07	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	423128	5408193	1.30032	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	422928	5408593	1.78421	353	353	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	422928	5408393	1.50623	355	355	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	422928	5408193	1.28564	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	422728	5408593	1.50802	353	353	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	422728	5408393	1.31388	355	355	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	422728	5408193	1.1472	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	422528	5408593	1.22243	354	354	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	422528	5408393	1.10374	354.79	354.79	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	422528	5408193	0.98763	355.99	355.99	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	422328	5408593	1.00549	352	352	0 MONTH	WMRS	1ST		1/31/1999 24 hr
TMA	422328	5408393	0.91029	353	353	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	422328	5408193	0.83969	354	354	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	422128	5408593	0.93175	350	350	0 MONTH	WMRS	1ST		1/31/1999 24 hr
TMA	422128	5408393	0.81075	352	352	0 MONTH	WMRS	1ST		1/31/1999 24 hr
TMA	422128	5408193	0.71479	354	354	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	421928	5408593	0.82461	350	350	0 MONTH	WMRS	1ST		1/31/1999 24 hr
TMA	421928	5408393	0.74952	351.68	351.68	0 MONTH	WMRS	1ST		1/31/1999 24 hr
TMA	421928	5408193	0.67201	354	354	0 MONTH	WMRS	1ST		1/31/1999 24 hr
TMA	421728	5408593	0.72348	349	349	0 MONTH	WMRS	1ST		1/31/1999 24 hr
TMA	421728	5408393	0.66609	351	351	0 MONTH	WMRS	1ST		1/31/1999 24 hr
TMA	421728	5408193	0.61585	353	353	0 MONTH	WMRS	1ST		1/31/1999 24 hr
TMA	421528	5408593	0.64263	348	348	0 MONTH	WMRS	1ST		1/31/1999 24 hr
TMA	421528	5408393	0.59094	349	349	0 MONTH	WMRS	1ST		1/31/1999 24 hr
TMA	421528	5408193	0.5494	351	351	0 MONTH	WMRS	1ST		1/31/1999 24 hr
TMA	421328	5408593	0.59593	345.41	345.41	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	421328	5408393	0.53046	347	347	0 MONTH	WMRS	1ST		1/31/1999 24 hr
TMA	421328	5408193	0.49324	348.81	348.81	0 MONTH	WMRS	1ST		1/31/1999 24 hr
TMA	421128	5408593	0.58109	344.52	344.52	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	421128	5408393	0.48058	345.3	345.3	0 MONTH	WMRS	1ST		1/31/1999 24 hr
TMA	421128	5408193	0.44798	347	347	0 MONTH	WMRS	1ST		1/31/1999 24 hr
TMA	420928	5408593	0.55473	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	420928	5408393	0.47256	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	420928	5408193	0.40941	345	345	0 MONTH	WMRS	1ST		1/31/1999 24 hr
TMA	420728	5408593	0.52123	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	420728	5408393	0.46307	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	420728	5408193	0.3893	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	420528	5409393	0.56318	353	353	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	420528	5409193	0.54938	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	420528	5408993	0.52439	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	420528	5408793	0.50437	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	420528	5408593	0.48465	345.03	345.03	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	420528	5408393	0.44621	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	420528	5408193	0.38792	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	420328	5409393	0.50482	353.52	353.52	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	420328	5409193	0.49834	350.89	350.89	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	420328	5408993	0.47559	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	420328	5408793	0.45738	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	420128	5409393	0.45379	352.9	352.9	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	420128	5409193	0.45229	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	420128	5408993	0.4345	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	420128	5408793	0.4162	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	419928	5409393	0.4103	353	353	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419928	5409193	0.41381	351	351	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419928	5408993	0.4002	350	350	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419928	5408793	0.38239	349	349	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419728	5409393	0.37121	351	351	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419728	5409193	0.37821	349.94	349.94	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419728	5408993	0.36866	349	349	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419728	5408793	0.35207	348	348	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419528	5410993	0.22751	356	356	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419528	5410793	0.26045	355	355	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419528	5410593	0.30221	357	357	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419528	5410393	0.33091	358	358	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419528	5410193	0.32754	356.94	356.94	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419528	5409993	0.31049	355	355	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419528	5409793	0.30615	353.29	353.29	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419528	5409593	0.31962	351.28	351.28	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419528	5409393	0.33781	350	350	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419528	5409193	0.34674	349	349	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419528	5408993	0.34081	348	348	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419528	5408793	0.32608	347	347	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419528	5408593	0.31334	346	346	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419528	5408393	0.3069	345	345	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419528	5408193	0.30217	343	343	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5410993	0.21489	355	355	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5410793	0.24661	353	353	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5410593	0.28332	353	353	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5410393	0.30489	353.58	353.58	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5410193	0.3	353.77	353.77	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5409993	0.28345	352	352	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5409793	0.27945	351.03	351.03	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5409593	0.29173	350.18	350.18	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5409393	0.30918	350	350	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5409193	0.31884	348.27	348.27	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5408993	0.31635	347.63	347.63	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5408793	0.30411	347	347	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5408593	0.29119	346	346	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5408393	0.28354	344.73	344.73	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419328	5408193	0.2791	342.09	342.09	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5410993	0.20409	355	355	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5410793	0.23461	353	353	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5410593	0.2664	351	351	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5410393	0.28224	350	350	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5410193	0.27519	350	350	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5409993	0.26007	350	350	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5409793	0.25661	350	350	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5409593	0.2674	349	349	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5409393	0.28298	348	348	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5409193	0.29418	348	348	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5408993	0.29411	347	347	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5408793	0.28405	346	346	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5408593	0.27209	346	346	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5408393	0.2634	344.6	344.6	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5408193	0.25869	342	342	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418928	5410993	0.1941	352	352	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418928	5410793	0.22312	351	351	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418928	5410593	0.25113	350	350	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418928	5410393	0.26274	349	349	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418928	5410193	0.25421	349	349	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418928	5409993	0.23962	348.44	348.44	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418928	5409793	0.23618	348	348	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418928	5409593	0.24615	348	348	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418928	5409393	0.26039	347	347	0	MONTH	WMRS	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	418928	5409193	0.27169	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418928	5408993	0.2737	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418928	5408793	0.26662	345.98	345.98	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418928	5408593	0.2549	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418928	5408393	0.24572	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418928	5408193	0.24065	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418728	5410993	0.18521	349.6	349.6	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418728	5410793	0.21247	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418728	5410593	0.23665	348.05	348.05	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418728	5410393	0.24507	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418728	5410193	0.23512	347.03	347.03	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418728	5409993	0.22156	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418728	5409793	0.21851	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418728	5409593	0.22741	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418728	5409393	0.24041	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418728	5409193	0.25151	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418728	5408993	0.25509	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418728	5408793	0.25029	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418728	5408593	0.23974	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418728	5408393	0.23019	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418728	5408193	0.22426	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418528	5410993	0.17756	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418528	5410793	0.20285	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418528	5410593	0.22355	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418528	5410393	0.22901	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418528	5410193	0.21841	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418528	5409993	0.20565	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418528	5409793	0.20281	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418528	5409593	0.2108	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418528	5409393	0.22266	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418528	5409193	0.23339	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418528	5408993	0.23811	344.08	344.08	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418528	5408793	0.23533	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418528	5408593	0.22666	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418528	5408393	0.21709	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418528	5408193	0.21089	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418328	5410993	0.17072	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418328	5410793	0.19412	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418328	5410593	0.21174	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418328	5410393	0.21438	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418328	5410193	0.20376	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418328	5409993	0.19175	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418328	5409793	0.18881	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418328	5409593	0.19602	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418328	5409393	0.20724	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418328	5409193	0.21706	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418328	5408993	0.22294	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418328	5408793	0.22189	343.82	343.82	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418328	5408593	0.21437	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418328	5408393	0.20551	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418328	5408193	0.19872	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418128	5410993	0.16421	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418128	5410793	0.18591	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418128	5410593	0.20072	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418128	5410393	0.20136	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418128	5410193	0.19054	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418128	5409993	0.17926	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418128	5409793	0.17656	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418128	5409593	0.18312	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418128	5409393	0.19342	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418128	5409193	0.20272	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418128	5408993	0.20902	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	418128	5408793	0.20913	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418128	5408593	0.20351	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418128	5408393	0.19481	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	418128	5408193	0.188	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417928	5410993	0.15854	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417928	5410793	0.17814	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417928	5410593	0.19044	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417928	5410393	0.18971	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417928	5410193	0.17858	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417928	5409993	0.16798	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417928	5409793	0.16577	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417928	5409593	0.17177	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417928	5409393	0.18097	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417928	5409193	0.18974	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417928	5408993	0.19622	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417928	5408793	0.19755	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417928	5408593	0.19344	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417928	5408393	0.18553	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417928	5408193	0.17849	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417728	5410993	0.15303	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417728	5410793	0.17077	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417728	5410593	0.18081	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417728	5410393	0.17872	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417728	5410193	0.16792	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417728	5409993	0.15798	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417728	5409793	0.15595	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417728	5409593	0.16148	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417728	5409393	0.17	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417728	5409193	0.17852	345.93	345.93	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417728	5408993	0.18476	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417728	5408793	0.18705	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417728	5408593	0.18402	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417728	5408393	0.17737	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417728	5408193	0.17001	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417528	5410993	0.14783	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417528	5410793	0.16378	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417528	5410593	0.17202	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417528	5410393	0.16882	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417528	5410193	0.15797	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417528	5409993	0.14866	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417528	5409793	0.14687	347.42	347.42	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417528	5409593	0.1519	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417528	5409393	0.16	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417528	5409193	0.16775	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417528	5408993	0.17389	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417528	5408793	0.17718	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417528	5408593	0.17545	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417528	5408393	0.16952	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417528	5408193	0.1624	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417328	5410993	0.14288	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417328	5410793	0.1573	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417328	5410593	0.16357	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417328	5410393	0.15947	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417328	5410193	0.14905	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417328	5409993	0.14017	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417328	5409793	0.13828	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417328	5409593	0.14301	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417328	5409393	0.1505	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417328	5409193	0.1577	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417328	5408993	0.16389	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417328	5408793	0.16764	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417328	5408593	0.16705	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417328	5408393	0.16221	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417328	5408193	0.15545	341.83	341.83	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417128	5410993	0.1383	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417128	5410793	0.15096	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417128	5410593	0.15577	348.66	348.66	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417128	5410393	0.15118	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417128	5410193	0.141	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417128	5409993	0.13283	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417128	5409793	0.13106	348.57	348.57	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417128	5409593	0.13519	346.6	346.6	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417128	5409393	0.14205	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417128	5409193	0.14876	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417128	5408993	0.15446	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417128	5408793	0.15826	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417128	5408593	0.15884	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417128	5408393	0.15509	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417128	5408193	0.14893	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416928	5410993	0.13412	353	353	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416928	5410793	0.14507	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416928	5410593	0.14854	349.92	349.92	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416928	5410393	0.14317	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416928	5410193	0.13343	351	351	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416928	5409993	0.12578	351	351	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416928	5409793	0.12423	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416928	5409593	0.1284	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416928	5409393	0.13479	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416928	5409193	0.14096	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416928	5408993	0.14643	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416928	5408793	0.15042	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416928	5408593	0.15154	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416928	5408393	0.14907	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416928	5408193	0.14356	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416728	5410993	0.12957	351.06	351.06	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416728	5410793	0.13944	351	351	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416728	5410593	0.14155	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416728	5410393	0.13588	351	351	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416728	5410193	0.12645	352	352	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416728	5409993	0.11927	352	352	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416728	5409793	0.11789	351	351	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416728	5409593	0.12169	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416728	5409393	0.12774	349.5	349.5	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416728	5409193	0.13379	349.3	349.3	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416728	5408993	0.1391	348.99	348.99	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416728	5408793	0.14319	347.94	347.94	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416728	5408593	0.14479	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416728	5408393	0.14306	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416728	5408193	0.1381	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416528	5410993	0.12741	361.2	361.2	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416528	5410793	0.13441	356	356	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416528	5410593	0.13533	352.93	352.93	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416528	5410393	0.12899	351	351	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416528	5410193	0.12001	353	353	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416528	5409993	0.11334	354	354	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416528	5409793	0.11212	353	353	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416528	5409593	0.11567	351.77	351.77	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416528	5409393	0.12135	351	351	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416528	5409193	0.12694	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416528	5408993	0.13186	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416528	5408793	0.13576	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416528	5408593	0.13781	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416528	5408393	0.13674	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416528	5408193	0.13272	341.73	341.73	0 MONTH	WMRS	1ST		1/31/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	416328	5410993	0.12506	367.86	367.86	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5410793	0.13115	359	359	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5410593	0.12938	355.8	355.8	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5410393	0.1227	352	352	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5410193	0.114	353.47	353.47	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5409993	0.10777	355	355	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5409793	0.10668	354	354	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5409593	0.11006	353	353	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5409393	0.11539	351.99	351.99	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5409193	0.12056	350	350	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5408993	0.12514	348.73	348.73	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5408793	0.12853	344	344	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5408593	0.13065	341	341	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5408393	0.13069	341	341	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5408193	0.12771	341	341	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5410993	0.1215	364.98	364.98	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5410793	0.12852	361.31	361.31	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5410593	0.12513	359	359	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5410393	0.11704	356	356	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5410193	0.10836	353	353	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5409993	0.10251	354	354	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5409793	0.10157	354	354	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5409593	0.10477	353	353	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5409393	0.10981	352	352	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5409193	0.11466	350	350	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5408993	0.11901	349	349	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5408793	0.12255	345.96	345.96	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5408593	0.12485	342.33	342.33	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5408393	0.12562	343	343	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5408193	0.12341	343	343	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418928	5413193	0.18776	371.76	371.76	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418928	5413393	0.18475	369.38	369.38	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418928	5413593	0.17864	367.41	367.41	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418928	5413793	0.16754	372.61	372.61	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418928	5413993	0.15044	381	381	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418928	5414193	0.14259	379	379	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418928	5414393	0.13698	376	376	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418928	5414593	0.1289	379	379	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418928	5414793	0.12103	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418928	5414993	0.12942	378	378	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418928	5415193	0.13736	378	378	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418928	5415393	0.13956	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418928	5415593	0.13594	381.68	381.68	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418928	5415793	0.12814	380.27	380.27	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418928	5415993	0.11746	378.04	378.04	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418928	5416193	0.10644	373.71	373.71	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418928	5416393	0.09629	370.1	370.1	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418928	5416593	0.08753	370	370	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	418928	5416793	0.08689	369	369	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	418928	5416993	0.08465	368.14	368.14	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	418928	5417193	0.08123	368.37	368.37	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	418928	5417393	0.07894	370	370	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418928	5417593	0.07646	370	370	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418928	5417793	0.07359	370	370	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418928	5417993	0.07097	366.1	366.1	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418928	5418193	0.06826	368	368	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418928	5418393	0.06626	366.65	366.65	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418928	5418593	0.06524	361.17	361.17	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418928	5418793	0.06371	361	361	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418928	5418993	0.06232	361	361	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418928	5419193	0.06445	362.73	362.73	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	418728	5413593	0.17072	370	370	0	MONTH	WMRS	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	418728	5413793	0.16227	375.05	375.05	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418728	5413993	0.15305	375.91	375.91	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418728	5414193	0.14505	372.18	372.18	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418728	5414393	0.13617	372.2	372.2	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418728	5414593	0.12797	375	375	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418728	5414793	0.12182	375	375	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418728	5414993	0.11427	378.01	378.01	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418728	5415193	0.11939	379	379	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418728	5415393	0.12778	378.19	378.19	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418728	5415593	0.13162	375.93	375.93	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418728	5415793	0.12964	373	373	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418728	5415993	0.12324	372	372	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418728	5416193	0.11401	370	370	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418728	5416393	0.10389	369	369	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418728	5416593	0.09407	368	368	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418728	5416793	0.08542	367	367	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418728	5416993	0.08128	367	367	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	418728	5417193	0.08014	367	367	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	418728	5417393	0.07787	367.6	367.6	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	418728	5417593	0.07491	368	368	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	418728	5417793	0.07268	366.88	366.88	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418728	5417993	0.07015	363.2	363.2	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418728	5418193	0.06794	362.9	362.9	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418728	5418393	0.06584	361	361	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418728	5418593	0.064	360	360	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418728	5418793	0.06226	360	360	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418728	5418993	0.06057	361	361	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418728	5419193	0.0592	361	361	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418528	5413593	0.16225	371	371	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418528	5413793	0.15811	371	371	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418528	5413993	0.15264	369	369	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418528	5414193	0.14411	370.62	370.62	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418528	5414393	0.13278	375.56	375.56	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418528	5414593	0.1239	377.75	377.75	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418528	5414793	0.11744	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418528	5414993	0.11278	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418528	5415193	0.10704	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418528	5415393	0.11036	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418528	5415593	0.11855	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418528	5415793	0.12335	378.3	378.3	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418528	5415993	0.12295	374.67	374.67	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418528	5416193	0.11744	370	370	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418528	5416393	0.10971	369	369	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418528	5416593	0.1007	367.76	367.76	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418528	5416793	0.09171	366	366	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418528	5416993	0.08353	365	365	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418528	5417193	0.07633	365	365	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418528	5417393	0.0754	365	365	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	418528	5417593	0.07383	365	365	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	418528	5417793	0.07122	364.97	364.97	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	418528	5417993	0.06874	363	363	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	418528	5418193	0.06646	360	360	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418528	5418393	0.06476	360	360	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418528	5418593	0.06295	359	359	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418528	5418793	0.06114	360	360	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418528	5418993	0.05944	360	360	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418528	5419193	0.05789	360	360	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418328	5413593	0.1542	370	370	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418328	5413793	0.15203	367.98	367.98	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418328	5413993	0.1475	369.86	369.86	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418328	5414193	0.14087	373.04	373.04	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418328	5414393	0.12948	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	418328	5414593	0.1219	378.35	378.35	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418328	5414793	0.11602	377	377	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418328	5414993	0.11124	377	377	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418328	5415193	0.10661	378	378	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418328	5415393	0.10099	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418328	5415593	0.10263	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418328	5415793	0.11065	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418328	5415993	0.11604	377	377	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418328	5416193	0.11634	373.16	373.16	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418328	5416393	0.11216	370	370	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418328	5416593	0.1054	367.89	367.89	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418328	5416793	0.09726	365	365	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418328	5416993	0.0892	364	364	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418328	5417193	0.08168	363	363	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418328	5417393	0.07487	363	363	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418328	5417593	0.07056	362.8	362.8	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	418328	5417793	0.06932	362	362	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	418328	5417993	0.06745	361.94	361.94	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	418328	5418193	0.06523	361	361	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	418328	5418393	0.06348	360	360	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	418328	5418593	0.06172	359	359	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	418328	5418793	0.06017	359	359	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418328	5418993	0.05856	359.74	359.74	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418328	5419193	0.05675	362.09	362.09	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418128	5413593	0.14548	366	366	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418128	5413793	0.14498	366.1	366.1	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418128	5413993	0.1417	369	369	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418128	5414193	0.13739	371	371	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418128	5414393	0.13137	373	373	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418128	5414593	0.12331	374.6	374.6	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418128	5414793	0.11388	378.04	378.04	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418128	5414993	0.10712	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418128	5415193	0.10381	379	379	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418128	5415393	0.09996	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418128	5415593	0.09523	381	381	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418128	5415793	0.09566	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418128	5415993	0.10435	376	376	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418128	5416193	0.10913	372.29	372.29	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418128	5416393	0.10963	370	370	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418128	5416593	0.10626	367.02	367.02	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418128	5416793	0.10026	364	364	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418128	5416993	0.0933	362	362	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418128	5417193	0.08648	362	362	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418128	5417393	0.07951	363	363	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418128	5417593	0.07316	362	362	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418128	5417793	0.06825	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	418128	5417993	0.06508	359.79	359.79	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	418128	5418193	0.0637	359.6	359.6	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	418128	5418393	0.06194	360	360	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	418128	5418593	0.06065	360	360	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	418128	5418793	0.05911	359.96	359.96	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	418128	5418993	0.0576	359.34	359.34	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418128	5419193	0.05616	360	360	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	417928	5411193	0.13989	350	350	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417928	5411393	0.12666	352.36	352.36	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417928	5411593	0.1357	357	357	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417928	5411793	0.14247	360.88	360.88	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417928	5411993	0.14519	363	363	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417928	5412193	0.14005	367.65	367.65	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417928	5412393	0.12388	370	370	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417928	5412593	0.10349	370	370	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417928	5412793	0.10399	368.14	368.14	0	MONTH	WMRS	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417928	5412993	0.11054	364	364	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417928	5413193	0.11979	362	362	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417928	5413393	0.12858	363	363	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417928	5413593	0.13508	364.34	364.34	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417928	5413793	0.13722	366	366	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417928	5413993	0.13554	368.34	368.34	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417928	5414193	0.13238	370	370	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417928	5414393	0.12785	374	374	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417928	5414593	0.12092	378.51	378.51	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417928	5414793	0.11262	380.03	380.03	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417928	5414993	0.10487	381	381	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417928	5415193	0.10054	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417928	5415393	0.09744	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417928	5415593	0.09463	379.01	379.01	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417928	5415793	0.09073	378	378	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417928	5415993	0.09063	376	376	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417928	5416193	0.0981	373	373	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417928	5416393	0.10259	370.83	370.83	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417928	5416593	0.10284	366.14	366.14	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417928	5416793	0.09837	360.51	360.51	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417928	5416993	0.09439	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417928	5417193	0.09036	362.89	362.89	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417928	5417393	0.08444	366.73	366.73	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417928	5417593	0.07741	364.97	364.97	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417928	5417793	0.07169	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417928	5417993	0.06732	358	358	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417928	5418193	0.06295	358	358	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417928	5418393	0.06017	358	358	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	417928	5418593	0.05864	357	357	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	417928	5418793	0.05769	358	358	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	417928	5418993	0.05656	359	359	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	417928	5419193	0.05526	360.05	360.05	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	417728	5411193	0.13521	350.67	350.67	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417728	5411393	0.12199	355	355	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417728	5411593	0.12531	358	358	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417728	5411793	0.13256	364.92	368	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417728	5411993	0.13736	370.95	370.95	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417728	5412193	0.1362	371	371	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417728	5412393	0.12484	370	370	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417728	5412593	0.10659	368.99	368.99	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417728	5412793	0.09737	368.26	368.26	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417728	5412993	0.09957	367.08	367.08	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417728	5413193	0.10842	361	361	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417728	5413393	0.11616	363	363	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417728	5413593	0.12405	364	364	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417728	5413793	0.12872	365	365	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417728	5413993	0.12928	367	367	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417728	5414193	0.12702	369.12	369.12	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417728	5414393	0.12321	373.75	373.75	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417728	5414593	0.11842	379	379	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417728	5414793	0.11222	381	381	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417728	5414993	0.10487	381	381	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417728	5415193	0.09883	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417728	5415393	0.09578	377	377	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417728	5415593	0.09314	375.41	375.41	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417728	5415793	0.09018	374.72	374.72	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417728	5415993	0.08646	373.61	373.61	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417728	5416193	0.08585	371.69	371.69	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417728	5416393	0.09224	369.13	369.13	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417728	5416593	0.09548	364	364	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417728	5416793	0.09476	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417728	5416993	0.09466	362	362	0	MONTH	WMRS	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417728	5417193	0.09336	366.63	366.63	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417728	5417393	0.08885	370	370	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417728	5417593	0.08162	363.08	363.08	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417728	5417793	0.07536	358	358	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417728	5417993	0.07045	357	357	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417728	5418193	0.06578	357	357	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417728	5418393	0.06154	356.12	356.12	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417728	5418593	0.05788	356	356	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417728	5418793	0.05611	357	357	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	417728	5418993	0.05566	360	360	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	417728	5419193	0.05429	360	360	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	417528	5411193	0.13088	350.96	350.96	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417528	5411393	0.11707	358.01	358.01	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417528	5411593	0.11383	363.74	363.74	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417528	5411793	0.12077	372	372	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417528	5411993	0.12853	370.99	370.99	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417528	5412193	0.1308	369.04	369.04	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417528	5412393	0.124	370	370	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417528	5412593	0.10928	368.09	368.09	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417528	5412793	0.09213	369.26	369.26	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417528	5412993	0.09088	372	372	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417528	5413193	0.09918	360	360	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417528	5413393	0.10518	361.45	361.45	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417528	5413593	0.11282	363	363	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417528	5413793	0.11947	365	365	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417528	5413993	0.12237	366.22	366.22	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417528	5414193	0.1217	368	368	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417528	5414393	0.11921	370	370	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417528	5414593	0.11586	374.26	374.26	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417528	5414793	0.11184	377.96	377.96	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417528	5414993	0.10574	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417528	5415193	0.09886	379.84	379.84	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417528	5415393	0.0942	377	377	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417528	5415593	0.09123	374	374	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417528	5415793	0.08864	371.94	371.94	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417528	5415993	0.08575	370	370	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417528	5416193	0.08216	369	369	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417528	5416393	0.0816	365.03	365.03	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417528	5416593	0.08633	361	361	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417528	5416793	0.08935	361.24	361.24	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417528	5416993	0.0931	368.53	368.53	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417528	5417193	0.09222	366.5	366.5	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417528	5417393	0.08743	361.07	361.07	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417528	5417593	0.08214	358	358	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417528	5417793	0.0777	357	357	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417528	5417993	0.0731	356	356	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417528	5418193	0.06844	356	356	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417528	5418393	0.06393	355	355	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417528	5418593	0.05982	355	355	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417528	5418793	0.05619	355	355	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417528	5418993	0.05401	358	358	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	417528	5419193	0.05395	360.85	360.85	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	417328	5411193	0.12677	350.35	350.35	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417328	5411393	0.11376	355.98	355.98	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417328	5411593	0.10459	365.62	365.62	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417328	5411793	0.11244	370.42	370.42	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417328	5411993	0.12076	367.31	367.31	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417328	5412193	0.12389	364.03	364.03	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417328	5412393	0.12133	368	368	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417328	5412593	0.10978	363.72	363.72	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417328	5412793	0.09467	367.13	367.13	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417328	5412993	0.08686	367.96	367.96	0	MONTH	WMRS	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417328	5413193	0.09126	360	360	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417328	5413393	0.09596	360.28	360.28	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417328	5413593	0.10213	363.32	363.32	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417328	5413793	0.10972	367.31	367.31	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417328	5413993	0.11501	370	370	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417328	5414193	0.11584	370.92	370.92	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417328	5414393	0.11412	371	371	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417328	5414593	0.11152	373	373	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417328	5414793	0.10893	375.88	375.88	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417328	5414993	0.10567	377	377	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417328	5415193	0.10064	375.97	375.97	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417328	5415393	0.09534	373	373	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417328	5415593	0.09074	371	371	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417328	5415793	0.08714	370	370	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417328	5415993	0.08438	368	368	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417328	5416193	0.08143	366.12	366.12	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417328	5416393	0.07782	363.16	363.16	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417328	5416593	0.07738	361	361	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417328	5416793	0.08156	362.06	362.06	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417328	5416993	0.08557	365.53	365.53	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417328	5417193	0.08603	361.11	361.11	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417328	5417393	0.08396	358	358	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417328	5417593	0.08175	357	357	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417328	5417793	0.07879	356	356	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417328	5417993	0.07509	356	356	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417328	5418193	0.07092	356	356	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417328	5418393	0.06657	356	356	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417328	5418593	0.06227	355.03	355.03	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417328	5418793	0.05825	354	354	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417328	5418993	0.0534	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417328	5419193	0.05339	363.72	363.72	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	417128	5411193	0.12343	355.22	355.22	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417128	5411393	0.10748	360.89	360.89	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417128	5411593	0.09728	365	365	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417128	5411793	0.10591	362.92	362.92	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417128	5411993	0.11293	360	360	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417128	5412193	0.11714	362.97	362.97	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417128	5412393	0.11617	363	363	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417128	5412593	0.10771	360.19	360.19	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417128	5412793	0.09615	359.75	359.75	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	417128	5412993	0.08429	359.15	359.15	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417128	5413193	0.08521	359.43	359.43	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417128	5413393	0.08706	362.2	362.2	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417128	5413593	0.09171	365.9	365.9	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417128	5413793	0.09936	369	369	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417128	5413993	0.10641	375.91	375.91	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417128	5414193	0.10879	380	380	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417128	5414393	0.10808	377.2	377.2	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417128	5414593	0.10605	376	376	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417128	5414793	0.10479	375	375	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417128	5414993	0.10342	374	374	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417128	5415193	0.10047	372	372	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417128	5415393	0.09585	370	370	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417128	5415593	0.09077	368.94	368.94	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417128	5415793	0.08663	367	367	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417128	5415993	0.08334	365	365	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417128	5416193	0.08045	363	363	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417128	5416393	0.07732	361	361	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417128	5416593	0.07395	361.66	361.66	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417128	5416793	0.07333	359.46	359.46	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417128	5416993	0.07692	359.27	359.27	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417128	5417193	0.07945	358.77	358.77	0	MONTH	WMRS	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417128	5417393	0.0801	357.12	357.12	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417128	5417593	0.07987	357	357	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417128	5417793	0.07843	357	357	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417128	5417993	0.07594	357	357	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417128	5418193	0.07266	357	357	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417128	5418393	0.06895	358	358	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417128	5418593	0.06478	358	358	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417128	5418793	0.06069	354.68	354.68	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417128	5418993	0.05604	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	417128	5419193	0.05191	361	361	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416928	5411193	0.11992	355.85	355.85	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416928	5411393	0.1068	357.64	357.64	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416928	5411593	0.0966	358.44	358.44	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416928	5411793	0.09975	358.25	358.25	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416928	5411993	0.10564	360	360	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416928	5412193	0.10961	358.63	358.63	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416928	5412393	0.10898	356.3	356.3	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416928	5412593	0.10698	362.28	362.28	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416928	5412793	0.09788	363.95	363.95	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416928	5412993	0.08475	361.2	361.2	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416928	5413193	0.0795	361	361	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416928	5413393	0.0795	365.02	365.02	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416928	5413593	0.08189	370	370	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416928	5413793	0.08827	374.04	374.04	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416928	5413993	0.09586	381	381	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416928	5414193	0.10126	384.64	384.64	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416928	5414393	0.10275	382.22	382.22	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416928	5414593	0.10112	379.55	379.55	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416928	5414793	0.09989	376.84	376.84	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416928	5414993	0.0998	372.86	372.86	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416928	5415193	0.09833	370	370	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416928	5415393	0.09507	368.59	368.59	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416928	5415593	0.09071	367	367	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416928	5415793	0.08636	365	365	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416928	5415993	0.08274	363.11	363.11	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416928	5416193	0.07952	361.96	361.96	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416928	5416393	0.07666	360	360	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416928	5416593	0.07359	359	359	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416928	5416793	0.0703	359	359	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416928	5416993	0.06982	358	358	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416928	5417193	0.07289	358	358	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416928	5417393	0.07515	357.16	357.16	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416928	5417593	0.07675	358.41	358.41	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416928	5417793	0.07668	358	358	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416928	5417993	0.07561	358	358	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416928	5418193	0.07404	359	359	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416928	5418393	0.07131	359.94	359.94	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416928	5418593	0.06748	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416928	5418793	0.06308	356.81	356.81	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416928	5418993	0.05921	354.87	354.87	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416928	5419193	0.05557	357.48	357.48	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416728	5411193	0.11619	351	351	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416728	5411393	0.1039	355.04	355.04	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416728	5411593	0.09426	353	353	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416728	5411793	0.09345	354	354	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416728	5411993	0.09918	354.98	354.98	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416728	5412193	0.10325	355.03	355.03	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416728	5412393	0.10723	367.51	370	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416728	5412593	0.10617	369	369	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416728	5412793	0.09834	365.99	365.99	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416728	5412993	0.08657	363.34	363.34	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416728	5413193	0.07512	363	363	0	MONTH	WMRS	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	416728	5413393	0.07446	365.94	365.94	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416728	5413593	0.07549	369	369	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416728	5413793	0.07939	373.37	373.37	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416728	5413993	0.0858	380.83	380.83	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416728	5414193	0.09234	387.57	387.57	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416728	5414393	0.09633	388	388	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416728	5414593	0.09696	383.26	383.26	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416728	5414793	0.09587	378.48	378.48	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416728	5414993	0.09611	371.99	371.99	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416728	5415193	0.09524	369	369	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416728	5415393	0.09319	367.9	367.9	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416728	5415593	0.08991	366	366	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416728	5415793	0.08596	364	364	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416728	5415993	0.08225	362	362	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416728	5416193	0.07906	360.02	360.02	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416728	5416393	0.07584	360	360	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416728	5416593	0.07288	360	360	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416728	5416793	0.07006	360	360	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416728	5416993	0.06715	360	360	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416728	5417193	0.06559	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416728	5417393	0.06907	361	361	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416728	5417593	0.07192	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416728	5417793	0.07338	359	359	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416728	5417993	0.07388	359	359	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416728	5418193	0.0737	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416728	5418393	0.07188	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416728	5418593	0.06869	359	359	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416728	5418793	0.06482	355	355	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416728	5418993	0.0613	353	353	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416728	5419193	0.05774	353.31	353.31	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416528	5411193	0.11041	366.33	366.33	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416528	5411393	0.09725	364.28	364.28	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416528	5411593	0.08984	359.9	359.9	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416528	5411793	0.08746	354.24	354.24	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416528	5411993	0.09313	356.49	356.49	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416528	5412193	0.09765	361	361	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416528	5412393	0.10131	370	370	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416528	5412593	0.10254	369	369	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416528	5412793	0.09783	368	368	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416528	5412993	0.08797	365.46	365.46	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416528	5413193	0.07612	364	364	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416528	5413393	0.07081	366	366	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416528	5413593	0.07074	368	368	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416528	5413793	0.07161	375.08	375.08	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416528	5413993	0.0748	385.64	385.64	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416528	5414193	0.08228	390	390	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416528	5414393	0.09034	388	388	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416528	5414593	0.09352	384.38	384.38	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416528	5414793	0.09324	378.5	378.5	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416528	5414993	0.09329	369	369	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416528	5415193	0.09195	368	368	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416528	5415393	0.09057	366	366	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416528	5415593	0.08831	365	365	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416528	5415793	0.08513	364	364	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416528	5415993	0.08157	362	362	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416528	5416193	0.07826	360.31	360.31	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416528	5416393	0.07504	360	360	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416528	5416593	0.07209	360	360	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416528	5416793	0.06929	361	361	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416528	5416993	0.06681	361	361	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416528	5417193	0.06424	361	361	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416528	5417393	0.06211	360.5	360.5	0	MONTH	WMRS	1ST	1/31/2000 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	416528	5417593	0.06558	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416528	5417793	0.06824	359	359	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416528	5417993	0.07031	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416528	5418193	0.07113	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416528	5418393	0.07124	361	361	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416528	5418593	0.06867	358.7	358.7	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416528	5418793	0.06573	355.78	355.78	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416528	5418993	0.06285	353	353	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416528	5419193	0.05969	353	353	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416328	5411193	0.10744	368.17	368.17	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5411393	0.09624	361.26	361.26	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5411593	0.08856	358.01	358.01	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5411793	0.08198	358	358	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5411993	0.08623	361	361	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416328	5412193	0.09158	364	364	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416328	5412393	0.09585	367	367	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416328	5412593	0.09822	369.11	369.11	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416328	5412793	0.09609	368.22	368.22	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416328	5412993	0.08848	366	366	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416328	5413193	0.07799	366.02	366.02	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416328	5413393	0.06777	367.39	367.39	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5413593	0.06675	369.24	369.24	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5413793	0.06629	374.95	374.95	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5413993	0.06834	381.93	381.93	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5414193	0.07502	385	385	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5414393	0.08376	384	384	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5414593	0.08926	382.63	382.63	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5414793	0.091	372.81	372.81	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5414993	0.0901	369	369	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5415193	0.08885	367	367	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5415393	0.08758	366	366	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5415593	0.08606	365	365	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5415793	0.08374	363	363	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5415993	0.08074	362	362	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5416193	0.07736	362	362	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5416393	0.07404	361.61	361.61	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5416593	0.0709	362	362	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5416793	0.06811	363	363	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5416993	0.06601	361.8	361.8	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5417193	0.06381	360.19	360.19	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5417393	0.06134	359	359	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416328	5417593	0.0591	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416328	5417793	0.06209	364.57	364.57	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416328	5417993	0.06563	367.07	367.07	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416328	5418193	0.06712	360.1	360.1	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416328	5418393	0.06767	359	359	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416328	5418593	0.06787	359.74	359.74	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416328	5418793	0.06729	361	361	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416328	5418993	0.06419	358.56	358.56	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416328	5419193	0.06113	356	356	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416128	5411193	0.10638	363.71	363.71	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5411393	0.09447	360.24	360.24	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5411593	0.08552	359	359	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5411793	0.07887	359.09	359.09	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5411993	0.08071	361.11	361.11	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416128	5412193	0.0857	366	366	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416128	5412393	0.08985	369.8	369.8	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416128	5412593	0.09342	370	370	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416128	5412793	0.09342	368	368	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416128	5412993	0.08844	368	368	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416128	5413193	0.07936	369.43	369.43	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	416128	5413393	0.06826	370	370	0	MONTH	WMRS	1ST	12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	416128	5413593	0.0638	371.19	371.19	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5413793	0.06193	377.82	377.82	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5413993	0.06277	381	381	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5414193	0.0683	380.55	380.55	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5414393	0.07646	379	379	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5414593	0.08355	376.1	376.1	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5414793	0.08662	370.01	370.01	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5414993	0.08689	368	368	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5415193	0.08579	367.74	367.74	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5415393	0.08449	367	367	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5415593	0.08334	366	366	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5415793	0.08187	365	365	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5415993	0.07965	365	365	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5416193	0.07662	364.42	364.42	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5416393	0.07315	364.58	364.58	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5416593	0.07009	363.06	363.06	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5416793	0.06754	361.67	361.67	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5416993	0.06542	360	360	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5417193	0.06331	359	359	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5417393	0.06105	359.14	359.14	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5417593	0.05925	367.67	367.67	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5417793	0.05708	370	370	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	416128	5417993	0.0589	366	366	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416128	5418193	0.06206	360.39	360.39	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416128	5418393	0.06434	361.24	361.24	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416128	5418593	0.06585	362	362	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416128	5418793	0.06611	362	362	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416128	5418993	0.06449	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416128	5419193	0.06189	358.06	358.06	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416128	5419693	0.05517	352	352	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416128	5420193	0.04776	352	352	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416128	5420693	0.04412	355.74	355.74	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416128	5421193	0.03843	354.65	354.65	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	416628	5419693	0.05034	354	354	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	416628	5420193	0.04362	357.66	357.66	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	416628	5420693	0.04258	360	360	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	416628	5421193	0.04016	361	361	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	417128	5419693	0.04878	359	359	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	417128	5420193	0.04597	358	358	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	417128	5420693	0.04356	359	359	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	417128	5421193	0.04095	360	360	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	417628	5419693	0.05187	369.5	369.5	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	417628	5420193	0.04759	364.99	364.99	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	417628	5420693	0.04446	361.33	361.33	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	417628	5421193	0.04233	360	360	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418128	5419693	0.05126	370	370	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418128	5420193	0.04783	372	372	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	418128	5420693	0.04833	370	370	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	418128	5421193	0.0517	363.83	363.83	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	418628	5419693	0.05697	368.21	368.21	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	418628	5420193	0.06121	371	371	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	418628	5420693	0.06357	371	371	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	418628	5421193	0.06377	367.11	367.11	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	419128	5419693	0.07587	366.45	366.45	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	419128	5420193	0.07584	371	371	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	419128	5420693	0.07257	368.28	368.28	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	419128	5421193	0.06704	360.95	360.95	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	419628	5419693	0.08495	366	366	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	419628	5420193	0.07817	368	368	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	419628	5420693	0.07081	370	370	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	419628	5421193	0.06524	359.49	359.49	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420128	5419693	0.08211	368	368	0	MONTH	WMRS	1ST	2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	420128	5420193	0.07433	369	369	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420128	5420693	0.06806	365.82	365.82	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420128	5421193	0.06245	362	362	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420628	5419693	0.07843	370.62	370.62	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420628	5420193	0.07119	369.51	369.51	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420628	5420693	0.06487	365	365	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420628	5421193	0.05954	361	361	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5419693	0.07202	374	374	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5420193	0.06705	363	363	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421128	5420693	0.06119	370	370	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421128	5421193	0.05698	360	360	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421628	5419693	0.07001	369.55	369.55	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	421628	5420193	0.06482	367	367	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421628	5420693	0.05958	371	371	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421628	5421193	0.05793	361	361	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422128	5419693	0.07803	368.55	368.55	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	422128	5420193	0.07329	363	363	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422128	5420693	0.06922	361.38	361.38	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422128	5421193	0.06588	357.99	357.99	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422628	5419693	0.08981	367.99	367.99	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422628	5420193	0.08358	370	370	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422628	5420693	0.07794	370.78	370.78	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422628	5421193	0.07284	369.35	369.35	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423128	5419693	0.09431	372.11	372.11	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423128	5420193	0.0863	374	374	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423128	5420693	0.07896	376.83	376.83	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423128	5421193	0.07262	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423628	5419693	0.10632	370	370	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423628	5420193	0.0974	371.99	371.99	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423628	5420693	0.0885	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423628	5421193	0.08246	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424128	5419693	0.11675	376.22	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424128	5420193	0.10646	379.73	379.73	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424128	5420693	0.09958	366	366	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424128	5421193	0.0915	376	376	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424628	5419693	0.11254	375.78	375.78	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424628	5420193	0.10566	380.21	380.21	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424628	5420693	0.09962	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424628	5421193	0.09357	370.14	370.14	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425128	5419693	0.08639	376	376	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425128	5420193	0.08314	378.67	378.67	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425128	5420693	0.08046	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425128	5421193	0.07957	370	370	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425628	5419693	0.06914	373.64	373.64	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425628	5420193	0.06608	372	372	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425628	5420693	0.06214	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425628	5421193	0.06002	379.09	379.09	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	426128	5419693	0.06926	370.46	370.46	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	426128	5420193	0.06337	369.35	369.35	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	426128	5420693	0.05682	378	378	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	426128	5421193	0.05259	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	426628	5419693	0.07065	368.07	368.07	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	426628	5420193	0.06527	367.52	367.52	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	426628	5420693	0.0606	369	369	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	426628	5421193	0.05579	371.25	371.25	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	427128	5419693	0.08324	373.21	373.21	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427128	5420193	0.07321	370.37	370.37	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427128	5420693	0.06393	374.18	381	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427128	5421193	0.05587	360	381	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427628	5419693	0.08991	370.22	370.22	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	427628	5420193	0.08492	383.07	383.07	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	427628	5420693	0.07286	366.33	366.33	0	MONTH	WMRS	1ST	2/29/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	427628	5421193	0.06467	358	358	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	428128	5419693	0.08798	363.07	363.07	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	428128	5420193	0.08112	370.67	370.67	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	428128	5420693	0.07724	382.97	382.97	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	428128	5421193	0.07284	369.95	369.95	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	428628	5419693	0.08488	376.81	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	428628	5420193	0.07995	368.14	368.14	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	428628	5420693	0.07453	367.41	367.41	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	428628	5421193	0.06828	379.67	379.67	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	429128	5419693	0.08244	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	429128	5420193	0.07815	372.08	372.08	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	429128	5420693	0.07388	361	372	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	429128	5421193	0.06911	360.13	371	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427628	5419193	0.09641	367.91	367.91	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427628	5418693	0.10355	374.68	374.68	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427628	5418193	0.11105	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427628	5417693	0.12224	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427628	5417193	0.13289	379.31	379.31	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427628	5416693	0.14305	381	381	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427628	5416193	0.15375	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427628	5415693	0.16679	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427628	5415193	0.17084	381	381	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427628	5414693	0.13558	384.81	384.81	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	427628	5414193	0.14967	387	387	0	MONTH	WMRS	1ST	1/31/1996 24 hr
TMA	427628	5407693	0.20208	363	363	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	427628	5407193	0.18716	356.83	356.83	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	427628	5406693	0.16209	360.9	360.9	0	MONTH	WMRS	1ST	4/30/1996 24 hr
TMA	427628	5406193	0.15729	372.99	372.99	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	428128	5419193	0.09379	374	374	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	428128	5418693	0.10146	375	375	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	428128	5418193	0.10829	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	428128	5417693	0.11735	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	428128	5417193	0.12563	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	428128	5416693	0.13471	376	376	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	428128	5416193	0.14529	376	376	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	428128	5415693	0.14227	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	428128	5415193	0.11624	380	380	0	MONTH	WMRS	1ST	1/31/1996 24 hr
TMA	428128	5414693	0.13251	380	380	0	MONTH	WMRS	1ST	1/31/1996 24 hr
TMA	428128	5414193	0.09748	400.68	400.68	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	428128	5407193	0.16827	361.11	361.11	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	428128	5406693	0.14804	360.48	360.48	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	428128	5406193	0.13697	367.95	367.95	0	MONTH	WMRS	1ST	4/30/1996 24 hr
TMA	428628	5419193	0.09042	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	428628	5418693	0.09795	377	377	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	428628	5418193	0.10394	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	428628	5417693	0.1097	378.24	378.24	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	428628	5417193	0.11648	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	428628	5416693	0.12636	376	376	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	428628	5416193	0.11866	374	374	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	428628	5415693	0.10204	376	376	0	MONTH	WMRS	1ST	1/31/1996 24 hr
TMA	428628	5415193	0.1121	385.89	408	0	MONTH	WMRS	1ST	1/31/1996 24 hr
TMA	428628	5414693	0.08778	397.09	397.09	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	428628	5414193	0.08692	400.52	410	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	428628	5407193	0.14131	353	353	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	428628	5406693	0.13887	362	362	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	428628	5406193	0.11871	362	362	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	429128	5419193	0.08807	377.26	377.26	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	429128	5418693	0.09234	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	429128	5418193	0.09632	379.95	379.95	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	429128	5417693	0.10436	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	429128	5417193	0.11048	375	375	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	429128	5416693	0.09959	373	373	0	MONTH	WMRS	1ST	2/29/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	429128	5416193	0.08998	373	373	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	429128	5415693	0.10027	379.36	400	0	MONTH	WMRS	1ST	1/31/1996 24 hr
TMA	429128	5413193	0.12377	390	390	0	MONTH	WMRS	1ST	12/31/1998 24 hr
TMA	429128	5412693	0.12702	398.59	398.59	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	429128	5408693	0.15886	389.01	389.01	0	MONTH	WMRS	1ST	1/31/1996 24 hr
TMA	429128	5407193	0.12031	355	355	0	MONTH	WMRS	1ST	2/28/1997 24 hr
TMA	429128	5406693	0.12299	358	358	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	429128	5406193	0.11449	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	427128	5407693	0.23884	350	350	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	427128	5407193	0.19991	360.73	360.73	0	MONTH	WMRS	1ST	4/30/1996 24 hr
TMA	427128	5406693	0.19346	364.08	364.08	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	427128	5406193	0.19578	369.47	383	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	426628	5407693	0.26918	360.15	360.15	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	426628	5407193	0.23909	370	370	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	426628	5406693	0.23695	379.68	379.68	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	426628	5406193	0.2376	370.4	370.4	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	426128	5407693	0.29422	380.31	380.31	0	MONTH	WMRS	1ST	4/30/1996 24 hr
TMA	426128	5407193	0.32481	370.02	370.02	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	426128	5406693	0.30474	378	378	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	426128	5406193	0.26579	390	390	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	425628	5407693	0.46614	361	361	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	425628	5407193	0.44095	366.13	366.13	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	425628	5406693	0.34339	378.76	378.76	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	425628	5406193	0.22343	382	382	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	425128	5406693	0.29488	373	373	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	425128	5406193	0.24368	377.62	377.62	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	424628	5406693	0.32317	367.47	367.47	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	424628	5406193	0.24499	370	370	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	424128	5407693	0.56272	360.97	360.97	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	424128	5407193	0.37147	366.8	366.8	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	424128	5406693	0.2638	365.76	365.76	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	424128	5406193	0.20184	378.74	378.74	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	423628	5407693	0.59508	359.97	359.97	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	423628	5407193	0.41752	367.85	367.85	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	423628	5406693	0.33232	362.95	362.95	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	423628	5406193	0.26581	363.21	363.21	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	423128	5406693	0.46838	359.65	359.65	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	423128	5406193	0.36651	361	361	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	422628	5407693	0.80435	359.48	359.48	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	422628	5407193	0.62419	360.02	360.02	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	422128	5407693	0.58402	359	359	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	422128	5407193	0.48108	358.4	358.4	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	422128	5406193	0.36068	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	421628	5407693	0.47236	360	360	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	421628	5407193	0.38896	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	420128	5406693	0.20575	347	347	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	419628	5406693	0.1822	348	348	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	419128	5407693	0.24691	343	343	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5407193	0.18794	345.2	345.2	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	419128	5406693	0.16097	348	348	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	419128	5406193	0.14699	349	349	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	418628	5407693	0.21446	342	342	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418628	5407193	0.19209	344	344	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418628	5406693	0.14313	342.29	342.29	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	418628	5406193	0.1311	343	343	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	418128	5407693	0.18267	341	341	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418128	5407193	0.17858	342	342	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418128	5406693	0.14686	342.64	342.64	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	418128	5406193	0.11787	343	343	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	417628	5407693	0.15735	340	340	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417628	5407193	0.15742	341	341	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	417628	5406693	0.14719	343	343	0	MONTH	WMRS	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	417628	5406193	0.11272	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417128	5407693	0.13828	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417128	5407193	0.13739	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417128	5406693	0.13651	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	417128	5406193	0.11951	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416628	5407693	0.12359	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416628	5407193	0.12096	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416628	5406693	0.12184	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416628	5406193	0.11723	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416128	5407693	0.11214	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416128	5407193	0.10787	341.05	341.05	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	416128	5406193	0.10846	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415628	5406193	0.09761	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415128	5406193	0.08742	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414628	5406693	0.07919	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414628	5406193	0.07886	341.26	341.26	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414128	5406693	0.07265	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414128	5406193	0.072	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415628	5408193	0.1126	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415628	5408693	0.11034	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415628	5409193	0.10178	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415628	5409693	0.09142	353.49	353.49	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415628	5410193	0.0961	354.22	354.22	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415628	5410693	0.11725	362.66	362.66	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415628	5411193	0.10056	366	366	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415628	5411693	0.07368	368.95	368.95	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415628	5412193	0.07286	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	415628	5412693	0.08296	370.01	370.01	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	415628	5413193	0.08037	372.82	372.82	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	415628	5413693	0.0579	380	380	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415628	5414193	0.05573	378	378	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415628	5414693	0.06915	373.77	373.77	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415628	5415193	0.07831	370	370	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415628	5415693	0.07617	366	366	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415628	5416193	0.07341	363	363	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415628	5416693	0.06786	360	360	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415628	5417193	0.06241	357	357	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415628	5417693	0.05637	362.86	362.86	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415628	5418193	0.05246	364.86	364.86	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415628	5418693	0.05521	360.38	360.38	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	415628	5419193	0.05868	359	359	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	415628	5419693	0.05666	353.8	353.8	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	415628	5420193	0.05187	353.31	353.31	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	415628	5420693	0.04553	354	354	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	415628	5421193	0.03932	354	354	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	415128	5408193	0.1026	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415128	5408693	0.09847	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415128	5409193	0.09098	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415128	5409693	0.08192	354.16	354.16	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415128	5410193	0.08504	358	358	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415128	5410693	0.10504	362	362	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415128	5411193	0.09569	367	367	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415128	5411693	0.06921	370	370	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415128	5412193	0.06278	367	367	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	415128	5412693	0.07278	366	366	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	415128	5413193	0.07663	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	415128	5413693	0.06203	373	373	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	415128	5414193	0.05059	375	375	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415128	5414693	0.05488	371	371	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415128	5415193	0.06734	370	370	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415128	5415693	0.07031	363	363	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415128	5416193	0.06893	356.02	356.02	0 MONTH	WMRS	1ST		1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	415128	5416693	0.06568	354	354	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415128	5417193	0.06101	356	356	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415128	5417693	0.05529	359	359	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415128	5418193	0.05145	357.1	357.1	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415128	5418693	0.04725	356	356	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	415128	5419193	0.04956	356	356	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	415128	5419693	0.05266	355	355	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	415128	5420193	0.0523	355	355	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	415128	5420693	0.04984	361	361	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	415128	5421193	0.04362	360	360	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	414628	5408193	0.0932	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414628	5408693	0.08841	346.66	346.66	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414628	5409193	0.08203	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414628	5409693	0.07395	357	357	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414628	5410193	0.06981	366	366	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414628	5410693	0.09279	359	359	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414628	5411193	0.08893	359	359	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414628	5411693	0.06858	360	360	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414628	5412193	0.05622	363	363	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414628	5412693	0.06362	367	367	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	414628	5413193	0.06994	371	371	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	414628	5413693	0.06427	371	371	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	414628	5414193	0.04769	370	370	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414628	5414693	0.04646	369.61	369.61	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414628	5415193	0.05469	366.83	366.83	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414628	5415693	0.06187	356.12	356.12	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414628	5416193	0.06336	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414628	5416693	0.06187	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414628	5417193	0.05892	352	352	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414628	5417693	0.05471	353	353	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414628	5418193	0.05034	354	354	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414628	5418693	0.04665	355	355	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414628	5419193	0.04318	356	356	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414628	5419693	0.04464	358	358	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	414628	5420193	0.0481	358	358	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	414628	5420693	0.04929	360	360	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	414628	5421193	0.04664	360	360	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	414128	5408193	0.08473	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414128	5408693	0.0799	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414128	5409193	0.07434	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414128	5409693	0.06462	361	361	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414128	5410193	0.06771	359	359	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414128	5410693	0.08326	357	357	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414128	5411193	0.08734	370.5	370.5	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414128	5411693	0.06432	364	364	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414128	5412193	0.05301	362	362	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414128	5412693	0.056	367	367	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	414128	5413193	0.06221	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	414128	5413693	0.06332	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	414128	5414193	0.05052	367	367	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	414128	5414693	0.04293	363	363	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414128	5415193	0.04716	358.06	358.06	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414128	5415693	0.05333	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414128	5416193	0.0574	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414128	5416693	0.0577	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414128	5417193	0.05603	351	351	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414128	5417693	0.05326	353.76	353.76	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414128	5418193	0.04946	355	355	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414128	5418693	0.04571	357	357	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414128	5419193	0.04245	358	358	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414128	5419693	0.03964	359	359	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	414128	5420193	0.0403	359	359	0 MONTH	WMRS	1ST		1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	414128	5420693	0.04418	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	414128	5421193	0.04552	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	414128	5422027	0.04138	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	414128	5422860	0.03335	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	414128	5423693	0.02703	360	360	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	415100	5422027	0.0337	361	361	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	415100	5422860	0.03175	360	360	0	MONTH	WMRS	1ST	12/31/1996 24 hr
TMA	415100	5423693	0.02894	357.11	357.11	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	416072	5422027	0.03542	349	349	0	MONTH	WMRS	1ST	3/31/1999 24 hr
TMA	416072	5422860	0.03254	350	350	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	416072	5423693	0.02996	351.91	351.91	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	417045	5422027	0.03737	349	349	0	MONTH	WMRS	1ST	12/31/1999 24 hr
TMA	417045	5422860	0.0354	354.82	354.82	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	417045	5423693	0.03881	364.19	364.19	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	418017	5422027	0.05085	343.69	351	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	418017	5422860	0.05201	363.82	363.82	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	418017	5423693	0.04859	361.57	361.57	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	418989	5422027	0.05949	361	361	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	418989	5422860	0.05221	344.52	344.52	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	418989	5423693	0.04642	354.77	354.77	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	419961	5422027	0.05538	349	349	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	419961	5422860	0.0486	343.48	343.48	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	419961	5423693	0.04298	360	360	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420934	5422027	0.0507	366.69	366.69	0	MONTH	WMRS	1ST	8/31/1996 24 hr
TMA	420934	5422860	0.0459	351	351	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	420934	5423693	0.04148	355.19	355.19	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421906	5422027	0.05709	355.05	355.05	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421906	5422860	0.0523	351	351	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	421906	5423693	0.04809	360	360	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422878	5422027	0.065	373.63	373.63	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422878	5422860	0.0616	357	357	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	422878	5423693	0.05478	360.28	360.28	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423850	5422027	0.07665	379.96	379.96	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423850	5422860	0.07015	355.8	355.8	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	423850	5423693	0.06238	368.01	368.01	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424822	5422027	0.08131	364.2	364.2	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424822	5422860	0.07373	361.94	361.94	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	424822	5423693	0.06921	374	374	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425795	5422027	0.05553	367	367	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425795	5422860	0.05335	366	366	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	425795	5423693	0.05129	366.05	366.05	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	426767	5422027	0.04954	368.71	368.71	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	426767	5422860	0.04345	370	370	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	426767	5423693	0.03937	367	367	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	427739	5422027	0.05457	381.56	381.56	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427739	5422860	0.04561	365	365	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	427739	5423693	0.04179	366	366	0	MONTH	WMRS	1ST	2/28/1998 24 hr
TMA	428711	5422027	0.06241	360.65	360.65	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	428711	5422860	0.05844	369.42	370	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	428711	5423693	0.04833	380.79	380.79	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	429684	5422027	0.06168	351	351	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	429684	5422860	0.05573	351.04	351.04	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	429684	5423693	0.05032	364.07	364.07	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	430656	5422027	0.05954	346	346	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	430656	5422860	0.0546	352	352	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	430656	5423693	0.04975	351.48	351.48	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	431628	5422027	0.05598	351.82	351.82	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	431628	5422860	0.05208	349.61	349.61	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	431628	5423693	0.04805	339	339	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	429961	5421193	0.06797	355.45	355.45	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	429961	5420221	0.07463	362	362	0	MONTH	WMRS	1ST	2/29/2000 24 hr
TMA	429961	5419249	0.07984	374.41	374.41	0	MONTH	WMRS	1ST	2/29/2000 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	429961	5418277	0.08961	371	371	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	429961	5417304	0.0703	371	371	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	429961	5416332	0.08082	378	378	0 MONTH	WMRS	1ST		1/31/1996 24 hr
TMA	429961	5413415	0.10969	390	390	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	429961	5407582	0.12942	359	359	0 MONTH	WMRS	1ST		1/31/1996 24 hr
TMA	429961	5406610	0.09779	361.02	361.02	0 MONTH	WMRS	1ST		2/28/1997 24 hr
TMA	429961	5405638	0.09137	367	367	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	429961	5404665	0.08191	370	370	0 MONTH	WMRS	1ST		4/30/1996 24 hr
TMA	429961	5403693	0.08348	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	430795	5421193	0.0641	358	358	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	430795	5420221	0.06928	362	362	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	430795	5419249	0.07455	370	370	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	430795	5418277	0.05834	370	370	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	430795	5417304	0.06929	385.02	385.02	0 MONTH	WMRS	1ST		1/31/1996 24 hr
TMA	430795	5416332	0.05476	389.42	390	0 MONTH	WMRS	1ST		1/31/1999 24 hr
TMA	430795	5413415	0.09608	378	378	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	430795	5409527	0.11213	381	381	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	430795	5408554	0.10929	366.09	366.09	0 MONTH	WMRS	1ST		12/31/1998 24 hr
TMA	430795	5406610	0.08445	372.63	372.63	0 MONTH	WMRS	1ST		2/28/1997 24 hr
TMA	430795	5405638	0.08285	370	370	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	430795	5404665	0.07086	365	365	0 MONTH	WMRS	1ST		10/31/1999 24 hr
TMA	430795	5403693	0.06249	362	362	0 MONTH	WMRS	1ST		4/30/1996 24 hr
TMA	431628	5421193	0.05877	369.26	369.26	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	431628	5420221	0.06331	370	370	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	431628	5419249	0.04937	365.51	365.51	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	431628	5418277	0.05725	370.11	392	0 MONTH	WMRS	1ST		1/31/1999 24 hr
TMA	431628	5417304	0.04802	373	391	0 MONTH	WMRS	1ST		1/31/1999 24 hr
TMA	431628	5416332	0.05006	382.43	382.43	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	431628	5415360	0.06395	378.88	378.88	0 MONTH	WMRS	1ST		12/31/1999 24 hr
TMA	431628	5414388	0.07654	379	379	0 MONTH	WMRS	1ST		2/29/2000 24 hr
TMA	431628	5413415	0.0875	376	376	0 MONTH	WMRS	1ST		12/31/1998 24 hr
TMA	431628	5412443	0.10043	380	380	0 MONTH	WMRS	1ST		12/31/1998 24 hr
TMA	431628	5411471	0.10453	382	382	0 MONTH	WMRS	1ST		12/31/1998 24 hr
TMA	431628	5409527	0.09895	381	381	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	431628	5408554	0.09648	361	361	0 MONTH	WMRS	1ST		12/31/1998 24 hr
TMA	431628	5407582	0.11349	368.07	368.07	0 MONTH	WMRS	1ST		1/31/1996 24 hr
TMA	431628	5406610	0.07117	378	378	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	431628	5405638	0.0683	368.84	368.84	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	431628	5404665	0.06509	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	431628	5403693	0.06004	379.57	379.57	0 MONTH	WMRS	1ST		4/30/1996 24 hr
TMA	429128	5405360	0.09973	363	363	0 MONTH	WMRS	1ST		4/30/1996 24 hr
TMA	429128	5404527	0.10249	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	429128	5403693	0.08666	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	428156	5405360	0.13487	362	362	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	428156	5404527	0.11963	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	428156	5403693	0.13342	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	427184	5405360	0.18658	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	427184	5404527	0.16542	367.45	367.45	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	427184	5403693	0.10231	366.53	366.53	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	426211	5405360	0.18167	363.02	363.02	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	426211	5404527	0.12368	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	426211	5403693	0.11416	367.92	367.92	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	425239	5405360	0.1902	364	364	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	425239	5404527	0.13512	369.22	369.22	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	425239	5403693	0.10205	364.64	364.64	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	424267	5405360	0.15792	361	361	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	424267	5404527	0.12692	361.96	361.96	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	424267	5403693	0.10553	364.64	364.64	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	423295	5405360	0.23199	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	423295	5404527	0.17531	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	423295	5403693	0.13173	363	363	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	422322	5405360	0.27903	355	355	0 MONTH	WMRS	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	422322	5404527	0.21677	354	354	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	422322	5403693	0.17623	359	359	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	421350	5404527	0.1902	356.96	356.96	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	421350	5403693	0.16131	359	359	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	420378	5405360	0.17161	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	420378	5404527	0.12923	349.55	349.55	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	420378	5403693	0.10854	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	419406	5405360	0.14217	352	352	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	419406	5404527	0.1271	352	352	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	419406	5403693	0.10473	357	357	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	418434	5405360	0.10889	343.7	343.7	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	418434	5404527	0.09783	351	351	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	418434	5403693	0.10024	344.26	344.26	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	417461	5405360	0.09311	349.41	349.41	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	417461	5404527	0.08322	358	358	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	417461	5403693	0.07159	350	350	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	416489	5405360	0.08147	349	349	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	416489	5404527	0.07215	350	350	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	416489	5403693	0.06551	348	348	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	415517	5405360	0.08844	349.67	349.67	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	415517	5404527	0.06305	352.74	352.74	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	415517	5403693	0.0579	348	348	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	414545	5405360	0.07907	346	346	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	414545	5404527	0.06729	349	349	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	414545	5403693	0.05041	348	348	0	MONTH	WMRS	1ST	1/31/1999 24 hr
TMA	413572	5405360	0.06574	343	343	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	413572	5404527	0.06586	342.07	342.07	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	413572	5403693	0.05119	347.01	347.01	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	412600	5405360	0.05571	339.29	339.29	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	412600	5404527	0.05667	337	337	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	412600	5403693	0.05466	341	341	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	411628	5405360	0.0488	343	343	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	411628	5404527	0.04839	339.78	339.78	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	411628	5403693	0.04981	338	338	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	413295	5406193	0.06319	348.65	348.65	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	413295	5407165	0.06898	350	350	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	413295	5408138	0.07303	345	345	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	413295	5409110	0.06508	358.76	358.76	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	413295	5410082	0.05695	358	358	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	413295	5411054	0.07507	355	355	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	413295	5412027	0.05341	356	356	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	413295	5412999	0.0497	359	359	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	413295	5413971	0.05519	365.12	365.12	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	413295	5414943	0.03805	353.61	353.61	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	413295	5415915	0.04334	351	351	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	413295	5416888	0.05037	353	353	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	413295	5417860	0.04866	355	355	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	413295	5418832	0.04354	357	357	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	413295	5419804	0.0376	358.67	358.67	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	413295	5420777	0.03351	359	359	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	413295	5421749	0.03918	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	413295	5422721	0.03889	361	361	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	413295	5423693	0.03168	359.14	359.14	0	MONTH	WMRS	1ST	1/31/2000 24 hr
TMA	412461	5406193	0.05563	345	345	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	412461	5407165	0.06534	348	348	0	MONTH	WMRS	1ST	12/31/2000 24 hr
TMA	412461	5408138	0.0631	348	348	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	412461	5409110	0.05647	355.04	355.04	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	412461	5410082	0.04993	355.14	355.14	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	412461	5411054	0.06639	354	354	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	412461	5412027	0.049	360	360	0	MONTH	WMRS	1ST	1/31/1998 24 hr
TMA	412461	5412999	0.04096	360	360	0	MONTH	WMRS	1ST	12/31/1997 24 hr
TMA	412461	5413971	0.04833	360	360	0	MONTH	WMRS	1ST	12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
TMA	412461	5414943	0.03865	351	351	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	412461	5415915	0.03439	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	412461	5416888	0.04205	354	354	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	412461	5417860	0.04417	354	354	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	412461	5418832	0.04168	356	356	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	412461	5419804	0.03622	360	360	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	412461	5420777	0.03232	360	360	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	412461	5421749	0.0294	355	355	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	412461	5422721	0.03435	353	353	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	412461	5423693	0.03486	361	361	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	411628	5406193	0.04981	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	411628	5407165	0.06072	347	347	0 MONTH	WMRS	1ST		12/31/2000 24 hr
TMA	411628	5408138	0.05493	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	411628	5409110	0.04948	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	411628	5410082	0.04357	350	350	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	411628	5411054	0.05886	353.58	353.58	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	411628	5412027	0.04718	356	356	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	411628	5412999	0.03479	353.13	353.13	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	411628	5413971	0.04186	353.37	353.37	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	411628	5414943	0.03907	349.88	349.88	0 MONTH	WMRS	1ST		12/31/1997 24 hr
TMA	411628	5415915	0.02906	359.68	359.68	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	411628	5416888	0.03289	360.86	360.86	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	411628	5417860	0.03947	360	360	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	411628	5418832	0.03856	357	357	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	411628	5419804	0.03585	360	360	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	411628	5420777	0.03094	360	360	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	411628	5421749	0.02833	360	360	0 MONTH	WMRS	1ST		1/31/1998 24 hr
TMA	411628	5422721	0.02593	361.2	361.2	0 MONTH	WMRS	1ST		1/31/2000 24 hr
TMA	411628	5423693	0.03071	350	350	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	424480	5408573	1.28243	348	348	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424480	5408523	1.23783	348.55	348.55	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424480	5408473	1.19109	349	349	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424480	5408423	1.14575	349.87	349.87	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424480	5408373	1.09637	350	350	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424480	5408323	1.05001	350.68	350.68	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424480	5408273	1.00423	351.34	351.34	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424430	5408573	1.30849	348	348	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424430	5408523	1.25733	348.58	348.58	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424430	5408473	1.20459	349	349	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424430	5408423	1.15512	350	350	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424430	5408373	1.10127	350.05	350.05	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424430	5408323	1.05285	351	351	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424430	5408273	1.00563	352	352	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424380	5408573	1.32834	348	348	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424380	5408523	1.2713	348.61	348.61	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424380	5408473	1.21324	349	349	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424380	5408423	1.15967	350	350	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424380	5408373	1.10695	351	351	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424380	5408323	1.05249	351.24	351.24	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424380	5408273	1.00383	352.4	352.4	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426976	5407714	0.25068	350	350	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	426976	5407615	0.24291	350.8	350.8	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	426976	5407517	0.23373	352.28	352.28	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	426976	5407418	0.2238	356.47	356.47	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	426976	5407319	0.21334	360.1	360.1	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	426976	5407221	0.21422	365.35	365.35	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	426976	5407122	0.21123	369.63	369.63	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	426976	5407023	0.20446	371	371	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	427072	5407714	0.24396	350	350	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	427072	5407615	0.23756	350	350	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	427072	5407517	0.22945	350	350	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	427072	5407418	0.22059	352.13	362	0 MONTH	WMRS	1ST		1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	427072	5407319	0.21138	362.04	362.04	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427072	5407221	0.20639	364.17	364.17	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	427072	5407122	0.20511	366.09	366.09	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	427072	5407023	0.20128	368	368	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	427168	5407714	0.23709	351	351	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427168	5407615	0.23188	350	350	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427168	5407517	0.22526	350	350	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427168	5407418	0.21712	350	361	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427168	5407319	0.2093	355.95	361	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427168	5407221	0.19943	358.24	358.24	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427168	5407122	0.19626	361.42	361.42	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	427168	5407023	0.19498	363.55	363.55	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	427265	5407714	0.23049	354.98	354.98	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427265	5407615	0.22652	352.85	352.85	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427265	5407517	0.22079	351	351	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427265	5407418	0.21369	350	350	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427265	5407319	0.20643	352.94	352.94	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427265	5407221	0.19821	357.79	357.79	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427265	5407122	0.18875	360	360	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	427265	5407023	0.18763	360.72	360.72	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	427361	5407714	0.22357	358.39	358.39	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427361	5407615	0.22056	356.25	356.25	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427361	5407517	0.21592	352.64	352.64	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427361	5407418	0.2097	350	350	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427361	5407319	0.20338	351.93	351.93	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427361	5407221	0.19599	354.41	354.41	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427361	5407122	0.18769	357.1	357.1	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427361	5407023	0.18124	360	360	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	427457	5407714	0.21648	361	361	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427457	5407615	0.21479	358.98	358.98	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427457	5407517	0.21072	355.42	355.42	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427457	5407418	0.20577	352.23	352.23	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427457	5407319	0.19981	351	351	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427457	5407221	0.19321	352	352	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427457	5407122	0.18586	353.97	353.97	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427457	5407023	0.17794	358.55	358.55	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427553	5407714	0.20819	362	362	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427553	5407615	0.20799	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427553	5407517	0.20546	358.25	358.25	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427553	5407418	0.20246	358.56	358.56	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427553	5407319	0.19682	355.17	355.17	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427553	5407221	0.1905	352.25	352.25	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427553	5407122	0.18345	351	351	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427553	5407023	0.17653	353.88	353.88	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427649	5407714	0.19979	364.04	364.04	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427649	5407615	0.2012	362.25	362.25	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427649	5407517	0.20157	364.29	364.29	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427649	5407418	0.19943	364.9	364.9	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427649	5407319	0.19475	361.58	366	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427649	5407221	0.18899	359.57	359.57	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427649	5407122	0.18148	352.5	361	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427649	5407023	0.17484	352.5	352.5	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427745	5407517	0.19503	369.72	369.72	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427745	5407418	0.19372	371	371	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427745	5407319	0.19083	369.08	369.08	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427745	5407221	0.18645	363.91	363.91	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427745	5407122	0.17935	356.34	362	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427745	5407023	0.17297	352.45	352.45	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427842	5407517	0.1878	371.09	371.09	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427842	5407418	0.18781	372	372	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427842	5407319	0.18609	370.39	370.39	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427842	5407221	0.18277	367.13	367.13	0	MONTH	WMRS	1ST	1/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	427842	5407122	0.17725	359.72	359.72	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427842	5407023	0.17063	352	352	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427938	5407517	0.18036	371.85	371.85	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427938	5407418	0.18189	371	371	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427938	5407319	0.18127	369.44	369.44	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427938	5407221	0.17863	364.3	364.3	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427938	5407122	0.17356	358.83	358.83	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	427938	5407023	0.16813	352.66	352.66	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428034	5407517	0.17315	370.57	370.57	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428034	5407418	0.17547	371	371	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428034	5407319	0.17599	368.49	368.49	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428034	5407221	0.17407	363.72	363.72	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428034	5407122	0.16988	358.93	358.93	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428034	5407023	0.16533	353.71	353.71	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428130	5407517	0.1658	370	370	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428130	5407418	0.16894	370	370	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428130	5407319	0.17033	367.55	367.55	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428130	5407221	0.16903	362.59	362.59	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428130	5407122	0.16542	357.97	357.97	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428130	5407023	0.16199	352.97	352.97	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	426880	5407696	0.25627	353.15	353.15	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	426880	5407600	0.24671	354.09	354.09	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	426880	5407504	0.23603	355.99	355.99	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	426880	5407408	0.22492	358.33	358.33	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	426880	5407312	0.2222	362.3	362.3	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	426880	5407216	0.22079	367.62	367.62	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	426880	5407119	0.21459	370.93	370.93	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	426880	5407023	0.20569	372.97	372.97	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	426781	5407696	0.26227	356	356	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	426781	5407600	0.25089	357.04	357.04	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	426781	5407504	0.23829	358.56	358.56	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	426781	5407408	0.23187	360.61	360.61	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	426781	5407312	0.23074	364.81	364.81	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	426781	5407216	0.22549	369.68	369.68	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	426781	5407119	0.21634	372	372	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	426781	5407023	0.22	374	374	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	426683	5407696	0.26758	359.06	359.06	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	426683	5407600	0.25381	359.98	359.98	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	426683	5407504	0.24424	361.25	361.25	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	426683	5407408	0.24197	363.89	363.89	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	426683	5407312	0.23684	367.43	367.43	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	426683	5407216	0.22907	370	370	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	426683	5407119	0.23227	371.94	371.94	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	426683	5407023	0.23617	374.04	374.04	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	426584	5407696	0.27087	361.53	361.53	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	426584	5407600	0.25784	362.53	362.53	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	426584	5407504	0.25406	362.88	362.88	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	426584	5407408	0.24834	364.48	364.48	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	426584	5407312	0.24355	367.47	367.47	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	426584	5407216	0.24552	369.98	369.98	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	426584	5407119	0.24925	371.96	371.96	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	426584	5407023	0.2519	374.1	374.1	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	426485	5407696	0.27251	365.1	365.1	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	426485	5407600	0.26988	366.91	366.91	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	426485	5407504	0.26331	366.8	366.8	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	426485	5407408	0.25951	364.84	364.84	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	426485	5407312	0.26266	364.7	364.7	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	426485	5407216	0.26414	368.85	368.85	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	426485	5407119	0.26608	372.01	372.01	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	426485	5407023	0.26534	375.06	375.06	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	426387	5407696	0.28484	368.41	368.41	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	426387	5407600	0.27873	370	370	0	MONTH	WMRS	1ST	4/30/1996 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	426387	5407504	0.26818	371	371	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	426387	5407408	0.27374	368.39	368.39	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426387	5407312	0.28	366.06	366.06	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426387	5407216	0.28074	370.9	370.9	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426387	5407119	0.281	373	373	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426387	5407023	0.27763	375.21	375.21	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426288	5407696	0.29474	370.89	370.89	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	426288	5407600	0.28313	373.78	373.78	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	426288	5407504	0.28397	372.5	372.5	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426288	5407408	0.2939	368.33	368.33	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426288	5407312	0.29842	367.43	367.43	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426288	5407216	0.29798	370.96	370.96	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426288	5407119	0.29528	373	373	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426288	5407023	0.29049	374.27	374.27	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426189	5407696	0.29784	376.58	376.58	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	426189	5407600	0.29332	376.59	376.59	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426189	5407504	0.30603	372.44	372.44	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426189	5407408	0.31431	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426189	5407312	0.3172	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426189	5407216	0.31528	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426189	5407119	0.3104	372	372	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426189	5407023	0.30472	373.32	373.32	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426091	5407696	0.30037	381	381	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426091	5407600	0.31652	376.7	376.7	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426091	5407504	0.33141	370.39	370.39	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426091	5407408	0.33523	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426091	5407312	0.3347	369.4	369.4	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426091	5407216	0.33181	370.02	370.02	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426091	5407119	0.32689	371.24	371.24	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426091	5407023	0.32102	373	373	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425992	5407696	0.33662	376.16	376.16	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425992	5407600	0.34557	374.34	374.34	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425992	5407504	0.35438	370.33	370.33	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425992	5407408	0.35599	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425992	5407312	0.35398	369.11	369.11	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425992	5407216	0.34993	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425992	5407119	0.34559	371.08	371.08	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425992	5407023	0.34135	372.64	372.64	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425893	5407696	0.37218	371.62	371.62	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425893	5407600	0.37538	371.42	371.42	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425893	5407504	0.37877	369.27	369.27	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425893	5407408	0.37887	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425893	5407312	0.37653	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425893	5407216	0.37265	369.05	369.05	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425893	5407119	0.36894	370.35	370.35	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425893	5407023	0.36452	372.49	372.49	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425794	5407696	0.4057	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425794	5407600	0.40488	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425794	5407504	0.40508	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425794	5407408	0.40569	366.01	366.01	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425794	5407312	0.40344	366.02	366.02	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425794	5407216	0.39834	368.24	368.24	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425794	5407119	0.39395	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425794	5407023	0.38885	372	372	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425696	5407696	0.44025	364.24	364.24	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425696	5407600	0.43918	364.51	364.51	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425696	5407504	0.43853	363.59	363.59	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425696	5407408	0.43692	362.68	362.68	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425696	5407312	0.43211	364.12	364.12	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425696	5407216	0.42622	366.3	366.3	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425696	5407119	0.41888	368.96	368.96	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425696	5407023	0.41059	370.61	370.61	0 MONTH	WMRS	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	425597	5407696	0.47899	358.97	358.97	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425597	5407600	0.47654	359.06	359.06	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425597	5407504	0.47194	360	360	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425597	5407408	0.4661	361.05	361.05	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425597	5407312	0.45878	363	363	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425597	5407216	0.44988	365.14	365.14	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425597	5407119	0.43855	367.25	367.25	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425597	5407023	0.42415	368.85	368.85	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425498	5407696	0.51327	360	360	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425498	5407600	0.50829	360.32	360.32	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425498	5407504	0.50125	361	361	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425498	5407408	0.49205	362.32	362.32	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425498	5407312	0.48063	364.04	364.04	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425498	5407216	0.46642	365.06	365.06	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425498	5407119	0.44858	366	366	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425498	5407023	0.42719	367	367	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425400	5407696	0.54887	361	361	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425400	5407600	0.53987	361.98	361.98	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425400	5407504	0.52827	363.01	363.01	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425400	5407408	0.51323	365.12	365.12	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425400	5407312	0.49456	367.19	367.19	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425400	5407216	0.47199	368.74	368.74	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425400	5407119	0.44578	369.79	369.79	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425400	5407023	0.41827	369.34	369.34	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425301	5407696	0.58333	361.78	361.78	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425301	5407600	0.56816	363	363	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425301	5407504	0.54899	365.07	365.07	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425301	5407408	0.52524	367.23	367.23	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425301	5407312	0.49741	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425301	5407216	0.46666	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425301	5407119	0.43472	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425301	5407023	0.40235	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424413	5408177	0.91758	354	354	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424413	5408081	0.8373	356	356	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424413	5407985	0.76319	358	358	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424413	5407889	0.69416	359.98	359.98	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424413	5407792	0.62264	366.77	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424413	5407696	0.55203	373.85	373.85	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424413	5407600	0.50399	376.64	376.64	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424413	5407504	0.48141	375.3	375.3	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424413	5407408	0.46561	372.2	372.2	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424413	5407312	0.44499	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424413	5407216	0.42162	368.94	368.94	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424413	5407119	0.39978	367	367	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424413	5407023	0.37804	365.15	365.15	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424314	5408177	0.90551	354	354	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424314	5408081	0.82495	355.75	355.75	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424314	5407985	0.75438	357	357	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424314	5407889	0.69085	358.04	358.04	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424314	5407792	0.63397	360.23	373	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424314	5407696	0.57503	367.81	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424314	5407600	0.5225	372.59	372.59	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424314	5407504	0.49199	372.1	372.1	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424314	5407408	0.46701	370.07	370.07	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424314	5407312	0.44247	367.47	367.47	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424314	5407216	0.41621	365.95	365.95	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424314	5407119	0.39077	364.62	364.62	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424314	5407023	0.36652	364	364	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424216	5408177	0.88964	354	354	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424216	5408081	0.80956	355	355	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424216	5407985	0.74234	356.95	356.95	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424216	5407889	0.68077	358	358	0 MONTH	WMRS	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	424216	5407792	0.62685	359	359	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424216	5407696	0.57774	362.68	362.68	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424216	5407600	0.52985	367.29	367.29	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424216	5407504	0.49182	367.82	367.82	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424216	5407408	0.4605	365.91	365.91	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424216	5407312	0.43176	363	363	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424216	5407216	0.40228	363	363	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424216	5407119	0.37375	364.27	364.27	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424216	5407023	0.3477	365.35	365.35	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424117	5408177	0.86927	354	354	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424117	5408081	0.79309	355.87	355.87	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424117	5407985	0.7258	357	357	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424117	5407889	0.66484	358	358	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424117	5407792	0.61035	359.32	359.32	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424117	5407696	0.56199	360.57	360.57	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424117	5407600	0.51886	361	361	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424117	5407504	0.47969	361.37	361.37	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424117	5407408	0.44354	362	362	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424117	5407312	0.40943	363.53	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424117	5407216	0.37412	367.37	367.37	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424117	5407119	0.3463	368.29	368.29	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424117	5407023	0.32321	368.2	368.2	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424018	5408177	0.84612	355.51	355.51	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424018	5408081	0.76928	356.55	356.55	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424018	5407985	0.70159	357.54	357.54	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424018	5407889	0.64035	358.21	358.21	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424018	5407792	0.58574	359	359	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424018	5407696	0.53679	360	360	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424018	5407600	0.48985	362.67	362.67	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424018	5407504	0.44492	365.89	365.89	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424018	5407408	0.40334	368.97	368.97	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424018	5407312	0.36825	370.91	370.91	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424018	5407216	0.34219	371	371	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424018	5407119	0.31903	371	371	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424018	5407023	0.30724	370	370	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423919	5408177	0.81217	358	358	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	423919	5408081	0.73498	358	358	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	423919	5407985	0.66805	358	358	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	423919	5407889	0.60929	358	358	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	423919	5407792	0.55473	359	359	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	423919	5407696	0.50479	360.88	360.88	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	423919	5407600	0.45535	364.73	364.73	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	423919	5407504	0.40922	368.87	368.87	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	423919	5407408	0.38471	371.04	371.04	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423919	5407312	0.36566	372	372	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423919	5407216	0.34996	372	372	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423919	5407119	0.33489	372	372	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423919	5407023	0.32269	371	371	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423821	5408177	0.76163	360	360	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	423821	5408081	0.69051	359	359	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	423821	5407985	0.62958	358	358	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	423821	5407889	0.57674	357.67	357.67	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423821	5407792	0.53758	359.5	359.5	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423821	5407696	0.50326	361.94	361.94	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423821	5407600	0.46879	365.79	365.79	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423821	5407504	0.43721	369	369	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423821	5407408	0.40936	371.1	371.1	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423821	5407312	0.38677	372	372	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423821	5407216	0.36908	371.72	371.72	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423821	5407119	0.35354	371	371	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423821	5407023	0.33738	371	371	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423722	5408177	0.77078	359.06	359.06	0 MONTH	WMRS	1ST		12/31/2000 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	423722	5408081	0.72282	358	358	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423722	5407985	0.677	356.35	356.35	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423722	5407889	0.63458	357	357	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423722	5407792	0.59029	358.55	358.55	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423722	5407696	0.55037	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423722	5407600	0.50811	363.84	363.84	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423722	5407504	0.46819	368	368	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423722	5407408	0.43627	370.1	370.1	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423722	5407312	0.41152	370.74	370.74	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423722	5407216	0.39287	370	370	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423722	5407119	0.37375	369.91	369.91	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423722	5407023	0.35579	370	370	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423623	5408177	0.87372	357	357	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423623	5408081	0.80585	356	356	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423623	5407985	0.74802	356	356	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423623	5407889	0.69781	356.87	356.87	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423623	5407792	0.64846	358	358	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423623	5407696	0.59845	360.04	360.04	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423623	5407600	0.54843	363.9	363.9	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423623	5407504	0.50577	367.05	367.05	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423623	5407408	0.4704	369	369	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423623	5407312	0.44457	369	369	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423623	5407216	0.42377	368	368	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423623	5407119	0.40427	367	367	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423623	5407023	0.38507	366.54	366.54	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423525	5408177	0.97035	355	355	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423525	5408081	0.89261	355	355	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423525	5407985	0.82467	355	355	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423525	5407889	0.76642	356	356	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423525	5407792	0.71292	357.67	357.67	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423426	5408177	1.06368	353	353	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423426	5408081	0.97913	354	354	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423426	5407985	0.90216	354	354	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423426	5407889	0.83765	355.56	355.56	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423426	5407792	0.77479	358.78	372	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423327	5408177	1.1478	352	352	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423327	5408081	1.05397	352.5	352.5	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423327	5407985	0.9719	353	353	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423327	5407889	0.90289	355	378	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423327	5407792	0.83497	360.58	380	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423229	5408177	1.2282	354.3	354.3	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423229	5408081	1.12742	355	355	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423229	5407985	1.03891	355.59	355.59	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423229	5407889	0.96218	357.72	381	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423229	5407792	0.87182	367.49	380	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423130	5408177	1.28083	356	356	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423130	5408081	1.17767	357	357	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423130	5407985	1.08567	357.83	357.83	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423130	5407889	1.0041	360.74	380	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	424284	5408273	0.99257	352.46	352.46	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	424284	5408372	1.09908	351	351	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	424284	5408471	1.21442	349	349	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	424284	5408569	1.34287	347.79	347.79	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	424188	5408273	0.97313	352	352	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	424188	5408372	1.07906	350.26	350.26	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	424188	5408471	1.2037	349	349	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	424188	5408569	1.33781	347.04	347.04	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	424092	5408273	0.95277	353	353	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	424092	5408372	1.05678	351.02	351.02	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	424092	5408471	1.18465	350	350	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	424092	5408569	1.32433	347.79	347.79	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	423995	5408273	0.92746	354.72	354.72	0	MONTH	WMRS	1ST	12/31/1997 24 hr

Discrete FX	Y	Concentr	Elevation	Hill High	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON)
MINE	423995	5408372	1.02928	352.59	352.59	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	423995	5408471	1.1491	350.49	350.49	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	423995	5408569	1.28483	347.85	347.85	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	423899	5408273	0.89285	357.85	357.85	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	423899	5408372	0.99592	355.06	355.06	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	423899	5408471	1.10433	351.16	351.16	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	423899	5408569	1.23649	348.73	348.73	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	423803	5408273	0.83745	360	360	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	423803	5408372	0.9499	357.44	357.44	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	423803	5408471	1.05274	352.21	352.21	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	423803	5408569	1.18019	349.96	349.96	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	423707	5408273	0.84704	358.98	358.98	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423707	5408372	0.93435	356.34	356.34	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423707	5408471	1.00846	352.27	352.27	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423707	5408569	1.10394	350.01	350.01	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	423611	5408273	0.96037	355.94	355.94	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423611	5408372	1.0417	353.6	353.6	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423611	5408471	1.13299	351.33	351.33	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423611	5408569	1.24313	350	350	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423515	5408273	1.06432	353.29	353.29	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423515	5408372	1.16305	352	352	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423515	5408471	1.2787	351	351	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423515	5408569	1.41224	350	350	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423418	5408273	1.16733	352	352	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423418	5408372	1.28056	351	351	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423418	5408471	1.41501	350.37	350.37	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423418	5408569	1.57433	350	350	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423322	5408273	1.25626	351	351	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423322	5408372	1.38621	351	351	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423322	5408471	1.53921	351	351	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423322	5408569	1.71001	350.13	350.13	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423226	5408273	1.34616	354	354	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423226	5408372	1.47997	353	353	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423226	5408471	1.63483	352	352	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423226	5408569	1.81554	351.25	351.25	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423130	5408273	1.39716	355.12	355.12	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423130	5408372	1.5358	354.82	354.82	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423130	5408471	1.69018	353.62	353.62	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423130	5408569	1.87051	353	353	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423530	5415023	0.24994	394	394	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	423730	5415023	0.25922	395.63	395.63	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	423930	5415023	0.25396	396.34	396.34	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	424130	5414623	0.22842	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	424130	5414823	0.23271	397.55	397.55	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	424130	5415023	0.224	398	398	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	424330	5414623	0.19825	399.72	399.72	0 MONTH	WMRS	1ST		10/31/2000 24 hr
MINE	424330	5414823	0.18994	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	424330	5415023	0.19485	397	397	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	424530	5414623	0.19953	393.92	393.92	0 MONTH	WMRS	1ST		10/31/2000 24 hr
MINE	424530	5414823	0.18913	394.09	394.09	0 MONTH	WMRS	1ST		10/31/2000 24 hr
MINE	424530	5415023	0.18014	393.27	393.27	0 MONTH	WMRS	1ST		10/31/2000 24 hr
MINE	424730	5414623	0.19984	388	388	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	424730	5414823	0.19029	387	387	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	424730	5415023	0.18118	386.18	386.18	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	424930	5414223	0.26343	386	386	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	424930	5414423	0.22936	388.43	388.43	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	424930	5414623	0.20059	390.27	390.27	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	424930	5414823	0.18701	387.3	387.3	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	424930	5415023	0.18516	381	381	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	425130	5414223	0.26541	392.46	395	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	425130	5414423	0.27077	383	383	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	425130	5414623	0.23692	387	387	0 MONTH	WMRS	1ST		2/29/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	425130	5414823	0.21801	384.85	384.85	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	425130	5415023	0.20096	381	381	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	425330	5414223	0.3025	384.97	384.97	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	425330	5414423	0.2907	381	381	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	425330	5414623	0.26565	382.16	382.16	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	425330	5414823	0.24596	381	381	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	425330	5415023	0.22838	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	425530	5414223	0.31112	382	382	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	425530	5414423	0.29617	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	425530	5414623	0.27862	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	425530	5414823	0.25964	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	425530	5415023	0.24252	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	425730	5414223	0.30866	381	381	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	425730	5414423	0.29276	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	425730	5414623	0.27547	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	425730	5414823	0.25927	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	425730	5415023	0.24541	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	425930	5414223	0.30314	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	425930	5414423	0.28473	381	381	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	425930	5414623	0.26692	382	382	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	425930	5414823	0.2543	381	381	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	425930	5415023	0.24375	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426130	5414223	0.29046	380.57	380.57	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426130	5414423	0.27423	382	382	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426130	5414623	0.25674	384	384	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426130	5414823	0.24423	383.86	383.86	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426130	5415023	0.23621	381.47	381.47	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426330	5414223	0.27856	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426330	5414423	0.26735	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426330	5414623	0.25298	381.87	381.87	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426330	5414823	0.23496	385.51	385.51	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426330	5415023	0.21999	387.56	387.56	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426530	5414223	0.26738	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426530	5414423	0.25708	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426530	5414623	0.24423	381	381	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426530	5414823	0.22398	386.94	386.94	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426530	5415023	0.20903	390	390	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426730	5414223	0.24788	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426730	5414423	0.24465	378.61	378.61	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426730	5414623	0.23549	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426730	5414823	0.21596	386.74	386.74	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426730	5415023	0.20359	389.16	389.16	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426930	5414223	0.21842	378.5	378.5	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426930	5414423	0.22609	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426930	5414623	0.2242	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426930	5414823	0.21432	383	383	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	426930	5415023	0.20357	385	385	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	427130	5414223	0.17969	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	427130	5414423	0.19774	380	380	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	427130	5414623	0.20632	381	381	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	427130	5414823	0.20588	382	382	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	427130	5415023	0.19837	384	384	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	427330	5414223	0.16194	380	380	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	427330	5414423	0.16196	381	381	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	427330	5414623	0.17928	381.79	381.79	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	427330	5414823	0.18939	382.06	382.06	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	427330	5415023	0.19057	383	383	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	427530	5414223	0.15675	383	383	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	427530	5414423	0.14764	383	383	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	427530	5414623	0.14575	383	383	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	427530	5414823	0.16374	382	382	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	427530	5415023	0.17515	381.28	381.28	0	MONTH	WMRS	1ST	2/29/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	427730	5414223	0.14242	388.65	388.65	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	427730	5414423	0.14401	386.28	386.28	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	427730	5414623	0.13479	386	386	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	427730	5414823	0.13143	385	385	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	427730	5415023	0.14931	383.26	383.26	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	427930	5414223	0.11781	394.48	400	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	427930	5414423	0.13811	384	384	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	427930	5414623	0.13958	380	380	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	427930	5414823	0.13143	380	380	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	427930	5415023	0.1244	381	381	0	MONTH	WMRS	1ST	12/31/1999 24 hr
MINE	428130	5414223	0.09945	399.38	399.38	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	428130	5414423	0.11847	388.75	388.75	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	428130	5414623	0.1315	381.08	381.08	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	428130	5414823	0.13162	379	379	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	428130	5415023	0.12393	379.67	379.67	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	428330	5414223	0.1004	392.58	411	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	428330	5414423	0.10223	392	392	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	428330	5414623	0.11676	382	382	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	428330	5414823	0.12333	382.78	382.78	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	428330	5415023	0.12371	380	380	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	428530	5414223	0.08672	403.11	403.11	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	428530	5414423	0.09653	390.52	390.52	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	428530	5414623	0.098	389.99	389.99	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	428530	5414823	0.10519	391	391	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	428530	5415023	0.11182	391	391	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	428730	5414223	0.08463	401.33	401.33	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	428730	5414423	0.08684	397.11	410	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	428730	5414623	0.0831	399.21	399.21	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	428730	5414823	0.08577	396.87	396.87	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	428730	5415023	0.09287	399.35	399.35	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	428930	5412623	0.13802	396	396	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	428930	5412823	0.13638	395.38	395.38	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	428930	5413023	0.131	392	392	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	428930	5413223	0.12471	390.08	390.08	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	429130	5412623	0.1223	399	399	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	429130	5412823	0.13319	396.27	396.27	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	429130	5413023	0.12649	391.83	391.83	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	429130	5413223	0.12276	390	390	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	429330	5412623	0.11752	400	400	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	429330	5412823	0.12209	399.16	399.16	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	429330	5413023	0.12544	395.32	395.32	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	429330	5413223	0.11958	389.89	389.89	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	429530	5412623	0.11809	398	398	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	429530	5412823	0.11323	398	398	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	429530	5413023	0.11817	400	400	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	429530	5413223	0.11352	394.35	400	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	429730	5412623	0.12127	394.58	394.58	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	429730	5412823	0.11275	392	392	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	429730	5413023	0.12084	390	390	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	429730	5413223	0.12014	389	389	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	429730	5413423	0.10785	391	391	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	429730	5413623	0.10628	382	382	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	429730	5413823	0.09808	385.87	385.87	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	429730	5414023	0.09476	384.83	384.83	0	MONTH	WMRS	1ST	12/31/1999 24 hr
MINE	429930	5412623	0.12368	392	392	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	429930	5412823	0.11172	391	391	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	429930	5413023	0.11264	388.2	388.2	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	429930	5413223	0.1187	387.12	387.12	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	429930	5413423	0.10851	390	390	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	429930	5413623	0.10432	381.89	391	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	429930	5413823	0.09856	381.85	381.85	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	429930	5414023	0.09022	387	387	0	MONTH	WMRS	1ST	12/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	430130	5412623	0.12492	390	390	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	430130	5412823	0.11333	388	388	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	430130	5413023	0.10538	386	386	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	430130	5413223	0.11373	384.11	384.11	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	430130	5413423	0.11271	382.36	385	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	430130	5413623	0.10214	380	380	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	430130	5413823	0.09742	381.62	381.62	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	430130	5414023	0.09123	383	383	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	430330	5412623	0.12434	389	389	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	430330	5412823	0.11453	386	386	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	430330	5413023	0.10515	383	383	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	430330	5413223	0.10692	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	430330	5413423	0.11068	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	430330	5413623	0.10331	378	378	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	430330	5413823	0.09425	386.26	390	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	430330	5414023	0.08904	390.05	390.05	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	430530	5413423	0.10554	379	379	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	430530	5413623	0.10418	378	378	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	430530	5413823	0.09364	378.34	378.34	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	430530	5414023	0.08803	388.07	388.07	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	430730	5413423	0.09868	378.5	378.5	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	430730	5413623	0.10202	378	378	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	430730	5413823	0.09592	379	379	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	430730	5414023	0.08796	380	380	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	430930	5413423	0.09131	378	378	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	430930	5413623	0.09739	378	378	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	430930	5413823	0.09659	379.29	379.29	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	430930	5414023	0.08649	379	379	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	431130	5413423	0.08837	377	377	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	431130	5413623	0.09122	378	378	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	431130	5413823	0.09432	377.01	377.01	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	431130	5414023	0.08893	378	378	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	428330	5407423	0.15506	364	364	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	428330	5407223	0.15746	359.51	359.51	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	428330	5407023	0.15462	354.12	354.12	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	428330	5406823	0.14976	358	358	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	428330	5406623	0.14188	362	362	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	428330	5406423	0.13144	364.03	364.03	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	428330	5406223	0.13039	365.42	365.42	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	428330	5406023	0.12672	363.67	363.67	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	428330	5405823	0.1189	362	362	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	428330	5405623	0.12247	360.27	360.27	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428330	5405423	0.12626	362	362	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428330	5405223	0.12848	364.84	364.84	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428330	5405023	0.12597	367.47	367.47	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428330	5404823	0.1194	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428330	5404623	0.11371	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428330	5404423	0.11168	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428330	5404223	0.1137	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428330	5404023	0.1183	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428530	5407423	0.14744	363.26	363.26	0 MONTH	WMRS	1ST		2/28/1997 24 hr
MINE	428530	5407223	0.14621	355.62	355.62	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	428530	5407023	0.14774	360.01	360.01	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	428530	5406823	0.14493	361	361	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	428530	5406623	0.13859	362	362	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	428530	5406423	0.1301	364	364	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	428530	5406223	0.12114	363	363	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	428530	5406023	0.12072	361.72	361.72	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	428530	5405823	0.11611	360	360	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	428530	5405623	0.11104	361	361	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428530	5405423	0.11489	363	363	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428530	5405223	0.1195	365	365	0 MONTH	WMRS	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	428530	5405023	0.12134	367.36	367.36	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428530	5404823	0.1183	369	369	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428530	5404623	0.11194	370	370	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428530	5404423	0.10631	370	370	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428530	5404223	0.10399	370	370	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428530	5404023	0.10548	370	370	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428730	5407423	0.13975	363.37	363.37	0	MONTH	WMRS	1ST	2/28/1997 24 hr
MINE	428730	5407223	0.13598	353	353	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428730	5407023	0.13791	355.9	355.9	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428730	5406823	0.13845	361	361	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428730	5406623	0.1344	362	362	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428730	5406423	0.1277	362	362	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428730	5406223	0.11962	362	362	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428730	5406023	0.11336	360	360	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	428730	5405823	0.11235	360	360	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	428730	5405623	0.10917	361.18	361.18	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	428730	5405423	0.10369	363	363	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428730	5405223	0.10835	365	365	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428730	5405023	0.11313	367	367	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428730	5404823	0.11447	368	368	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428730	5404623	0.11133	369	369	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428730	5404423	0.10523	370	370	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428730	5404223	0.09969	370	370	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428730	5404023	0.09713	370	370	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428930	5407423	0.12992	361.48	361.48	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	428930	5407223	0.12676	354	354	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428930	5407023	0.12924	356	356	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428930	5406823	0.13098	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428930	5406623	0.12896	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428930	5406423	0.12428	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428930	5406223	0.11782	359.97	359.97	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428930	5406023	0.1102	359.25	359.25	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428930	5405823	0.10699	360	360	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	428930	5405623	0.10617	361.1	361.1	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	428930	5405423	0.10302	363	363	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	428930	5405223	0.09762	364	364	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428930	5405023	0.10255	365.92	365.92	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428930	5404823	0.10698	366.94	366.94	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428930	5404623	0.10808	368	368	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428930	5404423	0.10497	368.43	368.43	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428930	5404223	0.09938	369	369	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428930	5404023	0.09418	369	369	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	429130	5408823	0.15007	389	389	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	429130	5408623	0.16661	389	389	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	429130	5407423	0.12481	359.59	359.59	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	429130	5407223	0.12026	355	355	0	MONTH	WMRS	1ST	2/28/1997 24 hr
MINE	429130	5407023	0.12086	356.68	356.68	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	429130	5406823	0.12279	358	358	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	429130	5406623	0.12255	358	358	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	429130	5406423	0.12009	359	359	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	429130	5406223	0.11534	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	429130	5406023	0.10906	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	429130	5405823	0.10194	361	361	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	429130	5405623	0.10155	361	361	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	429130	5405423	0.10078	363	363	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	429130	5405223	0.09697	364	364	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	429130	5405023	0.09223	365	365	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	429130	5404823	0.09731	366	366	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	429130	5404623	0.10138	367	367	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	429130	5404423	0.10226	368	368	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	429130	5404223	0.09934	370	370	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	429130	5404023	0.09366	370	370	0	MONTH	WMRS	1ST	12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	429330	5408823	0.14933	384.78	384.78	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	429330	5408623	0.15753	385.38	385.38	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429330	5407423	0.12358	357.52	357.52	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	429330	5407223	0.11428	355	355	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	429330	5407023	0.11356	356	356	0 MONTH	WMRS	1ST		2/28/1997 24 hr
MINE	429330	5406823	0.11527	357	357	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429330	5406623	0.11638	358	358	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429330	5406423	0.11551	359.08	359.08	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429330	5406223	0.11214	359.33	359.33	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429330	5406023	0.1072	360	360	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429330	5405823	0.10121	361	361	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429330	5405623	0.09615	362	362	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	429330	5405423	0.09652	362	362	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	429330	5405223	0.09545	364.29	364.29	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	429330	5405023	0.09171	366.92	366.92	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	429330	5404823	0.08703	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	429330	5404623	0.09259	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	429330	5404423	0.09671	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	429330	5404223	0.09744	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	429330	5404023	0.0941	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	429530	5408423	0.16863	379.99	379.99	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429530	5408223	0.17336	377	377	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	429530	5408023	0.17018	372.71	372.71	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	429530	5407823	0.15317	365.16	365.16	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	429530	5407623	0.13485	359	359	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	429530	5407423	0.12159	356.81	356.81	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	429530	5407223	0.1113	355.91	355.91	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	429530	5407023	0.10846	357	357	0 MONTH	WMRS	1ST		2/28/1997 24 hr
MINE	429530	5406823	0.1081	357	357	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429530	5406623	0.11025	359	359	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429530	5406423	0.11226	368.52	368.52	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429530	5406223	0.10862	360	360	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429530	5406023	0.10477	360	360	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429530	5405823	0.09982	361	361	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429530	5405623	0.09427	362	362	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	429530	5405423	0.09185	363	363	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	429530	5405223	0.09254	365	365	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	429530	5405023	0.09074	367.24	367.24	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	429530	5404823	0.08652	369.21	369.21	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	429530	5404623	0.08256	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	429530	5404423	0.08832	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	429530	5404223	0.09223	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	429530	5404023	0.09231	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	429730	5408423	0.15787	378	378	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429730	5408223	0.166	374	374	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429730	5408023	0.16479	369.84	369.84	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	429730	5407823	0.15029	361.19	361.19	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	429730	5407623	0.13389	358	358	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	429730	5407423	0.12002	356.37	356.37	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	429730	5407223	0.10904	356	356	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	429730	5407023	0.10264	357	357	0 MONTH	WMRS	1ST		2/28/1997 24 hr
MINE	429730	5406823	0.10312	358	358	0 MONTH	WMRS	1ST		2/28/1997 24 hr
MINE	429730	5406623	0.1037	359	359	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429730	5406423	0.10672	367.04	367.04	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429730	5406223	0.10564	366.11	366.11	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429730	5406023	0.10226	364	364	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429730	5405823	0.09792	364	364	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429730	5405623	0.09368	364	364	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	429730	5405423	0.08973	365	365	0 MONTH	WMRS	1ST		10/31/1999 24 hr
MINE	429730	5405223	0.08849	367	367	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	429730	5405023	0.08842	368	368	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	429730	5404823	0.08608	370	370	0 MONTH	WMRS	1ST		4/30/1996 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	429730	5404623	0.08155	370	370	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	429730	5404423	0.07901	369.39	369.39	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	429730	5404223	0.08429	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	429730	5404023	0.08768	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	429930	5408423	0.14812	373.35	373.35	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429930	5408223	0.15712	369.56	369.56	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429930	5408023	0.15749	363.02	363.02	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	429930	5407823	0.14693	359.29	359.29	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	429930	5407623	0.13259	358	358	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	429930	5407423	0.11824	358.49	358.49	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	429930	5407223	0.10734	356.39	356.39	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	429930	5407023	0.09989	358	358	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	429930	5406823	0.09961	359	359	0 MONTH	WMRS	1ST		2/28/1997 24 hr
MINE	429930	5406623	0.09825	360.58	360.58	0 MONTH	WMRS	1ST		2/28/1997 24 hr
MINE	429930	5406423	0.10028	363.04	363.04	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429930	5406223	0.10132	365.79	365.79	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429930	5406023	0.09948	367.78	367.78	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429930	5405823	0.09563	368	368	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429930	5405623	0.09138	366.29	366.29	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	429930	5405423	0.08867	366	366	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	429930	5405223	0.08571	368	368	0 MONTH	WMRS	1ST		10/31/1999 24 hr
MINE	429930	5405023	0.08481	369	369	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	429930	5404823	0.08424	370	370	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	429930	5404623	0.08134	370	370	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	429930	5404423	0.07682	368.53	368.53	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	429930	5404223	0.0758	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	429930	5404023	0.0806	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	430130	5408423	0.13818	371.22	371.22	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	430130	5408223	0.14798	366.78	366.78	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	430130	5408023	0.15075	361	361	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	430130	5407823	0.14374	359	359	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	430130	5407623	0.13183	360.53	360.53	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	430130	5407423	0.11714	360	360	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	430130	5407223	0.10607	357	357	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	430130	5407023	0.0967	358	358	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	430130	5406823	0.09459	359	359	0 MONTH	WMRS	1ST		2/28/1997 24 hr
MINE	430130	5406623	0.09694	363.41	363.41	0 MONTH	WMRS	1ST		2/28/1997 24 hr
MINE	430130	5406423	0.09469	369.41	369.41	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	430130	5406223	0.09675	368.17	368.17	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	430130	5406023	0.09632	369.69	369.69	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	430130	5405823	0.0934	370.01	370.01	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	430130	5405623	0.08952	368	368	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	430130	5405423	0.08653	367	367	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	430130	5405223	0.08379	368	368	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	430130	5405023	0.08124	369	369	0 MONTH	WMRS	1ST		10/31/1999 24 hr
MINE	430130	5404823	0.08098	369	369	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	430130	5404623	0.07974	368.37	368.37	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	430130	5404423	0.0766	367	367	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	430130	5404223	0.07246	367.03	367.03	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	430130	5404023	0.07253	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	430330	5407423	0.1167	360.24	360.24	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	430330	5407223	0.1051	357	357	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	430330	5407023	0.09374	359.95	359.95	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	430330	5406823	0.09169	362.08	362.08	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	430330	5406623	0.09508	368.6	381	0 MONTH	WMRS	1ST		2/28/1997 24 hr
MINE	430330	5406423	0.09286	380	380	0 MONTH	WMRS	1ST		8/31/1998 24 hr
MINE	430330	5406223	0.09147	374.6	374.6	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	430330	5406023	0.0926	374.95	374.95	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	430330	5405823	0.091	371.15	371.15	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	430330	5405623	0.08766	369.53	369.53	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	430330	5405423	0.08395	368	368	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	430330	5405223	0.08221	368	368	0 MONTH	WMRS	1ST		1/31/1996 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	430330	5405023	0.07922	367.42	367.42	0	MONTH	WMRS	1ST	10/31/1999 24 hr
MINE	430330	5404823	0.07654	367	367	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	430330	5404623	0.07679	366.1	366.1	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	430330	5404423	0.07536	366	366	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	430330	5404223	0.07258	367	367	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	430330	5404023	0.06873	369	369	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	430530	5410023	0.13582	381	381	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	430530	5409823	0.14082	381	381	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	430530	5409623	0.12806	380	380	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	430530	5409423	0.1098	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
MINE	430530	5409223	0.12099	381	381	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	430530	5409023	0.12958	381	381	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	430530	5408823	0.12615	379.88	379.88	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	430530	5408623	0.11546	377.39	377.39	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	430530	5407423	0.11627	360.46	360.46	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	430530	5407223	0.10315	360.86	360.86	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	430530	5407023	0.09266	360	360	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	430530	5406823	0.08997	367.66	367.66	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	430530	5406623	0.09141	374	374	0	MONTH	WMRS	1ST	2/28/1997 24 hr
MINE	430530	5406423	0.09074	379	379	0	MONTH	WMRS	1ST	2/28/1997 24 hr
MINE	430530	5406223	0.08665	378.54	378.54	0	MONTH	WMRS	1ST	8/31/1998 24 hr
MINE	430530	5406023	0.08824	374	374	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	430530	5405823	0.08812	371	371	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	430530	5405623	0.08578	369	369	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	430530	5405423	0.08244	368	368	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	430530	5405223	0.07936	367	367	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	430530	5405023	0.07774	367	367	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	430530	5404823	0.07484	366	366	0	MONTH	WMRS	1ST	10/31/1999 24 hr
MINE	430530	5404623	0.07315	365	365	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	430530	5404423	0.0731	365	365	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	430530	5404223	0.07148	365	365	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	430530	5404023	0.06867	365.54	365.54	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	430730	5410023	0.13054	381	381	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	430730	5409823	0.13564	380	380	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	430730	5409623	0.12365	380	380	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	430730	5409423	0.10521	380.15	380.15	0	MONTH	WMRS	1ST	12/31/1999 24 hr
MINE	430730	5409223	0.11524	377.17	377.17	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	430730	5409023	0.12418	376.24	376.24	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	430730	5408823	0.12246	374.94	374.94	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	430730	5408623	0.11366	368.41	368.41	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	430730	5407423	0.11601	362	362	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	430730	5407223	0.10267	364.94	364.94	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	430730	5407023	0.09016	365.1	365.1	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	430730	5406823	0.0866	367.59	367.59	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	430730	5406623	0.08592	372.09	372.09	0	MONTH	WMRS	1ST	2/28/1997 24 hr
MINE	430730	5406423	0.08813	376.42	376.42	0	MONTH	WMRS	1ST	2/28/1997 24 hr
MINE	430730	5406223	0.08495	374.16	374.16	0	MONTH	WMRS	1ST	2/28/1997 24 hr
MINE	430730	5406023	0.0835	370.1	370.1	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	430730	5405823	0.08453	369	369	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	430730	5405623	0.08351	369.06	369.06	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	430730	5405423	0.08079	370	370	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	430730	5405223	0.07746	369	369	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	430730	5405023	0.07571	367	367	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	430730	5404823	0.07339	366	366	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	430730	5404623	0.07056	364.57	364.57	0	MONTH	WMRS	1ST	10/31/1999 24 hr
MINE	430730	5404423	0.06996	364	364	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	430730	5404223	0.06927	363	363	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	430730	5404023	0.06755	363	363	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	430930	5410023	0.12559	381	381	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	430930	5409823	0.13046	380	380	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	430930	5409623	0.12001	378	378	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	430930	5409423	0.10196	377.07	377.07	0	MONTH	WMRS	1ST	12/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	430930	5409223	0.10939	375.17	375.17	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	430930	5409023	0.11822	371.64	371.64	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	430930	5408823	0.11759	369.01	369.01	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	430930	5408623	0.11046	369.88	369.88	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	430930	5407423	0.11527	362.07	362.07	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	430930	5407223	0.10311	365.99	365.99	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	430930	5407023	0.08941	369	369	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	430930	5406823	0.08298	371	371	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	430930	5406623	0.08264	373	373	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	430930	5406423	0.08424	374	374	0	MONTH	WMRS	1ST	2/28/1997 24 hr
MINE	430930	5406223	0.08339	372	372	0	MONTH	WMRS	1ST	2/28/1997 24 hr
MINE	430930	5406023	0.07864	370	370	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	430930	5405823	0.08068	370	370	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	430930	5405623	0.08086	370	370	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	430930	5405423	0.07909	370	370	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	430930	5405223	0.07617	369	369	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	430930	5405023	0.07318	367	367	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	430930	5404823	0.07192	365.31	365.31	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	430930	5404623	0.06929	364.67	364.67	0	MONTH	WMRS	1ST	10/31/1999 24 hr
MINE	430930	5404423	0.06669	364	364	0	MONTH	WMRS	1ST	10/31/1999 24 hr
MINE	430930	5404223	0.06686	363	363	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	430930	5404023	0.06619	363	363	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	431130	5410023	0.12093	381	381	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	431130	5409823	0.12535	381	381	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	431130	5409623	0.11551	380	380	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	431130	5409423	0.09704	380	380	0	MONTH	WMRS	1ST	12/31/1999 24 hr
MINE	431130	5409223	0.10364	375.38	375.38	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	431130	5409023	0.11275	370.75	370.75	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	431130	5408823	0.11371	371	371	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	431130	5408623	0.10739	370.5	370.5	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	431130	5408423	0.09913	367.74	367.74	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	431130	5408223	0.10928	361	361	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	431130	5408023	0.11817	359	359	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	431130	5407823	0.12288	360	360	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	431130	5407623	0.12136	361	361	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	431130	5407423	0.11424	362.31	362.31	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	431130	5407223	0.1035	366	366	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	431130	5407023	0.09008	369.7	369.7	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	431130	5406823	0.0792	371.55	371.55	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	431130	5406623	0.07962	373.87	373.87	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	431130	5406423	0.07967	374	374	0	MONTH	WMRS	1ST	2/28/1997 24 hr
MINE	431130	5406223	0.08109	373	373	0	MONTH	WMRS	1ST	2/28/1997 24 hr
MINE	431130	5406023	0.0783	373	373	0	MONTH	WMRS	1ST	2/28/1997 24 hr
MINE	431130	5405823	0.07649	371	371	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	431130	5405623	0.07768	370	370	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	431130	5405423	0.07703	370	370	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	431130	5405223	0.07478	369	369	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	431130	5405023	0.07198	367	367	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	431130	5404823	0.06973	365.41	365.41	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	431130	5404623	0.06834	364.78	364.78	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	431130	5404423	0.06585	364	364	0	MONTH	WMRS	1ST	10/31/1999 24 hr
MINE	431130	5404223	0.06416	364.5	364.5	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	431130	5404023	0.06465	365	365	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	428130	5406823	0.1543	355.87	355.87	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428130	5406623	0.14401	362	362	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	428130	5406423	0.13926	366	366	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	428130	5406223	0.13772	368	368	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	428130	5406023	0.12996	366	366	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	428130	5405823	0.13014	363	363	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428130	5405623	0.13471	362	362	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428130	5405423	0.13585	361	361	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428130	5405223	0.13439	364	364	0	MONTH	WMRS	1ST	12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	428130	5405023	0.12886	366.58	366.58	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428130	5404823	0.12262	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428130	5404623	0.12033	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428130	5404423	0.12294	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428130	5404223	0.12796	369.94	369.94	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428130	5404023	0.13269	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427930	5406823	0.15829	360.98	360.98	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	427930	5406623	0.14834	364.37	364.37	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	427930	5406423	0.14825	368.25	368.25	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	427930	5406223	0.1415	370	370	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	427930	5406023	0.13777	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427930	5405823	0.14465	365	365	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427930	5405623	0.14625	363	363	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427930	5405423	0.14389	361	361	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427930	5405223	0.14001	362	362	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427930	5405023	0.13523	364	364	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427930	5404823	0.13282	366	366	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427930	5404623	0.13436	367.96	367.96	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427930	5404423	0.13905	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427930	5404223	0.14289	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427930	5404023	0.14368	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427730	5406823	0.1599	361.08	361.08	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	427730	5406623	0.15964	367.72	367.72	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	427730	5406423	0.15372	372	372	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	427730	5406223	0.14579	372	372	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427730	5406023	0.15518	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427730	5405823	0.15808	366.74	366.74	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427730	5405623	0.15507	364	364	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427730	5405423	0.15121	361.35	361.35	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427730	5405223	0.14613	364	364	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427730	5405023	0.14621	363	363	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427730	5404823	0.14821	363	363	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427730	5404623	0.15108	364	364	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427730	5404423	0.1533	365	365	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427730	5404223	0.15215	365.12	365.12	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427730	5404023	0.14724	366	366	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427530	5406823	0.16855	359.92	359.92	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	427530	5406623	0.16548	364.84	364.84	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	427530	5406423	0.15563	373.47	373.47	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427530	5406223	0.16502	375.94	375.94	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427530	5406023	0.17062	371.26	371.26	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427530	5405823	0.16722	368.62	368.62	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427530	5405623	0.16289	362.99	362.99	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427530	5405423	0.15729	365.65	365.65	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427530	5405223	0.15468	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427530	5405023	0.15925	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427530	5404823	0.16396	366	366	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427530	5404623	0.16466	364.04	364.04	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427530	5404423	0.16143	364	364	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427530	5404223	0.15391	364	364	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427530	5404023	0.14338	365	365	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427330	5406823	0.17777	361	361	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	427330	5406623	0.17299	364.96	364.96	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427330	5406423	0.17697	376.75	378	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427330	5406223	0.18095	380.38	380.38	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427330	5406023	0.17953	374.15	374.15	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427330	5405823	0.17355	369.44	369.44	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427330	5405623	0.17444	362	362	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427330	5405423	0.17068	367	367	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427330	5405223	0.17332	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427330	5405023	0.17832	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427330	5404823	0.17904	368.53	368.53	0 MONTH	WMRS	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	427330	5404623	0.17338	367	367	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427330	5404423	0.16263	365.96	365.96	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427330	5404223	0.1484	364	364	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427330	5404023	0.13372	364.2	364.2	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427130	5406823	0.18743	366	366	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427130	5406623	0.1958	362.99	362.99	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427130	5406423	0.19987	368.17	383	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427130	5406223	0.19635	370.56	383	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427130	5406023	0.18959	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427130	5405823	0.18661	367	367	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427130	5405623	0.19031	362.76	362.76	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427130	5405423	0.19164	366	366	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427130	5405223	0.1944	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427130	5405023	0.19317	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427130	5404823	0.18478	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427130	5404623	0.17077	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427130	5404423	0.15394	367	367	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427130	5404223	0.13687	366	366	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427130	5404023	0.12141	365	365	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426930	5406823	0.21043	372	372	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426930	5406623	0.2177	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426930	5406423	0.21577	366.8	366.8	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426930	5406223	0.21102	364.35	364.35	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426930	5406023	0.20944	362.45	362.45	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426930	5405823	0.2097	362.28	362.28	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426930	5405623	0.21086	364	364	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426930	5405423	0.21146	366.06	366.06	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426930	5405223	0.20713	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426930	5405023	0.19552	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426930	5404823	0.17812	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426930	5404623	0.15835	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426930	5404423	0.1394	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426930	5404223	0.12312	367	367	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426930	5404023	0.11241	366	366	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	426730	5406823	0.2332	378.14	378.14	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426730	5406623	0.23152	376	376	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426730	5406423	0.22627	372.07	372.07	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426730	5406223	0.2245	369.83	369.83	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426730	5406023	0.22793	368.43	368.43	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426730	5405823	0.23192	367	367	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426730	5405623	0.23044	366	366	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426730	5405423	0.22157	366.11	366.11	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426730	5405223	0.20606	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426730	5405023	0.18499	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426730	5404823	0.16225	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426730	5404623	0.14153	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426730	5404423	0.12442	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426730	5404223	0.12199	369	369	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	426730	5404023	0.11506	367.9	367.9	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	426530	5406823	0.25	379.77	379.77	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426530	5406623	0.24071	379	379	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426530	5406423	0.24307	375	375	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426530	5406223	0.24846	374	374	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426530	5406023	0.25561	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426530	5405823	0.25146	367.06	367.06	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426530	5405623	0.23653	364.43	364.43	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426530	5405423	0.21535	363.02	367	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426530	5405223	0.1921	366	366	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426530	5405023	0.16732	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426530	5404823	0.14554	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426530	5404623	0.13455	370	370	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	426530	5404423	0.12841	370	370	0 MONTH	WMRS	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	426530	5404223	0.11763	370	370	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	426530	5404023	0.10418	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426330	5406823	0.26921	378.56	378.56	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426330	5406623	0.26278	380	380	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426330	5406423	0.27021	379.16	379.16	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426330	5406223	0.27228	381	381	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426330	5406023	0.27146	376.97	376.97	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426330	5405823	0.25444	368.97	368.97	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426330	5405623	0.22737	365.1	365.1	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426330	5405423	0.19993	363.9	363.9	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426330	5405223	0.1729	367	367	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426330	5405023	0.14981	369.59	369.59	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426330	5404823	0.14269	370	370	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	426330	5404623	0.13131	370	370	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	426330	5404423	0.11706	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426330	5404223	0.11347	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426330	5404023	0.11149	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426130	5406823	0.30599	376	376	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426130	5406623	0.30408	379	379	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426130	5406423	0.29383	384.35	384.35	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426130	5406223	0.26903	389.82	389.82	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426130	5406023	0.24915	388.21	388.21	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426130	5405823	0.23359	375.83	375.83	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426130	5405623	0.20514	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426130	5405423	0.18318	362.56	362.56	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426130	5405223	0.16033	365.07	365.07	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426130	5405023	0.14707	369	369	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	426130	5404823	0.13345	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426130	5404623	0.12894	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426130	5404423	0.12571	369.61	369.61	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426130	5404223	0.1236	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426130	5404023	0.12158	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425930	5406823	0.34921	376.11	376.11	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425930	5406623	0.33349	380.74	380.74	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425930	5406423	0.29311	388.32	388.32	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425930	5406223	0.25639	390	390	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425930	5406023	0.22077	389.54	389.54	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425930	5405823	0.20396	378.08	378.08	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425930	5405623	0.18389	371	371	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425930	5405423	0.16916	366.45	366.45	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425930	5405223	0.16062	362	362	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425930	5405023	0.14857	367.04	367.04	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425930	5404823	0.14271	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425930	5404623	0.13989	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425930	5404423	0.13669	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425930	5404223	0.133	371	371	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425930	5404023	0.12831	371	371	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425730	5406823	0.37892	375.55	375.55	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425730	5406623	0.33417	381	381	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425730	5406423	0.28111	384.88	384.88	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425730	5406223	0.23746	384.99	384.99	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425730	5406023	0.20825	381.24	381.24	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425730	5405823	0.18957	376.6	376.6	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	425730	5405623	0.1781	371.97	371.97	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425730	5405423	0.17162	367.58	367.58	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425730	5405223	0.16697	362.13	362.13	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425730	5405023	0.16023	364	364	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425730	5404823	0.15493	367	367	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425730	5404623	0.14933	367	367	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425730	5404423	0.14318	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425730	5404223	0.13573	371	371	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425730	5404023	0.12747	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	425530	5406823	0.37624	370.69	370.69	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425530	5406623	0.30827	378.99	378.99	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425530	5406423	0.25415	382	382	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425530	5406223	0.2218	380.76	380.76	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425530	5406023	0.20395	378.05	378.05	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425530	5405823	0.19518	374.49	374.49	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425530	5405623	0.19032	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425530	5405423	0.18447	366.22	366.22	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425530	5405223	0.17665	362.59	362.59	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425530	5405023	0.16846	363	363	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425530	5404823	0.1603	365	365	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425530	5404623	0.15118	368.32	368.32	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425530	5404423	0.14077	371	371	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425530	5404223	0.1303	371	371	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425530	5404023	0.12055	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425330	5406823	0.34457	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425330	5406623	0.28128	377.09	377.09	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425330	5406423	0.24117	381	381	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425330	5406223	0.22342	380.64	380.64	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425330	5406023	0.21977	375.01	375.01	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425330	5405823	0.21401	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425330	5405623	0.20475	367.24	367.24	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425330	5405423	0.19373	365	365	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425330	5405223	0.18128	362.47	362.47	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425330	5405023	0.16949	363.14	363.14	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425330	5404823	0.15747	366	366	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425330	5404623	0.1447	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425330	5404423	0.13278	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425330	5404223	0.12188	371	371	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425330	5404023	0.11343	369.76	369.76	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425130	5406823	0.32194	370.57	370.57	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425130	5406623	0.28289	374.5	374.5	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425130	5406423	0.25899	377.46	377.46	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425130	5406223	0.24524	377.73	377.73	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425130	5406023	0.23559	374.9	374.9	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425130	5405823	0.2236	371	371	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425130	5405623	0.2086	368.47	368.47	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425130	5405423	0.19303	365	365	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425130	5405223	0.17792	362.21	362.21	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425130	5405023	0.16387	362.28	362.28	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425130	5404823	0.15009	364.87	364.87	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425130	5404623	0.13753	367	367	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425130	5404423	0.12641	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425130	5404223	0.11731	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425130	5404023	0.11064	368.19	368.19	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424930	5406823	0.32813	370.72	370.72	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424930	5406623	0.30315	371.3	371.3	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424930	5406423	0.28098	372.48	372.48	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424930	5406223	0.26073	372	372	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424930	5406023	0.23989	371.65	371.65	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424930	5405823	0.22011	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424930	5405623	0.20148	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424930	5405423	0.18494	364.87	364.87	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424930	5405223	0.1705	361	361	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424930	5405023	0.15633	362	362	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424930	5404823	0.14381	363	363	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424930	5404623	0.1329	364.04	364.04	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424930	5404423	0.12312	367	367	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424930	5404223	0.11472	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424930	5404023	0.10787	368.43	368.43	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424730	5406823	0.34482	367.06	367.06	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424730	5406623	0.31369	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	424730	5406423	0.28408	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424730	5406223	0.25598	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424730	5406023	0.23094	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424730	5405823	0.20779	371	371	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424730	5405623	0.18998	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424730	5405423	0.17585	362.83	362.83	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424730	5405223	0.16114	361.94	361.94	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424730	5405023	0.14746	365.18	365.18	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424730	5404823	0.13625	364.16	364.16	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424730	5404623	0.12607	362	362	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424730	5404423	0.11678	363	363	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424730	5404223	0.10842	365.05	365.05	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424730	5404023	0.10057	363.31	363.31	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424530	5406823	0.34326	366	366	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424530	5406623	0.30358	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424530	5406423	0.26946	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424530	5406223	0.2401	370.58	370.58	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424530	5406023	0.21684	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424530	5405823	0.19506	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424530	5405623	0.17767	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424530	5405423	0.16394	362	362	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424530	5405223	0.14933	363.99	363.99	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424530	5405023	0.13551	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424530	5404823	0.12481	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424530	5404623	0.11784	364	364	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424530	5404423	0.11269	361	361	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424530	5404223	0.10758	361	361	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424530	5404023	0.10254	362.65	362.65	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424330	5406823	0.32139	366	366	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424330	5406623	0.27942	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424330	5406423	0.24147	373.3	373.3	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424330	5406223	0.21288	375.04	375.04	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424330	5406023	0.19621	370.43	370.43	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424330	5405823	0.17905	367	367	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424330	5405623	0.16524	364.98	364.98	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424330	5405423	0.15657	362	362	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424330	5405223	0.14818	361.43	361.43	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424330	5405023	0.13765	370	370	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424330	5404823	0.13206	365.68	365.68	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424330	5404623	0.1261	364	364	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424330	5404423	0.12114	361	361	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424330	5404223	0.11582	361	361	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424330	5404023	0.11015	364.03	364.03	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424130	5406823	0.28713	366	366	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424130	5406623	0.24907	368.78	368.78	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424130	5406423	0.23142	369	369	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424130	5406223	0.20158	379.95	379.95	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424130	5406023	0.1976	373.17	373.17	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424130	5405823	0.1875	370	370	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424130	5405623	0.1786	365.04	365.04	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424130	5405423	0.17002	361	361	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424130	5405223	0.1611	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424130	5405023	0.15237	360.37	360.37	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424130	5404823	0.14487	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424130	5404623	0.13734	361	361	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424130	5404423	0.13143	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424130	5404223	0.12508	361	361	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424130	5404023	0.11967	361	361	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423930	5406823	0.29962	367	367	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423930	5406623	0.27706	365	365	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423930	5406423	0.25258	368	368	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423930	5406223	0.23286	369	369	0 MONTH	WMRS	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	423930	5406023	0.21783	367.58	367.58	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423930	5405823	0.20221	369	369	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423930	5405623	0.19217	364.92	364.92	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423930	5405423	0.1842	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423930	5405223	0.17451	359	359	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423930	5405023	0.16478	359	359	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423930	5404823	0.15593	359	359	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423930	5404623	0.14784	359	359	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423930	5404423	0.13955	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423930	5404223	0.13209	361	361	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423930	5404023	0.12627	360.25	360.25	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423730	5406823	0.32803	366.62	366.62	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423730	5406623	0.30499	363.02	363.02	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423730	5406423	0.27552	366	366	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423730	5406223	0.25488	365.16	365.16	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423730	5406023	0.23849	363	363	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423730	5405823	0.22076	363.58	363.58	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423730	5405623	0.20338	366	366	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423730	5405423	0.19376	362.01	362.01	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423730	5405223	0.18432	359.54	359.54	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423730	5405023	0.17559	358	358	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423730	5404823	0.16529	358	358	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423730	5404623	0.15435	359	359	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423730	5404423	0.14586	359	359	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423730	5404223	0.13805	359.01	359.01	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423730	5404023	0.13089	359	359	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423530	5406823	0.37981	362	362	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423530	5406623	0.34533	361	361	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423530	5406423	0.31039	363	363	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423530	5406223	0.28529	362	362	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423530	5406023	0.26517	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423530	5405823	0.24444	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423530	5405623	0.22199	363	363	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423530	5405423	0.20728	362	362	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423530	5405223	0.19549	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423530	5405023	0.18472	358.61	358.61	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423530	5404823	0.17414	358	358	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423530	5404623	0.16346	358	358	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423530	5404423	0.15378	358	358	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423530	5404223	0.14497	358	358	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423530	5404023	0.13546	359	359	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423330	5406823	0.44415	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423330	5406623	0.39896	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423330	5406423	0.36047	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423330	5406223	0.32741	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423330	5406023	0.30002	359	359	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423330	5405823	0.27281	361	361	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423330	5405623	0.25003	362	362	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423330	5405423	0.23273	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423330	5405223	0.21679	359	359	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423330	5405023	0.20291	358	358	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423330	5404823	0.19019	357	357	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423330	5404623	0.17789	357	357	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423330	5404423	0.16588	358	358	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423330	5404223	0.15584	358	358	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423330	5404023	0.14554	359	359	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423130	5406823	0.50173	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423130	5406623	0.45138	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423130	5406423	0.40824	360.01	360.01	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423130	5406223	0.37127	361	361	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423130	5406023	0.33858	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423130	5405823	0.31002	359	359	0	MONTH	WMRS	1ST	12/31/2000 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	423130	5405623	0.28513	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423130	5405423	0.2631	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423130	5405223	0.24353	358.92	358.92	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423130	5405023	0.22624	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423130	5404823	0.21087	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423130	5404623	0.19686	356.6	356.6	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423130	5404423	0.1843	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423130	5404223	0.17286	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423130	5404023	0.16211	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422930	5406823	0.53026	358.91	358.91	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422930	5406623	0.47959	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422930	5406423	0.43602	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422930	5406223	0.3994	359.95	359.95	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422930	5406023	0.3629	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422930	5405823	0.33395	356.99	356.99	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422930	5405623	0.30822	356.48	356.48	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422930	5405423	0.28555	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422930	5405223	0.26564	357.84	357.84	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422930	5405023	0.24689	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422930	5404823	0.2304	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422930	5404623	0.21534	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422930	5404423	0.20181	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422930	5404223	0.18947	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422930	5404023	0.17832	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422730	5406023	0.37094	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422730	5405823	0.34408	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422730	5405623	0.31756	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422730	5405423	0.29459	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422730	5405223	0.27506	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422730	5405023	0.25801	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422730	5404823	0.24113	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422730	5404623	0.2263	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422730	5404423	0.21275	355	355	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422730	5404223	0.2005	355.15	355.15	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422730	5404023	0.18941	356.86	356.86	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422530	5406023	0.36254	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422530	5405823	0.33631	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422530	5405623	0.31326	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422530	5405423	0.29195	355.46	355.46	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422530	5405223	0.27382	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422530	5405023	0.25765	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422530	5404823	0.24162	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422530	5404623	0.22752	355	355	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422530	5404423	0.21494	355	355	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422530	5404223	0.20352	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422530	5404023	0.19299	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422330	5406423	0.41262	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422330	5406223	0.38133	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422330	5406023	0.35305	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422330	5405823	0.32754	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422330	5405623	0.30559	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422330	5405423	0.28551	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422330	5405223	0.26716	355.29	355.29	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422330	5405023	0.25006	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422330	5404823	0.23656	357.44	357.44	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422330	5404623	0.22287	354	354	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422330	5404423	0.21111	355	355	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422330	5404223	0.20035	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422330	5404023	0.19048	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422130	5406423	0.38744	359.61	359.61	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422130	5406223	0.36438	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422130	5406023	0.34121	359.9	359.9	0 MONTH	WMRS	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	422130	5405823	0.31865	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422130	5405623	0.29849	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422130	5405423	0.27944	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422130	5405223	0.26136	354	354	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422130	5405023	0.24557	355	355	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422130	5404823	0.23112	355.29	355.29	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422130	5404623	0.21771	353.68	353.68	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422130	5404423	0.20592	354	354	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422130	5404223	0.19532	355	355	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422130	5404023	0.18568	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421930	5405223	0.25566	354	354	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421930	5405023	0.24069	353	353	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421930	5404823	0.22692	353.17	353.17	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421930	5404623	0.21405	353	353	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421930	5404423	0.20225	353.07	353.07	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421930	5404223	0.1917	354.71	354.71	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421930	5404023	0.18197	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421730	5404823	0.22166	352	352	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421730	5404623	0.21027	352	352	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421730	5404423	0.19967	354	354	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421730	5404223	0.18954	355.94	355.94	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421730	5404023	0.17979	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421530	5404823	0.2116	351	351	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421530	5404623	0.20331	352	352	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421530	5404423	0.19527	356.94	356.94	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421530	5404223	0.18611	358.73	358.73	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421530	5404023	0.17732	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421330	5404823	0.19562	351	351	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421330	5404623	0.19109	353.8	353.8	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421330	5404423	0.18686	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421330	5404223	0.18034	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421330	5404023	0.17324	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421130	5404823	0.17587	350	350	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421130	5404623	0.17372	353	353	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421130	5404423	0.17124	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421130	5404223	0.16826	359.03	359.03	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421130	5404023	0.16472	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420930	5405223	0.16913	351	351	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420930	5405023	0.16238	350	350	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420930	5404823	0.15806	350	350	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420930	5404623	0.15545	351.04	351.04	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420930	5404423	0.15389	353.96	353.96	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420930	5404223	0.15235	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420930	5404023	0.15046	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420730	5405223	0.16453	354	354	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420730	5405023	0.15437	352	352	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420730	5404823	0.14662	350	350	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420730	5404623	0.14149	350	350	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420730	5404423	0.13856	352.66	352.66	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420730	5404223	0.13686	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420730	5404023	0.13393	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420530	5405623	0.18691	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420530	5405423	0.17615	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420530	5405223	0.16456	356.61	356.61	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420530	5405023	0.1527	352	352	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420530	5404823	0.14251	350	350	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420530	5404623	0.13435	349	349	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420530	5404423	0.12854	350	350	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420530	5404223	0.125	355	355	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420530	5404023	0.11898	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420330	5405623	0.17849	355.24	355.24	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420330	5405423	0.17327	359.97	359.97	0 MONTH	WMRS	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	420330	5405223	0.16372	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420330	5405023	0.15337	353.11	353.11	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420330	5404823	0.14281	350	350	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420330	5404623	0.1332	349	349	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420330	5404423	0.12514	350.05	350.05	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420330	5404223	0.11902	354.68	354.68	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420330	5404023	0.10998	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420130	5406823	0.21157	346	346	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	420130	5406623	0.20322	347	347	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	420130	5406423	0.19874	349	349	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	420130	5406223	0.19632	350	350	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	420130	5405623	0.17891	357.36	357.36	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	420130	5405423	0.16525	358	358	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	420130	5405223	0.15862	355.32	355.32	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420130	5405023	0.15155	352	352	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420130	5404823	0.14306	349.1	349.1	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420130	5404623	0.13434	349	349	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420130	5404423	0.12563	349	349	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420130	5404223	0.11791	351.8	351.8	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420130	5404023	0.11126	355	355	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422930	5407823	0.97407	364.52	367	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422930	5408023	1.12991	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422930	5408223	1.31608	356.42	356.42	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422930	5408423	1.54686	354.99	354.99	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422730	5407023	0.58491	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422730	5407223	0.64857	363	363	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422730	5407423	0.71773	366.78	366.78	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422730	5407623	0.81305	360.44	360.44	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422730	5407823	0.91327	358.92	358.92	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422730	5408023	1.03183	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422730	5408223	1.17206	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422730	5408423	1.34028	354	354	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422530	5407023	0.5595	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422530	5407223	0.61267	359.17	359.17	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422530	5407423	0.66563	363.71	363.71	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422530	5407623	0.73287	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422530	5407823	0.81005	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422530	5408023	0.9009	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422530	5408223	1.00558	355.64	355.64	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422530	5408423	1.12444	354.8	354.8	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422330	5407023	0.51666	357.42	357.42	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422330	5407223	0.55325	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422330	5407423	0.59053	361	361	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422330	5407623	0.64211	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422330	5407823	0.70495	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422330	5408023	0.77805	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422330	5408223	0.85273	354	354	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422330	5408423	0.92099	352.76	352.76	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422330	5414423	0.24956	380.97	380.97	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	422330	5414623	0.22843	382	382	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	422330	5414823	0.20995	383	383	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	422330	5415023	0.19079	387	387	0 MONTH	WMRS	1ST		8/31/1996 24 hr
MINE	422130	5407023	0.45986	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422130	5407223	0.48486	358.98	358.98	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422130	5407423	0.51756	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422130	5407623	0.56616	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422130	5407823	0.62403	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422130	5408023	0.68036	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422130	5408223	0.72143	354	354	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422130	5408423	0.83083	352	352	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	422130	5414423	0.24386	388.19	388.19	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	422130	5414623	0.2437	380	380	0 MONTH	WMRS	1ST		2/28/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	422130	5414823	0.22516	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
MINE	422130	5415023	0.19905	385.88	385.88	0	MONTH	WMRS	1ST	2/28/1998 24 hr
MINE	421930	5407023	0.40746	356.18	356.18	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	421930	5407223	0.43372	358.81	358.81	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	421930	5407423	0.47026	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	421930	5407623	0.51571	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	421930	5407823	0.55821	358	358	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	421930	5408023	0.59868	356	356	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	421930	5408223	0.68351	353.02	353.02	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	421930	5408423	0.76045	351	351	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	421930	5414423	0.26246	385.74	385.74	0	MONTH	WMRS	1ST	2/28/1998 24 hr
MINE	421930	5414623	0.25704	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
MINE	421930	5414823	0.23608	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
MINE	421930	5415023	0.21441	382.79	382.79	0	MONTH	WMRS	1ST	2/28/1998 24 hr
MINE	421730	5407023	0.37533	357.06	357.06	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	421730	5407223	0.40419	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	421730	5407423	0.44015	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	421730	5407623	0.46822	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	421730	5407823	0.51479	357.39	357.39	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	421730	5408023	0.5729	354.66	354.66	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	421730	5408223	0.62439	353	353	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	421730	5408423	0.67553	351	351	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	421730	5414423	0.27351	382.01	382.01	0	MONTH	WMRS	1ST	2/28/1998 24 hr
MINE	421730	5414623	0.26262	379.16	379.16	0	MONTH	WMRS	1ST	2/28/1998 24 hr
MINE	421730	5414823	0.24599	378.8	378.8	0	MONTH	WMRS	1ST	2/28/1998 24 hr
MINE	421730	5415023	0.22602	381	381	0	MONTH	WMRS	1ST	2/28/1998 24 hr
MINE	421530	5407023	0.35567	357	357	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	421530	5407223	0.38104	359.79	359.79	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	421530	5407423	0.39929	360	360	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	421530	5407623	0.44808	360	360	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	421530	5407823	0.48699	356.51	356.51	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	421530	5408023	0.52007	352.98	352.98	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	421530	5408223	0.55575	350.7	350.7	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	421530	5408423	0.5991	349	349	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	421530	5414423	0.24089	388.41	388.41	0	MONTH	WMRS	1ST	2/28/1998 24 hr
MINE	421530	5414623	0.25319	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
MINE	421530	5414823	0.24604	377.68	377.68	0	MONTH	WMRS	1ST	2/28/1998 24 hr
MINE	421530	5415023	0.23073	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
MINE	421330	5407023	0.33072	354.93	354.93	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	421330	5407223	0.3549	356	356	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	421330	5407423	0.38989	356	356	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	421330	5407623	0.41708	355.08	355.08	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	421330	5407823	0.44067	353	353	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	421330	5408023	0.46614	350	350	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	421330	5408223	0.49845	348.2	348.2	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	421330	5408423	0.53752	347	347	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	421330	5408623	0.61426	345	345	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	421330	5414423	0.21513	382.81	382.81	0	MONTH	WMRS	1ST	2/28/1998 24 hr
MINE	421330	5414623	0.22652	379.05	379.05	0	MONTH	WMRS	1ST	2/28/1998 24 hr
MINE	421330	5414823	0.2289	377	377	0	MONTH	WMRS	1ST	2/28/1998 24 hr
MINE	421330	5415023	0.22172	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
MINE	421130	5407823	0.39723	349	349	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	421130	5408023	0.42395	348.68	348.68	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	421130	5408223	0.45336	347	347	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	421130	5408423	0.49211	345	345	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	421130	5408623	0.59547	344	344	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	421130	5414423	0.18978	377	377	0	MONTH	WMRS	1ST	12/31/1999 24 hr
MINE	421130	5414623	0.18444	376	376	0	MONTH	WMRS	1ST	2/28/1998 24 hr
MINE	421130	5414823	0.19064	380	380	0	MONTH	WMRS	1ST	2/28/1998 24 hr
MINE	421130	5415023	0.19729	379	379	0	MONTH	WMRS	1ST	2/28/1998 24 hr
MINE	420930	5407823	0.36449	347.66	347.66	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	420930	5408023	0.38822	346.67	346.67	0	MONTH	WMRS	1ST	1/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	420930	5408223	0.41415	345	345	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	420930	5408423	0.48615	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	420930	5408623	0.56557	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	420930	5414423	0.18357	375	375	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	420930	5414623	0.17355	376.68	376.68	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	420930	5414823	0.16179	381.83	381.83	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	420930	5415023	0.15509	383	383	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	420730	5407823	0.33664	346	346	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	420730	5408023	0.35768	345	345	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	420730	5408223	0.4006	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	420730	5408423	0.47364	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	420730	5408623	0.52779	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	420730	5413623	0.24433	378.28	378.28	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	420730	5413823	0.21063	380	380	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	420730	5414023	0.18799	380	380	0 MONTH	WMRS	1ST		12/31/1996 24 hr
MINE	420730	5414223	0.1813	377.28	377.28	0 MONTH	WMRS	1ST		3/31/1999 24 hr
MINE	420730	5414423	0.17563	375.08	375.08	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	420730	5414623	0.16614	379.56	379.56	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	420730	5414823	0.15485	384	384	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	420730	5415023	0.14725	383.98	383.98	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	420530	5408023	0.33369	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	420530	5408223	0.39756	342.9	342.9	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	420530	5408423	0.45336	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	420530	5408623	0.48911	345.49	345.49	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	420530	5408823	0.50855	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	420530	5409023	0.52828	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	420530	5409223	0.55343	350.3	350.3	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	420530	5409423	0.56369	353.94	353.94	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	420530	5413623	0.25	380	380	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	420530	5413823	0.22736	380.11	380.11	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	420530	5414023	0.20097	379	379	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	420530	5414223	0.17405	380	380	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	420530	5414423	0.16813	375.64	375.64	0 MONTH	WMRS	1ST		12/31/1996 24 hr
MINE	420530	5414623	0.15865	380.11	380.11	0 MONTH	WMRS	1ST		3/31/1999 24 hr
MINE	420530	5414823	0.15225	382	382	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	420530	5415023	0.14614	380.3	380.3	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	420330	5408823	0.45976	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	420330	5409023	0.47927	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	420330	5409223	0.50111	351	351	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	420330	5409423	0.50397	354	354	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	420330	5413623	0.23626	380	380	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	420330	5413823	0.23154	380	380	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	420330	5414023	0.21415	380	380	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	420330	5414223	0.19063	379.52	379.52	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	420330	5414423	0.17193	373.32	373.32	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	420330	5414623	0.15422	378.31	378.31	0 MONTH	WMRS	1ST		12/31/1996 24 hr
MINE	420330	5414823	0.14819	380	380	0 MONTH	WMRS	1ST		12/31/1996 24 hr
MINE	420330	5415023	0.14176	379.88	379.88	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	420130	5407023	0.22285	346	346	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	420130	5408823	0.41865	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	420130	5409023	0.43785	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	420130	5409223	0.45407	350.06	350.06	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	420130	5409423	0.45211	353	353	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	420130	5413623	0.20446	380	380	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	420130	5413823	0.2156	380	380	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	420130	5414023	0.21453	380	380	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	420130	5414223	0.20237	379	379	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	420130	5414423	0.185	374.12	374.12	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	420130	5414623	0.16418	373	373	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	420130	5414823	0.14376	374.98	374.98	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	420130	5415023	0.13923	375	375	0 MONTH	WMRS	1ST		12/31/1996 24 hr
MINE	420130	5415523	0.12506	379	379	0 MONTH	WMRS	1ST		12/31/1999 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	420130	5416023	0.10979	382	382	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	420130	5416523	0.10175	379.22	379.22	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	420130	5417023	0.10983	381.82	381.82	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	420630	5415523	0.13283	380	380	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	420630	5416023	0.1406	385	385	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	420630	5416523	0.12417	401.03	401.03	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	420630	5417023	0.12185	398.57	398.57	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	421130	5415523	0.18038	390	390	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	421130	5416023	0.15726	394.24	394.24	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	421130	5416523	0.13156	398	398	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	421130	5417023	0.11785	396.4	396.4	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	421630	5415523	0.19055	383	383	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	421630	5416023	0.15497	389.02	389.02	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	421630	5416523	0.11967	400	400	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	421630	5417023	0.10942	396.05	396.05	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	422130	5415523	0.16518	387.26	387.26	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	422130	5416023	0.14612	390	390	0 MONTH	WMRS	1ST		8/31/1996 24 hr
MINE	422130	5416523	0.12877	395.11	395.11	0 MONTH	WMRS	1ST		8/31/1996 24 hr
MINE	422130	5417023	0.11245	399.02	399.02	0 MONTH	WMRS	1ST		8/31/1996 24 hr
MINE	422630	5415523	0.15693	396.51	396.51	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	422630	5416023	0.14981	393.38	393.38	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	422630	5416523	0.11616	410	410	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	422630	5417023	0.11227	406.54	406.54	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	423130	5415523	0.19001	397.95	397.95	0 MONTH	WMRS	1ST		10/31/2000 24 hr
MINE	423130	5416023	0.16878	399	399	0 MONTH	WMRS	1ST		10/31/2000 24 hr
MINE	423130	5416523	0.15108	400	400	0 MONTH	WMRS	1ST		10/31/2000 24 hr
MINE	423130	5417023	0.12856	410	410	0 MONTH	WMRS	1ST		10/31/2000 24 hr
MINE	423630	5415523	0.20791	399.47	399.47	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	423630	5416023	0.20156	393.25	393.25	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	423630	5416523	0.17944	393	393	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	423630	5417023	0.16924	387	387	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	424130	5415523	0.19696	401	401	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	424130	5416023	0.2131	390.35	390.35	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	424130	5416523	0.20955	380	380	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	424130	5417023	0.19257	375.19	375.19	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	424630	5415523	0.16994	384.17	384.17	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	424630	5416023	0.15988	382.4	382.4	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	424630	5416523	0.15817	374	374	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	424630	5417023	0.14857	376.51	376.51	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	425130	5415523	0.16304	377	377	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	425130	5416023	0.14214	379.13	379.13	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	425130	5416523	0.12586	378	378	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	425130	5417023	0.11433	375	375	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	425630	5415523	0.20586	377	377	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	425630	5416023	0.16814	377	377	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	425630	5416523	0.13575	376.72	376.72	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	425630	5417023	0.1129	378.99	378.99	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	426130	5415523	0.20938	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	426130	5416023	0.18591	378	378	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	426130	5416523	0.16082	380	380	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	426130	5417023	0.13732	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	426630	5415523	0.18822	389	389	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	426630	5416023	0.17787	382	382	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	426630	5416523	0.16095	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	426630	5417023	0.14585	378	378	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	427130	5415523	0.17896	386	386	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	427130	5416023	0.16638	385.29	385.29	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	427130	5416523	0.15617	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	427130	5417023	0.1413	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	427630	5415523	0.17097	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	427630	5416023	0.15762	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	427630	5416523	0.14643	381	381	0 MONTH	WMRS	1ST		2/29/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	427630	5417023	0.1364	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	428130	5415523	0.13355	380	380	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	428130	5416023	0.14701	377	377	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	428130	5416523	0.13826	376	376	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	428130	5417023	0.12853	377	377	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	428630	5415523	0.10906	376	376	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	428630	5416023	0.11058	375	375	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	428630	5416523	0.12634	375	375	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	428630	5417023	0.12042	379	379	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	429130	5416023	0.09614	373	373	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	429130	5416523	0.09217	373	373	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	429130	5417023	0.1088	374	374	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	429630	5416023	0.0875	377.96	377.96	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	429630	5416523	0.08539	372	372	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	429630	5417023	0.07844	372	372	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	430130	5416023	0.06235	388.36	400	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	430130	5416523	0.07825	378	411	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	430130	5417023	0.07681	373.81	373.81	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	430630	5416023	0.06062	375	375	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	430630	5416523	0.05624	385.95	411	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	430630	5417023	0.06966	391.87	391.87	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	431130	5416023	0.05469	378	378	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	431130	5416523	0.05164	392	392	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	431130	5417023	0.0498	387.63	402	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	431630	5415523	0.06246	379.96	379.96	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	431630	5416023	0.05397	389.07	389.07	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	431630	5416523	0.04964	376.44	376.44	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	431630	5417023	0.04601	392.08	392.08	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	432130	5415523	0.05844	381	381	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	432130	5416023	0.05523	380	380	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	432130	5416523	0.04655	393.08	393.08	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	432130	5417023	0.04535	373	400	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	432630	5415523	0.05303	407.92	409	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	432630	5416023	0.05126	389.44	421	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	432630	5416523	0.04933	377	377	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	432630	5417023	0.04275	381.97	381.97	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	433130	5415523	0.04933	408.19	408.19	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	433130	5416023	0.04562	420.05	431	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	433130	5416523	0.04623	388.33	440	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	433130	5417023	0.04412	373	373	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	431630	5415023	0.06484	376	376	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	431630	5414523	0.07308	379	379	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	431630	5414023	0.086	378.4	378.4	0 MONTH	WMRS	1ST		2/29/2000 24 hr
MINE	431630	5413523	0.0828	378	378	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	431630	5413023	0.10133	375	375	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	431630	5412023	0.10776	382	382	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	431630	5411523	0.10592	382	382	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	431630	5411023	0.09248	380	380	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	431630	5410023	0.10955	383.9	383.9	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	431630	5409523	0.09864	381	381	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	431630	5409023	0.0997	366.01	366.01	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	431630	5408523	0.09558	361	361	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	431630	5408023	0.10247	363	363	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	431630	5407523	0.11312	369	369	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	431630	5407023	0.09176	378.31	378.31	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	431630	5406523	0.07165	377	377	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	431630	5406023	0.07369	372.49	372.49	0 MONTH	WMRS	1ST		2/28/1997 24 hr
MINE	431630	5405523	0.06924	367	367	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	431630	5405023	0.0687	369	369	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	431630	5404523	0.06352	370.02	370.02	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	431630	5404023	0.06035	367	367	0 MONTH	WMRS	1ST		10/31/1999 24 hr
MINE	431630	5403523	0.05905	369.7	382	0 MONTH	WMRS	1ST		4/30/1996 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	431630	5403023	0.05383	365	365	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	431630	5402523	0.05412	360	360	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	431630	5402023	0.0556	358.21	358.21	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	432130	5415023	0.0638	380	380	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	432130	5414523	0.07601	381	381	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	432130	5414023	0.07345	376.05	376.05	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	432130	5413523	0.08315	376.44	376.44	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	432130	5413023	0.09361	378	378	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	432130	5412523	0.09339	374	374	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	432130	5412023	0.10041	376.57	376.57	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	432130	5411523	0.0948	375.96	375.96	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	432130	5411023	0.08496	373.18	373.18	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	432130	5410523	0.09825	370	370	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	432130	5410023	0.10132	370.42	370.42	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	432130	5409523	0.09277	371.86	371.86	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	432130	5409023	0.08972	371	371	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	432130	5408523	0.08914	362	362	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	432130	5408023	0.08801	370	370	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	432130	5407523	0.10381	372	372	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	432130	5407023	0.09358	376	376	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	432130	5406523	0.06702	373	373	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	432130	5406023	0.06475	369.31	369.31	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	432130	5405523	0.06461	369	369	0	MONTH	WMRS	1ST	2/28/1997 24 hr
MINE	432130	5405023	0.06416	375.42	375.42	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	432130	5404523	0.06156	376.61	376.61	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	432130	5404023	0.05772	375	377	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	432130	5403523	0.05392	366.89	366.89	0	MONTH	WMRS	1ST	10/31/1999 24 hr
MINE	432130	5403023	0.05316	368	368	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	432130	5402523	0.04751	359.64	359.64	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	432130	5402023	0.05085	373.53	373.53	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	432630	5415023	0.05659	401.58	401.58	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	432630	5414523	0.07241	388.61	398	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	432630	5414023	0.06634	378.54	378.54	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	432630	5413523	0.08219	379.82	379.82	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	432630	5413023	0.08395	380	380	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	432630	5412523	0.0858	378	378	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	432630	5412023	0.09203	380	380	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	432630	5411523	0.08401	378.87	378.87	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	432630	5411023	0.07565	379	379	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	432630	5410523	0.0927	375	375	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	432630	5410023	0.09347	372	372	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	432630	5409523	0.08642	374.92	374.92	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	432630	5409023	0.0801	368.66	368.66	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	432630	5408523	0.08439	369.05	369.05	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	432630	5408023	0.07621	370	370	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	432630	5407523	0.0937	370	370	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	432630	5407023	0.09195	372	372	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	432630	5406523	0.06888	377.4	377.4	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	432630	5406023	0.0598	378	378	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	432630	5405523	0.06201	374.78	374.78	0	MONTH	WMRS	1ST	2/28/1997 24 hr
MINE	432630	5405023	0.05763	379.88	379.88	0	MONTH	WMRS	1ST	8/31/1998 24 hr
MINE	432630	5404523	0.05703	390	390	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	432630	5404023	0.05499	376.66	376.66	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	432630	5403523	0.05163	368.08	368.08	0	MONTH	WMRS	1ST	10/31/1999 24 hr
MINE	432630	5403023	0.04899	365.22	365.22	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	432630	5402523	0.04734	362.08	362.08	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	432630	5402023	0.04358	372	372	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	433130	5415023	0.06209	404.73	404.73	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	433130	5414523	0.06184	381.51	381.51	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	433130	5414023	0.06724	374.67	374.67	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	433130	5413523	0.0786	376.92	376.92	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	433130	5413023	0.0756	380	380	0	MONTH	WMRS	1ST	12/31/1998 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	433130	5412523	0.08113	376.78	391	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	433130	5412023	0.08389	381.37	381.37	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	433130	5411523	0.07494	380	380	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	433130	5411023	0.06865	381.98	381.98	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	433130	5410523	0.08724	379	379	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	433130	5410023	0.08667	376.36	376.36	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	433130	5409523	0.08069	373.38	373.38	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	433130	5409023	0.07184	367	367	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	433130	5408523	0.0781	366	366	0 MONTH	WMRS	1ST		12/31/1998 24 hr
MINE	433130	5408023	0.06687	368	368	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	433130	5407523	0.08356	370	370	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	433130	5407023	0.08829	374.55	374.55	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	433130	5406523	0.07173	380	380	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	433130	5406023	0.05448	379	379	0 MONTH	WMRS	1ST		7/31/1998 24 hr
MINE	433130	5405523	0.05579	381.05	381.05	0 MONTH	WMRS	1ST		2/28/1997 24 hr
MINE	433130	5405023	0.05771	389	389	0 MONTH	WMRS	1ST		8/31/1998 24 hr
MINE	433130	5404523	0.05339	387.03	387.03	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	433130	5404023	0.05238	380.92	380.92	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	433130	5403523	0.04872	369	369	0 MONTH	WMRS	1ST		1/31/1996 24 hr
MINE	433130	5403023	0.04762	369.97	369.97	0 MONTH	WMRS	1ST		10/31/1999 24 hr
MINE	433130	5402523	0.04586	370	370	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	433130	5402023	0.04383	381	381	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	431130	5403523	0.0607	367	367	0 MONTH	WMRS	1ST		4/30/1996 24 hr
MINE	431130	5403023	0.05948	360.84	360.84	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	431130	5402523	0.06409	365.9	365.9	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	431130	5402023	0.0585	360	360	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	430630	5403523	0.0657	361	361	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	430630	5403023	0.07046	364	364	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	430630	5402523	0.06497	364.18	364.18	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	430630	5402023	0.06075	360	360	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	430130	5403523	0.07974	367	367	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	430130	5403023	0.07244	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	430130	5402523	0.06575	365.58	365.58	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	430130	5402023	0.0701	360	360	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	429630	5403523	0.08191	370	370	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	429630	5403023	0.07378	368.94	368.94	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	429630	5402523	0.07931	366	366	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	429630	5402023	0.08528	362	362	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	429130	5403523	0.08571	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	429130	5403023	0.09307	367	367	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	429130	5402523	0.09866	364	364	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	429130	5402023	0.0934	364	364	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428630	5403523	0.11056	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428630	5403023	0.11472	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428630	5402523	0.10272	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428630	5402023	0.08236	366.82	366.82	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428130	5403523	0.13109	369	369	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428130	5403023	0.1098	370.46	370.46	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428130	5402523	0.08372	371	371	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	428130	5402023	0.07556	370	370	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	427630	5403523	0.11539	368	368	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427630	5403023	0.0876	371	371	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	427630	5402523	0.08723	375	375	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	427630	5402023	0.07051	375.58	375.58	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	427130	5403523	0.10354	368	368	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	427130	5403023	0.08762	372	372	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	427130	5402523	0.0732	375	375	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	427130	5402023	0.07341	378	378	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426630	5403523	0.09614	366	366	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426630	5403023	0.09259	377.23	377.23	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426630	5402523	0.08971	379	379	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426630	5402023	0.08261	376	376	0 MONTH	WMRS	1ST		12/31/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	426130	5403523	0.11282	366.78	366.78	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426130	5403023	0.09488	389.9	389.9	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426130	5402523	0.08336	378.72	378.72	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	426130	5402023	0.06929	377	377	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425630	5403523	0.10315	368.19	368.19	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425630	5403023	0.08549	371	371	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425630	5402523	0.07194	378	378	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425630	5402023	0.06658	376	376	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425130	5403523	0.09581	368.04	368.04	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425130	5403023	0.08408	375	375	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425130	5402523	0.07368	377	377	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	425130	5402023	0.06221	384.6	384.6	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	424630	5403523	0.08786	369.33	369.33	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424630	5403023	0.07699	379.99	379.99	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424630	5402523	0.07194	380	380	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424630	5402023	0.06805	379	379	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424130	5403523	0.10633	365.91	365.91	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424130	5403023	0.09511	371	371	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424130	5402523	0.08357	381	381	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	424130	5402023	0.07709	378.03	378.03	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423630	5403523	0.11273	363.92	363.92	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423630	5403023	0.09551	375	375	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423630	5402523	0.08414	379	379	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423630	5402023	0.07641	377	377	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423130	5403523	0.13597	369	369	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423130	5403023	0.11536	376	376	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423130	5402523	0.09946	380	380	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	423130	5402023	0.08971	375	375	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422630	5403523	0.17405	371	371	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422630	5403023	0.15248	377	377	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422630	5402523	0.13533	373.78	373.78	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422630	5402023	0.12015	374	374	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422130	5403523	0.1646	361	361	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422130	5403023	0.14862	371	371	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422130	5402523	0.13593	370	370	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	422130	5402023	0.12461	371	371	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421630	5403523	0.15716	358.11	358.11	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421630	5403023	0.13528	366.93	366.93	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421630	5402523	0.12397	361	361	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421630	5402023	0.11126	367.71	367.71	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421130	5403523	0.15173	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421130	5403023	0.13694	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421130	5402523	0.12299	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	421130	5402023	0.10908	363.14	363.14	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420630	5403523	0.12605	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420630	5403023	0.12287	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420630	5402523	0.11683	357.89	357.89	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420630	5402023	0.10909	361	361	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420130	5403523	0.10022	354.46	354.46	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420130	5403023	0.09675	354	354	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420130	5402523	0.09631	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	420130	5402023	0.09621	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	419630	5403523	0.09766	353	353	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	419630	5403023	0.0845	354	354	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	419630	5402523	0.07752	354.37	354.37	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	419630	5402023	0.07577	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	419130	5403523	0.10059	360	360	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	419130	5403023	0.08815	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	419130	5402523	0.07536	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	419130	5402023	0.0666	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
MINE	418630	5403523	0.09933	348.98	348.98	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	418630	5403023	0.08685	356.06	356.06	0 MONTH	WMRS	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	418630	5402523	0.08253	370.29	380	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	418630	5402023	0.06958	359	359	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	418130	5403523	0.0924	347	347	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	418130	5403023	0.09204	360	360	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	418130	5402523	0.07827	358.42	358.42	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	418130	5402023	0.07133	352	352	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	419630	5404023	0.11381	352	352	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	419630	5404523	0.12645	350	350	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	419630	5405023	0.14624	349	349	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	419630	5405523	0.15635	354	354	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	419630	5406523	0.1751	349	349	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	419630	5407023	0.19513	347	347	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	419630	5408023	0.3044	342	342	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	419630	5408523	0.32366	346.05	346.05	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	419630	5409023	0.35615	348.11	348.11	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	419630	5409523	0.34269	351.75	351.75	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	419630	5410023	0.32786	356.29	356.29	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	419630	5410523	0.3278	359	359	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	419630	5411023	0.24245	357	357	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	419630	5413523	0.18931	378.38	378.38	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	419630	5414023	0.16193	370	370	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	419630	5414523	0.17926	376.31	376.31	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	419630	5415023	0.1541	378	378	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	419630	5415523	0.11181	385.5	385.5	0	MONTH	WMRS	1ST	12/31/1996 24 hr
MINE	419630	5416023	0.10429	390.01	390.01	0	MONTH	WMRS	1ST	12/31/1996 24 hr
MINE	419630	5416523	0.09581	384.1	384.1	0	MONTH	WMRS	1ST	12/31/1999 24 hr
MINE	419630	5417023	0.08696	376.55	376.55	0	MONTH	WMRS	1ST	12/31/1999 24 hr
MINE	419130	5404023	0.11069	357.06	357.06	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	419130	5404523	0.12602	353	353	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	419130	5405023	0.12685	347	347	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	419130	5405523	0.12822	352	352	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	419130	5406023	0.1412	349	349	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	419130	5406523	0.15651	348	348	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	419130	5407023	0.17205	346	346	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	419130	5407523	0.23247	343.96	343.96	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	419130	5408023	0.25716	341.37	341.37	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	419130	5408523	0.26843	345.22	345.22	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	419130	5409023	0.29499	347	347	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	419130	5409523	0.27325	349	349	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	419130	5410023	0.26215	350	350	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	419130	5410523	0.27492	351	351	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	419130	5411023	0.20043	355	355	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	419130	5413523	0.18616	371.92	371.92	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	419130	5414023	0.15548	375.47	375.47	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	419130	5414523	0.13273	379	379	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	419130	5415023	0.14743	381	381	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	419130	5415523	0.13752	380	380	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	419130	5416023	0.10336	384.29	384.29	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	419130	5416523	0.09379	378.15	378.15	0	MONTH	WMRS	1ST	12/31/1996 24 hr
MINE	419130	5417023	0.08528	370	370	0	MONTH	WMRS	1ST	12/31/1999 24 hr
MINE	418630	5404023	0.10757	348.76	351	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	418630	5404523	0.10522	345	345	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	418630	5405023	0.10505	343.8	343.8	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	418630	5405523	0.11676	351	351	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	418630	5406023	0.12806	343	343	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	418630	5406523	0.138	342	342	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	418630	5407023	0.17452	344	344	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	418630	5407523	0.21167	343	343	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	418630	5408023	0.21553	341	341	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	418630	5408523	0.22966	344	344	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	418630	5409023	0.24663	345	345	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	418630	5409523	0.22318	346	346	0	MONTH	WMRS	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	418630	5410023	0.21527	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	418630	5410523	0.23485	347.81	347.81	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	418630	5411023	0.17772	349	349	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	418630	5413523	0.1682	370	370	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	418630	5414023	0.15261	371.3	371.3	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	418630	5414523	0.12987	372.94	372.94	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	418630	5415023	0.1126	380	380	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	418630	5415523	0.1239	379.86	379.86	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	418630	5416023	0.12286	372.14	372.14	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	418630	5416523	0.1008	368	368	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	418630	5417023	0.07951	366	366	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	418130	5404023	0.0895	353.54	353.54	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	418130	5404523	0.08843	358.24	358.24	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	418130	5405023	0.09841	354	354	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	418130	5405523	0.10831	347.1	347.1	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	418130	5406023	0.11465	343	343	0 MONTH	WMRS	1ST		1/31/1999 24 hr
MINE	418130	5406523	0.13068	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	418130	5407023	0.17163	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	418130	5407523	0.18267	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	418130	5408023	0.18441	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	418130	5408523	0.20077	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	418130	5409023	0.20853	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	418130	5409523	0.18668	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	418130	5410023	0.18066	346	346	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	418130	5410523	0.20293	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	418130	5411023	0.16105	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	418130	5413523	0.14485	366.22	366.22	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	418130	5414023	0.14118	369.28	369.28	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	418130	5414523	0.12637	373.9	373.9	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	418130	5415023	0.10651	380	380	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	418130	5415523	0.09718	380	380	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	418130	5416023	0.10545	375.62	375.62	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	418130	5416523	0.10782	368.04	368.04	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	418130	5417023	0.09227	362	362	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	418130	5417857	0.06667	360	360	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	418130	5418690	0.05984	358.51	358.51	0 MONTH	WMRS	1ST		3/31/1999 24 hr
MINE	418130	5419523	0.05316	366.26	366.26	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	419102	5417857	0.07306	368.86	368.86	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	419102	5418690	0.0668	362.1	362.1	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	419102	5419523	0.07426	364	364	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	420074	5417857	0.10752	389.4	389.4	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	420074	5418690	0.10082	377	377	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	420074	5419523	0.08548	369	369	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	421047	5417857	0.09882	396.65	396.65	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	421047	5418690	0.0888	384.78	384.78	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	421047	5419523	0.07606	373	373	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	422019	5417857	0.0972	383.01	383.01	0 MONTH	WMRS	1ST		8/31/1996 24 hr
MINE	422019	5418690	0.08237	380	380	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	422019	5419523	0.07634	370.69	370.69	0 MONTH	WMRS	1ST		12/31/1999 24 hr
MINE	422991	5417857	0.12478	382.48	382.48	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	422991	5418690	0.10799	379.67	379.67	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	422991	5419523	0.09571	371.96	371.96	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	423963	5417857	0.16287	371	371	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	423963	5418690	0.13799	369	369	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	423963	5419523	0.11831	368	368	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	424936	5417857	0.11051	377.15	377.15	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	424936	5418690	0.1031	379	379	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	424936	5419523	0.09797	377.38	377.38	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	425908	5417857	0.0953	379.54	379.54	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	425908	5418690	0.08235	372	372	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	425908	5419523	0.06977	373	373	0 MONTH	WMRS	1ST		2/28/1998 24 hr
MINE	426880	5417857	0.12283	379	379	0 MONTH	WMRS	1ST		12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	426880	5418690	0.1023	381	381	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	426880	5419523	0.08152	370.81	370.81	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	427852	5417857	0.11726	378	378	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	427852	5418690	0.10269	374.7	374.7	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	427852	5419523	0.09106	364	364	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	428824	5417857	0.10441	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	428824	5418690	0.09585	379	379	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	428824	5419523	0.08646	375.16	375.16	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	429797	5417857	0.09184	371	371	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	429797	5418690	0.08745	373	373	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	429797	5419523	0.07992	371	371	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	430769	5417857	0.06339	368	368	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	430769	5418690	0.06833	370	370	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	430769	5419523	0.07438	370	370	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	431741	5417857	0.05045	396.6	401	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	431741	5418690	0.05639	377.21	390	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	431741	5419523	0.05023	366	366	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	432713	5417857	0.04013	373	373	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	432713	5418690	0.04272	376.07	376.07	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	432713	5419523	0.04676	400	400	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	433686	5417857	0.03613	374	374	0	MONTH	WMRS	1ST	12/31/1999 24 hr
MINE	433686	5418690	0.03348	390.86	400	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	433686	5419523	0.03345	392.42	392.42	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	434658	5417857	0.03167	406	423	0	MONTH	WMRS	1ST	12/31/1999 24 hr
MINE	434658	5418690	0.02981	386.63	390	0	MONTH	WMRS	1ST	12/31/1999 24 hr
MINE	434658	5419523	0.02921	388.54	416	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	435630	5417857	0.03399	382	404	0	MONTH	WMRS	1ST	12/31/1999 24 hr
MINE	435630	5418690	0.02991	391.41	391.41	0	MONTH	WMRS	1ST	12/31/1999 24 hr
MINE	435630	5419523	0.02646	383.74	401	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	433963	5417023	0.03563	408.27	408.27	0	MONTH	WMRS	1ST	12/31/1999 24 hr
MINE	433963	5416051	0.04103	418.31	418.31	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	433963	5415079	0.0581	383.67	383.67	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	433963	5414107	0.06529	377	377	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	433963	5413134	0.06295	389.48	391	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	433963	5412162	0.07301	383.25	383.25	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	433963	5411190	0.05831	387	387	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	433963	5410218	0.07868	381	381	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	433963	5409245	0.05981	372	372	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	433963	5408273	0.067	385.84	385.84	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	433963	5407301	0.07299	390.12	390.12	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	433963	5406329	0.06657	385	385	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	433963	5405357	0.04751	389	389	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	433963	5404384	0.04819	377	377	0	MONTH	WMRS	1ST	8/31/1998 24 hr
MINE	433963	5403412	0.04563	372	372	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	433963	5402440	0.04283	380	380	0	MONTH	WMRS	1ST	10/31/1999 24 hr
MINE	433963	5401468	0.03896	366	366	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	433963	5400495	0.03561	364.03	364.03	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	433963	5399523	0.0368	357	357	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	434797	5417023	0.03896	384.4	433	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	434797	5416051	0.04832	379.08	379.08	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	434797	5415079	0.04558	374.72	374.72	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	434797	5414107	0.06115	387	387	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	434797	5413134	0.05625	400.14	400.14	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	434797	5412162	0.06175	391	391	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	434797	5411190	0.0518	386	386	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	434797	5410218	0.06973	381	381	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	434797	5409245	0.05451	379.42	379.42	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	434797	5408273	0.0614	386.99	386.99	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	434797	5407301	0.05883	390	390	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	434797	5406329	0.06448	401	401	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	434797	5405357	0.04261	399	399	0	MONTH	WMRS	1ST	7/31/1998 24 hr
MINE	434797	5404384	0.04481	378	378	0	MONTH	WMRS	1ST	2/28/1997 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	434797	5403412	0.04185	373	373	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	434797	5402440	0.03795	369	369	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	434797	5401468	0.03594	370.44	370.44	0	MONTH	WMRS	1ST	10/31/1999 24 hr
MINE	434797	5400495	0.03286	361	361	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	434797	5399523	0.03249	359	359	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	435630	5417023	0.03677	385.87	385.87	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	435630	5416051	0.04868	384.39	386	0	MONTH	WMRS	1ST	2/29/2000 24 hr
MINE	435630	5415079	0.04204	403.66	403.66	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	435630	5414107	0.05043	396	396	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	435630	5413134	0.05629	385	385	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	435630	5412162	0.05392	386.78	386.78	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	435630	5411190	0.04686	385	385	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	435630	5410218	0.06108	390	390	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	435630	5409245	0.0501	382.49	382.49	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	435630	5408273	0.05616	381	381	0	MONTH	WMRS	1ST	12/31/1998 24 hr
MINE	435630	5407301	0.04957	386.5	386.5	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	435630	5406329	0.06263	391.74	391.74	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	435630	5405357	0.04004	389.76	389.76	0	MONTH	WMRS	1ST	1/31/1996 24 hr
MINE	435630	5404384	0.03924	377.77	377.77	0	MONTH	WMRS	1ST	2/28/1997 24 hr
MINE	435630	5403412	0.0376	375.14	375.14	0	MONTH	WMRS	1ST	8/31/1998 24 hr
MINE	435630	5402440	0.03588	368	368	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	435630	5401468	0.03325	364	364	0	MONTH	WMRS	1ST	10/31/1999 24 hr
MINE	435630	5400495	0.03104	360	360	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	435630	5399523	0.02803	358	358	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	433130	5401190	0.04139	364.77	364.77	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	433130	5400357	0.04254	360	360	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	433130	5399523	0.03686	360	360	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	432158	5401190	0.05118	373	373	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	432158	5400357	0.04444	358	358	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	432158	5399523	0.04603	357.13	357.13	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	431186	5401190	0.05035	365.75	365.75	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	431186	5400357	0.05772	355.6	355.6	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	431186	5399523	0.05804	357.06	357.06	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	430213	5401190	0.07261	353	353	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	430213	5400357	0.06739	360	360	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	430213	5399523	0.05202	355	355	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	429241	5401190	0.07154	360	360	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	429241	5400357	0.05178	358.56	358.56	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	429241	5399523	0.04779	359	359	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	428269	5401190	0.06647	370	370	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	428269	5400357	0.0478	365	365	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	428269	5399523	0.04762	361	361	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	427297	5401190	0.06824	375.45	375.45	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	427297	5400357	0.06007	363.85	363.85	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	427297	5399523	0.04962	361	361	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	426324	5401190	0.05768	371.9	371.9	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	426324	5400357	0.04822	368	368	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	426324	5399523	0.04321	366.05	366.05	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	425352	5401190	0.05586	376	376	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	425352	5400357	0.04536	371	371	0	MONTH	WMRS	1ST	3/31/1997 24 hr
MINE	425352	5399523	0.042	370	370	0	MONTH	WMRS	1ST	3/31/1997 24 hr
MINE	424380	5401190	0.0662	376.85	376.85	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	424380	5400357	0.05882	375.72	375.72	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	424380	5399523	0.05344	370	370	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423408	5401190	0.06564	379	379	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423408	5400357	0.05643	378	378	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	423408	5399523	0.05023	370	370	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	422436	5401190	0.10599	370	370	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	422436	5400357	0.08989	370.69	370.69	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	422436	5399523	0.07644	366	366	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	421463	5401190	0.09422	369.71	369.71	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	421463	5400357	0.08454	367.08	367.08	0	MONTH	WMRS	1ST	12/31/2000 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	421463	5399523	0.0762	361.8	361.8	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	420491	5401190	0.09342	363.64	363.64	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	420491	5400357	0.08079	360	360	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	420491	5399523	0.07144	357	357	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	419519	5401190	0.07261	358	358	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	419519	5400357	0.07432	364.89	364.89	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	419519	5399523	0.06818	357	357	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	418547	5401190	0.05256	363.19	363.19	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	418547	5400357	0.04427	365	365	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	418547	5399523	0.04931	357	357	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	417574	5401190	0.06084	351	351	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	417574	5400357	0.05142	357.18	357.18	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	417574	5399523	0.04128	354	354	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	416602	5401190	0.06314	348	348	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	416602	5400357	0.05375	358.92	358.92	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	416602	5399523	0.04634	350	350	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	415630	5401190	0.04621	347	347	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	415630	5400357	0.05179	349	349	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	415630	5399523	0.04995	349	349	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	417297	5402023	0.07404	357.46	357.46	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	417297	5402995	0.07011	346	346	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	417297	5403968	0.07221	349	349	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	417297	5404940	0.08714	355	355	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	417297	5405912	0.09926	347	347	0	MONTH	WMRS	1ST	12/31/2000 24 hr
MINE	417297	5406884	0.14366	343	343	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	417297	5407857	0.1459	340	340	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	417297	5408829	0.16579	345	345	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	417297	5409801	0.13697	346	346	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	417297	5410773	0.15736	349	349	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	417297	5411745	0.10912	370	370	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	417297	5412718	0.10099	363.07	363.07	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	417297	5413690	0.1041	366	366	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	417297	5414662	0.1099	374	374	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	417297	5415634	0.08998	370	370	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	417297	5416607	0.07629	360.98	360.98	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	417297	5417579	0.08173	357	357	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	417297	5418551	0.06358	356	356	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	417297	5419523	0.05137	362.05	362.05	0	MONTH	WMRS	1ST	12/31/1996 24 hr
MINE	416463	5402023	0.05681	346	346	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	416463	5402995	0.05621	346	346	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	416463	5403968	0.06857	348.5	348.5	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	416463	5404940	0.07486	357.45	357.45	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	416463	5405912	0.10731	346	346	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	416463	5406884	0.11678	343.24	343.24	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	416463	5407857	0.1225	340	340	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	416463	5408829	0.13286	346.93	346.93	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	416463	5409801	0.11024	353.2	353.2	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	416463	5410773	0.13319	357	357	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	416463	5411745	0.08552	356	356	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	416463	5412718	0.09961	369	369	0	MONTH	WMRS	1ST	12/31/1997 24 hr
MINE	416463	5413690	0.06974	369.57	369.57	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	416463	5414662	0.09237	383.43	383.43	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	416463	5415634	0.08712	364.53	364.53	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	416463	5416607	0.07144	361	361	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	416463	5417579	0.06323	360	360	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	416463	5418551	0.06892	359.12	359.12	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	416463	5419523	0.05484	353	353	0	MONTH	WMRS	1ST	1/31/2000 24 hr
MINE	415630	5402023	0.04653	343.62	343.62	0	MONTH	WMRS	1ST	4/30/1996 24 hr
MINE	415630	5402995	0.05499	346	346	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	415630	5403968	0.05973	349	349	0	MONTH	WMRS	1ST	1/31/1999 24 hr
MINE	415630	5404940	0.07204	360	360	0	MONTH	WMRS	1ST	1/31/1998 24 hr
MINE	415630	5405912	0.09756	347	347	0	MONTH	WMRS	1ST	1/31/1998 24 hr

Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
MINE	415630	5408829	0.10829	348	348	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	415630	5409801	0.09032	354	354	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	415630	5410773	0.11838	363	363	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	415630	5411745	0.07222	369	369	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	415630	5412718	0.08327	371	371	0 MONTH	WMRS	1ST		12/31/1997 24 hr
MINE	415630	5413690	0.05795	380	380	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	415630	5414662	0.06819	374	374	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	415630	5415634	0.07644	367	367	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	415630	5416607	0.06897	360	360	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	415630	5417579	0.0576	360	360	0 MONTH	WMRS	1ST		1/31/1998 24 hr
MINE	415630	5418551	0.05344	360.67	360.67	0 MONTH	WMRS	1ST		1/31/2000 24 hr
MINE	415630	5419523	0.0577	357	357	0 MONTH	WMRS	1ST		1/31/2000 24 hr
	415463	5406675	0.09315	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
	415451	5406279	0.09362	345	345	0 MONTH	WMRS	1ST		1/31/1998 24 hr
	414628	5406278	0.07884	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
	414648	5407097	0.08109	340	340	0 MONTH	WMRS	1ST		1/31/1998 24 hr
	413820	5407101	0.0723	344.14	344.14	0 MONTH	WMRS	1ST		1/31/1998 24 hr
	413844	5407916	0.08137	343	343	0 MONTH	WMRS	1ST		1/31/1998 24 hr
	414669	5407897	0.09326	343	343	0 MONTH	WMRS	1ST		12/31/2000 24 hr
	414668	5407921	0.09321	343	343	0 MONTH	WMRS	1ST		12/31/2000 24 hr
	415890	5407908	0.11223	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
	415869	5407086	0.10178	341	341	0 MONTH	WMRS	1ST		1/31/1998 24 hr
	416287	5407081	0.11171	342	342	0 MONTH	WMRS	1ST		1/31/1998 24 hr
	416272	5406666	0.11198	344	344	0 MONTH	WMRS	1ST		1/31/1998 24 hr
	421918	5404856	0.22884	353.05	353.05	0 MONTH	WMRS	1ST		12/31/2000 24 hr
	421094	5404865	0.1729	350	350	0 MONTH	WMRS	1ST		12/31/2000 24 hr
	421106	5405379	0.18512	350	350	0 MONTH	WMRS	1ST		12/31/2000 24 hr
	420730	5405382	0.17408	355	355	0 MONTH	WMRS	1ST		12/31/2000 24 hr
	420730	5405796	0.20099	353	353	0 MONTH	WMRS	1ST		12/31/2000 24 hr
	419463	5405818	0.14695	353	353	0 MONTH	WMRS	1ST		1/31/1999 24 hr
	419463	5406226	0.15751	350	350	0 MONTH	WMRS	1ST		1/31/1999 24 hr
	420291	5406220	0.20907	350	350	0 MONTH	WMRS	1ST		1/31/1999 24 hr
	420304	5407038	0.23534	347.43	347.43	0 MONTH	WMRS	1ST		1/31/1999 24 hr
	419611	5407048	0.19511	347	347	0 MONTH	WMRS	1ST		1/31/1999 24 hr
	419649	5408646	0.33161	347	347	0 MONTH	WMRS	1ST		1/31/1998 24 hr
	420388	5408637	0.46088	346.92	346.92	0 MONTH	WMRS	1ST		1/31/1998 24 hr
	420340	5407829	0.29311	344	344	0 MONTH	WMRS	1ST		1/31/1999 24 hr
	421196	5407811	0.409	350.16	350.16	0 MONTH	WMRS	1ST		1/31/1999 24 hr
	421156	5407025	0.31721	352	352	0 MONTH	WMRS	1ST		1/31/1999 24 hr
	422795	5406994	0.58042	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
	422806	5407802	0.93276	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
	423617	5407779	0.64597	358.09	358.09	0 MONTH	WMRS	1ST		12/31/2000 24 hr
	423599	5406990	0.3865	365.72	365.72	0 MONTH	WMRS	1ST		12/31/2000 24 hr
	422786	5406989	0.57845	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
	422771	5406177	0.39446	358	358	0 MONTH	WMRS	1ST		12/31/2000 24 hr
	422357	5406187	0.37757	359	359	0 MONTH	WMRS	1ST		12/31/2000 24 hr
	422363	5406591	0.44436	357	357	0 MONTH	WMRS	1ST		12/31/2000 24 hr
	421964	5406591	0.37015	356	356	0 MONTH	WMRS	1ST		12/31/2000 24 hr
	420767	5413450	0.27187	375	375	0 MONTH	WMRS	1ST		1/31/2000 24 hr
	420780	5414261	0.18257	377	377	0 MONTH	WMRS	1ST		3/31/1999 24 hr
	421449	5414252	0.24316	379.78	379.78	0 MONTH	WMRS	1ST		2/28/1998 24 hr
	422377	5414238	0.27098	379	379	0 MONTH	WMRS	1ST		2/28/1998 24 hr
	422370	5415036	0.19052	387.39	387.39	0 MONTH	WMRS	1ST		8/31/1996 24 hr
	424000	5415015	0.2433	397.45	397.45	0 MONTH	WMRS	1ST		2/28/1998 24 hr
	423997	5414610	0.2492	400.01	400.01	0 MONTH	WMRS	1ST		2/28/1998 24 hr
	424792	5414601	0.2001	388	388	0 MONTH	WMRS	1ST		2/28/1998 24 hr
	424798	5414204	0.23331	389	389	0 MONTH	WMRS	1ST		2/29/2000 24 hr
	428817	5414150	0.08068	404	404	0 MONTH	WMRS	1ST		12/31/1999 24 hr
	428848	5415656	0.10564	376	421	0 MONTH	WMRS	1ST		1/31/1999 24 hr
	429649	5415650	0.06737	394.89	394.89	0 MONTH	WMRS	1ST		1/31/1999 24 hr
	429650	5415747	0.07401	388.58	388.58	0 MONTH	WMRS	1ST		1/31/1996 24 hr
	431259	5415735	0.06059	378.13	378.13	0 MONTH	WMRS	1ST		12/31/1999 24 hr



Discrete FX	Y	Concentr.	Elevation	Hill Heigh	Flagpole	Averagin	Source Gi	Rank	Net ID	Date (DATE(CON
431239	5414122	0.08528	376.02	376.02		0 MONTH	WMRS	1ST		2/29/2000 24 hr
429628	5414138	0.09519	385.78	385.78		0 MONTH	WMRS	1ST		12/31/1999 24 hr
429614	5413326	0.11213	389.97	389.97		0 MONTH	WMRS	1ST		12/31/1998 24 hr
428809	5413327	0.11851	390	390		0 MONTH	WMRS	1ST		12/31/1998 24 hr
428808	5412548	0.14497	393.59	393.59		0 MONTH	WMRS	1ST		2/29/2000 24 hr
430407	5412512	0.12649	389	389		0 MONTH	WMRS	1ST		12/31/1998 24 hr
430422	5413312	0.10643	379.63	379.63		0 MONTH	WMRS	1ST		2/29/2000 24 hr
431230	5413308	0.09234	376	376		0 MONTH	WMRS	1ST		12/31/1998 24 hr
431224	5412901	0.10869	379	379		0 MONTH	WMRS	1ST		12/31/1998 24 hr
432035	5412899	0.09531	375.4	375.4		0 MONTH	WMRS	1ST		12/31/1998 24 hr
432035	5412495	0.09513	374	374		0 MONTH	WMRS	1ST		12/31/1998 24 hr
431223	5412502	0.10932	381	381		0 MONTH	WMRS	1ST		12/31/1998 24 hr
431202	5410899	0.09987	382	382		0 MONTH	WMRS	1ST		12/31/1998 24 hr
432010	5410893	0.08677	373.96	373.96		0 MONTH	WMRS	1ST		12/31/1998 24 hr
431997	5410087	0.10488	378.53	378.53		0 MONTH	WMRS	1ST		12/31/1997 24 hr
430381	5410114	0.14557	381	381		0 MONTH	WMRS	1ST		12/31/1997 24 hr
430361	5408478	0.1202	377.79	377.79		0 MONTH	WMRS	1ST		1/31/2000 24 hr
431008	5408470	0.10195	368.82	368.82		0 MONTH	WMRS	1ST		12/31/1998 24 hr
431004	5407564	0.12034	359	359		0 MONTH	WMRS	1ST		1/31/1996 24 hr
430203	5407573	0.12791	361	361		0 MONTH	WMRS	1ST		1/31/1996 24 hr
430222	5408485	0.12594	378.03	378.03		0 MONTH	WMRS	1ST		1/31/2000 24 hr
429414	5408504	0.1675	382.51	382.51		0 MONTH	WMRS	1ST		1/31/2000 24 hr
429425	5408830	0.14912	383	383		0 MONTH	WMRS	1ST		12/31/1998 24 hr
429102	5408830	0.15141	389	389		0 MONTH	WMRS	1ST		12/31/1998 24 hr
429093	5408498	0.18404	387	387		0 MONTH	WMRS	1ST		1/31/2000 24 hr
429431	5408490	0.16806	382	382		0 MONTH	WMRS	1ST		1/31/2000 24 hr
429422	5407591	0.13292	359	359		0 MONTH	WMRS	1ST		1/31/1996 24 hr
428564	5407591	0.14701	368.54	368.54		0 MONTH	WMRS	1ST		2/28/1997 24 hr
427718	5407601	0.19647	366.38	366.38		0 MONTH	WMRS	1ST		1/31/2000 24 hr
427720	5407741	0.19209	366.75	366.75		0 MONTH	WMRS	1ST		1/31/2000 24 hr
427700	5407741	0.19413	366	366		0 MONTH	WMRS	1ST		1/31/2000 24 hr
426917	5407750	0.25809	351.89	351.89		0 MONTH	WMRS	1ST		1/31/2000 24 hr
426068	5407740	0.30736	379.31	379.31		0 MONTH	WMRS	1ST		12/31/1997 24 hr
425276	5407752	0.5997	361	361		0 MONTH	WMRS	1ST		12/31/1997 24 hr
425245	5406949	0.36828	370	370		0 MONTH	WMRS	1ST		12/31/1997 24 hr
424422	5406973	0.36722	365	365		0 MONTH	WMRS	1ST		12/31/1997 24 hr
424461	5407786	0.61418	368.75	378		0 MONTH	WMRS	1ST		12/31/1997 24 hr
424499	5408579	1.27665	348	348		0 MONTH	WMRS	1ST		12/31/1997 24 hr
420692	5408632	0.52246	343.53	343.53		0 MONTH	WMRS	1ST		1/31/1998 24 hr
420705	5409438	0.62293	353	353		0 MONTH	WMRS	1ST		1/31/1998 24 hr
419681	5409454	0.35809	351.75	351.75		0 MONTH	WMRS	1ST		1/31/1998 24 hr
419677	5411057	0.25098	357.98	357.98		0 MONTH	WMRS	1ST		12/31/1997 24 hr
418061	5411078	0.15358	349	349		0 MONTH	WMRS	1ST		1/31/1998 24 hr
418099	5413503	0.14278	366	366		0 MONTH	WMRS	1ST		1/31/1998 24 hr
418914	5413492	0.18115	369.53	369.53		0 MONTH	WMRS	1ST		1/31/1998 24 hr
418914	5413081	0.18731	372.14	372.14		0 MONTH	WMRS	1ST		1/31/1998 24 hr
419710	5413071	0.22294	380	380		0 MONTH	WMRS	1ST		1/31/1998 24 hr
419711	5413468	0.19496	378	378		0 MONTH	WMRS	1ST		1/31/1998 24 hr

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	415889	5407356	0.02998	340	340	0 ANNUAL	WMRS	5		0.47825
PINEGEN	415889	5407406	0.02996	340	340	0 ANNUAL	WMRS	5		
PINEGEN	415889	5407456	0.02996	340	340	0 ANNUAL	WMRS	5		
PINEGEN	415889	5407506	0.02997	340	340	0 ANNUAL	WMRS	5		
PINEGEN	415889	5407556	0.02999	340	340	0 ANNUAL	WMRS	5		
PINEGEN	415889	5407606	0.03002	340	340	0 ANNUAL	WMRS	5		
PINEGEN	415939	5407356	0.03031	340	340	0 ANNUAL	WMRS	5		
PINEGEN	415939	5407406	0.03029	340	340	0 ANNUAL	WMRS	5		
PINEGEN	415939	5407456	0.03029	340	340	0 ANNUAL	WMRS	5		
PINEGEN	415939	5407506	0.03029	340	340	0 ANNUAL	WMRS	5		
PINEGEN	415939	5407556	0.03031	340	340	0 ANNUAL	WMRS	5		
PINEGEN	415939	5407606	0.03034	340	340	0 ANNUAL	WMRS	5		
PINEGEN	415989	5407356	0.03066	340	340	0 ANNUAL	WMRS	5		
PINEGEN	415989	5407406	0.03063	340	340	0 ANNUAL	WMRS	5		
PINEGEN	415989	5407456	0.03062	340	340	0 ANNUAL	WMRS	5		
PINEGEN	415989	5407506	0.03062	340	340	0 ANNUAL	WMRS	5		
PINEGEN	415989	5407556	0.03063	340	340	0 ANNUAL	WMRS	5		
PINEGEN	415989	5407606	0.03066	340	340	0 ANNUAL	WMRS	5		
PINEGEN	415739	5406656	0.0298	343	343	0 ANNUAL	WMRS	5		
PINEGEN	415739	5406606	0.02988	344	344	0 ANNUAL	WMRS	5		
PINEGEN	415789	5406656	0.03015	343.4	343.4	0 ANNUAL	WMRS	5		
PINEGEN	415789	5406606	0.03022	344	344	0 ANNUAL	WMRS	5		
PINEGEN	415839	5406656	0.03051	344	344	0 ANNUAL	WMRS	5		
PINEGEN	415839	5406606	0.03056	344	344	0 ANNUAL	WMRS	5		
PINEGEN	415889	5407306	0.03	340	340	0 ANNUAL	WMRS	5		
PINEGEN	415889	5407256	0.03005	340.39	340.39	0 ANNUAL	WMRS	5		
PINEGEN	415889	5407206	0.03012	341	341	0 ANNUAL	WMRS	5		
PINEGEN	415889	5407156	0.03017	341	341	0 ANNUAL	WMRS	5		
PINEGEN	415889	5407106	0.03022	341	341	0 ANNUAL	WMRS	5		
PINEGEN	415889	5406656	0.03084	343.32	343.32	0 ANNUAL	WMRS	5		
PINEGEN	415889	5406606	0.03091	343.86	343.86	0 ANNUAL	WMRS	5		
PINEGEN	415939	5407306	0.03034	340	340	0 ANNUAL	WMRS	5		
PINEGEN	415939	5407256	0.03041	341	341	0 ANNUAL	WMRS	5		
PINEGEN	415939	5407206	0.03046	341	341	0 ANNUAL	WMRS	5		
PINEGEN	415939	5407156	0.03052	341	341	0 ANNUAL	WMRS	5		
PINEGEN	415939	5407106	0.03057	341	341	0 ANNUAL	WMRS	5		
PINEGEN	415939	5406656	0.03119	343	343	0 ANNUAL	WMRS	5		
PINEGEN	415939	5406606	0.03124	343	343	0 ANNUAL	WMRS	5		
PINEGEN	415989	5407306	0.0307	340.32	340.32	0 ANNUAL	WMRS	5		
PINEGEN	415989	5407256	0.03076	341	341	0 ANNUAL	WMRS	5		
PINEGEN	415989	5407206	0.03082	341	341	0 ANNUAL	WMRS	5		
PINEGEN	415989	5407156	0.03087	341	341	0 ANNUAL	WMRS	5		
PINEGEN	415989	5407106	0.03094	341.38	341.38	0 ANNUAL	WMRS	5		
PINEGEN	415989	5406656	0.03155	343	343	0 ANNUAL	WMRS	5		
PINEGEN	415989	5406606	0.0316	343	343	0 ANNUAL	WMRS	5		
PINEGEN	415689	5406656	0.02947	343	343	0 ANNUAL	WMRS	5		
PINEGEN	415689	5406606	0.02955	344	344	0 ANNUAL	WMRS	5		
PINEGEN	415639	5406656	0.02914	343	343	0 ANNUAL	WMRS	5		
PINEGEN	415639	5406606	0.02922	344	344	0 ANNUAL	WMRS	5		
PINEGEN	415589	5406656	0.02882	343	343	0 ANNUAL	WMRS	5		
PINEGEN	415589	5406606	0.02889	343.6	343.6	0 ANNUAL	WMRS	5		

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	415539	5406656	0.0285	343	343	0 ANNUAL	WMRS			5
PINEGEN	415539	5406606	0.02856	343	343	0 ANNUAL	WMRS			5
PINEGEN	415489	5406656	0.02819	343	343	0 ANNUAL	WMRS			5
PINEGEN	415489	5406606	0.02824	343	343	0 ANNUAL	WMRS			5
PINEGEN	414989	5408006	0.0258	344	344	0 ANNUAL	WMRS			5
PINEGEN	414989	5408106	0.02584	344.02	344.02	0 ANNUAL	WMRS			5
PINEGEN	415089	5408006	0.02629	344	344	0 ANNUAL	WMRS			5
PINEGEN	415089	5408106	0.02635	344.63	344.63	0 ANNUAL	WMRS			5
PINEGEN	415189	5408006	0.02678	344	344	0 ANNUAL	WMRS			5
PINEGEN	415189	5408106	0.02684	344	344	0 ANNUAL	WMRS			5
PINEGEN	415289	5408006	0.02729	344	344	0 ANNUAL	WMRS			5
PINEGEN	415289	5408106	0.02736	344	344	0 ANNUAL	WMRS			5
PINEGEN	415389	5408006	0.02779	343	343	0 ANNUAL	WMRS			5
PINEGEN	415389	5408106	0.0279	344	344	0 ANNUAL	WMRS			5
PINEGEN	415489	5408006	0.02833	343	343	0 ANNUAL	WMRS			5
PINEGEN	415489	5408106	0.02845	344	344	0 ANNUAL	WMRS			5
PINEGEN	415589	5408006	0.02889	343	343	0 ANNUAL	WMRS			5
PINEGEN	415589	5408106	0.02902	343.95	343.95	0 ANNUAL	WMRS			5
PINEGEN	415689	5408006	0.02945	342.7	342.7	0 ANNUAL	WMRS			5
PINEGEN	415689	5408106	0.02958	343.02	343.02	0 ANNUAL	WMRS			5
PINEGEN	415789	5408006	0.03002	342	342	0 ANNUAL	WMRS			5
PINEGEN	415789	5408106	0.03018	343	343	0 ANNUAL	WMRS			5
PINEGEN	415889	5407706	0.03015	341	341	0 ANNUAL	WMRS			5
PINEGEN	415889	5407806	0.03029	341	341	0 ANNUAL	WMRS			5
PINEGEN	415889	5408006	0.03063	342	342	0 ANNUAL	WMRS			5
PINEGEN	415889	5408106	0.0308	343	343	0 ANNUAL	WMRS			5
PINEGEN	415989	5407706	0.03075	340	340	0 ANNUAL	WMRS			5
PINEGEN	415989	5407806	0.03088	340	340	0 ANNUAL	WMRS			5
PINEGEN	415989	5407906	0.03107	341	341	0 ANNUAL	WMRS			5
PINEGEN	415989	5408006	0.03125	341.44	341.44	0 ANNUAL	WMRS			5
PINEGEN	415989	5408106	0.03141	342	342	0 ANNUAL	WMRS			5
PINEGEN	416089	5407706	0.03141	340	340	0 ANNUAL	WMRS			5
PINEGEN	416089	5407806	0.03153	340	340	0 ANNUAL	WMRS			5
PINEGEN	416089	5407906	0.0317	340.64	340.64	0 ANNUAL	WMRS			5
PINEGEN	416089	5408006	0.03188	341	341	0 ANNUAL	WMRS			5
PINEGEN	416089	5408106	0.03207	342	342	0 ANNUAL	WMRS			5
PINEGEN	416189	5407706	0.03209	340	340	0 ANNUAL	WMRS			5
PINEGEN	416189	5407806	0.0322	340	340	0 ANNUAL	WMRS			5
PINEGEN	416189	5407906	0.03235	340	340	0 ANNUAL	WMRS			5
PINEGEN	416189	5408006	0.03256	341	341	0 ANNUAL	WMRS			5
PINEGEN	416189	5408106	0.03275	342	342	0 ANNUAL	WMRS			5
PINEGEN	416289	5407706	0.03281	340	340	0 ANNUAL	WMRS			5
PINEGEN	416289	5407806	0.03291	340	340	0 ANNUAL	WMRS			5
PINEGEN	416289	5407906	0.03305	340	340	0 ANNUAL	WMRS			5
PINEGEN	416289	5408006	0.03325	341	341	0 ANNUAL	WMRS			5
PINEGEN	416289	5408106	0.03344	341.4	341.4	0 ANNUAL	WMRS			5
PINEGEN	416389	5407706	0.03355	340	340	0 ANNUAL	WMRS			5
PINEGEN	416389	5407806	0.03364	340	340	0 ANNUAL	WMRS			5
PINEGEN	416389	5407906	0.03377	340	340	0 ANNUAL	WMRS			5
PINEGEN	416389	5408006	0.03394	340.05	340.05	0 ANNUAL	WMRS			5
PINEGEN	416389	5408106	0.03415	341	341	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	416489	5407706	0.03433	340	340	0 ANNUAL	WMRS			5
PINEGEN	416489	5407806	0.03441	340	340	0 ANNUAL	WMRS			5
PINEGEN	416489	5407906	0.03453	340	340	0 ANNUAL	WMRS			5
PINEGEN	416489	5408006	0.03469	340	340	0 ANNUAL	WMRS			5
PINEGEN	416489	5408106	0.03489	340.58	340.58	0 ANNUAL	WMRS			5
PINEGEN	416089	5407606	0.03133	340	340	0 ANNUAL	WMRS			5
PINEGEN	416089	5407506	0.03131	340	340	0 ANNUAL	WMRS			5
PINEGEN	416089	5407406	0.03134	340	340	0 ANNUAL	WMRS			5
PINEGEN	416089	5407306	0.03144	341	341	0 ANNUAL	WMRS			5
PINEGEN	416089	5407206	0.03154	341	341	0 ANNUAL	WMRS			5
PINEGEN	416089	5407106	0.0317	342	342	0 ANNUAL	WMRS			5
PINEGEN	416089	5406606	0.03237	344	344	0 ANNUAL	WMRS			5
PINEGEN	416089	5406506	0.03247	344.9	344.9	0 ANNUAL	WMRS			5
PINEGEN	416089	5406406	0.03254	345	345	0 ANNUAL	WMRS			5
PINEGEN	416089	5406306	0.03258	345	345	0 ANNUAL	WMRS			5
PINEGEN	416089	5406206	0.03263	346	346	0 ANNUAL	WMRS			5
PINEGEN	416089	5406106	0.03261	346.07	346.07	0 ANNUAL	WMRS			5
PINEGEN	416189	5407606	0.03203	340	340	0 ANNUAL	WMRS			5
PINEGEN	416189	5407506	0.03202	340	340	0 ANNUAL	WMRS			5
PINEGEN	416189	5407406	0.0321	340.88	340.88	0 ANNUAL	WMRS			5
PINEGEN	416189	5407306	0.03219	341	341	0 ANNUAL	WMRS			5
PINEGEN	416189	5407206	0.0323	341	341	0 ANNUAL	WMRS			5
PINEGEN	416189	5407106	0.03247	342	342	0 ANNUAL	WMRS			5
PINEGEN	416189	5406606	0.03314	344.4	344.4	0 ANNUAL	WMRS			5
PINEGEN	416189	5406506	0.03324	345	345	0 ANNUAL	WMRS			5
PINEGEN	416189	5406406	0.0333	345.2	345.2	0 ANNUAL	WMRS			5
PINEGEN	416189	5406306	0.03335	346	346	0 ANNUAL	WMRS			5
PINEGEN	416189	5406206	0.03337	346.79	346.79	0 ANNUAL	WMRS			5
PINEGEN	416189	5406106	0.03333	347	347	0 ANNUAL	WMRS			5
PINEGEN	416289	5407606	0.03276	340	340	0 ANNUAL	WMRS			5
PINEGEN	416289	5407506	0.03277	340	340	0 ANNUAL	WMRS			5
PINEGEN	416289	5407406	0.03286	340.81	340.81	0 ANNUAL	WMRS			5
PINEGEN	416289	5407306	0.03296	341	341	0 ANNUAL	WMRS			5
PINEGEN	416289	5407206	0.0331	341.41	341.41	0 ANNUAL	WMRS			5
PINEGEN	416289	5407106	0.03326	342	342	0 ANNUAL	WMRS			5
PINEGEN	416289	5407006	0.03343	343	343	0 ANNUAL	WMRS			5
PINEGEN	416289	5406906	0.03357	343	343	0 ANNUAL	WMRS			5
PINEGEN	416289	5406806	0.03372	344	344	0 ANNUAL	WMRS			5
PINEGEN	416289	5406706	0.03383	344	344	0 ANNUAL	WMRS			5
PINEGEN	416289	5406606	0.03395	345	345	0 ANNUAL	WMRS			5
PINEGEN	416289	5406506	0.03402	345	345	0 ANNUAL	WMRS			5
PINEGEN	416289	5406406	0.03409	346	346	0 ANNUAL	WMRS			5
PINEGEN	416289	5406306	0.0341	346	346	0 ANNUAL	WMRS			5
PINEGEN	416289	5406206	0.03411	347	347	0 ANNUAL	WMRS			5
PINEGEN	416289	5406106	0.03404	347	347	0 ANNUAL	WMRS			5
PINEGEN	416389	5407606	0.03353	340	340	0 ANNUAL	WMRS			5
PINEGEN	416389	5407506	0.03355	340	340	0 ANNUAL	WMRS			5
PINEGEN	416389	5407406	0.03366	341	341	0 ANNUAL	WMRS			5
PINEGEN	416389	5407306	0.03378	341	341	0 ANNUAL	WMRS			5
PINEGEN	416389	5407206	0.03394	342	342	0 ANNUAL	WMRS			5
PINEGEN	416389	5407106	0.03409	342	342	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	416389	5407006	0.03426	343	343	0 ANNUAL	WMRS			5
PINEGEN	416389	5406906	0.0344	343	343	0 ANNUAL	WMRS			5
PINEGEN	416389	5406806	0.03455	344	344	0 ANNUAL	WMRS			5
PINEGEN	416389	5406706	0.03465	344	344	0 ANNUAL	WMRS			5
PINEGEN	416389	5406606	0.03477	345	345	0 ANNUAL	WMRS			5
PINEGEN	416389	5406506	0.03483	345	345	0 ANNUAL	WMRS			5
PINEGEN	416389	5406406	0.03485	345	345	0 ANNUAL	WMRS			5
PINEGEN	416389	5406306	0.03487	345.75	345.75	0 ANNUAL	WMRS			5
PINEGEN	416389	5406206	0.03483	346	346	0 ANNUAL	WMRS			5
PINEGEN	416389	5406106	0.03473	346	346	0 ANNUAL	WMRS			5
PINEGEN	416489	5407606	0.03432	340	340	0 ANNUAL	WMRS			5
PINEGEN	416489	5407506	0.03437	340	340	0 ANNUAL	WMRS			5
PINEGEN	416489	5407406	0.0345	341	341	0 ANNUAL	WMRS			5
PINEGEN	416489	5407306	0.03462	341	341	0 ANNUAL	WMRS			5
PINEGEN	416489	5407206	0.0348	342	342	0 ANNUAL	WMRS			5
PINEGEN	416489	5407106	0.03495	342	342	0 ANNUAL	WMRS			5
PINEGEN	416489	5407006	0.03513	343	343	0 ANNUAL	WMRS			5
PINEGEN	416489	5406906	0.03526	343	343	0 ANNUAL	WMRS			5
PINEGEN	416489	5406806	0.03541	344	344	0 ANNUAL	WMRS			5
PINEGEN	416489	5406706	0.03551	344	344	0 ANNUAL	WMRS			5
PINEGEN	416489	5406606	0.03558	344	344	0 ANNUAL	WMRS			5
PINEGEN	416489	5406506	0.03562	344	344	0 ANNUAL	WMRS			5
PINEGEN	416489	5406406	0.03563	344	344	0 ANNUAL	WMRS			5
PINEGEN	416489	5406306	0.03561	344	344	0 ANNUAL	WMRS			5
PINEGEN	416489	5406206	0.03554	344.51	344.51	0 ANNUAL	WMRS			5
PINEGEN	416489	5406106	0.03543	345	345	0 ANNUAL	WMRS			5
PINEGEN	415989	5406506	0.03172	344	344	0 ANNUAL	WMRS			5
PINEGEN	415989	5406406	0.03179	344	344	0 ANNUAL	WMRS			5
PINEGEN	415989	5406306	0.03187	345	345	0 ANNUAL	WMRS			5
PINEGEN	415989	5406206	0.03189	345	345	0 ANNUAL	WMRS			5
PINEGEN	415989	5406106	0.03192	346	346	0 ANNUAL	WMRS			5
PINEGEN	415889	5406506	0.031	344	344	0 ANNUAL	WMRS			5
PINEGEN	415889	5406406	0.03109	344.45	344.45	0 ANNUAL	WMRS			5
PINEGEN	415889	5406306	0.03116	344.72	344.72	0 ANNUAL	WMRS			5
PINEGEN	415889	5406206	0.03121	345	345	0 ANNUAL	WMRS			5
PINEGEN	415889	5406106	0.03122	345	345	0 ANNUAL	WMRS			5
PINEGEN	415789	5406506	0.03031	344	344	0 ANNUAL	WMRS			5
PINEGEN	415789	5406406	0.03042	345	345	0 ANNUAL	WMRS			5
PINEGEN	415789	5406306	0.0305	345.63	345.63	0 ANNUAL	WMRS			5
PINEGEN	415789	5406206	0.03056	346	346	0 ANNUAL	WMRS			5
PINEGEN	415789	5406106	0.03059	346	346	0 ANNUAL	WMRS			5
PINEGEN	415689	5406506	0.02965	344.06	344.06	0 ANNUAL	WMRS			5
PINEGEN	415689	5406406	0.02976	345	345	0 ANNUAL	WMRS			5
PINEGEN	415689	5406306	0.02983	345	345	0 ANNUAL	WMRS			5
PINEGEN	415689	5406206	0.02991	346	346	0 ANNUAL	WMRS			5
PINEGEN	415689	5406106	0.02995	346	346	0 ANNUAL	WMRS			5
PINEGEN	415589	5406506	0.029	344	344	0 ANNUAL	WMRS			5
PINEGEN	415589	5406406	0.02909	344	344	0 ANNUAL	WMRS			5
PINEGEN	415589	5406306	0.02919	345	345	0 ANNUAL	WMRS			5
PINEGEN	415589	5406206	0.02927	346	346	0 ANNUAL	WMRS			5
PINEGEN	415589	5406106	0.02932	346	346	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	415489	5406506	0.02836	343.44	343.44	0 ANNUAL	WMRS			5
PINEGEN	415489	5406406	0.02846	344	344	0 ANNUAL	WMRS			5
PINEGEN	415489	5406306	0.02857	345	345	0 ANNUAL	WMRS			5
PINEGEN	415489	5406206	0.02863	345	345	0 ANNUAL	WMRS			5
PINEGEN	415489	5406106	0.0287	345.84	345.84	0 ANNUAL	WMRS			5
PINEGEN	415389	5406206	0.02803	345	345	0 ANNUAL	WMRS			5
PINEGEN	415389	5406106	0.02809	345	345	0 ANNUAL	WMRS			5
PINEGEN	415289	5406206	0.02743	344	344	0 ANNUAL	WMRS			5
PINEGEN	415289	5406106	0.02751	345	345	0 ANNUAL	WMRS			5
PINEGEN	415189	5406206	0.02687	344	344	0 ANNUAL	WMRS			5
PINEGEN	415189	5406106	0.02695	344.65	344.65	0 ANNUAL	WMRS			5
PINEGEN	415089	5406206	0.02632	344	344	0 ANNUAL	WMRS			5
PINEGEN	415089	5406106	0.0264	344.72	344.72	0 ANNUAL	WMRS			5
PINEGEN	414989	5406206	0.02579	344	344	0 ANNUAL	WMRS			5
PINEGEN	414989	5406106	0.02586	344	344	0 ANNUAL	WMRS			5
PINEGEN	414889	5406206	0.02525	343	343	0 ANNUAL	WMRS			5
PINEGEN	414889	5406106	0.02532	343	343	0 ANNUAL	WMRS			5
PINEGEN	414789	5406206	0.02473	342	342	0 ANNUAL	WMRS			5
PINEGEN	414789	5406106	0.0248	342	342	0 ANNUAL	WMRS			5
PINEGEN	414689	5406206	0.02422	341	341	0 ANNUAL	WMRS			5
PINEGEN	414689	5406106	0.02432	342	342	0 ANNUAL	WMRS			5
PINEGEN	414589	5406506	0.02344	340	340	0 ANNUAL	WMRS			5
PINEGEN	414589	5406406	0.02356	341	341	0 ANNUAL	WMRS			5
PINEGEN	414589	5406306	0.02366	341	341	0 ANNUAL	WMRS			5
PINEGEN	414589	5406206	0.02376	341.73	341.73	0 ANNUAL	WMRS			5
PINEGEN	414589	5406106	0.02385	342	342	0 ANNUAL	WMRS			5
PINEGEN	414489	5406506	0.02298	340	340	0 ANNUAL	WMRS			5
PINEGEN	414489	5406406	0.0231	341	341	0 ANNUAL	WMRS			5
PINEGEN	414489	5406306	0.0232	341	341	0 ANNUAL	WMRS			5
PINEGEN	414489	5406206	0.0233	341.8	341.8	0 ANNUAL	WMRS			5
PINEGEN	414489	5406106	0.02339	342	342	0 ANNUAL	WMRS			5
PINEGEN	414889	5408006	0.02533	344	344	0 ANNUAL	WMRS			5
PINEGEN	414889	5408106	0.02536	344	344	0 ANNUAL	WMRS			5
PINEGEN	414789	5408006	0.02485	343.11	343.11	0 ANNUAL	WMRS			5
PINEGEN	414789	5408106	0.02489	344	344	0 ANNUAL	WMRS			5
PINEGEN	414689	5408006	0.0244	343	343	0 ANNUAL	WMRS			5
PINEGEN	414689	5408106	0.02443	344	344	0 ANNUAL	WMRS			5
PINEGEN	414589	5406606	0.02335	340	340	0 ANNUAL	WMRS			5
PINEGEN	414589	5406706	0.02325	340	340	0 ANNUAL	WMRS			5
PINEGEN	414589	5406806	0.02318	340	340	0 ANNUAL	WMRS			5
PINEGEN	414589	5406906	0.02312	340	340	0 ANNUAL	WMRS			5
PINEGEN	414589	5407006	0.02309	340	340	0 ANNUAL	WMRS			5
PINEGEN	414589	5407906	0.02392	342.66	342.66	0 ANNUAL	WMRS			5
PINEGEN	414589	5408006	0.02397	343	343	0 ANNUAL	WMRS			5
PINEGEN	414589	5408106	0.02398	344	344	0 ANNUAL	WMRS			5
PINEGEN	414489	5406606	0.02289	340	340	0 ANNUAL	WMRS			5
PINEGEN	414489	5406706	0.0228	340	340	0 ANNUAL	WMRS			5
PINEGEN	414489	5406806	0.02273	340	340	0 ANNUAL	WMRS			5
PINEGEN	414489	5406906	0.02269	340	340	0 ANNUAL	WMRS			5
PINEGEN	414489	5407006	0.02267	340	340	0 ANNUAL	WMRS			5
PINEGEN	414489	5407906	0.02351	343	343	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	414489	5408006	0.02354	343	343	0 ANNUAL	WMRS			5
PINEGEN	414489	5408106	0.02355	344	344	0 ANNUAL	WMRS			5
PINEGEN	414489	5408306	0.02342	345	345	0 ANNUAL	WMRS			5
PINEGEN	414489	5408506	0.02317	346	346	0 ANNUAL	WMRS			5
PINEGEN	414489	5408706	0.02287	347	347	0 ANNUAL	WMRS			5
PINEGEN	414489	5408906	0.02258	348	348	0 ANNUAL	WMRS			5
PINEGEN	414489	5409106	0.02233	349	349	0 ANNUAL	WMRS			5
PINEGEN	414689	5408306	0.02433	345	345	0 ANNUAL	WMRS			5
PINEGEN	414689	5408506	0.02408	345.63	345.63	0 ANNUAL	WMRS			5
PINEGEN	414689	5408706	0.02376	346.26	346.26	0 ANNUAL	WMRS			5
PINEGEN	414689	5408906	0.02346	347.9	347.9	0 ANNUAL	WMRS			5
PINEGEN	414689	5409106	0.02318	349	349	0 ANNUAL	WMRS			5
PINEGEN	414889	5408306	0.02529	345	345	0 ANNUAL	WMRS			5
PINEGEN	414889	5408506	0.02505	346	346	0 ANNUAL	WMRS			5
PINEGEN	414889	5408706	0.02473	347	347	0 ANNUAL	WMRS			5
PINEGEN	414889	5408906	0.02438	347.03	347.03	0 ANNUAL	WMRS			5
PINEGEN	414889	5409106	0.02408	348	348	0 ANNUAL	WMRS			5
PINEGEN	415089	5408306	0.0263	345	345	0 ANNUAL	WMRS			5
PINEGEN	415089	5408506	0.02609	346	346	0 ANNUAL	WMRS			5
PINEGEN	415089	5408706	0.02576	347	347	0 ANNUAL	WMRS			5
PINEGEN	415089	5408906	0.0254	348	348	0 ANNUAL	WMRS			5
PINEGEN	415089	5409106	0.02508	349	349	0 ANNUAL	WMRS			5
PINEGEN	415289	5408306	0.02737	345	345	0 ANNUAL	WMRS			5
PINEGEN	415289	5408506	0.02718	346	346	0 ANNUAL	WMRS			5
PINEGEN	415289	5408706	0.02685	347	347	0 ANNUAL	WMRS			5
PINEGEN	415289	5408906	0.02648	348	348	0 ANNUAL	WMRS			5
PINEGEN	415289	5409106	0.02612	349	349	0 ANNUAL	WMRS			5
PINEGEN	415489	5408306	0.02851	345	345	0 ANNUAL	WMRS			5
PINEGEN	415489	5408506	0.02835	346	346	0 ANNUAL	WMRS			5
PINEGEN	415489	5408706	0.02802	347	347	0 ANNUAL	WMRS			5
PINEGEN	415489	5408906	0.02762	348	348	0 ANNUAL	WMRS			5
PINEGEN	415489	5409106	0.02724	349	349	0 ANNUAL	WMRS			5
PINEGEN	415689	5408306	0.02969	344	344	0 ANNUAL	WMRS			5
PINEGEN	415689	5408506	0.02959	346	346	0 ANNUAL	WMRS			5
PINEGEN	415689	5408706	0.02927	347	347	0 ANNUAL	WMRS			5
PINEGEN	415689	5408906	0.02886	348.55	348.55	0 ANNUAL	WMRS			5
PINEGEN	415689	5409106	0.02846	350	350	0 ANNUAL	WMRS			5
PINEGEN	415889	5408306	0.03094	343	343	0 ANNUAL	WMRS			5
PINEGEN	415889	5408506	0.03086	344	344	0 ANNUAL	WMRS			5
PINEGEN	415889	5408706	0.03061	347	347	0 ANNUAL	WMRS			5
PINEGEN	415889	5408906	0.0302	349	349	0 ANNUAL	WMRS			5
PINEGEN	415889	5409106	0.02975	350	350	0 ANNUAL	WMRS			5
PINEGEN	416089	5408306	0.0323	343	343	0 ANNUAL	WMRS			5
PINEGEN	416089	5408506	0.0322	342	342	0 ANNUAL	WMRS			5
PINEGEN	416089	5408706	0.03198	345	345	0 ANNUAL	WMRS			5
PINEGEN	416089	5408906	0.03159	347.97	347.97	0 ANNUAL	WMRS			5
PINEGEN	416089	5409106	0.03113	350	350	0 ANNUAL	WMRS			5
PINEGEN	416289	5408306	0.03371	342	342	0 ANNUAL	WMRS			5
PINEGEN	416289	5408506	0.0337	342	342	0 ANNUAL	WMRS			5
PINEGEN	416289	5408706	0.03341	342	342	0 ANNUAL	WMRS			5
PINEGEN	416289	5408906	0.03309	346.94	346.94	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	416289	5409106	0.03263	350	350	0 ANNUAL	WMRS			5
PINEGEN	416489	5408306	0.03524	341.92	341.92	0 ANNUAL	WMRS			5
PINEGEN	416489	5408506	0.03534	343	343	0 ANNUAL	WMRS			5
PINEGEN	416489	5408706	0.03517	345.23	345.23	0 ANNUAL	WMRS			5
PINEGEN	416489	5408906	0.03477	348	348	0 ANNUAL	WMRS			5
PINEGEN	416489	5409106	0.03425	350	350	0 ANNUAL	WMRS			5
PINEGEN	416689	5408306	0.03697	344	344	0 ANNUAL	WMRS			5
PINEGEN	416689	5408506	0.03717	345.73	345.73	0 ANNUAL	WMRS			5
PINEGEN	416689	5408706	0.03701	347	347	0 ANNUAL	WMRS			5
PINEGEN	416689	5408906	0.03655	348	348	0 ANNUAL	WMRS			5
PINEGEN	416689	5409106	0.03597	349	349	0 ANNUAL	WMRS			5
PINEGEN	416889	5408306	0.03875	344	344	0 ANNUAL	WMRS			5
PINEGEN	416889	5408506	0.03899	345	345	0 ANNUAL	WMRS			5
PINEGEN	416889	5408706	0.03885	345.23	345.23	0 ANNUAL	WMRS			5
PINEGEN	416889	5408906	0.03841	346	346	0 ANNUAL	WMRS			5
PINEGEN	416889	5409106	0.03779	347	347	0 ANNUAL	WMRS			5
PINEGEN	417089	5408306	0.04056	342	342	0 ANNUAL	WMRS			5
PINEGEN	417089	5408506	0.04083	342	342	0 ANNUAL	WMRS			5
PINEGEN	417089	5408706	0.0408	343	343	0 ANNUAL	WMRS			5
PINEGEN	417089	5408906	0.04037	343.45	343.45	0 ANNUAL	WMRS			5
PINEGEN	417089	5409106	0.03976	345	345	0 ANNUAL	WMRS			5
PINEGEN	417289	5408306	0.04264	342.14	342.14	0 ANNUAL	WMRS			5
PINEGEN	417289	5408506	0.04303	343.33	343.33	0 ANNUAL	WMRS			5
PINEGEN	417289	5408706	0.04307	344	344	0 ANNUAL	WMRS			5
PINEGEN	417289	5408906	0.04271	345	345	0 ANNUAL	WMRS			5
PINEGEN	417289	5409106	0.042	345	345	0 ANNUAL	WMRS			5
PINEGEN	417489	5408306	0.04493	343	343	0 ANNUAL	WMRS			5
PINEGEN	417489	5408506	0.04538	344	344	0 ANNUAL	WMRS			5
PINEGEN	417489	5408706	0.04548	344.08	344.08	0 ANNUAL	WMRS			5
PINEGEN	417489	5408906	0.04517	345	345	0 ANNUAL	WMRS			5
PINEGEN	417489	5409106	0.0445	346	346	0 ANNUAL	WMRS			5
PINEGEN	416689	5408106	0.03658	342.72	342.72	0 ANNUAL	WMRS			5
PINEGEN	416689	5407906	0.03618	341	341	0 ANNUAL	WMRS			5
PINEGEN	416689	5407706	0.03601	340	340	0 ANNUAL	WMRS			5
PINEGEN	416689	5407506	0.03612	340	340	0 ANNUAL	WMRS			5
PINEGEN	416689	5407306	0.03642	340.88	340.88	0 ANNUAL	WMRS			5
PINEGEN	416689	5407106	0.03673	341	341	0 ANNUAL	WMRS			5
PINEGEN	416689	5406906	0.03704	342	342	0 ANNUAL	WMRS			5
PINEGEN	416689	5406706	0.03725	342.88	342.88	0 ANNUAL	WMRS			5
PINEGEN	416689	5406506	0.03732	343.3	343.3	0 ANNUAL	WMRS			5
PINEGEN	416689	5406306	0.03722	344.04	344.04	0 ANNUAL	WMRS			5
PINEGEN	416689	5406106	0.03687	345	345	0 ANNUAL	WMRS			5
PINEGEN	416689	5405906	0.03624	346	346	0 ANNUAL	WMRS			5
PINEGEN	416689	5405706	0.03531	347	347	0 ANNUAL	WMRS			5
PINEGEN	416689	5405506	0.03414	348	348	0 ANNUAL	WMRS			5
PINEGEN	416689	5405306	0.03282	349	349	0 ANNUAL	WMRS			5
PINEGEN	416689	5405106	0.03143	350	350	0 ANNUAL	WMRS			5
PINEGEN	416889	5408106	0.03833	343	343	0 ANNUAL	WMRS			5
PINEGEN	416889	5407906	0.03794	341	341	0 ANNUAL	WMRS			5
PINEGEN	416889	5407706	0.03784	340	340	0 ANNUAL	WMRS			5
PINEGEN	416889	5407506	0.03802	340	340	0 ANNUAL	WMRS			5



Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	416889	5407306	0.03833	340	340	0 ANNUAL	WMRS		5	
PINEGEN	416889	5407106	0.03869	341	341	0 ANNUAL	WMRS		5	
PINEGEN	416889	5406906	0.03898	342	342	0 ANNUAL	WMRS		5	
PINEGEN	416889	5406706	0.03915	343	343	0 ANNUAL	WMRS		5	
PINEGEN	416889	5406506	0.03915	344	344	0 ANNUAL	WMRS		5	
PINEGEN	416889	5406306	0.0389	345	345	0 ANNUAL	WMRS		5	
PINEGEN	416889	5406106	0.03831	345	345	0 ANNUAL	WMRS		5	
PINEGEN	416889	5405906	0.03743	346	346	0 ANNUAL	WMRS		5	
PINEGEN	416889	5405706	0.03626	347	347	0 ANNUAL	WMRS		5	
PINEGEN	416889	5405506	0.03488	348	348	0 ANNUAL	WMRS		5	
PINEGEN	416889	5405306	0.0334	349.09	349.09	0 ANNUAL	WMRS		5	
PINEGEN	416889	5405106	0.03191	350.12	350.12	0 ANNUAL	WMRS		5	
PINEGEN	417089	5408106	0.04017	342	342	0 ANNUAL	WMRS		5	
PINEGEN	417089	5407906	0.03988	341	341	0 ANNUAL	WMRS		5	
PINEGEN	417089	5407706	0.03986	340	340	0 ANNUAL	WMRS		5	
PINEGEN	417089	5407506	0.04011	340	340	0 ANNUAL	WMRS		5	
PINEGEN	417089	5407306	0.04045	340	340	0 ANNUAL	WMRS		5	
PINEGEN	417089	5407106	0.04081	341	341	0 ANNUAL	WMRS		5	
PINEGEN	417089	5406906	0.04106	342	342	0 ANNUAL	WMRS		5	
PINEGEN	417089	5406706	0.04116	343	343	0 ANNUAL	WMRS		5	
PINEGEN	417089	5406506	0.04101	344	344	0 ANNUAL	WMRS		5	
PINEGEN	417089	5406306	0.04055	345	345	0 ANNUAL	WMRS		5	
PINEGEN	417089	5406106	0.03974	346	346	0 ANNUAL	WMRS		5	
PINEGEN	417089	5405906	0.03858	347	347	0 ANNUAL	WMRS		5	
PINEGEN	417089	5405706	0.03716	347.89	347.89	0 ANNUAL	WMRS		5	
PINEGEN	417089	5405506	0.03559	349	349	0 ANNUAL	WMRS		5	
PINEGEN	417089	5405306	0.03397	350	350	0 ANNUAL	WMRS		5	
PINEGEN	417089	5405106	0.0324	351.14	351.14	0 ANNUAL	WMRS		5	
PINEGEN	417289	5408106	0.04219	341	341	0 ANNUAL	WMRS		5	
PINEGEN	417289	5407906	0.04196	340	340	0 ANNUAL	WMRS		5	
PINEGEN	417289	5407706	0.04208	340	340	0 ANNUAL	WMRS		5	
PINEGEN	417289	5407506	0.04239	340	340	0 ANNUAL	WMRS		5	
PINEGEN	417289	5407306	0.04279	341	341	0 ANNUAL	WMRS		5	
PINEGEN	417289	5407106	0.04313	342	342	0 ANNUAL	WMRS		5	
PINEGEN	417289	5406906	0.04333	343	343	0 ANNUAL	WMRS		5	
PINEGEN	417289	5406706	0.04327	343.3	343.3	0 ANNUAL	WMRS		5	
PINEGEN	417289	5406506	0.04291	344	344	0 ANNUAL	WMRS		5	
PINEGEN	417289	5406306	0.04219	345	345	0 ANNUAL	WMRS		5	
PINEGEN	417289	5406106	0.04107	346	346	0 ANNUAL	WMRS		5	
PINEGEN	417289	5405906	0.03962	347	347	0 ANNUAL	WMRS		5	
PINEGEN	417289	5405706	0.03797	348	348	0 ANNUAL	WMRS		5	
PINEGEN	417289	5405506	0.03622	349	349	0 ANNUAL	WMRS		5	
PINEGEN	417289	5405306	0.0345	350	350	0 ANNUAL	WMRS		5	
PINEGEN	417289	5405106	0.03292	353	353	0 ANNUAL	WMRS		5	
PINEGEN	417489	5408106	0.04451	342	342	0 ANNUAL	WMRS		5	
PINEGEN	417489	5407906	0.04437	341	341	0 ANNUAL	WMRS		5	
PINEGEN	417489	5407706	0.04452	340	340	0 ANNUAL	WMRS		5	
PINEGEN	417489	5407506	0.04488	340	340	0 ANNUAL	WMRS		5	
PINEGEN	417489	5407306	0.04529	341	341	0 ANNUAL	WMRS		5	
PINEGEN	417489	5407106	0.04559	341.99	341.99	0 ANNUAL	WMRS		5	
PINEGEN	417489	5406906	0.04563	342	342	0 ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	417489	5406706	0.04542	343	343	0 ANNUAL	WMRS			5
PINEGEN	417489	5406506	0.04481	344	344	0 ANNUAL	WMRS			5
PINEGEN	417489	5406306	0.04376	345	345	0 ANNUAL	WMRS			5
PINEGEN	417489	5406106	0.04231	346	346	0 ANNUAL	WMRS			5
PINEGEN	417489	5405906	0.04058	347	347	0 ANNUAL	WMRS			5
PINEGEN	417489	5405706	0.03871	348	348	0 ANNUAL	WMRS			5
PINEGEN	417489	5405506	0.03681	348.07	348.07	0 ANNUAL	WMRS			5
PINEGEN	417489	5405306	0.03504	349.95	349.95	0 ANNUAL	WMRS			5
PINEGEN	417489	5405106	0.03341	352.34	352.34	0 ANNUAL	WMRS			5
PINEGEN	416489	5405906	0.035	346	346	0 ANNUAL	WMRS			5
PINEGEN	416489	5405706	0.0343	347	347	0 ANNUAL	WMRS			5
PINEGEN	416489	5405506	0.03334	348	348	0 ANNUAL	WMRS			5
PINEGEN	416489	5405306	0.0322	349	349	0 ANNUAL	WMRS			5
PINEGEN	416489	5405106	0.03096	350.98	350.98	0 ANNUAL	WMRS			5
PINEGEN	416289	5405906	0.03376	347	347	0 ANNUAL	WMRS			5
PINEGEN	416289	5405706	0.03321	346	346	0 ANNUAL	WMRS			5
PINEGEN	416289	5405506	0.03248	347.84	347.84	0 ANNUAL	WMRS			5
PINEGEN	416289	5405306	0.03157	351.47	351.47	0 ANNUAL	WMRS			5
PINEGEN	416289	5405106	0.03039	359.11	359.11	0 ANNUAL	WMRS			5
PINEGEN	416089	5405906	0.0325	348	348	0 ANNUAL	WMRS			5
PINEGEN	416089	5405706	0.03215	348	348	0 ANNUAL	WMRS			5
PINEGEN	416089	5405506	0.03154	347	347	0 ANNUAL	WMRS			5
PINEGEN	416089	5405306	0.03082	350.6	350.6	0 ANNUAL	WMRS			5
PINEGEN	416089	5405106	0.02986	361	361	0 ANNUAL	WMRS			5
PINEGEN	415889	5405906	0.03119	346	346	0 ANNUAL	WMRS			5
PINEGEN	415889	5405706	0.03102	348	348	0 ANNUAL	WMRS			5
PINEGEN	415889	5405506	0.0306	348	348	0 ANNUAL	WMRS			5
PINEGEN	415889	5405306	0.03012	356.47	356.47	0 ANNUAL	WMRS			5
PINEGEN	415889	5405106	0.02925	360	360	0 ANNUAL	WMRS			5
PINEGEN	415689	5405906	0.02998	347	347	0 ANNUAL	WMRS			5
PINEGEN	415689	5405706	0.02989	348	348	0 ANNUAL	WMRS			5
PINEGEN	415689	5405506	0.02962	348.64	348.64	0 ANNUAL	WMRS			5
PINEGEN	415689	5405306	0.02922	352.29	360	0 ANNUAL	WMRS			5
PINEGEN	415689	5405106	0.02859	357.88	357.88	0 ANNUAL	WMRS			5
PINEGEN	415489	5405906	0.02878	347	347	0 ANNUAL	WMRS			5
PINEGEN	415489	5405706	0.02877	348	348	0 ANNUAL	WMRS			5
PINEGEN	415489	5405506	0.0286	348	348	0 ANNUAL	WMRS			5
PINEGEN	415489	5405306	0.02831	350	350	0 ANNUAL	WMRS			5
PINEGEN	415489	5405106	0.02786	353.88	353.88	0 ANNUAL	WMRS			5
PINEGEN	415289	5405906	0.02762	346	346	0 ANNUAL	WMRS			5
PINEGEN	415289	5405706	0.02766	347	347	0 ANNUAL	WMRS			5
PINEGEN	415289	5405506	0.0276	348	348	0 ANNUAL	WMRS			5
PINEGEN	415289	5405306	0.0274	349	349	0 ANNUAL	WMRS			5
PINEGEN	415289	5405106	0.02704	350	350	0 ANNUAL	WMRS			5
PINEGEN	415089	5405906	0.02653	345.76	345.76	0 ANNUAL	WMRS			5
PINEGEN	415089	5405706	0.02658	345.96	345.96	0 ANNUAL	WMRS			5
PINEGEN	415089	5405506	0.02656	346	346	0 ANNUAL	WMRS			5
PINEGEN	415089	5405306	0.02645	346.52	346.52	0 ANNUAL	WMRS			5
PINEGEN	415089	5405106	0.02621	347.49	347.49	0 ANNUAL	WMRS			5
PINEGEN	414889	5405906	0.02544	343	343	0 ANNUAL	WMRS			5
PINEGEN	414889	5405706	0.02554	344	344	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	414889	5405506	0.02558	344.98	344.98	0 ANNUAL	WMRS			5
PINEGEN	414889	5405306	0.02554	346	346	0 ANNUAL	WMRS			5
PINEGEN	414889	5405106	0.02537	346.01	346.01	0 ANNUAL	WMRS			5
PINEGEN	414689	5405906	0.02446	343	343	0 ANNUAL	WMRS			5
PINEGEN	414689	5405706	0.02458	344	344	0 ANNUAL	WMRS			5
PINEGEN	414689	5405506	0.02464	345	345	0 ANNUAL	WMRS			5
PINEGEN	414689	5405306	0.02465	346	346	0 ANNUAL	WMRS			5
PINEGEN	414689	5405106	0.02458	347	347	0 ANNUAL	WMRS			5
PINEGEN	414489	5405906	0.02354	343	343	0 ANNUAL	WMRS			5
PINEGEN	414489	5405706	0.02366	344	344	0 ANNUAL	WMRS			5
PINEGEN	414489	5405506	0.02375	345	345	0 ANNUAL	WMRS			5
PINEGEN	414489	5405306	0.02379	346	346	0 ANNUAL	WMRS			5
PINEGEN	414489	5405106	0.02377	347	347	0 ANNUAL	WMRS			5
PINEGEN	414289	5405906	0.02267	343	343	0 ANNUAL	WMRS			5
PINEGEN	414289	5405706	0.02279	344	344	0 ANNUAL	WMRS			5
PINEGEN	414289	5405506	0.02289	345.13	345.13	0 ANNUAL	WMRS			5
PINEGEN	414289	5405306	0.02297	346.78	346.78	0 ANNUAL	WMRS			5
PINEGEN	414289	5405106	0.02299	348	348	0 ANNUAL	WMRS			5
PINEGEN	414089	5405906	0.02182	342.01	342.01	0 ANNUAL	WMRS			5
PINEGEN	414089	5405706	0.02197	344	344	0 ANNUAL	WMRS			5
PINEGEN	414089	5405506	0.02208	345	345	0 ANNUAL	WMRS			5
PINEGEN	414089	5405306	0.02217	346.91	346.91	0 ANNUAL	WMRS			5
PINEGEN	414089	5405106	0.02221	348	348	0 ANNUAL	WMRS			5
PINEGEN	413889	5405906	0.02104	342	342	0 ANNUAL	WMRS			5
PINEGEN	413889	5405706	0.02118	343	343	0 ANNUAL	WMRS			5
PINEGEN	413889	5405506	0.0213	345	345	0 ANNUAL	WMRS			5
PINEGEN	413889	5405306	0.02139	346	346	0 ANNUAL	WMRS			5
PINEGEN	413889	5405106	0.02143	346	346	0 ANNUAL	WMRS			5
PINEGEN	413689	5405906	0.02027	341	341	0 ANNUAL	WMRS			5
PINEGEN	413689	5405706	0.02042	342	342	0 ANNUAL	WMRS			5
PINEGEN	413689	5405506	0.02055	344	344	0 ANNUAL	WMRS			5
PINEGEN	413689	5405306	0.02063	344	344	0 ANNUAL	WMRS			5
PINEGEN	413689	5405106	0.02067	343	343	0 ANNUAL	WMRS			5
PINEGEN	413489	5405906	0.01956	341	341	0 ANNUAL	WMRS			5
PINEGEN	413489	5405706	0.0197	341	341	0 ANNUAL	WMRS			5
PINEGEN	413489	5405506	0.01984	342.87	342.87	0 ANNUAL	WMRS			5
PINEGEN	413489	5405306	0.01991	342	342	0 ANNUAL	WMRS			5
PINEGEN	413489	5405106	0.01996	341	341	0 ANNUAL	WMRS			5
PINEGEN	414289	5406106	0.0225	342	342	0 ANNUAL	WMRS			5
PINEGEN	414289	5406306	0.02231	341	341	0 ANNUAL	WMRS			5
PINEGEN	414289	5406506	0.02211	340	340	0 ANNUAL	WMRS			5
PINEGEN	414289	5406706	0.02195	340	340	0 ANNUAL	WMRS			5
PINEGEN	414289	5406906	0.02188	341	341	0 ANNUAL	WMRS			5
PINEGEN	414289	5407906	0.02271	343	343	0 ANNUAL	WMRS			5
PINEGEN	414289	5408106	0.02271	344	344	0 ANNUAL	WMRS			5
PINEGEN	414289	5408306	0.02256	345	345	0 ANNUAL	WMRS			5
PINEGEN	414289	5408506	0.02231	346	346	0 ANNUAL	WMRS			5
PINEGEN	414289	5408706	0.02202	347	347	0 ANNUAL	WMRS			5
PINEGEN	414289	5408906	0.02176	348.63	348.63	0 ANNUAL	WMRS			5
PINEGEN	414289	5409106	0.02153	350	350	0 ANNUAL	WMRS			5
PINEGEN	414089	5406106	0.02165	341	341	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	414089	5406306	0.02146	340	340	0 ANNUAL	WMRS			5
PINEGEN	414089	5406506	0.02128	340	340	0 ANNUAL	WMRS			5
PINEGEN	414089	5406706	0.02115	340.21	340.21	0 ANNUAL	WMRS			5
PINEGEN	414089	5406906	0.02112	341	341	0 ANNUAL	WMRS			5
PINEGEN	414089	5408106	0.02191	344	344	0 ANNUAL	WMRS			5
PINEGEN	414089	5408306	0.02175	345	345	0 ANNUAL	WMRS			5
PINEGEN	414089	5408506	0.0215	346	346	0 ANNUAL	WMRS			5
PINEGEN	414089	5408706	0.02123	347	347	0 ANNUAL	WMRS			5
PINEGEN	414089	5408906	0.02098	348	348	0 ANNUAL	WMRS			5
PINEGEN	414089	5409106	0.02076	349	349	0 ANNUAL	WMRS			5
PINEGEN	413889	5406106	0.02086	341	341	0 ANNUAL	WMRS			5
PINEGEN	413889	5406306	0.02067	340	340	0 ANNUAL	WMRS			5
PINEGEN	413889	5406506	0.02053	341	341	0 ANNUAL	WMRS			5
PINEGEN	413889	5406706	0.02043	342	342	0 ANNUAL	WMRS			5
PINEGEN	413889	5406906	0.02044	343	343	0 ANNUAL	WMRS			5
PINEGEN	413889	5408106	0.02116	344	344	0 ANNUAL	WMRS			5
PINEGEN	413889	5408306	0.02098	345	345	0 ANNUAL	WMRS			5
PINEGEN	413889	5408506	0.02073	346	346	0 ANNUAL	WMRS			5
PINEGEN	413889	5408706	0.02047	347	347	0 ANNUAL	WMRS			5
PINEGEN	413889	5408906	0.02024	348	348	0 ANNUAL	WMRS			5
PINEGEN	413889	5409106	0.02004	349	349	0 ANNUAL	WMRS			5
PINEGEN	413689	5406106	0.0201	340	340	0 ANNUAL	WMRS			5
PINEGEN	413689	5406306	0.01993	340	340	0 ANNUAL	WMRS			5
PINEGEN	413689	5406506	0.0198	341	341	0 ANNUAL	WMRS			5
PINEGEN	413689	5406706	0.01975	343	343	0 ANNUAL	WMRS			5
PINEGEN	413689	5406906	0.0198	344.89	344.89	0 ANNUAL	WMRS			5
PINEGEN	413689	5407106	0.01995	346	346	0 ANNUAL	WMRS			5
PINEGEN	413689	5407306	0.02017	346	346	0 ANNUAL	WMRS			5
PINEGEN	413689	5407506	0.02037	345	345	0 ANNUAL	WMRS			5
PINEGEN	413689	5407706	0.02051	344	344	0 ANNUAL	WMRS			5
PINEGEN	413689	5407906	0.02052	343	343	0 ANNUAL	WMRS			5
PINEGEN	413689	5408106	0.02044	344	344	0 ANNUAL	WMRS			5
PINEGEN	413689	5408306	0.02025	345	345	0 ANNUAL	WMRS			5
PINEGEN	413689	5408506	0.02002	346.97	346.97	0 ANNUAL	WMRS			5
PINEGEN	413689	5408706	0.01978	348	348	0 ANNUAL	WMRS			5
PINEGEN	413689	5408906	0.01955	348.18	348.18	0 ANNUAL	WMRS			5
PINEGEN	413689	5409106	0.0194	351.83	351.83	0 ANNUAL	WMRS			5
PINEGEN	413489	5406106	0.01939	340	340	0 ANNUAL	WMRS			5
PINEGEN	413489	5406306	0.01923	340	340	0 ANNUAL	WMRS			5
PINEGEN	413489	5406506	0.01911	340	340	0 ANNUAL	WMRS			5
PINEGEN	413489	5406706	0.01908	341.66	341.66	0 ANNUAL	WMRS			5
PINEGEN	413489	5406906	0.01919	345	345	0 ANNUAL	WMRS			5
PINEGEN	413489	5407106	0.01937	347	347	0 ANNUAL	WMRS			5
PINEGEN	413489	5407306	0.0196	348	348	0 ANNUAL	WMRS			5
PINEGEN	413489	5407506	0.01978	346.62	346.62	0 ANNUAL	WMRS			5
PINEGEN	413489	5407706	0.01988	345	345	0 ANNUAL	WMRS			5
PINEGEN	413489	5407906	0.01987	344.06	344.06	0 ANNUAL	WMRS			5
PINEGEN	413489	5408106	0.01975	344	344	0 ANNUAL	WMRS			5
PINEGEN	413489	5408306	0.01956	345	345	0 ANNUAL	WMRS			5
PINEGEN	413489	5408506	0.01932	346	346	0 ANNUAL	WMRS			5
PINEGEN	413489	5408706	0.01911	348	348	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	413489	5408906	0.01891	349	349	0 ANNUAL	WMRS			5
PINEGEN	413489	5409106	0.0185	361.75	361.75	0 ANNUAL	WMRS			5
PINEGEN	413489	5409606	0.01824	358	358	0 ANNUAL	WMRS			5
PINEGEN	413489	5410106	0.01759	357	357	0 ANNUAL	WMRS			5
PINEGEN	413489	5410606	0.01685	355	355	0 ANNUAL	WMRS			5
PINEGEN	413489	5411106	0.01614	356	356	0 ANNUAL	WMRS			5
PINEGEN	413489	5411606	0.01566	357	357	0 ANNUAL	WMRS			5
PINEGEN	413489	5412106	0.01563	356	356	0 ANNUAL	WMRS			5
PINEGEN	413989	5409606	0.01976	361	361	0 ANNUAL	WMRS			5
PINEGEN	413989	5410106	0.01895	359	359	0 ANNUAL	WMRS			5
PINEGEN	413989	5410606	0.01828	357	357	0 ANNUAL	WMRS			5
PINEGEN	413989	5411106	0.01698	363.64	363.64	0 ANNUAL	WMRS			5
PINEGEN	413989	5411606	0.01657	363	363	0 ANNUAL	WMRS			5
PINEGEN	413989	5412106	0.01679	360	360	0 ANNUAL	WMRS			5
PINEGEN	414489	5409606	0.02167	357.99	357.99	0 ANNUAL	WMRS			5
PINEGEN	414489	5410106	0.02055	362.35	362.35	0 ANNUAL	WMRS			5
PINEGEN	414489	5410606	0.01967	359	359	0 ANNUAL	WMRS			5
PINEGEN	414489	5411106	0.01866	360	360	0 ANNUAL	WMRS			5
PINEGEN	414489	5411606	0.01819	361	361	0 ANNUAL	WMRS			5
PINEGEN	414489	5412106	0.01828	363	363	0 ANNUAL	WMRS			5
PINEGEN	414989	5409606	0.02382	352.32	352.32	0 ANNUAL	WMRS			5
PINEGEN	414989	5410106	0.02259	360	360	0 ANNUAL	WMRS			5
PINEGEN	414989	5410606	0.02138	361	361	0 ANNUAL	WMRS			5
PINEGEN	414989	5411106	0.02015	364	364	0 ANNUAL	WMRS			5
PINEGEN	414989	5411606	0.01976	368	368	0 ANNUAL	WMRS			5
PINEGEN	414989	5412106	0.02004	366	366	0 ANNUAL	WMRS			5
PINEGEN	415489	5409606	0.02632	352	352	0 ANNUAL	WMRS			5
PINEGEN	415489	5410106	0.02514	355	355	0 ANNUAL	WMRS			5
PINEGEN	415489	5410606	0.02345	361.86	361.86	0 ANNUAL	WMRS			5
PINEGEN	415489	5411106	0.02204	366.4	366.4	0 ANNUAL	WMRS			5
PINEGEN	415489	5411606	0.02181	370	370	0 ANNUAL	WMRS			5
PINEGEN	415489	5412106	0.02206	370	370	0 ANNUAL	WMRS			5
PINEGEN	415989	5409606	0.0293	353	353	0 ANNUAL	WMRS			5
PINEGEN	415989	5410106	0.02787	353.31	353.31	0 ANNUAL	WMRS			5
PINEGEN	415989	5410606	0.02607	360	360	0 ANNUAL	WMRS			5
PINEGEN	415989	5411106	0.02469	362	362	0 ANNUAL	WMRS			5
PINEGEN	415989	5411606	0.02469	360.33	360.33	0 ANNUAL	WMRS			5
PINEGEN	415989	5412106	0.02457	367.9	367.9	0 ANNUAL	WMRS			5
PINEGEN	416489	5409606	0.03284	352	352	0 ANNUAL	WMRS			5
PINEGEN	416489	5410106	0.03117	354	354	0 ANNUAL	WMRS			5
PINEGEN	416489	5410606	0.02945	353.47	353.47	0 ANNUAL	WMRS			5
PINEGEN	416489	5411106	0.02718	368.67	369	0 ANNUAL	WMRS			5
PINEGEN	416489	5411606	0.02778	359.36	359.36	0 ANNUAL	WMRS			5
PINEGEN	416489	5412106	0.0277	360.18	360.18	0 ANNUAL	WMRS			5
PINEGEN	416989	5409606	0.03709	349.41	349.41	0 ANNUAL	WMRS			5
PINEGEN	416989	5410106	0.03507	351	351	0 ANNUAL	WMRS			5
PINEGEN	416989	5410606	0.03299	349	349	0 ANNUAL	WMRS			5
PINEGEN	416989	5411106	0.03184	355.37	355.37	0 ANNUAL	WMRS			5
PINEGEN	416989	5411606	0.0313	361.02	361.02	0 ANNUAL	WMRS			5
PINEGEN	416989	5412106	0.03135	360	360	0 ANNUAL	WMRS			5
PINEGEN	417489	5409606	0.04232	347	347	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	417489	5410106	0.0398	347	347	0 ANNUAL	WMRS			5
PINEGEN	417489	5410606	0.03741	348	348	0 ANNUAL	WMRS			5
PINEGEN	417489	5411106	0.03613	349	349	0 ANNUAL	WMRS			5
PINEGEN	417489	5411606	0.03551	365.28	365.28	0 ANNUAL	WMRS			5
PINEGEN	417489	5412106	0.03533	369.67	369.67	0 ANNUAL	WMRS			5
PINEGEN	417989	5409606	0.04889	345	345	0 ANNUAL	WMRS			5
PINEGEN	417989	5410106	0.04579	346	346	0 ANNUAL	WMRS			5
PINEGEN	417989	5410606	0.04293	347	347	0 ANNUAL	WMRS			5
PINEGEN	417989	5411106	0.0417	349	349	0 ANNUAL	WMRS			5
PINEGEN	417989	5411606	0.04173	357.92	357.92	0 ANNUAL	WMRS			5
PINEGEN	417989	5412106	0.04208	366	366	0 ANNUAL	WMRS			5
PINEGEN	418489	5409606	0.05744	345	345	0 ANNUAL	WMRS			5
PINEGEN	418489	5410106	0.05348	346	346	0 ANNUAL	WMRS			5
PINEGEN	418489	5410606	0.05001	347	347	0 ANNUAL	WMRS			5
PINEGEN	418989	5409606	0.06905	348	348	0 ANNUAL	WMRS			5
PINEGEN	418989	5410106	0.06381	349	349	0 ANNUAL	WMRS			5
PINEGEN	418989	5410606	0.05959	351	351	0 ANNUAL	WMRS			5
PINEGEN	419489	5409606	0.08501	351.16	351.16	0 ANNUAL	WMRS			5
PINEGEN	419489	5410106	0.07807	355.27	355.27	0 ANNUAL	WMRS			5
PINEGEN	419489	5410606	0.07264	356	356	0 ANNUAL	WMRS			5
PINEGEN	417989	5409106	0.05157	344	344	0 ANNUAL	WMRS			5
PINEGEN	417989	5408606	0.05226	343	343	0 ANNUAL	WMRS			5
PINEGEN	417989	5408106	0.05127	341	341	0 ANNUAL	WMRS			5
PINEGEN	417989	5407606	0.05207	341	341	0 ANNUAL	WMRS			5
PINEGEN	417989	5407106	0.05248	342	342	0 ANNUAL	WMRS			5
PINEGEN	417989	5406606	0.05009	342	342	0 ANNUAL	WMRS			5
PINEGEN	417989	5406106	0.04493	343.99	343.99	0 ANNUAL	WMRS			5
PINEGEN	417989	5405606	0.03938	348	348	0 ANNUAL	WMRS			5
PINEGEN	417989	5405106	0.03483	354	354	0 ANNUAL	WMRS			5
PINEGEN	417989	5404606	0.03072	359.29	359.29	0 ANNUAL	WMRS			5
PINEGEN	417989	5404106	0.02848	353.81	353.81	0 ANNUAL	WMRS			5
PINEGEN	417989	5403606	0.02665	345	345	0 ANNUAL	WMRS			5
PINEGEN	417989	5403106	0.02552	356.37	356.37	0 ANNUAL	WMRS			5
PINEGEN	417989	5402606	0.02392	354	354	0 ANNUAL	WMRS			5
PINEGEN	417989	5402106	0.02205	352.54	352.54	0 ANNUAL	WMRS			5
PINEGEN	418489	5409106	0.06081	344.89	344.89	0 ANNUAL	WMRS			5
PINEGEN	418489	5408606	0.06094	344	344	0 ANNUAL	WMRS			5
PINEGEN	418489	5408106	0.06024	341	341	0 ANNUAL	WMRS			5
PINEGEN	418489	5407606	0.06136	342	342	0 ANNUAL	WMRS			5
PINEGEN	418489	5407106	0.06016	343	343	0 ANNUAL	WMRS			5
PINEGEN	418489	5406606	0.05456	343	343	0 ANNUAL	WMRS			5
PINEGEN	418489	5406106	0.04737	346	346	0 ANNUAL	WMRS			5
PINEGEN	418489	5405606	0.04096	343	343	0 ANNUAL	WMRS			5
PINEGEN	418489	5405106	0.03626	345.29	345.29	0 ANNUAL	WMRS			5
PINEGEN	418489	5404606	0.03306	349	349	0 ANNUAL	WMRS			5
PINEGEN	418489	5404106	0.03111	356.33	356.33	0 ANNUAL	WMRS			5
PINEGEN	418489	5403606	0.02904	345.46	345.46	0 ANNUAL	WMRS			5
PINEGEN	418489	5403106	0.02704	358.05	358.05	0 ANNUAL	WMRS			5
PINEGEN	418489	5402606	0.02436	363.83	370	0 ANNUAL	WMRS			5
PINEGEN	418489	5402106	0.02215	358	358	0 ANNUAL	WMRS			5
PINEGEN	418989	5409106	0.07301	347	347	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	418989	5408606	0.07233	345	345	0 ANNUAL	WMRS		5	
PINEGEN	418989	5408106	0.07235	342	342	0 ANNUAL	WMRS		5	
PINEGEN	418989	5407606	0.0727	343	343	0 ANNUAL	WMRS		5	
PINEGEN	418989	5407106	0.06782	346	346	0 ANNUAL	WMRS		5	
PINEGEN	418989	5406606	0.05851	347	347	0 ANNUAL	WMRS		5	
PINEGEN	418989	5406106	0.04986	347	347	0 ANNUAL	WMRS		5	
PINEGEN	418989	5405606	0.04353	350.74	350.74	0 ANNUAL	WMRS		5	
PINEGEN	418989	5405106	0.03906	347	347	0 ANNUAL	WMRS		5	
PINEGEN	418989	5404606	0.03643	352	352	0 ANNUAL	WMRS		5	
PINEGEN	418989	5404106	0.03391	355.19	355.19	0 ANNUAL	WMRS		5	
PINEGEN	418989	5403606	0.03082	358	358	0 ANNUAL	WMRS		5	
PINEGEN	418989	5403106	0.02766	356	356	0 ANNUAL	WMRS		5	
PINEGEN	418989	5402606	0.02467	357	357	0 ANNUAL	WMRS		5	
PINEGEN	418989	5402106	0.02177	361.55	371	0 ANNUAL	WMRS		5	
PINEGEN	419489	5409106	0.08926	348	348	0 ANNUAL	WMRS		5	
PINEGEN	419489	5408606	0.08807	346	346	0 ANNUAL	WMRS		5	
PINEGEN	419489	5408106	0.08844	342	342	0 ANNUAL	WMRS		5	
PINEGEN	419489	5407606	0.08518	343.15	343.15	0 ANNUAL	WMRS		5	
PINEGEN	419489	5407106	0.07417	346	346	0 ANNUAL	WMRS		5	
PINEGEN	419489	5406606	0.06215	348.32	348.32	0 ANNUAL	WMRS		5	
PINEGEN	419489	5405606	0.04743	354	354	0 ANNUAL	WMRS		5	
PINEGEN	419489	5405106	0.04337	349	349	0 ANNUAL	WMRS		5	
PINEGEN	419489	5404606	0.03964	351	351	0 ANNUAL	WMRS		5	
PINEGEN	419489	5404106	0.03545	354	354	0 ANNUAL	WMRS		5	
PINEGEN	419489	5403606	0.03124	355	355	0 ANNUAL	WMRS		5	
PINEGEN	419489	5403106	0.02753	355	355	0 ANNUAL	WMRS		5	
PINEGEN	419489	5402606	0.0245	355	355	0 ANNUAL	WMRS		5	
PINEGEN	419489	5402106	0.02212	355	355	0 ANNUAL	WMRS		5	
PINEGEN	419989	5409106	0.11207	350	350	0 ANNUAL	WMRS		5	
PINEGEN	419989	5406606	0.06666	348	348	0 ANNUAL	WMRS		5	
PINEGEN	419989	5405606	0.05312	357	357	0 ANNUAL	WMRS		5	
PINEGEN	419989	5405106	0.04712	351.23	351.23	0 ANNUAL	WMRS		5	
PINEGEN	419989	5404606	0.04091	348	348	0 ANNUAL	WMRS		5	
PINEGEN	419989	5404106	0.03551	351.63	351.63	0 ANNUAL	WMRS		5	
PINEGEN	419989	5403606	0.03103	352	352	0 ANNUAL	WMRS		5	
PINEGEN	419989	5403106	0.02759	353	353	0 ANNUAL	WMRS		5	
PINEGEN	419989	5402606	0.02501	356	356	0 ANNUAL	WMRS		5	
PINEGEN	419989	5402106	0.02273	358.53	358.53	0 ANNUAL	WMRS		5	
PINEGEN	420489	5409106	0.14522	350	350	0 ANNUAL	WMRS		5	
PINEGEN	420489	5408606	0.14378	345.95	345.95	0 ANNUAL	WMRS		5	
PINEGEN	420489	5408106	0.13227	343	343	0 ANNUAL	WMRS		5	
PINEGEN	420489	5405606	0.0571	356	356	0 ANNUAL	WMRS		5	
PINEGEN	420489	5405106	0.04831	354.81	354.81	0 ANNUAL	WMRS		5	
PINEGEN	420489	5404606	0.04095	349	349	0 ANNUAL	WMRS		5	
PINEGEN	420489	5404106	0.03563	358	358	0 ANNUAL	WMRS		5	
PINEGEN	420489	5403606	0.03133	360	360	0 ANNUAL	WMRS		5	
PINEGEN	420489	5403106	0.02886	357.19	357.19	0 ANNUAL	WMRS		5	
PINEGEN	420489	5402606	0.02635	357	357	0 ANNUAL	WMRS		5	
PINEGEN	420489	5402106	0.02384	360	360	0 ANNUAL	WMRS		5	
PINEGEN	417489	5404606	0.02951	360	360	0 ANNUAL	WMRS		5	
PINEGEN	417489	5404106	0.02682	349	349	0 ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	417489	5403606	0.02472	350	350	0 ANNUAL	WMRS			5
PINEGEN	417489	5403106	0.0233	345	345	0 ANNUAL	WMRS			5
PINEGEN	417489	5402606	0.02236	349	349	0 ANNUAL	WMRS			5
PINEGEN	417489	5402106	0.02129	355	355	0 ANNUAL	WMRS			5
PINEGEN	416989	5404606	0.02878	356.24	356.24	0 ANNUAL	WMRS			5
PINEGEN	416989	5404106	0.0258	347.17	347.17	0 ANNUAL	WMRS			5
PINEGEN	416989	5403606	0.02343	346	346	0 ANNUAL	WMRS			5
PINEGEN	416989	5403106	0.02169	346	346	0 ANNUAL	WMRS			5
PINEGEN	416989	5402606	0.02057	345	345	0 ANNUAL	WMRS			5
PINEGEN	416989	5402106	0.01982	347	347	0 ANNUAL	WMRS			5
PINEGEN	416489	5404606	0.02772	350.43	350.43	0 ANNUAL	WMRS			5
PINEGEN	416489	5404106	0.02494	348	348	0 ANNUAL	WMRS			5
PINEGEN	416489	5403606	0.02269	348	348	0 ANNUAL	WMRS			5
PINEGEN	416489	5403106	0.02075	347	347	0 ANNUAL	WMRS			5
PINEGEN	416489	5402606	0.01926	345	345	0 ANNUAL	WMRS			5
PINEGEN	416489	5402106	0.01834	346	346	0 ANNUAL	WMRS			5
PINEGEN	415989	5404606	0.02675	358.85	358.85	0 ANNUAL	WMRS			5
PINEGEN	415989	5404106	0.02424	353.53	353.53	0 ANNUAL	WMRS			5
PINEGEN	415989	5403606	0.02199	348.94	348.94	0 ANNUAL	WMRS			5
PINEGEN	415989	5403106	0.02013	347	347	0 ANNUAL	WMRS			5
PINEGEN	415989	5402606	0.01849	344.77	344.77	0 ANNUAL	WMRS			5
PINEGEN	415989	5402106	0.01724	344	344	0 ANNUAL	WMRS			5
PINEGEN	415489	5404606	0.02586	350.18	350.18	0 ANNUAL	WMRS			5
PINEGEN	415489	5404106	0.0235	349.74	349.74	0 ANNUAL	WMRS			5
PINEGEN	415489	5403606	0.02132	348	348	0 ANNUAL	WMRS			5
PINEGEN	415489	5403106	0.01954	347	347	0 ANNUAL	WMRS			5
PINEGEN	415489	5402606	0.018	345	345	0 ANNUAL	WMRS			5
PINEGEN	415489	5402106	0.01662	343	343	0 ANNUAL	WMRS			5
PINEGEN	414989	5404606	0.02465	348.54	348.54	0 ANNUAL	WMRS			5
PINEGEN	414989	5404106	0.0228	349	349	0 ANNUAL	WMRS			5
PINEGEN	414989	5403606	0.02074	347	347	0 ANNUAL	WMRS			5
PINEGEN	414989	5403106	0.01895	345	345	0 ANNUAL	WMRS			5
PINEGEN	414989	5402606	0.01749	344	344	0 ANNUAL	WMRS			5
PINEGEN	414989	5402106	0.0162	342	342	0 ANNUAL	WMRS			5
PINEGEN	414489	5404606	0.02325	349.15	349.15	0 ANNUAL	WMRS			5
PINEGEN	414489	5404106	0.02197	349	349	0 ANNUAL	WMRS			5
PINEGEN	414489	5403606	0.02022	347	347	0 ANNUAL	WMRS			5
PINEGEN	414489	5403106	0.01844	342.37	342.37	0 ANNUAL	WMRS			5
PINEGEN	414489	5402606	0.01698	342	342	0 ANNUAL	WMRS			5
PINEGEN	414489	5402106	0.01578	341	341	0 ANNUAL	WMRS			5
PINEGEN	413989	5404606	0.02171	350	350	0 ANNUAL	WMRS			5
PINEGEN	413989	5404106	0.02097	350	350	0 ANNUAL	WMRS			5
PINEGEN	413989	5403606	0.01963	346.63	346.63	0 ANNUAL	WMRS			5
PINEGEN	413989	5403106	0.01801	341	341	0 ANNUAL	WMRS			5
PINEGEN	413989	5402606	0.01655	340	340	0 ANNUAL	WMRS			5
PINEGEN	413989	5402106	0.01538	343	343	0 ANNUAL	WMRS			5
PINEGEN	413489	5404606	0.01999	340	340	0 ANNUAL	WMRS			5
PINEGEN	413489	5404106	0.01977	347.02	347.02	0 ANNUAL	WMRS			5
PINEGEN	413489	5403606	0.01889	345	345	0 ANNUAL	WMRS			5
PINEGEN	413489	5403106	0.01757	340	340	0 ANNUAL	WMRS			5
PINEGEN	413489	5402606	0.01622	341	341	0 ANNUAL	WMRS			5



Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	413489	5402106	0.01502	344.46	344.46	0 ANNUAL	WMRS			5
PINEGEN	412989	5404606	0.01848	339	339	0 ANNUAL	WMRS			5
PINEGEN	412989	5404106	0.01842	339	339	0 ANNUAL	WMRS			5
PINEGEN	412989	5403606	0.01795	338.18	338.18	0 ANNUAL	WMRS			5
PINEGEN	412989	5403106	0.01707	341	341	0 ANNUAL	WMRS			5
PINEGEN	412989	5402606	0.01592	344	344	0 ANNUAL	WMRS			5
PINEGEN	412989	5402106	0.01473	346	346	0 ANNUAL	WMRS			5
PINEGEN	412489	5404606	0.01709	338	338	0 ANNUAL	WMRS			5
PINEGEN	412489	5404106	0.01716	338.86	338.86	0 ANNUAL	WMRS			5
PINEGEN	412489	5403606	0.01701	341	341	0 ANNUAL	WMRS			5
PINEGEN	412489	5403106	0.01646	343.96	343.96	0 ANNUAL	WMRS			5
PINEGEN	412489	5402606	0.01557	348	348	0 ANNUAL	WMRS			5
PINEGEN	412489	5402106	0.01448	348	348	0 ANNUAL	WMRS			5
PINEGEN	411989	5404606	0.01588	339	339	0 ANNUAL	WMRS			5
PINEGEN	411989	5404106	0.01595	337	337	0 ANNUAL	WMRS			5
PINEGEN	411989	5403606	0.01596	339	339	0 ANNUAL	WMRS			5
PINEGEN	411989	5403106	0.0157	342.3	342.3	0 ANNUAL	WMRS			5
PINEGEN	411989	5402606	0.01512	351	351	0 ANNUAL	WMRS			5
PINEGEN	411989	5402106	0.0142	349	349	0 ANNUAL	WMRS			5
PINEGEN	411489	5404606	0.01478	340.02	340.02	0 ANNUAL	WMRS			5
PINEGEN	411489	5404106	0.01484	335	335	0 ANNUAL	WMRS			5
PINEGEN	411489	5403606	0.01494	339	339	0 ANNUAL	WMRS			5
PINEGEN	411489	5403106	0.01488	343	343	0 ANNUAL	WMRS			5
PINEGEN	411489	5402606	0.01453	348	348	0 ANNUAL	WMRS			5
PINEGEN	411489	5402106	0.01384	348	348	0 ANNUAL	WMRS			5
PINEGEN	410989	5404606	0.01378	340	340	0 ANNUAL	WMRS			5
PINEGEN	410989	5404106	0.01387	336	336	0 ANNUAL	WMRS			5
PINEGEN	410989	5403606	0.01397	339	339	0 ANNUAL	WMRS			5
PINEGEN	410989	5403106	0.01402	343	343	0 ANNUAL	WMRS			5
PINEGEN	410989	5402606	0.01387	347	347	0 ANNUAL	WMRS			5
PINEGEN	410989	5402106	0.0134	346	346	0 ANNUAL	WMRS			5
PINEGEN	410489	5404606	0.01288	341	341	0 ANNUAL	WMRS			5
PINEGEN	410489	5404106	0.01298	335	335	0 ANNUAL	WMRS			5
PINEGEN	410489	5403606	0.01308	337.41	337.41	0 ANNUAL	WMRS			5
PINEGEN	410489	5403106	0.0132	347	347	0 ANNUAL	WMRS			5
PINEGEN	410489	5402606	0.01316	348.05	348.05	0 ANNUAL	WMRS			5
PINEGEN	410489	5402106	0.0129	348	348	0 ANNUAL	WMRS			5
PINEGEN	412989	5405106	0.01837	340	340	0 ANNUAL	WMRS			5
PINEGEN	412989	5405606	0.01812	339	339	0 ANNUAL	WMRS			5
PINEGEN	412989	5406106	0.0178	342.28	342.28	0 ANNUAL	WMRS			5
PINEGEN	412989	5406606	0.01769	348.53	367	0 ANNUAL	WMRS			5
PINEGEN	412989	5407106	0.01808	353	353	0 ANNUAL	WMRS			5
PINEGEN	412989	5407606	0.01842	348	348	0 ANNUAL	WMRS			5
PINEGEN	412989	5408106	0.0182	346	346	0 ANNUAL	WMRS			5
PINEGEN	412989	5408606	0.01768	347.82	347.82	0 ANNUAL	WMRS			5
PINEGEN	412989	5409106	0.01718	359	359	0 ANNUAL	WMRS			5
PINEGEN	412989	5409606	0.01679	361	361	0 ANNUAL	WMRS			5
PINEGEN	412989	5410106	0.01614	359	359	0 ANNUAL	WMRS			5
PINEGEN	412989	5410606	0.01562	355	355	0 ANNUAL	WMRS			5
PINEGEN	412989	5411106	0.01497	354	354	0 ANNUAL	WMRS			5
PINEGEN	412989	5411606	0.01449	356	356	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	412989	5412106	0.01426	359	359	0 ANNUAL	WMRS			5
PINEGEN	412489	5405106	0.01697	340	340	0 ANNUAL	WMRS			5
PINEGEN	412489	5405606	0.01671	341	341	0 ANNUAL	WMRS			5
PINEGEN	412489	5406106	0.01643	345	345	0 ANNUAL	WMRS			5
PINEGEN	412489	5406606	0.01643	348	348	0 ANNUAL	WMRS			5
PINEGEN	412489	5407106	0.01684	348	348	0 ANNUAL	WMRS			5
PINEGEN	412489	5407606	0.01711	348	348	0 ANNUAL	WMRS			5
PINEGEN	412489	5408106	0.01683	348	348	0 ANNUAL	WMRS			5
PINEGEN	412489	5408606	0.01636	350	350	0 ANNUAL	WMRS			5
PINEGEN	412489	5409106	0.01605	355	355	0 ANNUAL	WMRS			5
PINEGEN	412489	5409606	0.01562	358.02	358.02	0 ANNUAL	WMRS			5
PINEGEN	412489	5410106	0.01511	356.55	356.55	0 ANNUAL	WMRS			5
PINEGEN	412489	5410606	0.01451	352	352	0 ANNUAL	WMRS			5
PINEGEN	412489	5411106	0.01394	354	354	0 ANNUAL	WMRS			5
PINEGEN	412489	5411606	0.01329	358.99	358.99	0 ANNUAL	WMRS			5
PINEGEN	412489	5412106	0.01315	360	360	0 ANNUAL	WMRS			5
PINEGEN	411989	5405106	0.01574	342	342	0 ANNUAL	WMRS			5
PINEGEN	411989	5405606	0.01544	342	342	0 ANNUAL	WMRS			5
PINEGEN	411989	5406106	0.01519	343	343	0 ANNUAL	WMRS			5
PINEGEN	411989	5406606	0.01533	344	344	0 ANNUAL	WMRS			5
PINEGEN	411989	5407106	0.01576	346	346	0 ANNUAL	WMRS			5
PINEGEN	411989	5407606	0.01591	347	347	0 ANNUAL	WMRS			5
PINEGEN	411989	5408106	0.01559	349	349	0 ANNUAL	WMRS			5
PINEGEN	411989	5408606	0.01518	351.14	351.14	0 ANNUAL	WMRS			5
PINEGEN	411989	5409106	0.01492	355	355	0 ANNUAL	WMRS			5
PINEGEN	411989	5409606	0.01454	351	351	0 ANNUAL	WMRS			5
PINEGEN	411989	5410106	0.01403	350	350	0 ANNUAL	WMRS			5
PINEGEN	411989	5410606	0.01352	350	350	0 ANNUAL	WMRS			5
PINEGEN	411989	5411106	0.01304	356	356	0 ANNUAL	WMRS			5
PINEGEN	411989	5411606	0.01234	360	360	0 ANNUAL	WMRS			5
PINEGEN	411989	5412106	0.01227	358.84	358.84	0 ANNUAL	WMRS			5
PINEGEN	411489	5405106	0.0146	342	342	0 ANNUAL	WMRS			5
PINEGEN	411489	5405606	0.01432	344	344	0 ANNUAL	WMRS			5
PINEGEN	411489	5406106	0.01418	346	346	0 ANNUAL	WMRS			5
PINEGEN	411489	5406606	0.01442	347	347	0 ANNUAL	WMRS			5
PINEGEN	411489	5407106	0.01481	348	348	0 ANNUAL	WMRS			5
PINEGEN	411489	5407606	0.01483	348	348	0 ANNUAL	WMRS			5
PINEGEN	411489	5408106	0.01449	349	349	0 ANNUAL	WMRS			5
PINEGEN	411489	5408606	0.01414	352	352	0 ANNUAL	WMRS			5
PINEGEN	411489	5409106	0.01388	350	350	0 ANNUAL	WMRS			5
PINEGEN	411489	5409606	0.01357	350	350	0 ANNUAL	WMRS			5
PINEGEN	411489	5410106	0.01311	350	350	0 ANNUAL	WMRS			5
PINEGEN	411489	5410606	0.01265	349	349	0 ANNUAL	WMRS			5
PINEGEN	411489	5411106	0.01221	353.73	353.73	0 ANNUAL	WMRS			5
PINEGEN	411489	5411606	0.0117	358	358	0 ANNUAL	WMRS			5
PINEGEN	411489	5412106	0.01157	355	355	0 ANNUAL	WMRS			5
PINEGEN	410989	5405106	0.01357	342	342	0 ANNUAL	WMRS			5
PINEGEN	410989	5405606	0.01332	344	344	0 ANNUAL	WMRS			5
PINEGEN	410989	5406106	0.01329	346	346	0 ANNUAL	WMRS			5
PINEGEN	410989	5406606	0.0136	347	347	0 ANNUAL	WMRS			5
PINEGEN	410989	5407106	0.01392	349	349	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	410989	5407606	0.01386	350	350	0 ANNUAL	WMRS			5
PINEGEN	410989	5408106	0.01351	350	350	0 ANNUAL	WMRS			5
PINEGEN	410989	5408606	0.0132	351	351	0 ANNUAL	WMRS			5
PINEGEN	410989	5409106	0.01297	348	348	0 ANNUAL	WMRS			5
PINEGEN	410989	5409606	0.0127	350	350	0 ANNUAL	WMRS			5
PINEGEN	410989	5410106	0.01229	350	350	0 ANNUAL	WMRS			5
PINEGEN	410989	5410606	0.01187	348	348	0 ANNUAL	WMRS			5
PINEGEN	410989	5411106	0.01148	353	353	0 ANNUAL	WMRS			5
PINEGEN	410989	5411606	0.01106	354	354	0 ANNUAL	WMRS			5
PINEGEN	410989	5412106	0.01082	350.65	350.65	0 ANNUAL	WMRS			5
PINEGEN	410489	5405106	0.01264	342	342	0 ANNUAL	WMRS			5
PINEGEN	410489	5405606	0.01244	344	344	0 ANNUAL	WMRS			5
PINEGEN	410489	5406106	0.01252	345	345	0 ANNUAL	WMRS			5
PINEGEN	410489	5406606	0.01286	347	347	0 ANNUAL	WMRS			5
PINEGEN	410489	5407106	0.01309	348	348	0 ANNUAL	WMRS			5
PINEGEN	410489	5407606	0.01296	349	349	0 ANNUAL	WMRS			5
PINEGEN	410489	5408106	0.01263	350	350	0 ANNUAL	WMRS			5
PINEGEN	410489	5408606	0.01234	348	348	0 ANNUAL	WMRS			5
PINEGEN	410489	5409106	0.01216	346	346	0 ANNUAL	WMRS			5
PINEGEN	410489	5409606	0.0119	346	346	0 ANNUAL	WMRS			5
PINEGEN	410489	5410106	0.01153	347	347	0 ANNUAL	WMRS			5
PINEGEN	410489	5410606	0.01116	347.45	347.45	0 ANNUAL	WMRS			5
PINEGEN	410489	5411106	0.0108	349.99	349.99	0 ANNUAL	WMRS			5
PINEGEN	410489	5411606	0.01037	344.49	344.49	0 ANNUAL	WMRS			5
PINEGEN	410489	5412106	0.01015	349	349	0 ANNUAL	WMRS			5
PINEGEN	410489	5413106	0.01028	353.38	353.38	0 ANNUAL	WMRS			5
PINEGEN	410489	5414106	0.01009	361.45	361.45	0 ANNUAL	WMRS			5
PINEGEN	410489	5415106	0.01014	361	361	0 ANNUAL	WMRS			5
PINEGEN	410489	5416106	0.01121	366	366	0 ANNUAL	WMRS			5
PINEGEN	410489	5417106	0.01097	369	369	0 ANNUAL	WMRS			5
PINEGEN	411489	5413106	0.0117	350	350	0 ANNUAL	WMRS			5
PINEGEN	411489	5414106	0.01157	357	357	0 ANNUAL	WMRS			5
PINEGEN	411489	5415106	0.01222	354.84	354.84	0 ANNUAL	WMRS			5
PINEGEN	411489	5416106	0.01283	358	358	0 ANNUAL	WMRS			5
PINEGEN	411489	5417106	0.01227	365	365	0 ANNUAL	WMRS			5
PINEGEN	412489	5413106	0.01333	360	360	0 ANNUAL	WMRS			5
PINEGEN	412489	5414106	0.01337	358.08	358.08	0 ANNUAL	WMRS			5
PINEGEN	412489	5415106	0.01454	348.91	348.91	0 ANNUAL	WMRS			5
PINEGEN	412489	5416106	0.01464	350	350	0 ANNUAL	WMRS			5
PINEGEN	412489	5417106	0.01492	354	354	0 ANNUAL	WMRS			5
PINEGEN	413489	5413106	0.01546	359.42	359.42	0 ANNUAL	WMRS			5
PINEGEN	413489	5414106	0.01585	365.93	365.93	0 ANNUAL	WMRS			5
PINEGEN	413489	5415106	0.01722	354.21	354.21	0 ANNUAL	WMRS			5
PINEGEN	413489	5416106	0.01717	350	350	0 ANNUAL	WMRS			5
PINEGEN	413489	5417106	0.0178	352	352	0 ANNUAL	WMRS			5
PINEGEN	414489	5413106	0.01796	370	370	0 ANNUAL	WMRS			5
PINEGEN	414489	5414106	0.02	368.83	368.83	0 ANNUAL	WMRS			5
PINEGEN	414489	5415106	0.01982	365.71	365.71	0 ANNUAL	WMRS			5
PINEGEN	414489	5416106	0.02095	350	350	0 ANNUAL	WMRS			5
PINEGEN	414489	5417106	0.02052	351	351	0 ANNUAL	WMRS			5
PINEGEN	415489	5413106	0.02226	369.94	369.94	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	415489	5414106	0.02435	379	379	0 ANNUAL	WMRS			5
PINEGEN	415489	5415106	0.02432	370	370	0 ANNUAL	WMRS			5
PINEGEN	415489	5416106	0.02515	362.74	362.74	0 ANNUAL	WMRS			5
PINEGEN	415489	5417106	0.02306	355.43	355.43	0 ANNUAL	WMRS			5
PINEGEN	416489	5413106	0.02981	364	364	0 ANNUAL	WMRS			5
PINEGEN	416489	5414106	0.02816	388.13	388.13	0 ANNUAL	WMRS			5
PINEGEN	416489	5415106	0.0315	368	368	0 ANNUAL	WMRS			5
PINEGEN	416489	5416106	0.02861	361	361	0 ANNUAL	WMRS			5
PINEGEN	416489	5417106	0.02634	361.66	361.66	0 ANNUAL	WMRS			5
PINEGEN	417489	5413106	0.03925	364.93	370	0 ANNUAL	WMRS			5
PINEGEN	417489	5414106	0.04027	367	367	0 ANNUAL	WMRS			5
PINEGEN	417489	5415106	0.03647	380	380	0 ANNUAL	WMRS			5
PINEGEN	417489	5416106	0.03348	369	369	0 ANNUAL	WMRS			5
PINEGEN	417489	5417106	0.03184	369.28	369.28	0 ANNUAL	WMRS			5
PINEGEN	418489	5414106	0.05145	369	369	0 ANNUAL	WMRS			5
PINEGEN	418489	5415106	0.04407	379.99	379.99	0 ANNUAL	WMRS			5
PINEGEN	418489	5416106	0.04221	372	372	0 ANNUAL	WMRS			5
PINEGEN	418489	5417106	0.03976	364.25	364.25	0 ANNUAL	WMRS			5
PINEGEN	419489	5413106	0.07455	379.3	379.3	0 ANNUAL	WMRS			5
PINEGEN	419489	5414106	0.06477	372	372	0 ANNUAL	WMRS			5
PINEGEN	419489	5415106	0.05853	380.64	380.64	0 ANNUAL	WMRS			5
PINEGEN	419489	5416106	0.05146	388	388	0 ANNUAL	WMRS			5
PINEGEN	419489	5417106	0.04402	377.72	377.72	0 ANNUAL	WMRS			5
PINEGEN	420489	5414106	0.09049	379.98	379.98	0 ANNUAL	WMRS			5
PINEGEN	420489	5415106	0.07337	380	380	0 ANNUAL	WMRS			5
PINEGEN	420489	5416106	0.05983	388.43	388.43	0 ANNUAL	WMRS			5
PINEGEN	420489	5417106	0.05104	391.83	391.83	0 ANNUAL	WMRS			5
PINEGEN	421489	5415106	0.09004	380.87	380.87	0 ANNUAL	WMRS			5
PINEGEN	421489	5416106	0.06541	390.79	398	0 ANNUAL	WMRS			5
PINEGEN	421489	5417106	0.05225	391.78	391.78	0 ANNUAL	WMRS			5
PINEGEN	422489	5415106	0.09325	387.48	387.48	0 ANNUAL	WMRS			5
PINEGEN	422489	5416106	0.07027	392	392	0 ANNUAL	WMRS			5
PINEGEN	422489	5417106	0.05348	400.18	400.18	0 ANNUAL	WMRS			5
PINEGEN	423489	5415106	0.0963	394.52	394.52	0 ANNUAL	WMRS			5
PINEGEN	423489	5416106	0.07441	394	394	0 ANNUAL	WMRS			5
PINEGEN	423489	5417106	0.06093	389	389	0 ANNUAL	WMRS			5
PINEGEN	424489	5415106	0.08626	393.34	393.34	0 ANNUAL	WMRS			5
PINEGEN	424489	5416106	0.07334	384	384	0 ANNUAL	WMRS			5
PINEGEN	424489	5417106	0.06102	377	377	0 ANNUAL	WMRS			5
PINEGEN	425489	5415106	0.0901	378	378	0 ANNUAL	WMRS			5
PINEGEN	425489	5416106	0.06827	377.78	377.78	0 ANNUAL	WMRS			5
PINEGEN	425489	5417106	0.05263	377.38	377.38	0 ANNUAL	WMRS			5
PINEGEN	421489	5408106	0.17952	351	351	0 ANNUAL	WMRS			5
PINEGEN	421489	5407106	0.11307	358	358	0 ANNUAL	WMRS			5
PINEGEN	421489	5404106	0.03945	359	359	0 ANNUAL	WMRS			5
PINEGEN	421489	5403106	0.031	364	364	0 ANNUAL	WMRS			5
PINEGEN	421489	5402106	0.02544	365	365	0 ANNUAL	WMRS			5
PINEGEN	421489	5401106	0.02137	369.45	369.45	0 ANNUAL	WMRS			5
PINEGEN	421489	5400106	0.01844	362	362	0 ANNUAL	WMRS			5
PINEGEN	421489	5399106	0.01605	359	359	0 ANNUAL	WMRS			5
PINEGEN	421489	5398106	0.01404	370	370	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	421489	5397106	0.01247	365	365	0 ANNUAL	WMRS			5
PINEGEN	422489	5408106	0.24831	356	356	0 ANNUAL	WMRS			5
PINEGEN	422489	5407106	0.1295	358.1	358.1	0 ANNUAL	WMRS			5
PINEGEN	422489	5406106	0.08173	360	360	0 ANNUAL	WMRS			5
PINEGEN	422489	5405106	0.05744	360	360	0 ANNUAL	WMRS			5
PINEGEN	422489	5404106	0.04313	357	357	0 ANNUAL	WMRS			5
PINEGEN	422489	5403106	0.03338	374.96	374.96	0 ANNUAL	WMRS			5
PINEGEN	422489	5402106	0.02696	372	372	0 ANNUAL	WMRS			5
PINEGEN	422489	5401106	0.02219	370	370	0 ANNUAL	WMRS			5
PINEGEN	422489	5400106	0.01858	368.12	368.12	0 ANNUAL	WMRS			5
PINEGEN	422489	5399106	0.01582	363.71	363.71	0 ANNUAL	WMRS			5
PINEGEN	422489	5398106	0.01361	369	369	0 ANNUAL	WMRS			5
PINEGEN	422489	5397106	0.01189	366.36	366.36	0 ANNUAL	WMRS			5
PINEGEN	423489	5408106	0.27814	354	354	0 ANNUAL	WMRS			5
PINEGEN	423489	5406106	0.07859	361	361	0 ANNUAL	WMRS			5
PINEGEN	423489	5405106	0.05401	359	359	0 ANNUAL	WMRS			5
PINEGEN	423489	5404106	0.03996	358	358	0 ANNUAL	WMRS			5
PINEGEN	423489	5403106	0.02957	376	376	0 ANNUAL	WMRS			5
PINEGEN	423489	5402106	0.02383	376	376	0 ANNUAL	WMRS			5
PINEGEN	423489	5401106	0.01966	378	378	0 ANNUAL	WMRS			5
PINEGEN	423489	5400106	0.01668	375.48	375.48	0 ANNUAL	WMRS			5
PINEGEN	423489	5399106	0.01444	367	367	0 ANNUAL	WMRS			5
PINEGEN	423489	5398106	0.01253	370	370	0 ANNUAL	WMRS			5
PINEGEN	423489	5397106	0.0111	362.4	362.4	0 ANNUAL	WMRS			5
PINEGEN	424489	5406106	0.08234	369.19	369.19	0 ANNUAL	WMRS			5
PINEGEN	424489	5405106	0.05576	368.07	368.07	0 ANNUAL	WMRS			5
PINEGEN	424489	5404106	0.04056	361.08	366	0 ANNUAL	WMRS			5
PINEGEN	424489	5403106	0.02983	377.23	377.23	0 ANNUAL	WMRS			5
PINEGEN	424489	5402106	0.02322	378	378	0 ANNUAL	WMRS			5
PINEGEN	424489	5401106	0.01882	376	376	0 ANNUAL	WMRS			5
PINEGEN	424489	5400106	0.01575	373.06	373.06	0 ANNUAL	WMRS			5
PINEGEN	424489	5399106	0.01353	370	370	0 ANNUAL	WMRS			5
PINEGEN	424489	5398106	0.01193	365	365	0 ANNUAL	WMRS			5
PINEGEN	424489	5397106	0.01102	357	357	0 ANNUAL	WMRS			5
PINEGEN	425489	5407106	0.14029	366.67	366.67	0 ANNUAL	WMRS			5
PINEGEN	425489	5406106	0.08548	378.68	378.68	0 ANNUAL	WMRS			5
PINEGEN	425489	5405106	0.05889	362	362	0 ANNUAL	WMRS			5
PINEGEN	425489	5404106	0.04187	370	370	0 ANNUAL	WMRS			5
PINEGEN	425489	5403106	0.03204	370	370	0 ANNUAL	WMRS			5
PINEGEN	425489	5402106	0.02526	377.99	377.99	0 ANNUAL	WMRS			5
PINEGEN	425489	5401106	0.0211	375	375	0 ANNUAL	WMRS			5
PINEGEN	425489	5400106	0.01785	370	370	0 ANNUAL	WMRS			5
PINEGEN	425489	5399106	0.01517	368	368	0 ANNUAL	WMRS			5
PINEGEN	425489	5398106	0.01304	359	359	0 ANNUAL	WMRS			5
PINEGEN	425489	5397106	0.01132	359	359	0 ANNUAL	WMRS			5
PINEGEN	420489	5401106	0.02004	364	364	0 ANNUAL	WMRS			5
PINEGEN	420489	5400106	0.01731	359	359	0 ANNUAL	WMRS			5
PINEGEN	420489	5399106	0.01521	357	357	0 ANNUAL	WMRS			5
PINEGEN	420489	5398106	0.01326	361	361	0 ANNUAL	WMRS			5
PINEGEN	420489	5397106	0.01186	360	360	0 ANNUAL	WMRS			5
PINEGEN	419489	5401106	0.01869	358	358	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	419489	5400106	0.01617	361.28	361.28	0 ANNUAL	WMRS			5
PINEGEN	419489	5399106	0.0145	355	355	0 ANNUAL	WMRS			5
PINEGEN	419489	5398106	0.01269	359.29	359.29	0 ANNUAL	WMRS			5
PINEGEN	419489	5397106	0.0111	370.8	370.8	0 ANNUAL	WMRS			5
PINEGEN	418489	5401106	0.01793	362.6	362.6	0 ANNUAL	WMRS			5
PINEGEN	418489	5400106	0.015	363	363	0 ANNUAL	WMRS			5
PINEGEN	418489	5399106	0.01341	354	354	0 ANNUAL	WMRS			5
PINEGEN	418489	5398106	0.01206	354.91	354.91	0 ANNUAL	WMRS			5
PINEGEN	418489	5397106	0.01073	364.03	364.03	0 ANNUAL	WMRS			5
PINEGEN	417489	5401106	0.01829	351	351	0 ANNUAL	WMRS			5
PINEGEN	417489	5400106	0.01528	359	359	0 ANNUAL	WMRS			5
PINEGEN	417489	5399106	0.01308	350	350	0 ANNUAL	WMRS			5
PINEGEN	417489	5398106	0.01136	349	349	0 ANNUAL	WMRS			5
PINEGEN	417489	5397106	0.01017	354	354	0 ANNUAL	WMRS			5
PINEGEN	416489	5401106	0.0171	348.07	348.07	0 ANNUAL	WMRS			5
PINEGEN	416489	5400106	0.01535	354.16	354.16	0 ANNUAL	WMRS			5
PINEGEN	416489	5399106	0.0132	347	347	0 ANNUAL	WMRS			5
PINEGEN	416489	5398106	0.01143	350	350	0 ANNUAL	WMRS			5
PINEGEN	416489	5397106	0.01	351	351	0 ANNUAL	WMRS			5
PINEGEN	415489	5401106	0.01489	347	347	0 ANNUAL	WMRS			5
PINEGEN	415489	5400106	0.01407	347	347	0 ANNUAL	WMRS			5
PINEGEN	415489	5399106	0.01298	348	348	0 ANNUAL	WMRS			5
PINEGEN	415489	5398106	0.01148	346	346	0 ANNUAL	WMRS			5
PINEGEN	415489	5397106	0.01009	349.43	349.43	0 ANNUAL	WMRS			5
PINEGEN	414489	5401106	0.01373	344.99	344.99	0 ANNUAL	WMRS			5
PINEGEN	414489	5400106	0.01237	345	345	0 ANNUAL	WMRS			5
PINEGEN	414489	5399106	0.01181	348.68	348.68	0 ANNUAL	WMRS			5
PINEGEN	414489	5398106	0.01114	350	350	0 ANNUAL	WMRS			5
PINEGEN	414489	5397106	0.01009	348	348	0 ANNUAL	WMRS			5
PINEGEN	413489	5401106	0.0132	350	350	0 ANNUAL	WMRS			5
PINEGEN	413489	5400106	0.0116	348.95	348.95	0 ANNUAL	WMRS			5
PINEGEN	413489	5399106	0.01048	342	342	0 ANNUAL	WMRS			5
PINEGEN	413489	5398106	0.01003	343	343	0 ANNUAL	WMRS			5
PINEGEN	413489	5397106	0.00963	346	346	0 ANNUAL	WMRS			5
PINEGEN	412489	5401106	0.01253	345.75	345.75	0 ANNUAL	WMRS			5
PINEGEN	412489	5400106	0.01118	347	347	0 ANNUAL	WMRS			5
PINEGEN	412489	5399106	0.00995	350	350	0 ANNUAL	WMRS			5
PINEGEN	412489	5398106	0.009	336.36	336.36	0 ANNUAL	WMRS			5
PINEGEN	412489	5397106	0.0087	352	352	0 ANNUAL	WMRS			5
PINEGEN	411489	5401106	0.01206	341.01	341.01	0 ANNUAL	WMRS			5
PINEGEN	411489	5400106	0.01063	340	340	0 ANNUAL	WMRS			5
PINEGEN	411489	5399106	0.00961	339.84	339.84	0 ANNUAL	WMRS			5
PINEGEN	411489	5398106	0.0086	338	338	0 ANNUAL	WMRS			5
PINEGEN	411489	5397106	0.00786	337	337	0 ANNUAL	WMRS			5
PINEGEN	410489	5401106	0.01165	336	336	0 ANNUAL	WMRS			5
PINEGEN	410489	5400106	0.01021	333	333	0 ANNUAL	WMRS			5
PINEGEN	410489	5399106	0.00915	333	333	0 ANNUAL	WMRS			5
PINEGEN	410489	5398106	0.00836	333	333	0 ANNUAL	WMRS			5
PINEGEN	410489	5397106	0.00755	336	336	0 ANNUAL	WMRS			5
PINEGEN	409489	5401106	0.01108	331.92	331.92	0 ANNUAL	WMRS			5
PINEGEN	409489	5400106	0.00995	332	332	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	409489	5399106	0.0088	330	330	0 ANNUAL	WMRS			5
PINEGEN	409489	5398106	0.00802	331	331	0 ANNUAL	WMRS			5
PINEGEN	409489	5397106	0.00739	332	332	0 ANNUAL	WMRS			5
PINEGEN	408489	5401106	0.01036	339	339	0 ANNUAL	WMRS			5
PINEGEN	408489	5400106	0.00963	332.35	332.35	0 ANNUAL	WMRS			5
PINEGEN	408489	5399106	0.00863	336	336	0 ANNUAL	WMRS			5
PINEGEN	408489	5398106	0.00771	330	330	0 ANNUAL	WMRS			5
PINEGEN	408489	5397106	0.00711	332	332	0 ANNUAL	WMRS			5
PINEGEN	407489	5401106	0.00944	335.77	335.77	0 ANNUAL	WMRS			5
PINEGEN	407489	5400106	0.00919	340	340	0 ANNUAL	WMRS			5
PINEGEN	407489	5399106	0.00846	341.44	341.44	0 ANNUAL	WMRS			5
PINEGEN	407489	5398106	0.00753	330	330	0 ANNUAL	WMRS			5
PINEGEN	407489	5397106	0.00683	330	330	0 ANNUAL	WMRS			5
PINEGEN	406489	5401106	0.00857	338	338	0 ANNUAL	WMRS			5
PINEGEN	406489	5400106	0.00855	338	338	0 ANNUAL	WMRS			5
PINEGEN	406489	5399106	0.00813	334	334	0 ANNUAL	WMRS			5
PINEGEN	406489	5398106	0.0074	330	330	0 ANNUAL	WMRS			5
PINEGEN	406489	5397106	0.00666	330	330	0 ANNUAL	WMRS			5
PINEGEN	405489	5401106	0.0078	341	341	0 ANNUAL	WMRS			5
PINEGEN	405489	5400106	0.00786	340	340	0 ANNUAL	WMRS			5
PINEGEN	405489	5399106	0.0077	332	332	0 ANNUAL	WMRS			5
PINEGEN	405489	5398106	0.00722	330	330	0 ANNUAL	WMRS			5
PINEGEN	405489	5397106	0.00656	330	330	0 ANNUAL	WMRS			5
PINEGEN	409489	5402106	0.01165	336	336	0 ANNUAL	WMRS			5
PINEGEN	409489	5403106	0.0116	335	335	0 ANNUAL	WMRS			5
PINEGEN	409489	5404106	0.01144	336.7	336.7	0 ANNUAL	WMRS			5
PINEGEN	409489	5405106	0.01106	342	342	0 ANNUAL	WMRS			5
PINEGEN	409489	5406106	0.01124	344	344	0 ANNUAL	WMRS			5
PINEGEN	409489	5407106	0.01159	344.53	344.53	0 ANNUAL	WMRS			5
PINEGEN	409489	5408106	0.01108	343	343	0 ANNUAL	WMRS			5
PINEGEN	409489	5409106	0.01077	343	343	0 ANNUAL	WMRS			5
PINEGEN	409489	5410106	0.01022	340.89	340.89	0 ANNUAL	WMRS			5
PINEGEN	409489	5411106	0.00964	348	348	0 ANNUAL	WMRS			5
PINEGEN	409489	5412106	0.00907	355.12	355.12	0 ANNUAL	WMRS			5
PINEGEN	409489	5413106	0.00899	359.32	359.32	0 ANNUAL	WMRS			5
PINEGEN	409489	5414106	0.00914	355	355	0 ANNUAL	WMRS			5
PINEGEN	409489	5415106	0.00885	360	360	0 ANNUAL	WMRS			5
PINEGEN	409489	5416106	0.00951	361.39	361.39	0 ANNUAL	WMRS			5
PINEGEN	409489	5417106	0.01003	361.64	361.64	0 ANNUAL	WMRS			5
PINEGEN	408489	5402106	0.01041	330	330	0 ANNUAL	WMRS			5
PINEGEN	408489	5403106	0.01034	333	333	0 ANNUAL	WMRS			5
PINEGEN	408489	5404106	0.01011	335	335	0 ANNUAL	WMRS			5
PINEGEN	408489	5405106	0.00981	340	340	0 ANNUAL	WMRS			5
PINEGEN	408489	5406106	0.0102	341	341	0 ANNUAL	WMRS			5
PINEGEN	408489	5407106	0.01032	342	342	0 ANNUAL	WMRS			5
PINEGEN	408489	5408106	0.00984	340	340	0 ANNUAL	WMRS			5
PINEGEN	408489	5409106	0.00963	341	341	0 ANNUAL	WMRS			5
PINEGEN	408489	5410106	0.00918	343	343	0 ANNUAL	WMRS			5
PINEGEN	408489	5411106	0.00867	344	344	0 ANNUAL	WMRS			5
PINEGEN	408489	5412106	0.00815	354.96	354.96	0 ANNUAL	WMRS			5
PINEGEN	408489	5413106	0.0081	354	354	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	408489	5414106	0.00823	357	357	0 ANNUAL	WMRS			5
PINEGEN	408489	5415106	0.00801	358	358	0 ANNUAL	WMRS			5
PINEGEN	408489	5416106	0.00818	359.51	359.51	0 ANNUAL	WMRS			5
PINEGEN	408489	5417106	0.00892	349	349	0 ANNUAL	WMRS			5
PINEGEN	407489	5402106	0.00936	331	331	0 ANNUAL	WMRS			5
PINEGEN	407489	5403106	0.00926	330	330	0 ANNUAL	WMRS			5
PINEGEN	407489	5404106	0.00896	332	332	0 ANNUAL	WMRS			5
PINEGEN	407489	5405106	0.00883	334	334	0 ANNUAL	WMRS			5
PINEGEN	407489	5406106	0.00927	334	334	0 ANNUAL	WMRS			5
PINEGEN	407489	5407106	0.00923	341	341	0 ANNUAL	WMRS			5
PINEGEN	407489	5408106	0.00885	342	342	0 ANNUAL	WMRS			5
PINEGEN	407489	5409106	0.0087	345	345	0 ANNUAL	WMRS			5
PINEGEN	407489	5410106	0.00831	348	348	0 ANNUAL	WMRS			5
PINEGEN	407489	5411106	0.00789	351	351	0 ANNUAL	WMRS			5
PINEGEN	407489	5412106	0.00736	358	358	0 ANNUAL	WMRS			5
PINEGEN	407489	5413106	0.00718	359.74	359.74	0 ANNUAL	WMRS			5
PINEGEN	407489	5414106	0.00723	368	368	0 ANNUAL	WMRS			5
PINEGEN	407489	5415106	0.00727	358.6	358.6	0 ANNUAL	WMRS			5
PINEGEN	407489	5416106	0.00703	366	366	0 ANNUAL	WMRS			5
PINEGEN	407489	5417106	0.00781	346	346	0 ANNUAL	WMRS			5
PINEGEN	406489	5402106	0.0085	338	338	0 ANNUAL	WMRS			5
PINEGEN	406489	5403106	0.00833	331	331	0 ANNUAL	WMRS			5
PINEGEN	406489	5404106	0.00802	332.01	341	0 ANNUAL	WMRS			5
PINEGEN	406489	5405106	0.00812	338	338	0 ANNUAL	WMRS			5
PINEGEN	406489	5406106	0.0085	341	341	0 ANNUAL	WMRS			5
PINEGEN	406489	5407106	0.00833	344	344	0 ANNUAL	WMRS			5
PINEGEN	406489	5408106	0.00802	346	346	0 ANNUAL	WMRS			5
PINEGEN	406489	5409106	0.00791	349	349	0 ANNUAL	WMRS			5
PINEGEN	406489	5410106	0.00759	356	356	0 ANNUAL	WMRS			5
PINEGEN	406489	5411106	0.0071	361	361	0 ANNUAL	WMRS			5
PINEGEN	406489	5412106	0.00656	364	364	0 ANNUAL	WMRS			5
PINEGEN	406489	5413106	0.00648	361	361	0 ANNUAL	WMRS			5
PINEGEN	406489	5414106	0.00666	358.62	358.62	0 ANNUAL	WMRS			5
PINEGEN	406489	5415106	0.00669	349	349	0 ANNUAL	WMRS			5
PINEGEN	406489	5416106	0.00653	350	350	0 ANNUAL	WMRS			5
PINEGEN	406489	5417106	0.00682	342	342	0 ANNUAL	WMRS			5
PINEGEN	405489	5402106	0.00774	339	339	0 ANNUAL	WMRS			5
PINEGEN	405489	5403106	0.00752	334	334	0 ANNUAL	WMRS			5
PINEGEN	405489	5404106	0.00727	334	334	0 ANNUAL	WMRS			5
PINEGEN	405489	5405106	0.00751	338.46	338.46	0 ANNUAL	WMRS			5
PINEGEN	405489	5406106	0.00778	341	341	0 ANNUAL	WMRS			5
PINEGEN	405489	5407106	0.00753	342	342	0 ANNUAL	WMRS			5
PINEGEN	405489	5408106	0.00729	343	343	0 ANNUAL	WMRS			5
PINEGEN	405489	5409106	0.00721	344	344	0 ANNUAL	WMRS			5
PINEGEN	405489	5410106	0.00693	353	353	0 ANNUAL	WMRS			5
PINEGEN	405489	5411106	0.0065	362.66	362.66	0 ANNUAL	WMRS			5
PINEGEN	405489	5412106	0.00602	366	366	0 ANNUAL	WMRS			5
PINEGEN	405489	5413106	0.00591	360	360	0 ANNUAL	WMRS			5
PINEGEN	405489	5414106	0.0061	351.67	351.67	0 ANNUAL	WMRS			5
PINEGEN	405489	5415106	0.00613	345	345	0 ANNUAL	WMRS			5
PINEGEN	405489	5416106	0.00598	349	349	0 ANNUAL	WMRS			5



Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
PINEGEN	405489	5417106	0.00604	343	343	0 ANNUAL	WMRS			5
TMA	420878	5414263	0.09777	376	376	0 ANNUAL	WMRS			5
TMA	420878	5414283	0.09726	376	376	0 ANNUAL	WMRS			5
TMA	420878	5414303	0.09676	376	376	0 ANNUAL	WMRS			5
TMA	420878	5414323	0.09633	375.78	375.78	0 ANNUAL	WMRS			5
TMA	420878	5414343	0.096	375.31	375.31	0 ANNUAL	WMRS			5
TMA	420878	5414363	0.09561	375	375	0 ANNUAL	WMRS			5
TMA	420878	5414383	0.09512	375	375	0 ANNUAL	WMRS			5
TMA	420878	5414403	0.09464	375	375	0 ANNUAL	WMRS			5
TMA	420878	5414423	0.09417	375	375	0 ANNUAL	WMRS			5
TMA	420878	5414443	0.0937	375	375	0 ANNUAL	WMRS			5
TMA	420898	5414263	0.09815	376	376	0 ANNUAL	WMRS			5
TMA	420898	5414283	0.09764	376	376	0 ANNUAL	WMRS			5
TMA	420898	5414303	0.09714	376	376	0 ANNUAL	WMRS			5
TMA	420898	5414323	0.09688	375.29	375.29	0 ANNUAL	WMRS			5
TMA	420898	5414343	0.09648	375	375	0 ANNUAL	WMRS			5
TMA	420898	5414363	0.09599	375	375	0 ANNUAL	WMRS			5
TMA	420898	5414383	0.0955	375	375	0 ANNUAL	WMRS			5
TMA	420898	5414403	0.09502	375	375	0 ANNUAL	WMRS			5
TMA	420898	5414423	0.09455	375	375	0 ANNUAL	WMRS			5
TMA	420898	5414443	0.09408	375	375	0 ANNUAL	WMRS			5
TMA	420918	5414263	0.09859	375.87	375.87	0 ANNUAL	WMRS			5
TMA	420918	5414283	0.09837	375.03	375.03	0 ANNUAL	WMRS			5
TMA	420918	5414303	0.09785	375.05	375.05	0 ANNUAL	WMRS			5
TMA	420918	5414323	0.09736	375.02	375.02	0 ANNUAL	WMRS			5
TMA	420918	5414343	0.09687	375	375	0 ANNUAL	WMRS			5
TMA	420918	5414363	0.09638	375	375	0 ANNUAL	WMRS			5
TMA	420918	5414383	0.0959	375	375	0 ANNUAL	WMRS			5
TMA	420918	5414403	0.09542	375	375	0 ANNUAL	WMRS			5
TMA	420918	5414423	0.09495	375	375	0 ANNUAL	WMRS			5
TMA	420918	5414443	0.09448	375	375	0 ANNUAL	WMRS			5
TMA	420938	5414263	0.09929	375	375	0 ANNUAL	WMRS			5
TMA	420938	5414283	0.09878	375	375	0 ANNUAL	WMRS			5
TMA	420938	5414303	0.09827	375	375	0 ANNUAL	WMRS			5
TMA	420938	5414323	0.09777	375	375	0 ANNUAL	WMRS			5
TMA	420938	5414343	0.09727	375	375	0 ANNUAL	WMRS			5
TMA	420938	5414363	0.09679	375	375	0 ANNUAL	WMRS			5
TMA	420938	5414383	0.0963	375	375	0 ANNUAL	WMRS			5
TMA	420938	5414403	0.09583	375	375	0 ANNUAL	WMRS			5
TMA	420938	5414423	0.09535	375	375	0 ANNUAL	WMRS			5
TMA	420938	5414443	0.09489	375	375	0 ANNUAL	WMRS			5
TMA	420958	5414263	0.0997	375	375	0 ANNUAL	WMRS			5
TMA	420958	5414283	0.09919	375	375	0 ANNUAL	WMRS			5
TMA	420958	5414303	0.09868	375	375	0 ANNUAL	WMRS			5
TMA	420958	5414323	0.09818	375	375	0 ANNUAL	WMRS			5
TMA	420958	5414343	0.09769	375	375	0 ANNUAL	WMRS			5
TMA	420958	5414363	0.0972	375	375	0 ANNUAL	WMRS			5
TMA	420958	5414383	0.09672	375	375	0 ANNUAL	WMRS			5
TMA	420958	5414403	0.09625	375	375	0 ANNUAL	WMRS			5
TMA	420958	5414423	0.09578	375	375	0 ANNUAL	WMRS			5
TMA	420958	5414443	0.09532	375	375	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	420978	5414263	0.10013	375	375	0 ANNUAL	WMRS			5
TMA	420978	5414283	0.09961	375	375	0 ANNUAL	WMRS			5
TMA	420978	5414303	0.09911	375	375	0 ANNUAL	WMRS			5
TMA	420978	5414323	0.09861	375	375	0 ANNUAL	WMRS			5
TMA	420978	5414343	0.09812	375	375	0 ANNUAL	WMRS			5
TMA	420978	5414363	0.09763	375	375	0 ANNUAL	WMRS			5
TMA	420978	5414383	0.09715	375	375	0 ANNUAL	WMRS			5
TMA	420978	5414403	0.09668	375	375	0 ANNUAL	WMRS			5
TMA	420978	5414423	0.09621	375	375	0 ANNUAL	WMRS			5
TMA	420978	5414443	0.09576	375	375	0 ANNUAL	WMRS			5
TMA	420998	5414263	0.10064	374.77	374.77	0 ANNUAL	WMRS			5
TMA	420998	5414283	0.10012	374.8	374.8	0 ANNUAL	WMRS			5
TMA	420998	5414303	0.09956	374.98	374.98	0 ANNUAL	WMRS			5
TMA	420998	5414323	0.09905	375	375	0 ANNUAL	WMRS			5
TMA	420998	5414343	0.09856	375	375	0 ANNUAL	WMRS			5
TMA	420998	5414363	0.09808	375	375	0 ANNUAL	WMRS			5
TMA	420998	5414383	0.0976	375	375	0 ANNUAL	WMRS			5
TMA	420998	5414403	0.09713	375	375	0 ANNUAL	WMRS			5
TMA	420998	5414423	0.09667	375	375	0 ANNUAL	WMRS			5
TMA	420998	5414443	0.09621	375	375	0 ANNUAL	WMRS			5
TMA	421018	5414263	0.10136	374	374	0 ANNUAL	WMRS			5
TMA	421018	5414283	0.10084	374.03	374.03	0 ANNUAL	WMRS			5
TMA	421018	5414303	0.10019	374.46	374.46	0 ANNUAL	WMRS			5
TMA	421018	5414323	0.09954	374.9	374.9	0 ANNUAL	WMRS			5
TMA	421018	5414343	0.09902	375	375	0 ANNUAL	WMRS			5
TMA	421018	5414363	0.09854	375	375	0 ANNUAL	WMRS			5
TMA	421018	5414383	0.09806	375	375	0 ANNUAL	WMRS			5
TMA	421018	5414403	0.0976	375	375	0 ANNUAL	WMRS			5
TMA	421018	5414423	0.09714	375	375	0 ANNUAL	WMRS			5
TMA	421018	5414443	0.09668	375	375	0 ANNUAL	WMRS			5
TMA	421038	5414263	0.10177	374.17	374.17	0 ANNUAL	WMRS			5
TMA	421038	5414283	0.10103	374.82	374.82	0 ANNUAL	WMRS			5
TMA	421038	5414303	0.10054	374.81	374.81	0 ANNUAL	WMRS			5
TMA	421038	5414323	0.09999	374.96	374.96	0 ANNUAL	WMRS			5
TMA	421038	5414343	0.09949	375	375	0 ANNUAL	WMRS			5
TMA	421038	5414363	0.09901	375	375	0 ANNUAL	WMRS			5
TMA	421038	5414383	0.09854	375	375	0 ANNUAL	WMRS			5
TMA	421038	5414403	0.09808	375	375	0 ANNUAL	WMRS			5
TMA	421038	5414423	0.09762	375	375	0 ANNUAL	WMRS			5
TMA	421038	5414443	0.09717	375	375	0 ANNUAL	WMRS			5
TMA	421058	5414263	0.10195	375	375	0 ANNUAL	WMRS			5
TMA	421058	5414283	0.10145	375	375	0 ANNUAL	WMRS			5
TMA	421058	5414303	0.10095	375	375	0 ANNUAL	WMRS			5
TMA	421058	5414323	0.10046	375	375	0 ANNUAL	WMRS			5
TMA	421058	5414343	0.09998	375	375	0 ANNUAL	WMRS			5
TMA	421058	5414363	0.0995	375	375	0 ANNUAL	WMRS			5
TMA	421058	5414383	0.09904	375	375	0 ANNUAL	WMRS			5
TMA	421058	5414403	0.09857	375.01	375.01	0 ANNUAL	WMRS			5
TMA	421058	5414423	0.09812	375	375	0 ANNUAL	WMRS			5
TMA	421058	5414443	0.09767	375	375	0 ANNUAL	WMRS			5
TMA	421078	5414263	0.10245	375	375	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	421078	5414283	0.10195	375	375	0 ANNUAL	WMRS			5
TMA	421078	5414303	0.10145	375	375	0 ANNUAL	WMRS			5
TMA	421078	5414323	0.10096	375	375	0 ANNUAL	WMRS			5
TMA	421078	5414343	0.10039	375.26	375.26	0 ANNUAL	WMRS			5
TMA	421078	5414363	0.09988	375.37	375.37	0 ANNUAL	WMRS			5
TMA	421078	5414383	0.09942	375.35	375.35	0 ANNUAL	WMRS			5
TMA	421078	5414403	0.0989	375.51	375.51	0 ANNUAL	WMRS			5
TMA	421078	5414423	0.09827	376	376	0 ANNUAL	WMRS			5
TMA	421078	5414443	0.09783	376	376	0 ANNUAL	WMRS			5
TMA	421098	5414263	0.10289	375.19	375.19	0 ANNUAL	WMRS			5
TMA	421098	5414283	0.10217	375.75	375.75	0 ANNUAL	WMRS			5
TMA	421098	5414303	0.10169	375.73	375.73	0 ANNUAL	WMRS			5
TMA	421098	5414323	0.10122	375.71	375.71	0 ANNUAL	WMRS			5
TMA	421098	5414343	0.10066	375.91	375.91	0 ANNUAL	WMRS			5
TMA	421098	5414363	0.10016	376	376	0 ANNUAL	WMRS			5
TMA	421098	5414383	0.0997	376	376	0 ANNUAL	WMRS			5
TMA	421098	5414403	0.09925	376	376	0 ANNUAL	WMRS			5
TMA	421098	5414423	0.0988	376	376	0 ANNUAL	WMRS			5
TMA	421098	5414443	0.09836	376	376	0 ANNUAL	WMRS			5
TMA	421118	5414263	0.1031	376	376	0 ANNUAL	WMRS			5
TMA	421118	5414283	0.1026	376.01	376.01	0 ANNUAL	WMRS			5
TMA	421118	5414303	0.1021	376.04	376.04	0 ANNUAL	WMRS			5
TMA	421118	5414323	0.10163	376.02	376.02	0 ANNUAL	WMRS			5
TMA	421118	5414343	0.10116	376.01	376.01	0 ANNUAL	WMRS			5
TMA	421118	5414363	0.1007	376	376	0 ANNUAL	WMRS			5
TMA	421118	5414383	0.10008	376.42	376.42	0 ANNUAL	WMRS			5
TMA	421118	5414403	0.09942	376.95	376.95	0 ANNUAL	WMRS			5
TMA	421118	5414423	0.09899	376.93	376.93	0 ANNUAL	WMRS			5
TMA	421118	5414443	0.09856	376.91	376.91	0 ANNUAL	WMRS			5
TMA	421138	5414263	0.10348	376.39	376.39	0 ANNUAL	WMRS			5
TMA	421138	5414283	0.10296	376.45	376.45	0 ANNUAL	WMRS			5
TMA	421138	5414303	0.10225	377	377	0 ANNUAL	WMRS			5
TMA	421138	5414323	0.10178	377	377	0 ANNUAL	WMRS			5
TMA	421138	5414343	0.10131	377	377	0 ANNUAL	WMRS			5
TMA	421138	5414363	0.10086	377	377	0 ANNUAL	WMRS			5
TMA	421138	5414383	0.10036	377.12	377.12	0 ANNUAL	WMRS			5
TMA	421138	5414403	0.09985	377.26	377.26	0 ANNUAL	WMRS			5
TMA	421138	5414423	0.09942	377.24	377.24	0 ANNUAL	WMRS			5
TMA	421138	5414443	0.099	377.22	377.22	0 ANNUAL	WMRS			5
TMA	421158	5414263	0.10378	377	377	0 ANNUAL	WMRS			5
TMA	421158	5414283	0.10329	377	377	0 ANNUAL	WMRS			5
TMA	421158	5414303	0.10281	377	377	0 ANNUAL	WMRS			5
TMA	421158	5414323	0.10211	377.56	377.56	0 ANNUAL	WMRS			5
TMA	421158	5414343	0.10162	377.62	377.62	0 ANNUAL	WMRS			5
TMA	421158	5414363	0.10117	377.61	377.61	0 ANNUAL	WMRS			5
TMA	421158	5414383	0.10065	377.78	377.78	0 ANNUAL	WMRS			5
TMA	421158	5414403	0.10012	378	378	0 ANNUAL	WMRS			5
TMA	421158	5414423	0.09968	378	378	0 ANNUAL	WMRS			5
TMA	421158	5414443	0.09926	378	378	0 ANNUAL	WMRS			5
TMA	421178	5414263	0.10422	377.3	377.3	0 ANNUAL	WMRS			5
TMA	421178	5414283	0.10343	377.99	377.99	0 ANNUAL	WMRS			5

Discrete Recei	X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	421178	5414303	0.10297	377.97	377.97	0	ANNUAL	WMRS		5	
TMA	421178	5414323	0.1025	377.99	377.99	0	ANNUAL	WMRS		5	
TMA	421178	5414343	0.10203	378	378	0	ANNUAL	WMRS		5	
TMA	421178	5414363	0.10158	378	378	0	ANNUAL	WMRS		5	
TMA	421178	5414383	0.10096	378.42	378.42	0	ANNUAL	WMRS		5	
TMA	421178	5414403	0.10032	378.88	378.88	0	ANNUAL	WMRS		5	
TMA	421178	5414423	0.0999	378.86	378.86	0	ANNUAL	WMRS		5	
TMA	421178	5414443	0.09949	378.84	378.84	0	ANNUAL	WMRS		5	
TMA	421198	5414263	0.10449	378	378	0	ANNUAL	WMRS		5	
TMA	421198	5414283	0.10401	378	378	0	ANNUAL	WMRS		5	
TMA	421198	5414303	0.10354	378.01	378.01	0	ANNUAL	WMRS		5	
TMA	421198	5414323	0.10298	378.23	378.23	0	ANNUAL	WMRS		5	
TMA	421198	5414343	0.10226	378.82	378.82	0	ANNUAL	WMRS		5	
TMA	421198	5414363	0.10173	379	379	0	ANNUAL	WMRS		5	
TMA	421198	5414383	0.10129	379	379	0	ANNUAL	WMRS		5	
TMA	421198	5414403	0.10083	379.06	379.06	0	ANNUAL	WMRS		5	
TMA	421198	5414423	0.10036	379.17	379.17	0	ANNUAL	WMRS		5	
TMA	421198	5414443	0.09994	379.15	379.15	0	ANNUAL	WMRS		5	
TMA	421218	5414263	0.105	378.2	378.2	0	ANNUAL	WMRS		5	
TMA	421218	5414283	0.10434	378.61	378.61	0	ANNUAL	WMRS		5	
TMA	421218	5414303	0.10388	378.6	378.6	0	ANNUAL	WMRS		5	
TMA	421218	5414323	0.10325	378.96	378.96	0	ANNUAL	WMRS		5	
TMA	421218	5414343	0.10278	379	379	0	ANNUAL	WMRS		5	
TMA	421218	5414363	0.10234	379	379	0	ANNUAL	WMRS		5	
TMA	421218	5414383	0.10178	379.25	379.25	0	ANNUAL	WMRS		5	
TMA	421218	5414403	0.10115	379.68	379.68	0	ANNUAL	WMRS		5	
TMA	421218	5414423	0.10058	380	380	0	ANNUAL	WMRS		5	
TMA	421218	5414443	0.10016	380	380	0	ANNUAL	WMRS		5	
TMA	421238	5414263	0.10526	378.96	378.96	0	ANNUAL	WMRS		5	
TMA	421238	5414283	0.10477	379	379	0	ANNUAL	WMRS		5	
TMA	421238	5414303	0.1043	379	379	0	ANNUAL	WMRS		5	
TMA	421238	5414323	0.10385	379	379	0	ANNUAL	WMRS		5	
TMA	421238	5414343	0.10339	379	379	0	ANNUAL	WMRS		5	
TMA	421238	5414363	0.1027	379.54	379.54	0	ANNUAL	WMRS		5	
TMA	421238	5414383	0.10209	379.91	379.91	0	ANNUAL	WMRS		5	
TMA	421238	5414403	0.10161	380	380	0	ANNUAL	WMRS		5	
TMA	421238	5414423	0.1011	380.18	380.18	0	ANNUAL	WMRS		5	
TMA	421238	5414443	0.10044	380.69	380.69	0	ANNUAL	WMRS		5	
TMA	421258	5414263	0.10586	379	379	0	ANNUAL	WMRS		5	
TMA	421258	5414283	0.10537	379.05	379.05	0	ANNUAL	WMRS		5	
TMA	421258	5414303	0.10481	379.26	379.26	0	ANNUAL	WMRS		5	
TMA	421258	5414323	0.10402	379.94	379.94	0	ANNUAL	WMRS		5	
TMA	421258	5414343	0.10354	380	380	0	ANNUAL	WMRS		5	
TMA	421258	5414363	0.1031	380	380	0	ANNUAL	WMRS		5	
TMA	421258	5414383	0.10263	380.07	380.07	0	ANNUAL	WMRS		5	
TMA	421258	5414403	0.10201	380.45	380.45	0	ANNUAL	WMRS		5	
TMA	421258	5414423	0.10132	381	381	0	ANNUAL	WMRS		5	
TMA	421258	5414443	0.1009	381	381	0	ANNUAL	WMRS		5	
TMA	421278	5414263	0.1065	379	379	0	ANNUAL	WMRS		5	
TMA	421278	5414283	0.10593	379.21	379.21	0	ANNUAL	WMRS		5	
TMA	421278	5414303	0.10508	380	380	0	ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	421278	5414323	0.10462	380	380	0 ANNUAL	WMRS		5	
TMA	421278	5414343	0.10417	380	380	0 ANNUAL	WMRS		5	
TMA	421278	5414363	0.10358	380.31	380.31	0 ANNUAL	WMRS		5	
TMA	421278	5414383	0.10292	380.74	380.74	0 ANNUAL	WMRS		5	
TMA	421278	5414403	0.10236	381	381	0 ANNUAL	WMRS		5	
TMA	421278	5414423	0.10188	381.1	381.1	0 ANNUAL	WMRS		5	
TMA	421278	5414443	0.10134	381.34	381.34	0 ANNUAL	WMRS		5	
TMA	421298	5414263	0.107	379.31	379.31	0 ANNUAL	WMRS		5	
TMA	421298	5414283	0.10624	379.88	379.88	0 ANNUAL	WMRS		5	
TMA	421298	5414303	0.10572	380	380	0 ANNUAL	WMRS		5	
TMA	421298	5414323	0.10526	380	380	0 ANNUAL	WMRS		5	
TMA	421298	5414343	0.1048	380	380	0 ANNUAL	WMRS		5	
TMA	421298	5414363	0.10402	380.68	380.68	0 ANNUAL	WMRS		5	
TMA	421298	5414383	0.10342	381	381	0 ANNUAL	WMRS		5	
TMA	421298	5414403	0.10283	381.3	381.3	0 ANNUAL	WMRS		5	
TMA	421298	5414423	0.10215	381.79	381.79	0 ANNUAL	WMRS		5	
TMA	421298	5414443	0.10163	381.96	381.96	0 ANNUAL	WMRS		5	
TMA	421318	5414263	0.10761	379.38	379.38	0 ANNUAL	WMRS		5	
TMA	421318	5414283	0.10683	380	380	0 ANNUAL	WMRS		5	
TMA	421318	5414303	0.10636	380	380	0 ANNUAL	WMRS		5	
TMA	421318	5414323	0.1059	380	380	0 ANNUAL	WMRS		5	
TMA	421318	5414343	0.10503	380.83	380.83	0 ANNUAL	WMRS		5	
TMA	421318	5414363	0.10449	381	381	0 ANNUAL	WMRS		5	
TMA	421318	5414383	0.10375	381.56	381.56	0 ANNUAL	WMRS		5	
TMA	421318	5414403	0.10307	382.02	382.02	0 ANNUAL	WMRS		5	
TMA	421318	5414423	0.10264	382.02	382.02	0 ANNUAL	WMRS		5	
TMA	421318	5414443	0.10222	382	382	0 ANNUAL	WMRS		5	
TMA	421338	5414263	0.10826	379.39	379.39	0 ANNUAL	WMRS		5	
TMA	421338	5414283	0.10748	380	380	0 ANNUAL	WMRS		5	
TMA	421338	5414303	0.10701	380	380	0 ANNUAL	WMRS		5	
TMA	421338	5414323	0.10654	380	380	0 ANNUAL	WMRS		5	
TMA	421338	5414343	0.10565	380.84	380.84	0 ANNUAL	WMRS		5	
TMA	421338	5414363	0.10498	381.27	381.27	0 ANNUAL	WMRS		5	
TMA	421338	5414383	0.10429	381.73	381.73	0 ANNUAL	WMRS		5	
TMA	421338	5414403	0.10347	382.43	382.43	0 ANNUAL	WMRS		5	
TMA	421338	5414423	0.10272	383	383	0 ANNUAL	WMRS		5	
TMA	421338	5414443	0.10228	383	383	0 ANNUAL	WMRS		5	
TMA	421358	5414263	0.10892	379.4	379.4	0 ANNUAL	WMRS		5	
TMA	421358	5414283	0.10813	380	380	0 ANNUAL	WMRS		5	
TMA	421358	5414303	0.1076	380.1	380.1	0 ANNUAL	WMRS		5	
TMA	421358	5414323	0.10681	380.73	380.73	0 ANNUAL	WMRS		5	
TMA	421358	5414343	0.10622	380.96	380.96	0 ANNUAL	WMRS		5	
TMA	421358	5414363	0.10536	381.72	381.72	0 ANNUAL	WMRS		5	
TMA	421358	5414383	0.10454	382.39	382.39	0 ANNUAL	WMRS		5	
TMA	421358	5414403	0.10386	382.81	382.81	0 ANNUAL	WMRS		5	
TMA	421358	5414423	0.1032	383.2	383.2	0 ANNUAL	WMRS		5	
TMA	421358	5414443	0.10252	383.62	383.62	0 ANNUAL	WMRS		5	
TMA	421378	5414263	0.10957	379.41	379.41	0 ANNUAL	WMRS		5	
TMA	421378	5414283	0.10878	380	380	0 ANNUAL	WMRS		5	
TMA	421378	5414303	0.10829	380	380	0 ANNUAL	WMRS		5	
TMA	421378	5414323	0.10781	380	380	0 ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	421378	5414343	0.10689	380.87	380.87	0 ANNUAL	WMRS			5
TMA	421378	5414363	0.10597	381.73	381.73	0 ANNUAL	WMRS			5
TMA	421378	5414383	0.10504	382.59	382.59	0 ANNUAL	WMRS			5
TMA	421378	5414403	0.1041	383.44	383.44	0 ANNUAL	WMRS			5
TMA	421378	5414423	0.10334	383.97	383.97	0 ANNUAL	WMRS			5
TMA	421378	5414443	0.10288	384	384	0 ANNUAL	WMRS			5
TMA	421398	5414263	0.1103	379.25	379.25	0 ANNUAL	WMRS			5
TMA	421398	5414283	0.10956	379.72	379.72	0 ANNUAL	WMRS			5
TMA	421398	5414303	0.10893	380	380	0 ANNUAL	WMRS			5
TMA	421398	5414323	0.10843	380.01	380.01	0 ANNUAL	WMRS			5
TMA	421398	5414343	0.1075	380.88	380.88	0 ANNUAL	WMRS			5
TMA	421398	5414363	0.10657	381.74	381.74	0 ANNUAL	WMRS			5
TMA	421398	5414383	0.10562	382.61	382.61	0 ANNUAL	WMRS			5
TMA	421398	5414403	0.10459	383.6	383.6	0 ANNUAL	WMRS			5
TMA	421398	5414423	0.1036	384.5	384.5	0 ANNUAL	WMRS			5
TMA	421398	5414443	0.1028	385.05	385.05	0 ANNUAL	WMRS			5
TMA	421418	5414263	0.11107	379	379	0 ANNUAL	WMRS			5
TMA	421418	5414283	0.11041	379.3	379.3	0 ANNUAL	WMRS			5
TMA	421418	5414303	0.10956	380	380	0 ANNUAL	WMRS			5
TMA	421418	5414323	0.10904	380.03	380.03	0 ANNUAL	WMRS			5
TMA	421418	5414343	0.10811	380.89	380.89	0 ANNUAL	WMRS			5
TMA	421418	5414363	0.10716	381.75	381.75	0 ANNUAL	WMRS			5
TMA	421418	5414383	0.10599	382.99	382.99	0 ANNUAL	WMRS			5
TMA	421418	5414403	0.10476	384.27	384.27	0 ANNUAL	WMRS			5
TMA	421418	5414423	0.10372	385.2	385.2	0 ANNUAL	WMRS			5
TMA	421418	5414443	0.10297	385.64	385.64	0 ANNUAL	WMRS			5
TMA	421438	5414263	0.11148	379.46	379.46	0 ANNUAL	WMRS			5
TMA	421438	5414283	0.11069	380	380	0 ANNUAL	WMRS			5
TMA	421438	5414303	0.11017	380	380	0 ANNUAL	WMRS			5
TMA	421438	5414323	0.10964	380.04	380.04	0 ANNUAL	WMRS			5
TMA	421438	5414343	0.10869	380.9	380.9	0 ANNUAL	WMRS			5
TMA	421438	5414363	0.10734	382.48	382.48	0 ANNUAL	WMRS			5
TMA	421438	5414383	0.1062	383.6	383.6	0 ANNUAL	WMRS			5
TMA	421438	5414403	0.1049	384.93	384.93	0 ANNUAL	WMRS			5
TMA	421438	5414423	0.10358	386.23	386.23	0 ANNUAL	WMRS			5
TMA	421438	5414443	0.10268	386.86	386.86	0 ANNUAL	WMRS			5
TMA	421458	5414263	0.11183	380	380	0 ANNUAL	WMRS			5
TMA	421458	5414283	0.11131	380	380	0 ANNUAL	WMRS			5
TMA	421458	5414303	0.11068	380.19	380.19	0 ANNUAL	WMRS			5
TMA	421458	5414323	0.10971	381.05	381.05	0 ANNUAL	WMRS			5
TMA	421458	5414343	0.10873	381.91	381.91	0 ANNUAL	WMRS			5
TMA	421458	5414363	0.10763	382.97	382.97	0 ANNUAL	WMRS			5
TMA	421458	5414383	0.10629	384.36	384.36	0 ANNUAL	WMRS			5
TMA	421458	5414403	0.10499	385.61	385.61	0 ANNUAL	WMRS			5
TMA	421458	5414423	0.10388	386.55	386.55	0 ANNUAL	WMRS			5
TMA	421458	5414443	0.10281	387.4	387.4	0 ANNUAL	WMRS			5
TMA	421478	5414263	0.11245	380	380	0 ANNUAL	WMRS			5
TMA	421478	5414283	0.1118	380.21	380.21	0 ANNUAL	WMRS			5
TMA	421478	5414303	0.11095	380.81	380.81	0 ANNUAL	WMRS			5
TMA	421478	5414323	0.10997	381.65	381.65	0 ANNUAL	WMRS			5
TMA	421478	5414343	0.10896	382.5	382.5	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	421478	5414363	0.10773	383.7	383.7	0 ANNUAL	WMRS			5
TMA	421478	5414383	0.10641	385	385	0 ANNUAL	WMRS			5
TMA	421478	5414403	0.10505	386.28	386.28	0 ANNUAL	WMRS			5
TMA	421478	5414423	0.10379	387.38	387.38	0 ANNUAL	WMRS			5
TMA	421478	5414443	0.10268	388.24	388.24	0 ANNUAL	WMRS			5
TMA	421498	5414263	0.11254	380.95	380.95	0 ANNUAL	WMRS			5
TMA	421498	5414283	0.11181	381.28	381.28	0 ANNUAL	WMRS			5
TMA	421498	5414303	0.11091	381.93	381.93	0 ANNUAL	WMRS			5
TMA	421498	5414323	0.11025	382.14	382.14	0 ANNUAL	WMRS			5
TMA	421498	5414343	0.10874	383.76	384	0 ANNUAL	WMRS			5
TMA	421498	5414363	0.10765	384.66	384.66	0 ANNUAL	WMRS			5
TMA	421498	5414383	0.10651	385.61	385.61	0 ANNUAL	WMRS			5
TMA	421498	5414403	0.10506	386.96	386.96	0 ANNUAL	WMRS			5
TMA	421498	5414423	0.10365	388.2	388.2	0 ANNUAL	WMRS			5
TMA	421498	5414443	0.10252	389.04	389.04	0 ANNUAL	WMRS			5
TMA	421518	5414263	0.11282	381.5	381.5	0 ANNUAL	WMRS			5
TMA	421518	5414283	0.11192	382.09	382.09	0 ANNUAL	WMRS			5
TMA	421518	5414303	0.11116	382.45	382.45	0 ANNUAL	WMRS			5
TMA	421518	5414323	0.1101	383.29	383.29	0 ANNUAL	WMRS			5
TMA	421518	5414343	0.10903	384.14	384.14	0 ANNUAL	WMRS			5
TMA	421518	5414363	0.10795	384.98	384.98	0 ANNUAL	WMRS			5
TMA	421518	5414383	0.10644	386.4	386.4	0 ANNUAL	WMRS			5
TMA	421518	5414403	0.1051	387.54	387.54	0 ANNUAL	WMRS			5
TMA	421518	5414423	0.10394	388.4	388.4	0 ANNUAL	WMRS			5
TMA	421518	5414443	0.10277	389.27	389.27	0 ANNUAL	WMRS			5
TMA	421538	5414263	0.11321	381.79	381.79	0 ANNUAL	WMRS			5
TMA	421538	5414283	0.1123	382.37	382.37	0 ANNUAL	WMRS			5
TMA	421538	5414303	0.11121	383.24	383.24	0 ANNUAL	WMRS			5
TMA	421538	5414323	0.1101	384.1	384.1	0 ANNUAL	WMRS			5
TMA	421538	5414343	0.10898	384.96	384.96	0 ANNUAL	WMRS			5
TMA	421538	5414363	0.10784	385.83	385.83	0 ANNUAL	WMRS			5
TMA	421538	5414383	0.10669	386.69	386.69	0 ANNUAL	WMRS			5
TMA	421538	5414403	0.10553	387.55	387.55	0 ANNUAL	WMRS			5
TMA	421538	5414423	0.10435	388.42	388.42	0 ANNUAL	WMRS			5
TMA	421538	5414443	0.10325	389.17	389.17	0 ANNUAL	WMRS			5
TMA	421558	5414263	0.11335	382.46	382.46	0 ANNUAL	WMRS			5
TMA	421558	5414283	0.11249	382.91	382.91	0 ANNUAL	WMRS			5
TMA	421558	5414303	0.1117	383.25	383.25	0 ANNUAL	WMRS			5
TMA	421558	5414323	0.11058	384.11	384.11	0 ANNUAL	WMRS			5
TMA	421558	5414343	0.10944	384.98	384.98	0 ANNUAL	WMRS			5
TMA	421558	5414363	0.10829	385.84	385.84	0 ANNUAL	WMRS			5
TMA	421558	5414383	0.10712	386.7	386.7	0 ANNUAL	WMRS			5
TMA	421558	5414403	0.10593	387.57	387.57	0 ANNUAL	WMRS			5
TMA	421558	5414423	0.10497	388.12	388.12	0 ANNUAL	WMRS			5
TMA	421558	5414443	0.10415	388.5	388.5	0 ANNUAL	WMRS			5
TMA	421578	5414263	0.11382	382.53	382.53	0 ANNUAL	WMRS			5
TMA	421578	5414283	0.11268	383.4	383.4	0 ANNUAL	WMRS			5
TMA	421578	5414303	0.1117	384	384	0 ANNUAL	WMRS			5
TMA	421578	5414323	0.11104	384.12	384.12	0 ANNUAL	WMRS			5
TMA	421578	5414343	0.10988	384.99	384.99	0 ANNUAL	WMRS			5
TMA	421578	5414363	0.10871	385.85	385.85	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	421578	5414383	0.10756	386.66	386.66	0 ANNUAL	WMRS		5	
TMA	421578	5414403	0.10676	386.98	386.98	0 ANNUAL	WMRS		5	
TMA	421578	5414423	0.10587	387.42	387.42	0 ANNUAL	WMRS		5	
TMA	421578	5414443	0.1049	387.98	387.98	0 ANNUAL	WMRS		5	
TMA	421598	5414263	0.1143	382.55	382.55	0 ANNUAL	WMRS		5	
TMA	421598	5414283	0.11315	383.41	383.41	0 ANNUAL	WMRS		5	
TMA	421598	5414303	0.11216	384	384	0 ANNUAL	WMRS		5	
TMA	421598	5414323	0.11147	384.14	384.14	0 ANNUAL	WMRS		5	
TMA	421598	5414343	0.11029	385	385	0 ANNUAL	WMRS		5	
TMA	421598	5414363	0.10935	385.51	385.51	0 ANNUAL	WMRS		5	
TMA	421598	5414383	0.1085	385.89	385.89	0 ANNUAL	WMRS		5	
TMA	421598	5414403	0.10757	386.37	386.37	0 ANNUAL	WMRS		5	
TMA	421598	5414423	0.10679	386.65	386.65	0 ANNUAL	WMRS		5	
TMA	421598	5414443	0.10613	386.77	386.77	0 ANNUAL	WMRS		5	
TMA	421618	5414263	0.11476	382.56	382.56	0 ANNUAL	WMRS		5	
TMA	421618	5414283	0.11359	383.42	383.42	0 ANNUAL	WMRS		5	
TMA	421618	5414303	0.11259	384	384	0 ANNUAL	WMRS		5	
TMA	421618	5414323	0.11188	384.15	384.15	0 ANNUAL	WMRS		5	
TMA	421618	5414343	0.11069	385	385	0 ANNUAL	WMRS		5	
TMA	421618	5414363	0.11009	385	385	0 ANNUAL	WMRS		5	
TMA	421618	5414383	0.10932	385.23	385.23	0 ANNUAL	WMRS		5	
TMA	421618	5414403	0.10838	385.73	385.73	0 ANNUAL	WMRS		5	
TMA	421618	5414423	0.10759	386	386	0 ANNUAL	WMRS		5	
TMA	421618	5414443	0.10691	386.12	386.12	0 ANNUAL	WMRS		5	
TMA	421638	5414263	0.1152	382.57	382.57	0 ANNUAL	WMRS		5	
TMA	421638	5414283	0.11429	383	383	0 ANNUAL	WMRS		5	
TMA	421638	5414303	0.11346	383.3	383.3	0 ANNUAL	WMRS		5	
TMA	421638	5414323	0.11237	384	384	0 ANNUAL	WMRS		5	
TMA	421638	5414343	0.11173	384.02	384.02	0 ANNUAL	WMRS		5	
TMA	421638	5414363	0.11053	384.87	384.87	0 ANNUAL	WMRS		5	
TMA	421638	5414383	0.10982	385	385	0 ANNUAL	WMRS		5	
TMA	421638	5414403	0.1092	385.01	385.01	0 ANNUAL	WMRS		5	
TMA	421638	5414423	0.10857	385.03	385.03	0 ANNUAL	WMRS		5	
TMA	421638	5414443	0.10794	385.05	385.05	0 ANNUAL	WMRS		5	
TMA	421658	5414263	0.11561	382.58	382.58	0 ANNUAL	WMRS		5	
TMA	421658	5414283	0.11469	383	383	0 ANNUAL	WMRS		5	
TMA	421658	5414303	0.11392	383.19	383.19	0 ANNUAL	WMRS		5	
TMA	421658	5414323	0.11294	383.7	383.7	0 ANNUAL	WMRS		5	
TMA	421658	5414343	0.1121	384	384	0 ANNUAL	WMRS		5	
TMA	421658	5414363	0.11145	384	384	0 ANNUAL	WMRS		5	
TMA	421658	5414383	0.11081	384	384	0 ANNUAL	WMRS		5	
TMA	421658	5414403	0.11018	384	384	0 ANNUAL	WMRS		5	
TMA	421658	5414423	0.10954	384	384	0 ANNUAL	WMRS		5	
TMA	421658	5414443	0.1089	384	384	0 ANNUAL	WMRS		5	
TMA	421678	5414263	0.116	382.59	382.59	0 ANNUAL	WMRS		5	
TMA	421678	5414283	0.11507	383	383	0 ANNUAL	WMRS		5	
TMA	421678	5414303	0.1144	383	383	0 ANNUAL	WMRS		5	
TMA	421678	5414323	0.1137	383.06	383.06	0 ANNUAL	WMRS		5	
TMA	421678	5414343	0.11286	383.34	383.34	0 ANNUAL	WMRS		5	
TMA	421678	5414363	0.11219	383.36	383.36	0 ANNUAL	WMRS		5	
TMA	421678	5414383	0.11152	383.38	383.38	0 ANNUAL	WMRS		5	



Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	421678	5414403	0.11085	383.4	383.4	0 ANNUAL	WMRS			5
TMA	421678	5414423	0.11019	383.41	383.41	0 ANNUAL	WMRS			5
TMA	421678	5414443	0.10952	383.43	383.43	0 ANNUAL	WMRS			5
TMA	421698	5414263	0.11636	382.61	382.61	0 ANNUAL	WMRS			5
TMA	421698	5414283	0.11542	383	383	0 ANNUAL	WMRS			5
TMA	421698	5414303	0.11474	383	383	0 ANNUAL	WMRS			5
TMA	421698	5414323	0.11406	383	383	0 ANNUAL	WMRS			5
TMA	421698	5414343	0.11339	383	383	0 ANNUAL	WMRS			5
TMA	421698	5414363	0.11271	383	383	0 ANNUAL	WMRS			5
TMA	421698	5414383	0.11204	383	383	0 ANNUAL	WMRS			5
TMA	421698	5414403	0.11137	383	383	0 ANNUAL	WMRS			5
TMA	421698	5414423	0.11107	383	383	0 ANNUAL	WMRS			5
TMA	421698	5414443	0.11023	382.67	382.67	0 ANNUAL	WMRS			5
TMA	421718	5414263	0.11661	382.75	382.75	0 ANNUAL	WMRS			5
TMA	421718	5414283	0.11575	383	383	0 ANNUAL	WMRS			5
TMA	421718	5414303	0.11506	383	383	0 ANNUAL	WMRS			5
TMA	421718	5414323	0.11436	383	383	0 ANNUAL	WMRS			5
TMA	421718	5414343	0.11367	383	383	0 ANNUAL	WMRS			5
TMA	421718	5414363	0.11299	383	383	0 ANNUAL	WMRS			5
TMA	421718	5414383	0.11242	382.81	382.81	0 ANNUAL	WMRS			5
TMA	421718	5414403	0.11176	382.78	382.78	0 ANNUAL	WMRS			5
TMA	421718	5414423	0.11131	382.38	382.38	0 ANNUAL	WMRS			5
TMA	421718	5414443	0.11086	382	382	0 ANNUAL	WMRS			5
TMA	421738	5414263	0.11677	383	383	0 ANNUAL	WMRS			5
TMA	421738	5414283	0.11606	383	383	0 ANNUAL	WMRS			5
TMA	421738	5414303	0.11535	383	383	0 ANNUAL	WMRS			5
TMA	421738	5414323	0.11464	383	383	0 ANNUAL	WMRS			5
TMA	421738	5414343	0.11394	383	383	0 ANNUAL	WMRS			5
TMA	421738	5414363	0.11324	383	383	0 ANNUAL	WMRS			5
TMA	421738	5414383	0.11305	382.19	382.19	0 ANNUAL	WMRS			5
TMA	421738	5414403	0.11246	382	382	0 ANNUAL	WMRS			5
TMA	421738	5414423	0.11176	382	382	0 ANNUAL	WMRS			5
TMA	421738	5414443	0.11119	381.8	381.8	0 ANNUAL	WMRS			5
TMA	421758	5414263	0.11639	383.97	383.97	0 ANNUAL	WMRS			5
TMA	421758	5414283	0.11569	383.95	383.95	0 ANNUAL	WMRS			5
TMA	421758	5414303	0.11522	383.59	383.59	0 ANNUAL	WMRS			5
TMA	421758	5414323	0.1149	383	383	0 ANNUAL	WMRS			5
TMA	421758	5414343	0.11419	383	383	0 ANNUAL	WMRS			5
TMA	421758	5414363	0.11348	383	383	0 ANNUAL	WMRS			5
TMA	421758	5414383	0.11328	382.18	382.18	0 ANNUAL	WMRS			5
TMA	421758	5414403	0.11268	382	382	0 ANNUAL	WMRS			5
TMA	421758	5414423	0.11223	381.55	381.55	0 ANNUAL	WMRS			5
TMA	421758	5414443	0.11177	381.12	381.12	0 ANNUAL	WMRS			5
TMA	421778	5414263	0.11643	384.28	384.28	0 ANNUAL	WMRS			5
TMA	421778	5414283	0.11572	384.26	384.26	0 ANNUAL	WMRS			5
TMA	421778	5414303	0.11507	384.15	384.15	0 ANNUAL	WMRS			5
TMA	421778	5414323	0.11459	383.81	383.81	0 ANNUAL	WMRS			5
TMA	421778	5414343	0.1143	383.18	383.18	0 ANNUAL	WMRS			5
TMA	421778	5414363	0.11369	383.01	383.01	0 ANNUAL	WMRS			5
TMA	421778	5414383	0.11342	382.3	382.3	0 ANNUAL	WMRS			5
TMA	421778	5414403	0.11286	382.04	382.04	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	421778	5414423	0.11249	381.44	381.44	0 ANNUAL	WMRS			5
TMA	421778	5414443	0.11203	381	381	0 ANNUAL	WMRS			5
TMA	421798	5414263	0.11567	385.59	385.59	0 ANNUAL	WMRS			5
TMA	421798	5414283	0.11519	385.27	385.27	0 ANNUAL	WMRS			5
TMA	421798	5414303	0.11481	384.82	384.82	0 ANNUAL	WMRS			5
TMA	421798	5414323	0.11439	384.39	384.39	0 ANNUAL	WMRS			5
TMA	421798	5414343	0.11398	383.94	383.94	0 ANNUAL	WMRS			5
TMA	421798	5414363	0.11356	383.5	383.5	0 ANNUAL	WMRS			5
TMA	421798	5414383	0.11312	383.07	383.07	0 ANNUAL	WMRS			5
TMA	421798	5414403	0.11289	382.29	382.29	0 ANNUAL	WMRS			5
TMA	421798	5414423	0.11253	381.68	381.68	0 ANNUAL	WMRS			5
TMA	421798	5414443	0.11206	381.24	381.24	0 ANNUAL	WMRS			5
TMA	421818	5414263	0.11532	386.29	386.29	0 ANNUAL	WMRS			5
TMA	421818	5414283	0.11488	385.93	385.93	0 ANNUAL	WMRS			5
TMA	421818	5414303	0.11448	385.51	385.51	0 ANNUAL	WMRS			5
TMA	421818	5414323	0.11417	384.96	384.96	0 ANNUAL	WMRS			5
TMA	421818	5414343	0.11362	384.71	384.71	0 ANNUAL	WMRS			5
TMA	421818	5414363	0.1134	384	384	0 ANNUAL	WMRS			5
TMA	421818	5414383	0.11325	383.14	383.14	0 ANNUAL	WMRS			5
TMA	421818	5414403	0.11272	382.83	382.83	0 ANNUAL	WMRS			5
TMA	421818	5414423	0.11232	382.31	382.31	0 ANNUAL	WMRS			5
TMA	421818	5414443	0.11205	381.55	381.55	0 ANNUAL	WMRS			5
TMA	421838	5414263	0.11475	387.2	387.2	0 ANNUAL	WMRS			5
TMA	421838	5414283	0.11402	387.19	387.19	0 ANNUAL	WMRS			5
TMA	421838	5414303	0.11366	386.75	386.75	0 ANNUAL	WMRS			5
TMA	421838	5414323	0.11364	385.87	385.87	0 ANNUAL	WMRS			5
TMA	421838	5414343	0.11349	385.11	385.11	0 ANNUAL	WMRS			5
TMA	421838	5414363	0.11284	384.99	384.99	0 ANNUAL	WMRS			5
TMA	421838	5414383	0.11273	384.13	384.13	0 ANNUAL	WMRS			5
TMA	421838	5414403	0.11259	383.26	383.26	0 ANNUAL	WMRS			5
TMA	421838	5414423	0.11241	382.4	382.4	0 ANNUAL	WMRS			5
TMA	421838	5414443	0.1122	381.54	381.54	0 ANNUAL	WMRS			5
TMA	421858	5414263	0.11375	388.51	388.51	0 ANNUAL	WMRS			5
TMA	421858	5414283	0.11328	388.21	388.21	0 ANNUAL	WMRS			5
TMA	421858	5414303	0.11293	387.78	387.78	0 ANNUAL	WMRS			5
TMA	421858	5414323	0.11273	387.17	387.17	0 ANNUAL	WMRS			5
TMA	421858	5414343	0.11273	386.28	386.28	0 ANNUAL	WMRS			5
TMA	421858	5414363	0.11268	385.4	385.4	0 ANNUAL	WMRS			5
TMA	421858	5414383	0.1126	384.52	384.52	0 ANNUAL	WMRS			5
TMA	421858	5414403	0.11248	383.64	383.64	0 ANNUAL	WMRS			5
TMA	421858	5414423	0.11232	382.76	382.76	0 ANNUAL	WMRS			5
TMA	421858	5414443	0.11214	381.87	381.87	0 ANNUAL	WMRS			5
TMA	421878	5414263	0.11265	389.82	389.82	0 ANNUAL	WMRS			5
TMA	421878	5414283	0.11249	389.23	389.23	0 ANNUAL	WMRS			5
TMA	421878	5414303	0.11249	388.44	388.44	0 ANNUAL	WMRS			5
TMA	421878	5414323	0.11242	387.69	387.69	0 ANNUAL	WMRS			5
TMA	421878	5414343	0.1123	386.96	386.96	0 ANNUAL	WMRS			5
TMA	421878	5414363	0.11178	386.7	386.7	0 ANNUAL	WMRS			5
TMA	421878	5414383	0.11175	385.82	385.82	0 ANNUAL	WMRS			5
TMA	421878	5414403	0.11207	384.41	384.41	0 ANNUAL	WMRS			5
TMA	421878	5414423	0.11204	383.38	383.38	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	421878	5414443	0.11187	382.51	382.51	0 ANNUAL	WMRS			5
TMA	421898	5414263	0.11257	390.04	390.04	0 ANNUAL	WMRS			5
TMA	421898	5414283	0.11188	390	390	0 ANNUAL	WMRS			5
TMA	421898	5414303	0.11158	389.55	389.55	0 ANNUAL	WMRS			5
TMA	421898	5414323	0.11163	388.71	388.71	0 ANNUAL	WMRS			5
TMA	421898	5414343	0.11164	387.88	387.88	0 ANNUAL	WMRS			5
TMA	421898	5414363	0.11165	387	387	0 ANNUAL	WMRS			5
TMA	421898	5414383	0.11164	386.11	386.11	0 ANNUAL	WMRS			5
TMA	421898	5414403	0.11158	385.23	385.23	0 ANNUAL	WMRS			5
TMA	421898	5414423	0.11149	384.35	384.35	0 ANNUAL	WMRS			5
TMA	421898	5414443	0.11136	383.47	383.47	0 ANNUAL	WMRS			5
TMA	421918	5414263	0.11214	390.59	390.59	0 ANNUAL	WMRS			5
TMA	421918	5414283	0.11183	390.17	390.17	0 ANNUAL	WMRS			5
TMA	421918	5414303	0.11153	389.72	389.72	0 ANNUAL	WMRS			5
TMA	421918	5414323	0.11123	389.26	389.26	0 ANNUAL	WMRS			5
TMA	421918	5414343	0.11086	388.88	388.88	0 ANNUAL	WMRS			5
TMA	421918	5414363	0.11066	388.29	388.29	0 ANNUAL	WMRS			5
TMA	421918	5414383	0.11069	387.41	387.41	0 ANNUAL	WMRS			5
TMA	421918	5414403	0.11068	386.53	386.53	0 ANNUAL	WMRS			5
TMA	421918	5414423	0.11078	385.46	385.46	0 ANNUAL	WMRS			5
TMA	421918	5414443	0.11102	384.12	384.12	0 ANNUAL	WMRS			5
TMA	421938	5414263	0.11184	391	391	0 ANNUAL	WMRS			5
TMA	421938	5414283	0.11127	390.84	390.84	0 ANNUAL	WMRS			5
TMA	421938	5414303	0.111	390.37	390.37	0 ANNUAL	WMRS			5
TMA	421938	5414323	0.11073	389.9	389.9	0 ANNUAL	WMRS			5
TMA	421938	5414343	0.11035	389.54	389.54	0 ANNUAL	WMRS			5
TMA	421938	5414363	0.11018	388.93	388.93	0 ANNUAL	WMRS			5
TMA	421938	5414383	0.11022	388.07	388.07	0 ANNUAL	WMRS			5
TMA	421938	5414403	0.11023	387.2	387.2	0 ANNUAL	WMRS			5
TMA	421938	5414423	0.11041	386.08	386.08	0 ANNUAL	WMRS			5
TMA	421938	5414443	0.11045	385.06	385.06	0 ANNUAL	WMRS			5
TMA	421958	5414263	0.11194	391	391	0 ANNUAL	WMRS			5
TMA	421958	5414283	0.11112	391	391	0 ANNUAL	WMRS			5
TMA	421958	5414303	0.11047	391	391	0 ANNUAL	WMRS			5
TMA	421958	5414323	0.10975	391	391	0 ANNUAL	WMRS			5
TMA	421958	5414343	0.10926	390.77	390.77	0 ANNUAL	WMRS			5
TMA	421958	5414363	0.10939	389.89	389.89	0 ANNUAL	WMRS			5
TMA	421958	5414383	0.10949	389	389	0 ANNUAL	WMRS			5
TMA	421958	5414403	0.10955	388.12	388.12	0 ANNUAL	WMRS			5
TMA	421958	5414423	0.10957	387.24	387.24	0 ANNUAL	WMRS			5
TMA	421958	5414443	0.10986	385.88	388	0 ANNUAL	WMRS			5
TMA	421978	5414263	0.11204	391	391	0 ANNUAL	WMRS			5
TMA	421978	5414283	0.11113	391	391	0 ANNUAL	WMRS			5
TMA	421978	5414303	0.11056	391	391	0 ANNUAL	WMRS			5
TMA	421978	5414323	0.10984	391	391	0 ANNUAL	WMRS			5
TMA	421978	5414343	0.10912	391	391	0 ANNUAL	WMRS			5
TMA	421978	5414363	0.10849	390.91	390.91	0 ANNUAL	WMRS			5
TMA	421978	5414383	0.10862	390.04	390.04	0 ANNUAL	WMRS			5
TMA	421978	5414403	0.10852	389.38	389.38	0 ANNUAL	WMRS			5
TMA	421978	5414423	0.10868	388.39	388.39	0 ANNUAL	WMRS			5
TMA	421978	5414443	0.10912	387.02	387.02	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	421998	5414263	0.11228	390.86	390.86	0 ANNUAL	WMRS		5	
TMA	421998	5414283	0.11139	391	391	0 ANNUAL	WMRS		5	
TMA	421998	5414303	0.11065	391	391	0 ANNUAL	WMRS		5	
TMA	421998	5414323	0.10992	391	391	0 ANNUAL	WMRS		5	
TMA	421998	5414343	0.1092	391	391	0 ANNUAL	WMRS		5	
TMA	421998	5414363	0.10853	390.96	390.96	0 ANNUAL	WMRS		5	
TMA	421998	5414383	0.10819	390.58	390.58	0 ANNUAL	WMRS		5	
TMA	421998	5414403	0.10795	390.09	390.09	0 ANNUAL	WMRS		5	
TMA	421998	5414423	0.10825	388.98	388.98	0 ANNUAL	WMRS		5	
TMA	421998	5414443	0.10868	387.67	387.67	0 ANNUAL	WMRS		5	
TMA	422018	5414263	0.11243	390.8	390.8	0 ANNUAL	WMRS		5	
TMA	422018	5414283	0.11148	391	391	0 ANNUAL	WMRS		5	
TMA	422018	5414303	0.11074	391	391	0 ANNUAL	WMRS		5	
TMA	422018	5414323	0.11001	391	391	0 ANNUAL	WMRS		5	
TMA	422018	5414343	0.10929	391	391	0 ANNUAL	WMRS		5	
TMA	422018	5414363	0.10857	391	391	0 ANNUAL	WMRS		5	
TMA	422018	5414383	0.10787	391	391	0 ANNUAL	WMRS		5	
TMA	422018	5414403	0.10797	390.16	390.16	0 ANNUAL	WMRS		5	
TMA	422018	5414423	0.10807	389.29	389.29	0 ANNUAL	WMRS		5	
TMA	422018	5414443	0.10861	387.86	387.86	0 ANNUAL	WMRS		5	
TMA	422038	5414263	0.11335	390	390	0 ANNUAL	WMRS		5	
TMA	422038	5414283	0.1119	390.68	390.68	0 ANNUAL	WMRS		5	
TMA	422038	5414303	0.11083	391	391	0 ANNUAL	WMRS		5	
TMA	422038	5414323	0.1101	391	391	0 ANNUAL	WMRS		5	
TMA	422038	5414343	0.10938	391	391	0 ANNUAL	WMRS		5	
TMA	422038	5414363	0.10866	391	391	0 ANNUAL	WMRS		5	
TMA	422038	5414383	0.10796	391	391	0 ANNUAL	WMRS		5	
TMA	422038	5414403	0.10794	390.29	390.29	0 ANNUAL	WMRS		5	
TMA	422038	5414423	0.10803	389.43	389.43	0 ANNUAL	WMRS		5	
TMA	422038	5414443	0.10853	387.96	390	0 ANNUAL	WMRS		5	
TMA	422058	5414243	0.11425	389.96	389.96	0 ANNUAL	WMRS		5	
TMA	422058	5414263	0.11344	390	390	0 ANNUAL	WMRS		5	
TMA	422058	5414283	0.1124	390.28	390.28	0 ANNUAL	WMRS		5	
TMA	422058	5414303	0.11118	390.75	390.75	0 ANNUAL	WMRS		5	
TMA	422058	5414323	0.11019	391	391	0 ANNUAL	WMRS		5	
TMA	422058	5414343	0.10947	391	391	0 ANNUAL	WMRS		5	
TMA	422058	5414363	0.10876	391	391	0 ANNUAL	WMRS		5	
TMA	422058	5414383	0.10805	391	391	0 ANNUAL	WMRS		5	
TMA	422058	5414403	0.10735	391	391	0 ANNUAL	WMRS		5	
TMA	422058	5414423	0.10735	390.27	390.27	0 ANNUAL	WMRS		5	
TMA	422058	5414443	0.10798	388.81	388.81	0 ANNUAL	WMRS		5	
TMA	422078	5414243	0.11526	389.07	389.07	0 ANNUAL	WMRS		5	
TMA	422078	5414263	0.1137	389.85	389.85	0 ANNUAL	WMRS		5	
TMA	422078	5414283	0.11279	390	390	0 ANNUAL	WMRS		5	
TMA	422078	5414303	0.11197	390.07	390.07	0 ANNUAL	WMRS		5	
TMA	422078	5414323	0.11079	390.51	390.51	0 ANNUAL	WMRS		5	
TMA	422078	5414343	0.10957	391	391	0 ANNUAL	WMRS		5	
TMA	422078	5414363	0.10885	391	391	0 ANNUAL	WMRS		5	
TMA	422078	5414383	0.10816	390.99	390.99	0 ANNUAL	WMRS		5	
TMA	422078	5414403	0.10811	390.31	390.31	0 ANNUAL	WMRS		5	
TMA	422078	5414423	0.10765	390.06	390.06	0 ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	422078	5414443	0.1081	388.79	388.79	0 ANNUAL	WMRS			5
TMA	422098	5414243	0.11569	388.74	388.74	0 ANNUAL	WMRS			5
TMA	422098	5414263	0.11469	388.97	388.97	0 ANNUAL	WMRS			5
TMA	422098	5414283	0.11332	389.57	389.57	0 ANNUAL	WMRS			5
TMA	422098	5414303	0.11222	389.92	389.92	0 ANNUAL	WMRS			5
TMA	422098	5414323	0.1114	390	390	0 ANNUAL	WMRS			5
TMA	422098	5414343	0.11041	390.26	390.26	0 ANNUAL	WMRS			5
TMA	422098	5414363	0.10924	390.72	390.72	0 ANNUAL	WMRS			5
TMA	422098	5414383	0.10922	390	390	0 ANNUAL	WMRS			5
TMA	422098	5414403	0.10851	390	390	0 ANNUAL	WMRS			5
TMA	422098	5414423	0.10852	389.24	389.24	0 ANNUAL	WMRS			5
TMA	422098	5414443	0.10858	388.38	388.38	0 ANNUAL	WMRS			5
TMA	422118	5414243	0.11706	387.45	387.45	0 ANNUAL	WMRS			5
TMA	422118	5414263	0.11543	388.33	388.33	0 ANNUAL	WMRS			5
TMA	422118	5414283	0.1145	388.49	388.49	0 ANNUAL	WMRS			5
TMA	422118	5414303	0.11315	389.09	389.09	0 ANNUAL	WMRS			5
TMA	422118	5414323	0.11199	389.52	389.52	0 ANNUAL	WMRS			5
TMA	422118	5414343	0.11123	389.54	389.54	0 ANNUAL	WMRS			5
TMA	422118	5414363	0.11048	389.56	389.56	0 ANNUAL	WMRS			5
TMA	422118	5414383	0.10974	389.58	389.58	0 ANNUAL	WMRS			5
TMA	422118	5414403	0.10901	389.6	389.6	0 ANNUAL	WMRS			5
TMA	422118	5414423	0.10899	388.85	388.85	0 ANNUAL	WMRS			5
TMA	422118	5414443	0.10903	388	388	0 ANNUAL	WMRS			5
TMA	422138	5414243	0.11761	387	387	0 ANNUAL	WMRS			5
TMA	422138	5414263	0.11668	387.14	387.14	0 ANNUAL	WMRS			5
TMA	422138	5414283	0.1153	387.78	387.78	0 ANNUAL	WMRS			5
TMA	422138	5414303	0.11421	388.12	388.12	0 ANNUAL	WMRS			5
TMA	422138	5414323	0.11301	388.58	388.58	0 ANNUAL	WMRS			5
TMA	422138	5414343	0.11187	389	389	0 ANNUAL	WMRS			5
TMA	422138	5414363	0.11113	389	389	0 ANNUAL	WMRS			5
TMA	422138	5414383	0.11044	388.96	388.96	0 ANNUAL	WMRS			5
TMA	422138	5414403	0.11028	388.35	388.35	0 ANNUAL	WMRS			5
TMA	422138	5414423	0.10981	388.07	388.07	0 ANNUAL	WMRS			5
TMA	422138	5414443	0.10971	387.36	387.36	0 ANNUAL	WMRS			5
TMA	422158	5414243	0.11881	385.84	385.84	0 ANNUAL	WMRS			5
TMA	422158	5414263	0.11787	385.98	385.98	0 ANNUAL	WMRS			5
TMA	422158	5414283	0.11648	386.65	386.65	0 ANNUAL	WMRS			5
TMA	422158	5414303	0.11541	386.96	386.96	0 ANNUAL	WMRS			5
TMA	422158	5414323	0.11421	387.43	387.43	0 ANNUAL	WMRS			5
TMA	422158	5414343	0.11301	387.92	387.92	0 ANNUAL	WMRS			5
TMA	422158	5414363	0.11225	387.94	387.94	0 ANNUAL	WMRS			5
TMA	422158	5414383	0.11149	387.96	387.96	0 ANNUAL	WMRS			5
TMA	422158	5414403	0.11075	387.98	387.98	0 ANNUAL	WMRS			5
TMA	422158	5414423	0.1107	387.2	387.2	0 ANNUAL	WMRS			5
TMA	422158	5414443	0.11068	386.36	386.36	0 ANNUAL	WMRS			5
TMA	422178	5414243	0.12007	384.56	384.56	0 ANNUAL	WMRS			5
TMA	422178	5414263	0.11849	385.44	385.44	0 ANNUAL	WMRS			5
TMA	422178	5414283	0.11758	385.56	385.56	0 ANNUAL	WMRS			5
TMA	422178	5414303	0.11624	386.2	386.2	0 ANNUAL	WMRS			5
TMA	422178	5414323	0.11511	386.6	386.6	0 ANNUAL	WMRS			5
TMA	422178	5414343	0.11433	386.61	386.61	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	422178	5414363	0.11355	386.63	386.63	0 ANNUAL	WMRS			5
TMA	422178	5414383	0.11279	386.65	386.65	0 ANNUAL	WMRS			5
TMA	422178	5414403	0.11203	386.67	386.67	0 ANNUAL	WMRS			5
TMA	422178	5414423	0.11175	386.13	386.13	0 ANNUAL	WMRS			5
TMA	422178	5414443	0.11128	385.8	385.8	0 ANNUAL	WMRS			5
TMA	422198	5414243	0.12129	383.26	383.26	0 ANNUAL	WMRS			5
TMA	422198	5414263	0.11975	384.14	384.14	0 ANNUAL	WMRS			5
TMA	422198	5414283	0.11836	384.83	384.83	0 ANNUAL	WMRS			5
TMA	422198	5414303	0.11728	385.17	385.17	0 ANNUAL	WMRS			5
TMA	422198	5414323	0.11639	385.29	385.29	0 ANNUAL	WMRS			5
TMA	422198	5414343	0.11539	385.56	385.56	0 ANNUAL	WMRS			5
TMA	422198	5414363	0.11425	386	386	0 ANNUAL	WMRS			5
TMA	422198	5414383	0.11355	385.94	385.94	0 ANNUAL	WMRS			5
TMA	422198	5414403	0.11325	385.39	385.39	0 ANNUAL	WMRS			5
TMA	422198	5414423	0.11251	385.38	385.38	0 ANNUAL	WMRS			5
TMA	422198	5414443	0.11197	385.13	385.13	0 ANNUAL	WMRS			5
TMA	422218	5414243	0.12174	382.91	382.91	0 ANNUAL	WMRS			5
TMA	422218	5414263	0.12084	382.99	382.99	0 ANNUAL	WMRS			5
TMA	422218	5414283	0.11943	383.74	383.74	0 ANNUAL	WMRS			5
TMA	422218	5414303	0.11842	383.99	383.99	0 ANNUAL	WMRS			5
TMA	422218	5414323	0.11721	384.5	384.5	0 ANNUAL	WMRS			5
TMA	422218	5414343	0.11602	385	385	0 ANNUAL	WMRS			5
TMA	422218	5414363	0.11524	385.01	385.01	0 ANNUAL	WMRS			5
TMA	422218	5414383	0.11446	385.03	385.03	0 ANNUAL	WMRS			5
TMA	422218	5414403	0.11373	385	385	0 ANNUAL	WMRS			5
TMA	422218	5414423	0.11298	385	385	0 ANNUAL	WMRS			5
TMA	422218	5414443	0.11272	384.37	384.37	0 ANNUAL	WMRS			5
TMA	422238	5414243	0.12287	381.67	381.67	0 ANNUAL	WMRS			5
TMA	422238	5414263	0.12136	382.55	382.55	0 ANNUAL	WMRS			5
TMA	422238	5414283	0.12047	382.63	382.63	0 ANNUAL	WMRS			5
TMA	422238	5414303	0.11913	383.31	383.31	0 ANNUAL	WMRS			5
TMA	422238	5414323	0.11805	383.67	383.67	0 ANNUAL	WMRS			5
TMA	422238	5414343	0.11715	383.81	383.81	0 ANNUAL	WMRS			5
TMA	422238	5414363	0.11622	384	384	0 ANNUAL	WMRS			5
TMA	422238	5414383	0.11545	384	384	0 ANNUAL	WMRS			5
TMA	422238	5414403	0.11468	384	384	0 ANNUAL	WMRS			5
TMA	422238	5414423	0.11408	383.8	383.8	0 ANNUAL	WMRS			5
TMA	422238	5414443	0.11334	383.78	383.78	0 ANNUAL	WMRS			5
TMA	422258	5414243	0.12354	381.02	381.02	0 ANNUAL	WMRS			5
TMA	422258	5414263	0.12249	381.29	381.29	0 ANNUAL	WMRS			5
TMA	422258	5414283	0.12123	381.87	381.87	0 ANNUAL	WMRS			5
TMA	422258	5414303	0.12014	382.23	382.23	0 ANNUAL	WMRS			5
TMA	422258	5414323	0.11898	382.7	382.7	0 ANNUAL	WMRS			5
TMA	422258	5414343	0.11785	383.15	383.15	0 ANNUAL	WMRS			5
TMA	422258	5414363	0.11687	383.4	383.4	0 ANNUAL	WMRS			5
TMA	422258	5414383	0.11609	383.41	383.41	0 ANNUAL	WMRS			5
TMA	422258	5414403	0.1153	383.43	383.43	0 ANNUAL	WMRS			5
TMA	422258	5414423	0.1148	383.07	383.07	0 ANNUAL	WMRS			5
TMA	422258	5414443	0.1141	383	383	0 ANNUAL	WMRS			5
TMA	422278	5414243	0.12439	380.09	380.09	0 ANNUAL	WMRS			5
TMA	422278	5414263	0.12293	380.96	380.96	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	422278	5414283	0.12205	381.01	381.01	0 ANNUAL	WMRS			5
TMA	422278	5414303	0.12074	381.69	381.69	0 ANNUAL	WMRS			5
TMA	422278	5414323	0.11968	382.03	382.03	0 ANNUAL	WMRS			5
TMA	422278	5414343	0.11884	382.07	382.07	0 ANNUAL	WMRS			5
TMA	422278	5414363	0.11803	382.09	382.09	0 ANNUAL	WMRS			5
TMA	422278	5414383	0.11723	382.11	382.11	0 ANNUAL	WMRS			5
TMA	422278	5414403	0.11644	382.12	382.12	0 ANNUAL	WMRS			5
TMA	422278	5414423	0.11566	382.14	382.14	0 ANNUAL	WMRS			5
TMA	422278	5414443	0.11489	382.16	382.16	0 ANNUAL	WMRS			5
TMA	422298	5414243	0.12463	380.07	380.07	0 ANNUAL	WMRS			5
TMA	422298	5414263	0.12336	380.67	380.67	0 ANNUAL	WMRS			5
TMA	422298	5414283	0.12232	380.95	380.95	0 ANNUAL	WMRS			5
TMA	422298	5414303	0.12145	381	381	0 ANNUAL	WMRS			5
TMA	422298	5414323	0.12034	381.41	381.41	0 ANNUAL	WMRS			5
TMA	422298	5414343	0.11928	381.76	381.76	0 ANNUAL	WMRS			5
TMA	422298	5414363	0.11847	381.78	381.78	0 ANNUAL	WMRS			5
TMA	422298	5414383	0.11766	381.8	381.8	0 ANNUAL	WMRS			5
TMA	422298	5414403	0.11688	381.81	381.81	0 ANNUAL	WMRS			5
TMA	422298	5414423	0.11609	381.83	381.83	0 ANNUAL	WMRS			5
TMA	422298	5414443	0.11531	381.85	381.85	0 ANNUAL	WMRS			5
TMA	422318	5414243	0.12491	380	380	0 ANNUAL	WMRS			5
TMA	422318	5414263	0.12405	380	380	0 ANNUAL	WMRS			5
TMA	422318	5414283	0.12298	380.33	380.33	0 ANNUAL	WMRS			5
TMA	422318	5414303	0.1218	380.83	380.83	0 ANNUAL	WMRS			5
TMA	422318	5414323	0.12085	381	381	0 ANNUAL	WMRS			5
TMA	422318	5414343	0.12004	381	381	0 ANNUAL	WMRS			5
TMA	422318	5414363	0.11923	381	381	0 ANNUAL	WMRS			5
TMA	422318	5414383	0.11844	381	381	0 ANNUAL	WMRS			5
TMA	422318	5414403	0.11765	381	381	0 ANNUAL	WMRS			5
TMA	422318	5414423	0.11687	381	381	0 ANNUAL	WMRS			5
TMA	422318	5414443	0.1161	381	381	0 ANNUAL	WMRS			5
TMA	422338	5414243	0.12516	380	380	0 ANNUAL	WMRS			5
TMA	422338	5414263	0.1243	380	380	0 ANNUAL	WMRS			5
TMA	422338	5414283	0.12344	380	380	0 ANNUAL	WMRS			5
TMA	422338	5414303	0.12255	380.08	380.08	0 ANNUAL	WMRS			5
TMA	422338	5414323	0.12169	380.12	380.12	0 ANNUAL	WMRS			5
TMA	422338	5414343	0.12085	380.14	380.14	0 ANNUAL	WMRS			5
TMA	422338	5414363	0.12003	380.16	380.16	0 ANNUAL	WMRS			5
TMA	422338	5414383	0.11921	380.18	380.18	0 ANNUAL	WMRS			5
TMA	422338	5414403	0.11838	380.23	380.23	0 ANNUAL	WMRS			5
TMA	422338	5414423	0.11716	380.92	380.92	0 ANNUAL	WMRS			5
TMA	422338	5414443	0.11634	381	381	0 ANNUAL	WMRS			5
TMA	422358	5414243	0.12602	379.1	379.1	0 ANNUAL	WMRS			5
TMA	422358	5414263	0.12472	379.76	379.76	0 ANNUAL	WMRS			5
TMA	422358	5414283	0.12372	379.97	379.97	0 ANNUAL	WMRS			5
TMA	422358	5414303	0.12286	380	380	0 ANNUAL	WMRS			5
TMA	422358	5414323	0.12202	380	380	0 ANNUAL	WMRS			5
TMA	422358	5414343	0.1212	380	380	0 ANNUAL	WMRS			5
TMA	422358	5414363	0.12038	380	380	0 ANNUAL	WMRS			5
TMA	422358	5414383	0.11958	380	380	0 ANNUAL	WMRS			5
TMA	422358	5414403	0.11878	380	380	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	422358	5414423	0.11799	380	380	0 ANNUAL	WMRS			5
TMA	422358	5414443	0.11721	380	380	0 ANNUAL	WMRS			5
TMA	420878	5414493	0.09255	375	375	0 ANNUAL	WMRS			5
TMA	420878	5414543	0.09144	375	375	0 ANNUAL	WMRS			5
TMA	420878	5414593	0.09025	375.35	375.35	0 ANNUAL	WMRS			5
TMA	420878	5414643	0.08815	378.49	378.49	0 ANNUAL	WMRS			5
TMA	420878	5414693	0.08661	380	380	0 ANNUAL	WMRS			5
TMA	420878	5414743	0.08529	381	381	0 ANNUAL	WMRS			5
TMA	420878	5414793	0.08402	381.99	381.99	0 ANNUAL	WMRS			5
TMA	420878	5414843	0.08313	382.15	382.15	0 ANNUAL	WMRS			5
TMA	420878	5414893	0.08196	383.07	383.07	0 ANNUAL	WMRS			5
TMA	420878	5414943	0.08083	384	384	0 ANNUAL	WMRS			5
TMA	420878	5414993	0.08012	384	384	0 ANNUAL	WMRS			5
TMA	420878	5415043	0.07929	384.35	384.35	0 ANNUAL	WMRS			5
TMA	420878	5415093	0.07837	385	385	0 ANNUAL	WMRS			5
TMA	420878	5415143	0.07753	385.5	385.5	0 ANNUAL	WMRS			5
TMA	420878	5415193	0.07672	386	386	0 ANNUAL	WMRS			5
TMA	420928	5414493	0.09355	375	375	0 ANNUAL	WMRS			5
TMA	420928	5414543	0.09245	375	375	0 ANNUAL	WMRS			5
TMA	420928	5414593	0.09128	375.38	375.38	0 ANNUAL	WMRS			5
TMA	420928	5414643	0.08954	377.54	377.54	0 ANNUAL	WMRS			5
TMA	420928	5414693	0.08808	378.93	378.93	0 ANNUAL	WMRS			5
TMA	420928	5414743	0.08677	380	380	0 ANNUAL	WMRS			5
TMA	420928	5414793	0.08552	381.02	381.02	0 ANNUAL	WMRS			5
TMA	420928	5414843	0.08431	382	382	0 ANNUAL	WMRS			5
TMA	420928	5414893	0.08315	382.96	382.96	0 ANNUAL	WMRS			5
TMA	420928	5414943	0.08239	383	383	0 ANNUAL	WMRS			5
TMA	420928	5414993	0.08168	383	383	0 ANNUAL	WMRS			5
TMA	420928	5415043	0.08096	383.07	383.07	0 ANNUAL	WMRS			5
TMA	420928	5415093	0.08027	383.13	383.13	0 ANNUAL	WMRS			5
TMA	420928	5415143	0.07922	384.17	384.17	0 ANNUAL	WMRS			5
TMA	420928	5415193	0.07823	385.06	385.06	0 ANNUAL	WMRS			5
TMA	420978	5414493	0.09464	375	375	0 ANNUAL	WMRS			5
TMA	420978	5414543	0.09356	375	375	0 ANNUAL	WMRS			5
TMA	420978	5414593	0.09239	375.41	375.41	0 ANNUAL	WMRS			5
TMA	420978	5414643	0.09102	376.57	376.57	0 ANNUAL	WMRS			5
TMA	420978	5414693	0.08931	378.73	378.73	0 ANNUAL	WMRS			5
TMA	420978	5414743	0.08799	379.89	379.89	0 ANNUAL	WMRS			5
TMA	420978	5414793	0.08672	381	381	0 ANNUAL	WMRS			5
TMA	420978	5414843	0.08564	381.7	381.7	0 ANNUAL	WMRS			5
TMA	420978	5414893	0.08475	382	382	0 ANNUAL	WMRS			5
TMA	420978	5414943	0.084	382	382	0 ANNUAL	WMRS			5
TMA	420978	5414993	0.08336	381.76	381.76	0 ANNUAL	WMRS			5
TMA	420978	5415043	0.08262	381.81	381.81	0 ANNUAL	WMRS			5
TMA	420978	5415093	0.08191	381.85	381.85	0 ANNUAL	WMRS			5
TMA	420978	5415143	0.08084	382.92	382.92	0 ANNUAL	WMRS			5
TMA	420978	5415193	0.07978	383.96	383.96	0 ANNUAL	WMRS			5
TMA	421028	5414493	0.09582	375	375	0 ANNUAL	WMRS			5
TMA	421028	5414543	0.09476	375	375	0 ANNUAL	WMRS			5
TMA	421028	5414593	0.09373	375.05	375.05	0 ANNUAL	WMRS			5
TMA	421028	5414643	0.09224	376.6	376.6	0 ANNUAL	WMRS			5



Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	421028	5414693	0.09089	377.81	377.81	0 ANNUAL	WMRS			5
TMA	421028	5414743	0.08949	379.24	379.24	0 ANNUAL	WMRS			5
TMA	421028	5414793	0.08833	380.08	380.08	0 ANNUAL	WMRS			5
TMA	421028	5414843	0.08717	381	381	0 ANNUAL	WMRS			5
TMA	421028	5414893	0.08638	381	381	0 ANNUAL	WMRS			5
TMA	421028	5414943	0.08561	381	381	0 ANNUAL	WMRS			5
TMA	421028	5414993	0.08498	380.63	380.63	0 ANNUAL	WMRS			5
TMA	421028	5415043	0.08443	380	380	0 ANNUAL	WMRS			5
TMA	421028	5415093	0.08349	380.59	380.59	0 ANNUAL	WMRS			5
TMA	421028	5415143	0.08258	381.12	381.12	0 ANNUAL	WMRS			5
TMA	421028	5415193	0.08144	382.35	382.35	0 ANNUAL	WMRS			5
TMA	421078	5414493	0.09675	376	376	0 ANNUAL	WMRS			5
TMA	421078	5414543	0.09572	376	376	0 ANNUAL	WMRS			5
TMA	421078	5414593	0.09471	376	376	0 ANNUAL	WMRS			5
TMA	421078	5414643	0.09374	376	376	0 ANNUAL	WMRS			5
TMA	421078	5414693	0.0922	377.79	377.79	0 ANNUAL	WMRS			5
TMA	421078	5414743	0.09088	379	379	0 ANNUAL	WMRS			5
TMA	421078	5414793	0.08966	380	380	0 ANNUAL	WMRS			5
TMA	421078	5414843	0.0888	380.08	380.08	0 ANNUAL	WMRS			5
TMA	421078	5414893	0.08796	380.12	380.12	0 ANNUAL	WMRS			5
TMA	421078	5414943	0.08719	380	380	0 ANNUAL	WMRS			5
TMA	421078	5414993	0.08639	380	380	0 ANNUAL	WMRS			5
TMA	421078	5415043	0.08559	380	380	0 ANNUAL	WMRS			5
TMA	421078	5415093	0.0848	380	380	0 ANNUAL	WMRS			5
TMA	421078	5415143	0.08394	380.22	380.22	0 ANNUAL	WMRS			5
TMA	421078	5415193	0.08271	381.63	381.63	0 ANNUAL	WMRS			5
TMA	421128	5414493	0.09778	376.91	376.91	0 ANNUAL	WMRS			5
TMA	421128	5414543	0.09697	376.31	376.31	0 ANNUAL	WMRS			5
TMA	421128	5414593	0.09607	376	376	0 ANNUAL	WMRS			5
TMA	421128	5414643	0.09509	376	376	0 ANNUAL	WMRS			5
TMA	421128	5414693	0.09382	377	377	0 ANNUAL	WMRS			5
TMA	421128	5414743	0.09232	378.7	378.7	0 ANNUAL	WMRS			5
TMA	421128	5414793	0.09105	379.79	379.79	0 ANNUAL	WMRS			5
TMA	421128	5414843	0.09011	380	380	0 ANNUAL	WMRS			5
TMA	421128	5414893	0.08931	379.85	379.85	0 ANNUAL	WMRS			5
TMA	421128	5414943	0.08844	379.9	379.9	0 ANNUAL	WMRS			5
TMA	421128	5414993	0.08787	379	379	0 ANNUAL	WMRS			5
TMA	421128	5415043	0.08701	379	379	0 ANNUAL	WMRS			5
TMA	421128	5415093	0.08613	379.09	379.09	0 ANNUAL	WMRS			5
TMA	421128	5415143	0.08494	380.25	380.25	0 ANNUAL	WMRS			5
TMA	421128	5415193	0.08373	381.41	381.41	0 ANNUAL	WMRS			5
TMA	421178	5414493	0.09879	378	378	0 ANNUAL	WMRS			5
TMA	421178	5414543	0.09797	377.46	377.46	0 ANNUAL	WMRS			5
TMA	421178	5414593	0.09719	376.84	376.84	0 ANNUAL	WMRS			5
TMA	421178	5414643	0.09647	376	376	0 ANNUAL	WMRS			5
TMA	421178	5414693	0.09522	376.85	376.85	0 ANNUAL	WMRS			5
TMA	421178	5414743	0.09408	377.44	377.44	0 ANNUAL	WMRS			5
TMA	421178	5414793	0.09296	378	378	0 ANNUAL	WMRS			5
TMA	421178	5414843	0.09186	378.53	378.53	0 ANNUAL	WMRS			5
TMA	421178	5414893	0.09092	378.58	378.58	0 ANNUAL	WMRS			5
TMA	421178	5414943	0.09011	378.22	378.22	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	421178	5414993	0.0891	378.54	378.54	0 ANNUAL	WMRS			5
TMA	421178	5415043	0.08806	378.99	378.99	0 ANNUAL	WMRS			5
TMA	421178	5415093	0.0871	379.12	379.12	0 ANNUAL	WMRS			5
TMA	421178	5415143	0.08585	380.28	380.28	0 ANNUAL	WMRS			5
TMA	421178	5415193	0.08458	381.44	381.44	0 ANNUAL	WMRS			5
TMA	421228	5414493	0.09953	379.77	379.77	0 ANNUAL	WMRS			5
TMA	421228	5414543	0.09899	378.6	378.6	0 ANNUAL	WMRS			5
TMA	421228	5414593	0.0982	377.99	377.99	0 ANNUAL	WMRS			5
TMA	421228	5414643	0.09752	377	377	0 ANNUAL	WMRS			5
TMA	421228	5414693	0.09655	376.88	376.88	0 ANNUAL	WMRS			5
TMA	421228	5414743	0.09551	377	377	0 ANNUAL	WMRS			5
TMA	421228	5414793	0.09451	377	377	0 ANNUAL	WMRS			5
TMA	421228	5414843	0.09352	377	377	0 ANNUAL	WMRS			5
TMA	421228	5414893	0.09252	377	377	0 ANNUAL	WMRS			5
TMA	421228	5414943	0.09126	378	378	0 ANNUAL	WMRS			5
TMA	421228	5414993	0.09027	378	378	0 ANNUAL	WMRS			5
TMA	421228	5415043	0.08901	379	379	0 ANNUAL	WMRS			5
TMA	421228	5415093	0.08798	379.15	379.15	0 ANNUAL	WMRS			5
TMA	421228	5415143	0.08666	380.31	380.31	0 ANNUAL	WMRS			5
TMA	421228	5415193	0.08532	381.47	381.47	0 ANNUAL	WMRS			5
TMA	421278	5414493	0.10054	380.81	380.81	0 ANNUAL	WMRS			5
TMA	421278	5414543	0.09986	380	380	0 ANNUAL	WMRS			5
TMA	421278	5414593	0.09922	379	379	0 ANNUAL	WMRS			5
TMA	421278	5414643	0.09853	378	378	0 ANNUAL	WMRS			5
TMA	421278	5414693	0.0978	377.01	377.01	0 ANNUAL	WMRS			5
TMA	421278	5414743	0.09674	377	377	0 ANNUAL	WMRS			5
TMA	421278	5414793	0.09569	377	377	0 ANNUAL	WMRS			5
TMA	421278	5414843	0.09463	377	377	0 ANNUAL	WMRS			5
TMA	421278	5414893	0.09342	377.55	377.55	0 ANNUAL	WMRS			5
TMA	421278	5414943	0.09224	378	378	0 ANNUAL	WMRS			5
TMA	421278	5414993	0.0909	378.98	378.98	0 ANNUAL	WMRS			5
TMA	421278	5415043	0.08985	379.02	379.02	0 ANNUAL	WMRS			5
TMA	421278	5415093	0.08851	380	380	0 ANNUAL	WMRS			5
TMA	421278	5415143	0.08745	380.09	380.09	0 ANNUAL	WMRS			5
TMA	421278	5415193	0.08612	381	381	0 ANNUAL	WMRS			5
TMA	421328	5414493	0.10143	382	382	0 ANNUAL	WMRS			5
TMA	421328	5414543	0.10091	380.8	380.8	0 ANNUAL	WMRS			5
TMA	421328	5414593	0.10029	379.7	379.7	0 ANNUAL	WMRS			5
TMA	421328	5414643	0.0996	378.59	378.59	0 ANNUAL	WMRS			5
TMA	421328	5414693	0.0987	378	378	0 ANNUAL	WMRS			5
TMA	421328	5414743	0.0979	377	377	0 ANNUAL	WMRS			5
TMA	421328	5414793	0.09677	377	377	0 ANNUAL	WMRS			5
TMA	421328	5414843	0.09565	377	377	0 ANNUAL	WMRS			5
TMA	421328	5414893	0.09424	378	378	0 ANNUAL	WMRS			5
TMA	421328	5414943	0.0929	378.74	378.74	0 ANNUAL	WMRS			5
TMA	421328	5414993	0.09142	379.9	379.9	0 ANNUAL	WMRS			5
TMA	421328	5415043	0.09029	380	380	0 ANNUAL	WMRS			5
TMA	421328	5415093	0.08918	380	380	0 ANNUAL	WMRS			5
TMA	421328	5415143	0.08809	380	380	0 ANNUAL	WMRS			5
TMA	421328	5415193	0.08682	380.53	380.53	0 ANNUAL	WMRS			5
TMA	421378	5414493	0.10199	383.58	383.58	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	421378	5414543	0.10151	382.34	382.34	0 ANNUAL	WMRS			5
TMA	421378	5414593	0.10131	380.27	380.27	0 ANNUAL	WMRS			5
TMA	421378	5414643	0.10065	379	379	0 ANNUAL	WMRS			5
TMA	421378	5414693	0.09982	378	378	0 ANNUAL	WMRS			5
TMA	421378	5414743	0.09895	377	377	0 ANNUAL	WMRS			5
TMA	421378	5414793	0.09775	377	377	0 ANNUAL	WMRS			5
TMA	421378	5414843	0.09649	377.25	377.25	0 ANNUAL	WMRS			5
TMA	421378	5414893	0.09507	378	378	0 ANNUAL	WMRS			5
TMA	421378	5414943	0.09358	379	379	0 ANNUAL	WMRS			5
TMA	421378	5414993	0.0921	379.93	379.93	0 ANNUAL	WMRS			5
TMA	421378	5415043	0.09091	380	380	0 ANNUAL	WMRS			5
TMA	421378	5415093	0.08975	380	380	0 ANNUAL	WMRS			5
TMA	421378	5415143	0.08851	380.28	380.28	0 ANNUAL	WMRS			5
TMA	421378	5415193	0.08737	380.24	380.24	0 ANNUAL	WMRS			5
TMA	421428	5414493	0.10198	385.79	385.79	0 ANNUAL	WMRS			5
TMA	421428	5414543	0.10209	383.58	383.58	0 ANNUAL	WMRS			5
TMA	421428	5414593	0.10201	381.31	381.31	0 ANNUAL	WMRS			5
TMA	421428	5414643	0.10168	379.15	379.15	0 ANNUAL	WMRS			5
TMA	421428	5414693	0.10083	378	378	0 ANNUAL	WMRS			5
TMA	421428	5414743	0.09963	377.83	377.83	0 ANNUAL	WMRS			5
TMA	421428	5414793	0.09862	377	377	0 ANNUAL	WMRS			5
TMA	421428	5414843	0.09721	377.48	377.48	0 ANNUAL	WMRS			5
TMA	421428	5414893	0.0958	378	378	0 ANNUAL	WMRS			5
TMA	421428	5414943	0.09423	379	379	0 ANNUAL	WMRS			5
TMA	421428	5414993	0.09267	379.96	379.96	0 ANNUAL	WMRS			5
TMA	421428	5415043	0.09144	380	380	0 ANNUAL	WMRS			5
TMA	421428	5415093	0.09013	380.28	380.28	0 ANNUAL	WMRS			5
TMA	421428	5415143	0.08868	381	381	0 ANNUAL	WMRS			5
TMA	421428	5415193	0.08749	381	381	0 ANNUAL	WMRS			5
TMA	421478	5414493	0.10108	388.77	388.77	0 ANNUAL	WMRS			5
TMA	421478	5414543	0.10154	386.26	388	0 ANNUAL	WMRS			5
TMA	421478	5414593	0.10272	381.9	384	0 ANNUAL	WMRS			5
TMA	421478	5414643	0.10265	379.12	379.12	0 ANNUAL	WMRS			5
TMA	421478	5414693	0.10164	378.24	378.24	0 ANNUAL	WMRS			5
TMA	421478	5414743	0.10039	378	378	0 ANNUAL	WMRS			5
TMA	421478	5414793	0.09935	377.1	377.1	0 ANNUAL	WMRS			5
TMA	421478	5414843	0.09789	377.51	377.51	0 ANNUAL	WMRS			5
TMA	421478	5414893	0.09641	378	378	0 ANNUAL	WMRS			5
TMA	421478	5414943	0.09478	379	379	0 ANNUAL	WMRS			5
TMA	421478	5414993	0.09315	379.99	379.99	0 ANNUAL	WMRS			5
TMA	421478	5415043	0.09187	380	380	0 ANNUAL	WMRS			5
TMA	421478	5415093	0.0905	380.31	380.31	0 ANNUAL	WMRS			5
TMA	421478	5415143	0.08901	381	381	0 ANNUAL	WMRS			5
TMA	421478	5415193	0.08778	381	381	0 ANNUAL	WMRS			5
TMA	421528	5414493	0.10113	390	390	0 ANNUAL	WMRS			5
TMA	421528	5414543	0.10216	386.82	386.82	0 ANNUAL	WMRS			5
TMA	421528	5414593	0.10335	382.5	382.5	0 ANNUAL	WMRS			5
TMA	421528	5414643	0.10312	380	380	0 ANNUAL	WMRS			5
TMA	421528	5414693	0.10212	379	379	0 ANNUAL	WMRS			5
TMA	421528	5414743	0.10109	378	378	0 ANNUAL	WMRS			5
TMA	421528	5414793	0.09969	378	378	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	421528	5414843	0.0984	377.72	377.72	0 ANNUAL	WMRS			5
TMA	421528	5414893	0.09693	378	378	0 ANNUAL	WMRS			5
TMA	421528	5414943	0.09523	379	379	0 ANNUAL	WMRS			5
TMA	421528	5414993	0.09353	380	380	0 ANNUAL	WMRS			5
TMA	421528	5415043	0.09222	380	380	0 ANNUAL	WMRS			5
TMA	421528	5415093	0.09079	380.34	380.34	0 ANNUAL	WMRS			5
TMA	421528	5415143	0.08927	381	381	0 ANNUAL	WMRS			5
TMA	421528	5415193	0.08802	381	381	0 ANNUAL	WMRS			5
TMA	421578	5414493	0.10348	388.02	388.02	0 ANNUAL	WMRS			5
TMA	421578	5414543	0.10384	385.45	385.45	0 ANNUAL	WMRS			5
TMA	421578	5414593	0.10451	381.53	386	0 ANNUAL	WMRS			5
TMA	421578	5414643	0.10422	379.06	379.06	0 ANNUAL	WMRS			5
TMA	421578	5414693	0.1028	378.92	378.92	0 ANNUAL	WMRS			5
TMA	421578	5414743	0.10168	378	378	0 ANNUAL	WMRS			5
TMA	421578	5414793	0.10022	378	378	0 ANNUAL	WMRS			5
TMA	421578	5414843	0.09878	378	378	0 ANNUAL	WMRS			5
TMA	421578	5414893	0.0971	378.73	378.73	0 ANNUAL	WMRS			5
TMA	421578	5414943	0.0956	379	379	0 ANNUAL	WMRS			5
TMA	421578	5414993	0.09385	380	380	0 ANNUAL	WMRS			5
TMA	421578	5415043	0.0925	380	380	0 ANNUAL	WMRS			5
TMA	421578	5415093	0.09094	380.63	380.63	0 ANNUAL	WMRS			5
TMA	421578	5415143	0.08949	381	381	0 ANNUAL	WMRS			5
TMA	421578	5415193	0.08821	381	381	0 ANNUAL	WMRS			5
TMA	421628	5414493	0.10613	385.26	385.26	0 ANNUAL	WMRS			5
TMA	421628	5414543	0.10579	383.35	383.35	0 ANNUAL	WMRS			5
TMA	421628	5414593	0.1054	381.19	381.19	0 ANNUAL	WMRS			5
TMA	421628	5414643	0.1044	380.03	380.03	0 ANNUAL	WMRS			5
TMA	421628	5414693	0.1033	379	379	0 ANNUAL	WMRS			5
TMA	421628	5414743	0.10217	378	378	0 ANNUAL	WMRS			5
TMA	421628	5414793	0.10066	378	378	0 ANNUAL	WMRS			5
TMA	421628	5414843	0.09917	378	378	0 ANNUAL	WMRS			5
TMA	421628	5414893	0.09735	378.97	378.97	0 ANNUAL	WMRS			5
TMA	421628	5414943	0.09555	379.92	379.92	0 ANNUAL	WMRS			5
TMA	421628	5414993	0.09412	380	380	0 ANNUAL	WMRS			5
TMA	421628	5415043	0.09265	380.24	380.24	0 ANNUAL	WMRS			5
TMA	421628	5415093	0.091	381	381	0 ANNUAL	WMRS			5
TMA	421628	5415143	0.08968	381	381	0 ANNUAL	WMRS			5
TMA	421628	5415193	0.08804	381.89	381.89	0 ANNUAL	WMRS			5
TMA	421678	5414493	0.10832	382.73	382.73	0 ANNUAL	WMRS			5
TMA	421678	5414543	0.10702	382.17	382.17	0 ANNUAL	WMRS			5
TMA	421678	5414593	0.10597	381.09	381.09	0 ANNUAL	WMRS			5
TMA	421678	5414643	0.10489	380	380	0 ANNUAL	WMRS			5
TMA	421678	5414693	0.10374	379	379	0 ANNUAL	WMRS			5
TMA	421678	5414743	0.10257	378	378	0 ANNUAL	WMRS			5
TMA	421678	5414793	0.10102	378	378	0 ANNUAL	WMRS			5
TMA	421678	5414843	0.09945	378.13	378.13	0 ANNUAL	WMRS			5
TMA	421678	5414893	0.09762	379	379	0 ANNUAL	WMRS			5
TMA	421678	5414943	0.09579	379.96	379.96	0 ANNUAL	WMRS			5
TMA	421678	5414993	0.09434	380	380	0 ANNUAL	WMRS			5
TMA	421678	5415043	0.09254	381	381	0 ANNUAL	WMRS			5
TMA	421678	5415093	0.09118	381	381	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	421678	5415143	0.08961	381.59	381.59	0 ANNUAL	WMRS			5
TMA	421678	5415193	0.08815	382	382	0 ANNUAL	WMRS			5
TMA	421728	5414493	0.10976	381.09	381.09	0 ANNUAL	WMRS			5
TMA	421728	5414543	0.10839	380.47	380.47	0 ANNUAL	WMRS			5
TMA	421728	5414593	0.10694	380	380	0 ANNUAL	WMRS			5
TMA	421728	5414643	0.10574	379	379	0 ANNUAL	WMRS			5
TMA	421728	5414693	0.10419	378.81	378.81	0 ANNUAL	WMRS			5
TMA	421728	5414743	0.10291	378	378	0 ANNUAL	WMRS			5
TMA	421728	5414793	0.10132	378	378	0 ANNUAL	WMRS			5
TMA	421728	5414843	0.09938	379	379	0 ANNUAL	WMRS			5
TMA	421728	5414893	0.09787	379	379	0 ANNUAL	WMRS			5
TMA	421728	5414943	0.09598	380	380	0 ANNUAL	WMRS			5
TMA	421728	5414993	0.09448	380.14	380.14	0 ANNUAL	WMRS			5
TMA	421728	5415043	0.09272	381	381	0 ANNUAL	WMRS			5
TMA	421728	5415093	0.09131	381.11	381.11	0 ANNUAL	WMRS			5
TMA	421728	5415143	0.0896	382	382	0 ANNUAL	WMRS			5
TMA	421728	5415193	0.08825	382.12	382.12	0 ANNUAL	WMRS			5
TMA	421778	5414493	0.11078	380	380	0 ANNUAL	WMRS			5
TMA	421778	5414543	0.10903	380	380	0 ANNUAL	WMRS			5
TMA	421778	5414593	0.10773	379.1	379.1	0 ANNUAL	WMRS			5
TMA	421778	5414643	0.10608	379	379	0 ANNUAL	WMRS			5
TMA	421778	5414693	0.1048	378.09	378.09	0 ANNUAL	WMRS			5
TMA	421778	5414743	0.1032	378	378	0 ANNUAL	WMRS			5
TMA	421778	5414793	0.10142	378.42	378.42	0 ANNUAL	WMRS			5
TMA	421778	5414843	0.09962	379	379	0 ANNUAL	WMRS			5
TMA	421778	5414893	0.09767	380	380	0 ANNUAL	WMRS			5
TMA	421778	5414943	0.09618	380.01	380.01	0 ANNUAL	WMRS			5
TMA	421778	5414993	0.09431	381	381	0 ANNUAL	WMRS			5
TMA	421778	5415043	0.0929	381	381	0 ANNUAL	WMRS			5
TMA	421778	5415093	0.0911	382	382	0 ANNUAL	WMRS			5
TMA	421778	5415143	0.08976	382	382	0 ANNUAL	WMRS			5
TMA	421778	5415193	0.08803	383	383	0 ANNUAL	WMRS			5
TMA	421828	5414493	0.11109	380.13	380.13	0 ANNUAL	WMRS			5
TMA	421828	5414543	0.10975	379.23	379.23	0 ANNUAL	WMRS			5
TMA	421828	5414593	0.1081	379	379	0 ANNUAL	WMRS			5
TMA	421828	5414643	0.10638	378.98	378.98	0 ANNUAL	WMRS			5
TMA	421828	5414693	0.10512	378	378	0 ANNUAL	WMRS			5
TMA	421828	5414743	0.10344	378.04	378.04	0 ANNUAL	WMRS			5
TMA	421828	5414793	0.10141	379	379	0 ANNUAL	WMRS			5
TMA	421828	5414843	0.09952	379.73	379.73	0 ANNUAL	WMRS			5
TMA	421828	5414893	0.09787	380	380	0 ANNUAL	WMRS			5
TMA	421828	5414943	0.09594	381	381	0 ANNUAL	WMRS			5
TMA	421828	5414993	0.09441	381.18	381.18	0 ANNUAL	WMRS			5
TMA	421828	5415043	0.09264	382	382	0 ANNUAL	WMRS			5
TMA	421828	5415093	0.09109	382.41	382.41	0 ANNUAL	WMRS			5
TMA	421828	5415143	0.08949	383	383	0 ANNUAL	WMRS			5
TMA	421828	5415193	0.08794	383.58	383.58	0 ANNUAL	WMRS			5
TMA	421878	5414493	0.1113	380.35	380.35	0 ANNUAL	WMRS			5
TMA	421878	5414543	0.11007	379.2	379.2	0 ANNUAL	WMRS			5
TMA	421878	5414593	0.10838	379	379	0 ANNUAL	WMRS			5
TMA	421878	5414643	0.10664	379	379	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	421878	5414693	0.105	378.84	378.84	0 ANNUAL	WMRS		5	
TMA	421878	5414743	0.10342	378.65	378.65	0 ANNUAL	WMRS		5	
TMA	421878	5414793	0.10164	379	379	0 ANNUAL	WMRS		5	
TMA	421878	5414843	0.09962	380	380	0 ANNUAL	WMRS		5	
TMA	421878	5414893	0.09767	380.91	380.91	0 ANNUAL	WMRS		5	
TMA	421878	5414943	0.09614	381.01	381.01	0 ANNUAL	WMRS		5	
TMA	421878	5414993	0.09423	382	382	0 ANNUAL	WMRS		5	
TMA	421878	5415043	0.09262	382.46	382.46	0 ANNUAL	WMRS		5	
TMA	421878	5415093	0.091	383	383	0 ANNUAL	WMRS		5	
TMA	421878	5415143	0.08935	383.71	383.71	0 ANNUAL	WMRS		5	
TMA	421878	5415193	0.08793	384	384	0 ANNUAL	WMRS		5	
TMA	421928	5414493	0.11103	381.32	381.32	0 ANNUAL	WMRS		5	
TMA	421928	5414543	0.10994	380	380	0 ANNUAL	WMRS		5	
TMA	421928	5414593	0.10865	379	379	0 ANNUAL	WMRS		5	
TMA	421928	5414643	0.10689	379	379	0 ANNUAL	WMRS		5	
TMA	421928	5414693	0.10517	379	379	0 ANNUAL	WMRS		5	
TMA	421928	5414743	0.1035	379	379	0 ANNUAL	WMRS		5	
TMA	421928	5414793	0.10159	379.63	379.63	0 ANNUAL	WMRS		5	
TMA	421928	5414843	0.09984	380	380	0 ANNUAL	WMRS		5	
TMA	421928	5414893	0.09787	380.94	380.94	0 ANNUAL	WMRS		5	
TMA	421928	5414943	0.09631	381.1	381.1	0 ANNUAL	WMRS		5	
TMA	421928	5414993	0.09439	382.11	382.11	0 ANNUAL	WMRS		5	
TMA	421928	5415043	0.09257	383	383	0 ANNUAL	WMRS		5	
TMA	421928	5415093	0.09087	383.72	383.72	0 ANNUAL	WMRS		5	
TMA	421928	5415143	0.08932	384.21	384.21	0 ANNUAL	WMRS		5	
TMA	421928	5415193	0.08766	385	385	0 ANNUAL	WMRS		5	
TMA	421978	5414493	0.11003	383.34	383.34	0 ANNUAL	WMRS		5	
TMA	421978	5414543	0.11013	380.14	380.14	0 ANNUAL	WMRS		5	
TMA	421978	5414593	0.10892	379	379	0 ANNUAL	WMRS		5	
TMA	421978	5414643	0.10715	379	379	0 ANNUAL	WMRS		5	
TMA	421978	5414693	0.10543	379	379	0 ANNUAL	WMRS		5	
TMA	421978	5414743	0.10375	379	379	0 ANNUAL	WMRS		5	
TMA	421978	5414793	0.10182	379.66	379.66	0 ANNUAL	WMRS		5	
TMA	421978	5414843	0.10008	380	380	0 ANNUAL	WMRS		5	
TMA	421978	5414893	0.09808	381	381	0 ANNUAL	WMRS		5	
TMA	421978	5414943	0.09612	382	382	0 ANNUAL	WMRS		5	
TMA	421978	5414993	0.09455	382.29	382.29	0 ANNUAL	WMRS		5	
TMA	421978	5415043	0.09259	383.45	383.45	0 ANNUAL	WMRS		5	
TMA	421978	5415093	0.09078	384.37	384.37	0 ANNUAL	WMRS		5	
TMA	421978	5415143	0.08916	385	385	0 ANNUAL	WMRS		5	
TMA	421978	5415193	0.08741	385.96	385.96	0 ANNUAL	WMRS		5	
TMA	422028	5414493	0.11002	383.64	386	0 ANNUAL	WMRS		5	
TMA	422028	5414543	0.11041	380.15	380.15	0 ANNUAL	WMRS		5	
TMA	422028	5414593	0.10903	379.34	379.34	0 ANNUAL	WMRS		5	
TMA	422028	5414643	0.10732	379.23	379.23	0 ANNUAL	WMRS		5	
TMA	422028	5414693	0.10571	379	379	0 ANNUAL	WMRS		5	
TMA	422028	5414743	0.10403	379	379	0 ANNUAL	WMRS		5	
TMA	422028	5414793	0.10208	379.69	379.69	0 ANNUAL	WMRS		5	
TMA	422028	5414843	0.10036	380	380	0 ANNUAL	WMRS		5	
TMA	422028	5414893	0.09836	381	381	0 ANNUAL	WMRS		5	
TMA	422028	5414943	0.0964	382	382	0 ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	422028	5414993	0.09431	383.31	383.31	0 ANNUAL	WMRS			5
TMA	422028	5415043	0.09234	384.45	384.45	0 ANNUAL	WMRS			5
TMA	422028	5415093	0.09042	385.56	385.56	0 ANNUAL	WMRS			5
TMA	422028	5415143	0.0889	386	386	0 ANNUAL	WMRS			5
TMA	422028	5415193	0.08712	386.99	386.99	0 ANNUAL	WMRS			5
TMA	422078	5414493	0.10979	384.47	384.47	0 ANNUAL	WMRS			5
TMA	422078	5414543	0.11016	381.12	381.12	0 ANNUAL	WMRS			5
TMA	422078	5414593	0.10899	380	380	0 ANNUAL	WMRS			5
TMA	422078	5414643	0.10724	380	380	0 ANNUAL	WMRS			5
TMA	422078	5414693	0.10553	380	380	0 ANNUAL	WMRS			5
TMA	422078	5414743	0.10412	379.47	379.47	0 ANNUAL	WMRS			5
TMA	422078	5414793	0.10238	379.72	379.72	0 ANNUAL	WMRS			5
TMA	422078	5414843	0.10067	380	380	0 ANNUAL	WMRS			5
TMA	422078	5414893	0.09865	381.04	381.04	0 ANNUAL	WMRS			5
TMA	422078	5414943	0.09649	382.43	382.43	0 ANNUAL	WMRS			5
TMA	422078	5414993	0.09421	384.09	384.09	0 ANNUAL	WMRS			5
TMA	422078	5415043	0.09202	385.61	385.61	0 ANNUAL	WMRS			5
TMA	422078	5415093	0.09002	386.82	386.82	0 ANNUAL	WMRS			5
TMA	422078	5415143	0.08807	388	388	0 ANNUAL	WMRS			5
TMA	422078	5415193	0.08682	388.06	388.06	0 ANNUAL	WMRS			5
TMA	422128	5414493	0.10958	385.2	385.2	0 ANNUAL	WMRS			5
TMA	422128	5414543	0.10991	382.09	382.09	0 ANNUAL	WMRS			5
TMA	422128	5414593	0.10885	380.89	380.89	0 ANNUAL	WMRS			5
TMA	422128	5414643	0.10759	380	380	0 ANNUAL	WMRS			5
TMA	422128	5414693	0.10588	380	380	0 ANNUAL	WMRS			5
TMA	422128	5414743	0.10422	380	380	0 ANNUAL	WMRS			5
TMA	422128	5414793	0.1026	380	380	0 ANNUAL	WMRS			5
TMA	422128	5414843	0.10103	380	380	0 ANNUAL	WMRS			5
TMA	422128	5414893	0.09899	381.07	381.07	0 ANNUAL	WMRS			5
TMA	422128	5414943	0.09644	383.22	383.22	0 ANNUAL	WMRS			5
TMA	422128	5414993	0.09394	385.2	385.2	0 ANNUAL	WMRS			5
TMA	422128	5415043	0.09182	386.54	386.54	0 ANNUAL	WMRS			5
TMA	422128	5415093	0.08947	388.3	388.3	0 ANNUAL	WMRS			5
TMA	422128	5415143	0.0876	389.33	389.33	0 ANNUAL	WMRS			5
TMA	422128	5415193	0.08599	389.99	389.99	0 ANNUAL	WMRS			5
TMA	422178	5414493	0.1107	384.17	384.17	0 ANNUAL	WMRS			5
TMA	422178	5414543	0.10972	383	383	0 ANNUAL	WMRS			5
TMA	422178	5414593	0.10867	381.86	381.86	0 ANNUAL	WMRS			5
TMA	422178	5414643	0.10744	381	381	0 ANNUAL	WMRS			5
TMA	422178	5414693	0.10575	381	381	0 ANNUAL	WMRS			5
TMA	422178	5414743	0.10411	381	381	0 ANNUAL	WMRS			5
TMA	422178	5414793	0.1029	380.22	380.22	0 ANNUAL	WMRS			5
TMA	422178	5414843	0.10144	380	380	0 ANNUAL	WMRS			5
TMA	422178	5414893	0.09938	381.1	381.1	0 ANNUAL	WMRS			5
TMA	422178	5414943	0.09682	383.25	383.25	0 ANNUAL	WMRS			5
TMA	422178	5414993	0.09422	385.41	385.41	0 ANNUAL	WMRS			5
TMA	422178	5415043	0.09159	387.57	387.57	0 ANNUAL	WMRS			5
TMA	422178	5415093	0.08947	388.92	388.92	0 ANNUAL	WMRS			5
TMA	422178	5415143	0.08755	390	390	0 ANNUAL	WMRS			5
TMA	422178	5415193	0.08637	390	390	0 ANNUAL	WMRS			5
TMA	422228	5414493	0.11191	383.07	383.07	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	422228	5414543	0.11047	382.52	382.52	0 ANNUAL	WMRS			5
TMA	422228	5414593	0.10904	382	382	0 ANNUAL	WMRS			5
TMA	422228	5414643	0.10789	381	381	0 ANNUAL	WMRS			5
TMA	422228	5414693	0.10621	381	381	0 ANNUAL	WMRS			5
TMA	422228	5414743	0.10456	381	381	0 ANNUAL	WMRS			5
TMA	422228	5414793	0.10286	381.2	381.2	0 ANNUAL	WMRS			5
TMA	422228	5414843	0.1014	381	381	0 ANNUAL	WMRS			5
TMA	422228	5414893	0.09982	381.13	381.13	0 ANNUAL	WMRS			5
TMA	422228	5414943	0.09725	383.28	383.28	0 ANNUAL	WMRS			5
TMA	422228	5414993	0.09464	385.44	385.44	0 ANNUAL	WMRS			5
TMA	422228	5415043	0.092	387.6	387.6	0 ANNUAL	WMRS			5
TMA	422228	5415093	0.08984	389	389	0 ANNUAL	WMRS			5
TMA	422228	5415143	0.08797	390	390	0 ANNUAL	WMRS			5
TMA	422228	5415193	0.08679	390	390	0 ANNUAL	WMRS			5
TMA	422278	5414493	0.11311	382.02	382.02	0 ANNUAL	WMRS			5
TMA	422278	5414543	0.11131	382	382	0 ANNUAL	WMRS			5
TMA	422278	5414593	0.10954	382	382	0 ANNUAL	WMRS			5
TMA	422278	5414643	0.10782	382	382	0 ANNUAL	WMRS			5
TMA	422278	5414693	0.10615	382	382	0 ANNUAL	WMRS			5
TMA	422278	5414743	0.10452	382	382	0 ANNUAL	WMRS			5
TMA	422278	5414793	0.10293	382	382	0 ANNUAL	WMRS			5
TMA	422278	5414843	0.10139	382	382	0 ANNUAL	WMRS			5
TMA	422278	5414893	0.09961	382.52	382.52	0 ANNUAL	WMRS			5
TMA	422278	5414943	0.09717	384.31	384.31	0 ANNUAL	WMRS			5
TMA	422278	5414993	0.09479	386	386	0 ANNUAL	WMRS			5
TMA	422278	5415043	0.09246	387.63	387.63	0 ANNUAL	WMRS			5
TMA	422278	5415093	0.09045	388.79	388.79	0 ANNUAL	WMRS			5
TMA	422278	5415143	0.08847	389.95	389.95	0 ANNUAL	WMRS			5
TMA	422278	5415193	0.08725	390	390	0 ANNUAL	WMRS			5
TMA	422328	5414493	0.11433	381	381	0 ANNUAL	WMRS			5
TMA	422328	5414543	0.11249	381	381	0 ANNUAL	WMRS			5
TMA	422328	5414593	0.11057	381.23	381.23	0 ANNUAL	WMRS			5
TMA	422328	5414643	0.10839	382	382	0 ANNUAL	WMRS			5
TMA	422328	5414693	0.10671	382	382	0 ANNUAL	WMRS			5
TMA	422328	5414743	0.10508	382	382	0 ANNUAL	WMRS			5
TMA	422328	5414793	0.10292	383	383	0 ANNUAL	WMRS			5
TMA	422328	5414843	0.10138	383.02	383.02	0 ANNUAL	WMRS			5
TMA	422328	5414893	0.09925	384.13	384.13	0 ANNUAL	WMRS			5
TMA	422328	5414943	0.09717	385.23	385.23	0 ANNUAL	WMRS			5
TMA	422328	5414993	0.09501	386.5	386.5	0 ANNUAL	WMRS			5
TMA	422328	5415043	0.09296	387.66	387.66	0 ANNUAL	WMRS			5
TMA	422328	5415093	0.09093	388.82	388.82	0 ANNUAL	WMRS			5
TMA	422328	5415143	0.08958	389	389	0 ANNUAL	WMRS			5
TMA	422328	5415193	0.08774	390	390	0 ANNUAL	WMRS			5
TMA	422378	5415043	0.09349	387.69	387.69	0 ANNUAL	WMRS			5
TMA	422378	5415093	0.09189	388.18	388.18	0 ANNUAL	WMRS			5
TMA	422378	5415143	0.09011	389	389	0 ANNUAL	WMRS			5
TMA	422378	5415193	0.08864	389.42	389.42	0 ANNUAL	WMRS			5
TMA	422428	5415043	0.0945	387	387	0 ANNUAL	WMRS			5
TMA	422428	5415093	0.09264	387.88	387.88	0 ANNUAL	WMRS			5
TMA	422428	5415143	0.0913	388	388	0 ANNUAL	WMRS			5



Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	422428	5415193	0.08944	389	389	0 ANNUAL	WMRS			5
TMA	422478	5415043	0.09508	387	387	0 ANNUAL	WMRS			5
TMA	422478	5415093	0.09376	387	387	0 ANNUAL	WMRS			5
TMA	422478	5415143	0.09186	388	388	0 ANNUAL	WMRS			5
TMA	422478	5415193	0.09047	388.23	388.23	0 ANNUAL	WMRS			5
TMA	422528	5415043	0.09566	387	387	0 ANNUAL	WMRS			5
TMA	422528	5415093	0.09374	387.94	387.94	0 ANNUAL	WMRS			5
TMA	422528	5415143	0.09241	388	388	0 ANNUAL	WMRS			5
TMA	422528	5415193	0.09053	389	389	0 ANNUAL	WMRS			5
TMA	422578	5415043	0.09622	387	387	0 ANNUAL	WMRS			5
TMA	422578	5415093	0.09424	388	388	0 ANNUAL	WMRS			5
TMA	422578	5415143	0.09285	388.13	388.13	0 ANNUAL	WMRS			5
TMA	422578	5415193	0.09103	389	389	0 ANNUAL	WMRS			5
TMA	422628	5415043	0.0962	387.84	387.84	0 ANNUAL	WMRS			5
TMA	422628	5415093	0.09475	388	388	0 ANNUAL	WMRS			5
TMA	422628	5415143	0.09278	389	389	0 ANNUAL	WMRS			5
TMA	422628	5415193	0.09151	389	389	0 ANNUAL	WMRS			5
TMA	422678	5415043	0.09658	388	388	0 ANNUAL	WMRS			5
TMA	422678	5415093	0.09519	388.03	388.03	0 ANNUAL	WMRS			5
TMA	422678	5415143	0.09322	389	389	0 ANNUAL	WMRS			5
TMA	422678	5415193	0.0917	389.35	389.35	0 ANNUAL	WMRS			5
TMA	422728	5415043	0.09701	388	388	0 ANNUAL	WMRS			5
TMA	422728	5415093	0.09496	389	389	0 ANNUAL	WMRS			5
TMA	422728	5415143	0.09347	389.22	389.22	0 ANNUAL	WMRS			5
TMA	422728	5415193	0.09165	390	390	0 ANNUAL	WMRS			5
TMA	422778	5415043	0.09676	388.93	388.93	0 ANNUAL	WMRS			5
TMA	422778	5415093	0.09527	389.09	389.09	0 ANNUAL	WMRS			5
TMA	422778	5415143	0.09329	390	390	0 ANNUAL	WMRS			5
TMA	422778	5415193	0.09174	390.36	390.36	0 ANNUAL	WMRS			5
TMA	422828	5415043	0.09707	389	389	0 ANNUAL	WMRS			5
TMA	422828	5415093	0.09543	389.34	389.34	0 ANNUAL	WMRS			5
TMA	422828	5415143	0.09362	390	390	0 ANNUAL	WMRS			5
TMA	422828	5415193	0.0916	391	391	0 ANNUAL	WMRS			5
TMA	422878	5415043	0.0974	389	389	0 ANNUAL	WMRS			5
TMA	422878	5415093	0.09528	390	390	0 ANNUAL	WMRS			5
TMA	422878	5415143	0.09392	390	390	0 ANNUAL	WMRS			5
TMA	422878	5415193	0.09189	391	391	0 ANNUAL	WMRS			5
TMA	422928	5415043	0.097	390	390	0 ANNUAL	WMRS			5
TMA	422928	5415093	0.0956	390	390	0 ANNUAL	WMRS			5
TMA	422928	5415143	0.09362	390.84	390.84	0 ANNUAL	WMRS			5
TMA	422928	5415193	0.09182	391.5	391.5	0 ANNUAL	WMRS			5
TMA	422978	5415043	0.09733	390.01	390.01	0 ANNUAL	WMRS			5
TMA	422978	5415093	0.09519	391	391	0 ANNUAL	WMRS			5
TMA	422978	5415143	0.09355	391.37	391.37	0 ANNUAL	WMRS			5
TMA	422978	5415193	0.09176	392	392	0 ANNUAL	WMRS			5
TMA	423028	5415043	0.09765	390.08	390.08	0 ANNUAL	WMRS			5
TMA	423028	5415093	0.09554	391	391	0 ANNUAL	WMRS			5
TMA	423028	5415143	0.09342	392	392	0 ANNUAL	WMRS			5
TMA	423028	5415193	0.09199	392.14	392.14	0 ANNUAL	WMRS			5
TMA	423078	5415043	0.09733	391	391	0 ANNUAL	WMRS			5
TMA	423078	5415093	0.09579	391.17	391.17	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	423078	5415143	0.09379	392	392	0 ANNUAL	WMRS			5
TMA	423078	5415193	0.09186	392.8	392.8	0 ANNUAL	WMRS			5
TMA	423128	5415043	0.09776	391	391	0 ANNUAL	WMRS			5
TMA	423128	5415093	0.09611	391.3	391.3	0 ANNUAL	WMRS			5
TMA	423128	5415143	0.0942	392	392	0 ANNUAL	WMRS			5
TMA	423128	5415193	0.09211	393	393	0 ANNUAL	WMRS			5
TMA	420828	5414293	0.09608	376	376	0 ANNUAL	WMRS			5
TMA	420828	5414343	0.09486	376	376	0 ANNUAL	WMRS			5
TMA	420828	5414393	0.09387	375.31	375.31	0 ANNUAL	WMRS			5
TMA	420828	5414443	0.09278	375	375	0 ANNUAL	WMRS			5
TMA	420828	5414493	0.09163	375	375	0 ANNUAL	WMRS			5
TMA	420828	5414543	0.0905	375	375	0 ANNUAL	WMRS			5
TMA	420828	5414593	0.08885	376.79	376.79	0 ANNUAL	WMRS			5
TMA	420828	5414643	0.0868	379.61	379.61	0 ANNUAL	WMRS			5
TMA	420828	5414693	0.08526	381	381	0 ANNUAL	WMRS			5
TMA	420828	5414743	0.08396	381.87	381.87	0 ANNUAL	WMRS			5
TMA	420828	5414793	0.08301	382	382	0 ANNUAL	WMRS			5
TMA	420828	5414843	0.08175	383	383	0 ANNUAL	WMRS			5
TMA	420828	5414893	0.08051	384	384	0 ANNUAL	WMRS			5
TMA	420828	5414943	0.07965	384.23	384.23	0 ANNUAL	WMRS			5
TMA	420828	5414993	0.0786	385	385	0 ANNUAL	WMRS			5
TMA	420828	5415043	0.07791	385	385	0 ANNUAL	WMRS			5
TMA	420828	5415093	0.07684	385.97	385.97	0 ANNUAL	WMRS			5
TMA	420828	5415143	0.0762	386	386	0 ANNUAL	WMRS			5
TMA	420828	5415193	0.0756	386	386	0 ANNUAL	WMRS			5
TMA	420778	5414143	0.09808	378	378	0 ANNUAL	WMRS			5
TMA	420778	5414193	0.09724	377	377	0 ANNUAL	WMRS			5
TMA	420778	5414243	0.09605	377	377	0 ANNUAL	WMRS			5
TMA	420778	5414293	0.09511	376.2	376.2	0 ANNUAL	WMRS			5
TMA	420778	5414343	0.09397	376	376	0 ANNUAL	WMRS			5
TMA	420778	5414393	0.09279	376	376	0 ANNUAL	WMRS			5
TMA	420778	5414443	0.09192	375	375	0 ANNUAL	WMRS			5
TMA	420778	5414493	0.09077	375	375	0 ANNUAL	WMRS			5
TMA	420778	5414543	0.08961	375.13	375.13	0 ANNUAL	WMRS			5
TMA	420778	5414593	0.08774	377.58	377.58	0 ANNUAL	WMRS			5
TMA	420778	5414643	0.08564	380.45	380.45	0 ANNUAL	WMRS			5
TMA	420778	5414693	0.08401	382	382	0 ANNUAL	WMRS			5
TMA	420778	5414743	0.08284	382.48	382.48	0 ANNUAL	WMRS			5
TMA	420778	5414793	0.0817	383	383	0 ANNUAL	WMRS			5
TMA	420778	5414843	0.08051	383.74	383.74	0 ANNUAL	WMRS			5
TMA	420778	5414893	0.07957	384	384	0 ANNUAL	WMRS			5
TMA	420778	5414943	0.07834	385	385	0 ANNUAL	WMRS			5
TMA	420778	5414993	0.07759	385	385	0 ANNUAL	WMRS			5
TMA	420778	5415043	0.07688	385	385	0 ANNUAL	WMRS			5
TMA	420778	5415093	0.07618	385.05	385.05	0 ANNUAL	WMRS			5
TMA	420778	5415143	0.07555	385.01	385.01	0 ANNUAL	WMRS			5
TMA	420778	5415193	0.07493	385	385	0 ANNUAL	WMRS			5
TMA	420728	5413493	0.10935	376	376	0 ANNUAL	WMRS			5
TMA	420728	5413543	0.10822	377	377	0 ANNUAL	WMRS			5
TMA	420728	5413593	0.10705	378	378	0 ANNUAL	WMRS			5
TMA	420728	5413643	0.1059	378.9	378.9	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	420728	5413693	0.10492	379.37	379.37	0 ANNUAL	WMRS			5
TMA	420728	5413743	0.10384	380	380	0 ANNUAL	WMRS			5
TMA	420728	5413793	0.10302	380	380	0 ANNUAL	WMRS			5
TMA	420728	5413843	0.10216	380	380	0 ANNUAL	WMRS			5
TMA	420728	5413893	0.10127	380	380	0 ANNUAL	WMRS			5
TMA	420728	5413943	0.10033	380	380	0 ANNUAL	WMRS			5
TMA	420728	5413993	0.09936	380	380	0 ANNUAL	WMRS			5
TMA	420728	5414043	0.09856	379.48	379.48	0 ANNUAL	WMRS			5
TMA	420728	5414093	0.09796	378.32	378.32	0 ANNUAL	WMRS			5
TMA	420728	5414143	0.09699	378	378	0 ANNUAL	WMRS			5
TMA	420728	5414193	0.09609	377.38	377.38	0 ANNUAL	WMRS			5
TMA	420728	5414243	0.09494	377.43	377.43	0 ANNUAL	WMRS			5
TMA	420728	5414293	0.09378	377.47	377.47	0 ANNUAL	WMRS			5
TMA	420728	5414343	0.09279	377	377	0 ANNUAL	WMRS			5
TMA	420728	5414393	0.09194	376	376	0 ANNUAL	WMRS			5
TMA	420728	5414443	0.09108	375	375	0 ANNUAL	WMRS			5
TMA	420728	5414493	0.08995	375	375	0 ANNUAL	WMRS			5
TMA	420728	5414543	0.08898	374.47	374.47	0 ANNUAL	WMRS			5
TMA	420728	5414593	0.08699	377.52	377.52	0 ANNUAL	WMRS			5
TMA	420728	5414643	0.08491	380.42	380.42	0 ANNUAL	WMRS			5
TMA	420728	5414693	0.08326	382	382	0 ANNUAL	WMRS			5
TMA	420728	5414743	0.08186	383	383	0 ANNUAL	WMRS			5
TMA	420728	5414793	0.08053	383.9	383.9	0 ANNUAL	WMRS			5
TMA	420728	5414843	0.07959	384	384	0 ANNUAL	WMRS			5
TMA	420728	5414893	0.07872	384	384	0 ANNUAL	WMRS			5
TMA	420728	5414943	0.07789	384	384	0 ANNUAL	WMRS			5
TMA	420728	5414993	0.0771	384	384	0 ANNUAL	WMRS			5
TMA	420728	5415043	0.07642	383.83	383.83	0 ANNUAL	WMRS			5
TMA	420728	5415093	0.07572	383.78	383.78	0 ANNUAL	WMRS			5
TMA	420728	5415143	0.07506	383.73	383.73	0 ANNUAL	WMRS			5
TMA	420728	5415193	0.07442	383.69	383.69	0 ANNUAL	WMRS			5
TMA	420678	5413493	0.1067	376.74	376.74	0 ANNUAL	WMRS			5
TMA	420678	5413543	0.10555	377.91	377.91	0 ANNUAL	WMRS			5
TMA	420678	5413593	0.1044	379	379	0 ANNUAL	WMRS			5
TMA	420678	5413643	0.10326	380	380	0 ANNUAL	WMRS			5
TMA	420678	5413693	0.1026	380	380	0 ANNUAL	WMRS			5
TMA	420678	5413743	0.10184	380.13	380.13	0 ANNUAL	WMRS			5
TMA	420678	5413793	0.10081	380.78	380.78	0 ANNUAL	WMRS			5
TMA	420678	5413843	0.09995	381	381	0 ANNUAL	WMRS			5
TMA	420678	5413893	0.09963	380	380	0 ANNUAL	WMRS			5
TMA	420678	5413943	0.0988	380	380	0 ANNUAL	WMRS			5
TMA	420678	5413993	0.09799	379.85	379.85	0 ANNUAL	WMRS			5
TMA	420678	5414043	0.09741	379	379	0 ANNUAL	WMRS			5
TMA	420678	5414093	0.09682	378	378	0 ANNUAL	WMRS			5
TMA	420678	5414143	0.09582	378	378	0 ANNUAL	WMRS			5
TMA	420678	5414193	0.09457	378.65	378.65	0 ANNUAL	WMRS			5
TMA	420678	5414243	0.09314	379.7	379.7	0 ANNUAL	WMRS			5
TMA	420678	5414293	0.09233	379	379	0 ANNUAL	WMRS			5
TMA	420678	5414343	0.09143	378.45	378.45	0 ANNUAL	WMRS			5
TMA	420678	5414393	0.09097	376.4	376.4	0 ANNUAL	WMRS			5
TMA	420678	5414443	0.09019	375.24	375.24	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	420678	5414493	0.08938	374.09	374.09	0 ANNUAL	WMRS			5
TMA	420678	5414543	0.08805	375.05	375.05	0 ANNUAL	WMRS			5
TMA	420678	5414593	0.08596	378.46	378.46	0 ANNUAL	WMRS			5
TMA	420678	5414643	0.08386	381.39	381.39	0 ANNUAL	WMRS			5
TMA	420678	5414693	0.08237	382.55	382.55	0 ANNUAL	WMRS			5
TMA	420678	5414743	0.08118	383	383	0 ANNUAL	WMRS			5
TMA	420678	5414793	0.07994	383.68	383.68	0 ANNUAL	WMRS			5
TMA	420678	5414843	0.07899	383.72	383.72	0 ANNUAL	WMRS			5
TMA	420678	5414893	0.07838	383	383	0 ANNUAL	WMRS			5
TMA	420678	5414943	0.07751	383	383	0 ANNUAL	WMRS			5
TMA	420678	5414993	0.07684	382.6	382.6	0 ANNUAL	WMRS			5
TMA	420678	5415043	0.07619	382.19	382.19	0 ANNUAL	WMRS			5
TMA	420678	5415093	0.0755	382	382	0 ANNUAL	WMRS			5
TMA	420678	5415143	0.07477	382	382	0 ANNUAL	WMRS			5
TMA	420678	5415193	0.07408	382	382	0 ANNUAL	WMRS			5
TMA	420628	5413493	0.10421	377.2	377.2	0 ANNUAL	WMRS			5
TMA	420628	5413543	0.10315	378.28	378.28	0 ANNUAL	WMRS			5
TMA	420628	5413593	0.10204	379.39	379.39	0 ANNUAL	WMRS			5
TMA	420628	5413643	0.10116	380	380	0 ANNUAL	WMRS			5
TMA	420628	5413693	0.10056	380	380	0 ANNUAL	WMRS			5
TMA	420628	5413743	0.09946	381	381	0 ANNUAL	WMRS			5
TMA	420628	5413793	0.09882	381	381	0 ANNUAL	WMRS			5
TMA	420628	5413843	0.09854	380.18	380.18	0 ANNUAL	WMRS			5
TMA	420628	5413893	0.09792	380	380	0 ANNUAL	WMRS			5
TMA	420628	5413943	0.09718	380	380	0 ANNUAL	WMRS			5
TMA	420628	5413993	0.0968	379	379	0 ANNUAL	WMRS			5
TMA	420628	5414043	0.09615	378.54	378.54	0 ANNUAL	WMRS			5
TMA	420628	5414093	0.0953	378.51	378.51	0 ANNUAL	WMRS			5
TMA	420628	5414143	0.09423	379	379	0 ANNUAL	WMRS			5
TMA	420628	5414193	0.09294	379.99	379.99	0 ANNUAL	WMRS			5
TMA	420628	5414243	0.09198	380	380	0 ANNUAL	WMRS			5
TMA	420628	5414293	0.091	380	380	0 ANNUAL	WMRS			5
TMA	420628	5414343	0.09046	378.62	378.62	0 ANNUAL	WMRS			5
TMA	420628	5414393	0.0898	377.43	377.43	0 ANNUAL	WMRS			5
TMA	420628	5414443	0.08934	375.28	375.28	0 ANNUAL	WMRS			5
TMA	420628	5414493	0.08858	374	374	0 ANNUAL	WMRS			5
TMA	420628	5414543	0.08702	376.04	376.04	0 ANNUAL	WMRS			5
TMA	420628	5414593	0.08503	379.2	379.2	0 ANNUAL	WMRS			5
TMA	420628	5414643	0.08323	381.36	381.36	0 ANNUAL	WMRS			5
TMA	420628	5414693	0.08184	382.31	382.31	0 ANNUAL	WMRS			5
TMA	420628	5414743	0.08057	383	383	0 ANNUAL	WMRS			5
TMA	420628	5414793	0.07959	383	383	0 ANNUAL	WMRS			5
TMA	420628	5414843	0.07864	383	383	0 ANNUAL	WMRS			5
TMA	420628	5414893	0.07796	382.36	382.36	0 ANNUAL	WMRS			5
TMA	420628	5414943	0.07719	382	382	0 ANNUAL	WMRS			5
TMA	420628	5414993	0.07644	381.68	381.68	0 ANNUAL	WMRS			5
TMA	420628	5415043	0.07581	381.1	381.1	0 ANNUAL	WMRS			5
TMA	420628	5415093	0.07505	381	381	0 ANNUAL	WMRS			5
TMA	420628	5415143	0.07429	381	381	0 ANNUAL	WMRS			5
TMA	420628	5415193	0.07356	381	381	0 ANNUAL	WMRS			5
TMA	420578	5413493	0.10176	377.68	377.68	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	420578	5413543	0.10066	378.93	378.93	0 ANNUAL	WMRS		5	
TMA	420578	5413593	0.09962	380	380	0 ANNUAL	WMRS		5	
TMA	420578	5413643	0.09907	380	380	0 ANNUAL	WMRS		5	
TMA	420578	5413693	0.09852	380	380	0 ANNUAL	WMRS		5	
TMA	420578	5413743	0.09749	381	381	0 ANNUAL	WMRS		5	
TMA	420578	5413793	0.09692	381	381	0 ANNUAL	WMRS		5	
TMA	420578	5413843	0.09668	380.21	380.21	0 ANNUAL	WMRS		5	
TMA	420578	5413893	0.09615	380	380	0 ANNUAL	WMRS		5	
TMA	420578	5413943	0.09554	379.89	379.89	0 ANNUAL	WMRS		5	
TMA	420578	5413993	0.0952	379	379	0 ANNUAL	WMRS		5	
TMA	420578	5414043	0.09447	379	379	0 ANNUAL	WMRS		5	
TMA	420578	5414093	0.09371	379	379	0 ANNUAL	WMRS		5	
TMA	420578	5414143	0.09255	380	380	0 ANNUAL	WMRS		5	
TMA	420578	5414193	0.09172	380	380	0 ANNUAL	WMRS		5	
TMA	420578	5414243	0.09048	381	381	0 ANNUAL	WMRS		5	
TMA	420578	5414293	0.08996	380	380	0 ANNUAL	WMRS		5	
TMA	420578	5414343	0.08937	379	379	0 ANNUAL	WMRS		5	
TMA	420578	5414393	0.08887	377.46	377.46	0 ANNUAL	WMRS		5	
TMA	420578	5414443	0.08845	375.31	375.31	0 ANNUAL	WMRS		5	
TMA	420578	5414493	0.08774	374	374	0 ANNUAL	WMRS		5	
TMA	420578	5414543	0.08626	376.02	376.02	0 ANNUAL	WMRS		5	
TMA	420578	5414593	0.08435	379.17	379.17	0 ANNUAL	WMRS		5	
TMA	420578	5414643	0.08273	381	381	0 ANNUAL	WMRS		5	
TMA	420578	5414693	0.08137	382	382	0 ANNUAL	WMRS		5	
TMA	420578	5414743	0.0803	382.19	382.19	0 ANNUAL	WMRS		5	
TMA	420578	5414793	0.0793	382.24	382.24	0 ANNUAL	WMRS		5	
TMA	420578	5414843	0.07842	382.01	382.01	0 ANNUAL	WMRS		5	
TMA	420578	5414893	0.07749	382	382	0 ANNUAL	WMRS		5	
TMA	420578	5414943	0.07689	381.07	381.07	0 ANNUAL	WMRS		5	
TMA	420578	5414993	0.07603	381	381	0 ANNUAL	WMRS		5	
TMA	420578	5415043	0.07517	381	381	0 ANNUAL	WMRS		5	
TMA	420578	5415093	0.07459	380.24	380.24	0 ANNUAL	WMRS		5	
TMA	420578	5415143	0.07387	380	380	0 ANNUAL	WMRS		5	
TMA	420578	5415193	0.07311	380	380	0 ANNUAL	WMRS		5	
TMA	420528	5413493	0.09945	378	378	0 ANNUAL	WMRS		5	
TMA	420528	5413543	0.09818	379.7	379.7	0 ANNUAL	WMRS		5	
TMA	420528	5413593	0.09753	380	380	0 ANNUAL	WMRS		5	
TMA	420528	5413643	0.09702	380	380	0 ANNUAL	WMRS		5	
TMA	420528	5413693	0.09638	380.28	380.28	0 ANNUAL	WMRS		5	
TMA	420528	5413743	0.09553	381	381	0 ANNUAL	WMRS		5	
TMA	420528	5413793	0.09501	381	381	0 ANNUAL	WMRS		5	
TMA	420528	5413843	0.09492	380	380	0 ANNUAL	WMRS		5	
TMA	420528	5413893	0.09435	380	380	0 ANNUAL	WMRS		5	
TMA	420528	5413943	0.0938	379.92	379.92	0 ANNUAL	WMRS		5	
TMA	420528	5413993	0.09355	379	379	0 ANNUAL	WMRS		5	
TMA	420528	5414043	0.0929	379	379	0 ANNUAL	WMRS		5	
TMA	420528	5414093	0.09222	379	379	0 ANNUAL	WMRS		5	
TMA	420528	5414143	0.09115	380	380	0 ANNUAL	WMRS		5	
TMA	420528	5414193	0.09041	380	380	0 ANNUAL	WMRS		5	
TMA	420528	5414243	0.08964	380.01	380.01	0 ANNUAL	WMRS		5	
TMA	420528	5414293	0.08883	380	380	0 ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	420528	5414343	0.08838	378.79	378.79	0 ANNUAL	WMRS			5
TMA	420528	5414393	0.08806	376.84	376.84	0 ANNUAL	WMRS			5
TMA	420528	5414443	0.08757	375.1	375.1	0 ANNUAL	WMRS			5
TMA	420528	5414493	0.08686	374	374	0 ANNUAL	WMRS			5
TMA	420528	5414543	0.08547	375.98	375.98	0 ANNUAL	WMRS			5
TMA	420528	5414593	0.08365	379.14	379.14	0 ANNUAL	WMRS			5
TMA	420528	5414643	0.08229	380.37	380.37	0 ANNUAL	WMRS			5
TMA	420528	5414693	0.08095	381.49	381.49	0 ANNUAL	WMRS			5
TMA	420528	5414743	0.0798	382	382	0 ANNUAL	WMRS			5
TMA	420528	5414793	0.07883	382	382	0 ANNUAL	WMRS			5
TMA	420528	5414843	0.07788	382	382	0 ANNUAL	WMRS			5
TMA	420528	5414893	0.07701	381.8	381.8	0 ANNUAL	WMRS			5
TMA	420528	5414943	0.07635	381	381	0 ANNUAL	WMRS			5
TMA	420528	5414993	0.07545	381	381	0 ANNUAL	WMRS			5
TMA	420528	5415043	0.07489	380	380	0 ANNUAL	WMRS			5
TMA	420528	5415093	0.07404	380	380	0 ANNUAL	WMRS			5
TMA	420528	5415143	0.07322	380	380	0 ANNUAL	WMRS			5
TMA	420528	5415193	0.07243	380	380	0 ANNUAL	WMRS			5
TMA	420478	5413493	0.09708	378.62	378.62	0 ANNUAL	WMRS			5
TMA	420478	5413543	0.09613	379.67	379.67	0 ANNUAL	WMRS			5
TMA	420478	5413593	0.0955	380	380	0 ANNUAL	WMRS			5
TMA	420478	5413643	0.09502	380	380	0 ANNUAL	WMRS			5
TMA	420478	5413693	0.09453	380	380	0 ANNUAL	WMRS			5
TMA	420478	5413743	0.09405	380	380	0 ANNUAL	WMRS			5
TMA	420478	5413793	0.09355	380	380	0 ANNUAL	WMRS			5
TMA	420478	5413843	0.09305	380	380	0 ANNUAL	WMRS			5
TMA	420478	5413893	0.09254	380	380	0 ANNUAL	WMRS			5
TMA	420478	5413943	0.09223	379.47	379.47	0 ANNUAL	WMRS			5
TMA	420478	5413993	0.09186	379	379	0 ANNUAL	WMRS			5
TMA	420478	5414043	0.09128	379	379	0 ANNUAL	WMRS			5
TMA	420478	5414093	0.09038	379.83	379.83	0 ANNUAL	WMRS			5
TMA	420478	5414143	0.08969	380	380	0 ANNUAL	WMRS			5
TMA	420478	5414193	0.08904	380	380	0 ANNUAL	WMRS			5
TMA	420478	5414243	0.08835	380	380	0 ANNUAL	WMRS			5
TMA	420478	5414293	0.08763	380	380	0 ANNUAL	WMRS			5
TMA	420478	5414343	0.08729	378.68	378.68	0 ANNUAL	WMRS			5
TMA	420478	5414393	0.08708	376.53	376.53	0 ANNUAL	WMRS			5
TMA	420478	5414443	0.08672	374.37	374.37	0 ANNUAL	WMRS			5
TMA	420478	5414493	0.08592	374	374	0 ANNUAL	WMRS			5
TMA	420478	5414543	0.08462	375.95	375.95	0 ANNUAL	WMRS			5
TMA	420478	5414593	0.08318	378.11	378.11	0 ANNUAL	WMRS			5
TMA	420478	5414643	0.08164	380.27	380.27	0 ANNUAL	WMRS			5
TMA	420478	5414693	0.08048	381	381	0 ANNUAL	WMRS			5
TMA	420478	5414743	0.07925	381.89	381.89	0 ANNUAL	WMRS			5
TMA	420478	5414793	0.07828	382	382	0 ANNUAL	WMRS			5
TMA	420478	5414843	0.07745	381.68	381.68	0 ANNUAL	WMRS			5
TMA	420478	5414893	0.07674	381	381	0 ANNUAL	WMRS			5
TMA	420478	5414943	0.07583	381	381	0 ANNUAL	WMRS			5
TMA	420478	5414993	0.07504	380.62	380.62	0 ANNUAL	WMRS			5
TMA	420478	5415043	0.07434	380	380	0 ANNUAL	WMRS			5
TMA	420478	5415093	0.07348	380	380	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	420478	5415143	0.07264	380	380	0 ANNUAL	WMRS			5
TMA	420478	5415193	0.07184	379.99	379.99	0 ANNUAL	WMRS			5
TMA	420428	5413493	0.09507	378.59	378.59	0 ANNUAL	WMRS			5
TMA	420428	5413543	0.0943	379.31	379.31	0 ANNUAL	WMRS			5
TMA	420428	5413593	0.09353	380	380	0 ANNUAL	WMRS			5
TMA	420428	5413643	0.09307	380	380	0 ANNUAL	WMRS			5
TMA	420428	5413693	0.09261	380	380	0 ANNUAL	WMRS			5
TMA	420428	5413743	0.09214	380	380	0 ANNUAL	WMRS			5
TMA	420428	5413793	0.09168	380	380	0 ANNUAL	WMRS			5
TMA	420428	5413843	0.09121	380	380	0 ANNUAL	WMRS			5
TMA	420428	5413893	0.09074	380	380	0 ANNUAL	WMRS			5
TMA	420428	5413943	0.09064	379	379	0 ANNUAL	WMRS			5
TMA	420428	5413993	0.09014	379	379	0 ANNUAL	WMRS			5
TMA	420428	5414043	0.08929	379.92	379.92	0 ANNUAL	WMRS			5
TMA	420428	5414093	0.08873	380	380	0 ANNUAL	WMRS			5
TMA	420428	5414143	0.08818	380	380	0 ANNUAL	WMRS			5
TMA	420428	5414193	0.08731	380.81	380.81	0 ANNUAL	WMRS			5
TMA	420428	5414243	0.08698	380.03	380.03	0 ANNUAL	WMRS			5
TMA	420428	5414293	0.0864	379.87	379.87	0 ANNUAL	WMRS			5
TMA	420428	5414343	0.08637	377.72	377.72	0 ANNUAL	WMRS			5
TMA	420428	5414393	0.08622	375.35	375.35	0 ANNUAL	WMRS			5
TMA	420428	5414443	0.08572	374	374	0 ANNUAL	WMRS			5
TMA	420428	5414493	0.08492	374	374	0 ANNUAL	WMRS			5
TMA	420428	5414543	0.08372	375.92	375.92	0 ANNUAL	WMRS			5
TMA	420428	5414593	0.08236	378.08	378.08	0 ANNUAL	WMRS			5
TMA	420428	5414643	0.08091	380.24	380.24	0 ANNUAL	WMRS			5
TMA	420428	5414693	0.07981	381	381	0 ANNUAL	WMRS			5
TMA	420428	5414743	0.07892	381	381	0 ANNUAL	WMRS			5
TMA	420428	5414793	0.07803	381	381	0 ANNUAL	WMRS			5
TMA	420428	5414843	0.07713	381	381	0 ANNUAL	WMRS			5
TMA	420428	5414893	0.07622	381	381	0 ANNUAL	WMRS			5
TMA	420428	5414943	0.07532	381	381	0 ANNUAL	WMRS			5
TMA	420428	5414993	0.07472	380	380	0 ANNUAL	WMRS			5
TMA	420428	5415043	0.07384	380	380	0 ANNUAL	WMRS			5
TMA	420428	5415093	0.07297	380	380	0 ANNUAL	WMRS			5
TMA	420428	5415143	0.07212	380	380	0 ANNUAL	WMRS			5
TMA	420428	5415193	0.07156	379.02	379.02	0 ANNUAL	WMRS			5
TMA	420378	5413493	0.093	378.84	378.84	0 ANNUAL	WMRS			5
TMA	420378	5413543	0.09219	379.72	379.72	0 ANNUAL	WMRS			5
TMA	420378	5413593	0.09163	380	380	0 ANNUAL	WMRS			5
TMA	420378	5413643	0.09118	380	380	0 ANNUAL	WMRS			5
TMA	420378	5413693	0.09074	380	380	0 ANNUAL	WMRS			5
TMA	420378	5413743	0.09029	380	380	0 ANNUAL	WMRS			5
TMA	420378	5413793	0.08985	380	380	0 ANNUAL	WMRS			5
TMA	420378	5413843	0.08941	380	380	0 ANNUAL	WMRS			5
TMA	420378	5413893	0.08896	380	380	0 ANNUAL	WMRS			5
TMA	420378	5413943	0.08852	380	380	0 ANNUAL	WMRS			5
TMA	420378	5413993	0.08806	380	380	0 ANNUAL	WMRS			5
TMA	420378	5414043	0.0876	380	380	0 ANNUAL	WMRS			5
TMA	420378	5414093	0.08712	380	380	0 ANNUAL	WMRS			5
TMA	420378	5414143	0.08663	380	380	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	420378	5414193	0.08611	380	380	0 ANNUAL	WMRS			5
TMA	420378	5414243	0.08557	380	380	0 ANNUAL	WMRS			5
TMA	420378	5414293	0.08535	378.91	378.91	0 ANNUAL	WMRS			5
TMA	420378	5414343	0.08534	376.75	376.75	0 ANNUAL	WMRS			5
TMA	420378	5414393	0.08517	374.59	374.59	0 ANNUAL	WMRS			5
TMA	420378	5414443	0.08472	373.27	373.27	0 ANNUAL	WMRS			5
TMA	420378	5414493	0.08386	374	374	0 ANNUAL	WMRS			5
TMA	420378	5414543	0.08275	375.89	375.89	0 ANNUAL	WMRS			5
TMA	420378	5414593	0.08148	378.05	378.05	0 ANNUAL	WMRS			5
TMA	420378	5414643	0.08018	380	380	0 ANNUAL	WMRS			5
TMA	420378	5414693	0.07908	381	381	0 ANNUAL	WMRS			5
TMA	420378	5414743	0.07825	381	381	0 ANNUAL	WMRS			5
TMA	420378	5414793	0.07741	381	381	0 ANNUAL	WMRS			5
TMA	420378	5414843	0.07655	381	381	0 ANNUAL	WMRS			5
TMA	420378	5414893	0.07569	381	381	0 ANNUAL	WMRS			5
TMA	420378	5414943	0.07509	380.01	380.01	0 ANNUAL	WMRS			5
TMA	420378	5414993	0.07422	380	380	0 ANNUAL	WMRS			5
TMA	420378	5415043	0.07335	380	380	0 ANNUAL	WMRS			5
TMA	420378	5415093	0.0725	380	380	0 ANNUAL	WMRS			5
TMA	420378	5415143	0.07187	379.17	379.17	0 ANNUAL	WMRS			5
TMA	420378	5415193	0.07108	379	379	0 ANNUAL	WMRS			5
TMA	420328	5413493	0.09103	379	379	0 ANNUAL	WMRS			5
TMA	420328	5413543	0.0902	380	380	0 ANNUAL	WMRS			5
TMA	420328	5413593	0.08978	380	380	0 ANNUAL	WMRS			5
TMA	420328	5413643	0.08935	380	380	0 ANNUAL	WMRS			5
TMA	420328	5413693	0.08892	380	380	0 ANNUAL	WMRS			5
TMA	420328	5413743	0.0885	380	380	0 ANNUAL	WMRS			5
TMA	420328	5413793	0.08807	380	380	0 ANNUAL	WMRS			5
TMA	420328	5413843	0.08764	380	380	0 ANNUAL	WMRS			5
TMA	420328	5413893	0.08722	380	380	0 ANNUAL	WMRS			5
TMA	420328	5413943	0.0868	380	380	0 ANNUAL	WMRS			5
TMA	420328	5413993	0.08637	380	380	0 ANNUAL	WMRS			5
TMA	420328	5414043	0.08594	380	380	0 ANNUAL	WMRS			5
TMA	420328	5414093	0.0855	380	380	0 ANNUAL	WMRS			5
TMA	420328	5414143	0.08506	380	380	0 ANNUAL	WMRS			5
TMA	420328	5414193	0.0846	380	380	0 ANNUAL	WMRS			5
TMA	420328	5414243	0.08443	379.04	379.04	0 ANNUAL	WMRS			5
TMA	420328	5414293	0.08424	377.94	377.94	0 ANNUAL	WMRS			5
TMA	420328	5414343	0.08424	375.78	375.78	0 ANNUAL	WMRS			5
TMA	420328	5414393	0.0839	374.62	374.62	0 ANNUAL	WMRS			5
TMA	420328	5414443	0.08357	373	373	0 ANNUAL	WMRS			5
TMA	420328	5414493	0.08278	373.75	373.75	0 ANNUAL	WMRS			5
TMA	420328	5414543	0.08188	374.97	374.97	0 ANNUAL	WMRS			5
TMA	420328	5414593	0.08075	377.08	377.08	0 ANNUAL	WMRS			5
TMA	420328	5414643	0.07957	379	379	0 ANNUAL	WMRS			5
TMA	420328	5414693	0.07857	379.98	379.98	0 ANNUAL	WMRS			5
TMA	420328	5414743	0.0778	380	380	0 ANNUAL	WMRS			5
TMA	420328	5414793	0.07702	380	380	0 ANNUAL	WMRS			5
TMA	420328	5414843	0.07621	380	380	0 ANNUAL	WMRS			5
TMA	420328	5414893	0.07539	380	380	0 ANNUAL	WMRS			5
TMA	420328	5414943	0.07456	380	380	0 ANNUAL	WMRS			5



Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	420328	5414993	0.07372	380	380	0 ANNUAL	WMRS			5
TMA	420328	5415043	0.07297	379.64	379.64	0 ANNUAL	WMRS			5
TMA	420328	5415093	0.07228	379	379	0 ANNUAL	WMRS			5
TMA	420328	5415143	0.07145	379	379	0 ANNUAL	WMRS			5
TMA	420328	5415193	0.07073	378.54	378.54	0 ANNUAL	WMRS			5
TMA	420278	5413493	0.08919	379	379	0 ANNUAL	WMRS			5
TMA	420278	5413543	0.08843	379.92	379.92	0 ANNUAL	WMRS			5
TMA	420278	5413593	0.08799	380	380	0 ANNUAL	WMRS			5
TMA	420278	5413643	0.08758	380	380	0 ANNUAL	WMRS			5
TMA	420278	5413693	0.08717	380	380	0 ANNUAL	WMRS			5
TMA	420278	5413743	0.08675	380	380	0 ANNUAL	WMRS			5
TMA	420278	5413793	0.08634	380	380	0 ANNUAL	WMRS			5
TMA	420278	5413843	0.08593	380	380	0 ANNUAL	WMRS			5
TMA	420278	5413893	0.08552	380	380	0 ANNUAL	WMRS			5
TMA	420278	5413943	0.08512	380	380	0 ANNUAL	WMRS			5
TMA	420278	5413993	0.08471	380	380	0 ANNUAL	WMRS			5
TMA	420278	5414043	0.08431	380	380	0 ANNUAL	WMRS			5
TMA	420278	5414093	0.0839	380	380	0 ANNUAL	WMRS			5
TMA	420278	5414143	0.08349	380	380	0 ANNUAL	WMRS			5
TMA	420278	5414193	0.08338	379.05	379.05	0 ANNUAL	WMRS			5
TMA	420278	5414243	0.08322	378.13	378.13	0 ANNUAL	WMRS			5
TMA	420278	5414293	0.08307	377	377	0 ANNUAL	WMRS			5
TMA	420278	5414343	0.08286	375.81	375.81	0 ANNUAL	WMRS			5
TMA	420278	5414393	0.08258	374.65	374.65	0 ANNUAL	WMRS			5
TMA	420278	5414443	0.08224	373.49	373.49	0 ANNUAL	WMRS			5
TMA	420278	5414493	0.08173	373	373	0 ANNUAL	WMRS			5
TMA	420278	5414543	0.08095	373.97	373.97	0 ANNUAL	WMRS			5
TMA	420278	5414593	0.07999	375.78	375.78	0 ANNUAL	WMRS			5
TMA	420278	5414643	0.07906	377.11	377.11	0 ANNUAL	WMRS			5
TMA	420278	5414693	0.07814	378.21	378.21	0 ANNUAL	WMRS			5
TMA	420278	5414743	0.07729	378.81	378.81	0 ANNUAL	WMRS			5
TMA	420278	5414793	0.07652	379	379	0 ANNUAL	WMRS			5
TMA	420278	5414843	0.07578	379	379	0 ANNUAL	WMRS			5
TMA	420278	5414893	0.07501	379	379	0 ANNUAL	WMRS			5
TMA	420278	5414943	0.07422	379	379	0 ANNUAL	WMRS			5
TMA	420278	5414993	0.07343	379	379	0 ANNUAL	WMRS			5
TMA	420278	5415043	0.07276	378.37	378.37	0 ANNUAL	WMRS			5
TMA	420278	5415093	0.07203	378	378	0 ANNUAL	WMRS			5
TMA	420278	5415143	0.07122	378	378	0 ANNUAL	WMRS			5
TMA	420278	5415193	0.07041	378	378	0 ANNUAL	WMRS			5
TMA	420228	5413493	0.08761	378.46	378.46	0 ANNUAL	WMRS			5
TMA	420228	5413543	0.08702	379	379	0 ANNUAL	WMRS			5
TMA	420228	5413593	0.08662	379	379	0 ANNUAL	WMRS			5
TMA	420228	5413643	0.08586	380	380	0 ANNUAL	WMRS			5
TMA	420228	5413693	0.08547	380	380	0 ANNUAL	WMRS			5
TMA	420228	5413743	0.08507	380	380	0 ANNUAL	WMRS			5
TMA	420228	5413793	0.08467	380	380	0 ANNUAL	WMRS			5
TMA	420228	5413843	0.08427	380	380	0 ANNUAL	WMRS			5
TMA	420228	5413893	0.08388	380	380	0 ANNUAL	WMRS			5
TMA	420228	5413943	0.08349	380	380	0 ANNUAL	WMRS			5
TMA	420228	5413993	0.08309	380	380	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	420228	5414043	0.08271	380	380	0 ANNUAL	WMRS			5
TMA	420228	5414093	0.08232	380	380	0 ANNUAL	WMRS			5
TMA	420228	5414143	0.08212	379.45	379.45	0 ANNUAL	WMRS			5
TMA	420228	5414193	0.08187	379	379	0 ANNUAL	WMRS			5
TMA	420228	5414243	0.08176	378	378	0 ANNUAL	WMRS			5
TMA	420228	5414293	0.08161	377	377	0 ANNUAL	WMRS			5
TMA	420228	5414343	0.08144	375.88	375.88	0 ANNUAL	WMRS			5
TMA	420228	5414393	0.08121	374.77	374.77	0 ANNUAL	WMRS			5
TMA	420228	5414443	0.08086	374	374	0 ANNUAL	WMRS			5
TMA	420228	5414493	0.0805	373	373	0 ANNUAL	WMRS			5
TMA	420228	5414543	0.07994	373	373	0 ANNUAL	WMRS			5
TMA	420228	5414593	0.07921	373.98	373.98	0 ANNUAL	WMRS			5
TMA	420228	5414643	0.07843	375.05	375.05	0 ANNUAL	WMRS			5
TMA	420228	5414693	0.07762	376.12	376.12	0 ANNUAL	WMRS			5
TMA	420228	5414743	0.07687	376.65	376.65	0 ANNUAL	WMRS			5
TMA	420228	5414793	0.07607	377.33	377.33	0 ANNUAL	WMRS			5
TMA	420228	5414843	0.0754	377.28	377.28	0 ANNUAL	WMRS			5
TMA	420228	5414893	0.07469	377.24	377.24	0 ANNUAL	WMRS			5
TMA	420228	5414943	0.07397	377.19	377.19	0 ANNUAL	WMRS			5
TMA	420228	5414993	0.07323	377.14	377.14	0 ANNUAL	WMRS			5
TMA	420228	5415043	0.07247	377.1	377.1	0 ANNUAL	WMRS			5
TMA	420228	5415093	0.07172	377	377	0 ANNUAL	WMRS			5
TMA	420228	5415143	0.07094	377	377	0 ANNUAL	WMRS			5
TMA	420228	5415193	0.07015	377	377	0 ANNUAL	WMRS			5
TMA	420178	5413493	0.08567	379	379	0 ANNUAL	WMRS			5
TMA	420178	5413543	0.0853	379	379	0 ANNUAL	WMRS			5
TMA	420178	5413593	0.08458	379.95	379.95	0 ANNUAL	WMRS			5
TMA	420178	5413643	0.08419	380	380	0 ANNUAL	WMRS			5
TMA	420178	5413693	0.08381	380	380	0 ANNUAL	WMRS			5
TMA	420178	5413743	0.08343	380	380	0 ANNUAL	WMRS			5
TMA	420178	5413793	0.08305	380	380	0 ANNUAL	WMRS			5
TMA	420178	5413843	0.08267	380	380	0 ANNUAL	WMRS			5
TMA	420178	5413893	0.08228	380	380	0 ANNUAL	WMRS			5
TMA	420178	5413943	0.0819	380	380	0 ANNUAL	WMRS			5
TMA	420178	5413993	0.08152	380	380	0 ANNUAL	WMRS			5
TMA	420178	5414043	0.08115	380	380	0 ANNUAL	WMRS			5
TMA	420178	5414093	0.08077	380	380	0 ANNUAL	WMRS			5
TMA	420178	5414143	0.08073	379	379	0 ANNUAL	WMRS			5
TMA	420178	5414193	0.08036	379	379	0 ANNUAL	WMRS			5
TMA	420178	5414243	0.08027	378	378	0 ANNUAL	WMRS			5
TMA	420178	5414293	0.08015	377.03	377.03	0 ANNUAL	WMRS			5
TMA	420178	5414343	0.08	376	376	0 ANNUAL	WMRS			5
TMA	420178	5414393	0.07979	375	375	0 ANNUAL	WMRS			5
TMA	420178	5414443	0.07954	374	374	0 ANNUAL	WMRS			5
TMA	420178	5414493	0.07917	373.39	373.39	0 ANNUAL	WMRS			5
TMA	420178	5414543	0.07873	373	373	0 ANNUAL	WMRS			5
TMA	420178	5414593	0.07821	373	373	0 ANNUAL	WMRS			5
TMA	420178	5414643	0.07752	374	374	0 ANNUAL	WMRS			5
TMA	420178	5414693	0.0769	374.36	374.36	0 ANNUAL	WMRS			5
TMA	420178	5414743	0.0762	375.04	375.04	0 ANNUAL	WMRS			5
TMA	420178	5414793	0.07551	375.58	375.58	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	420178	5414843	0.07481	376	376	0 ANNUAL	WMRS		5	
TMA	420178	5414893	0.07415	376	376	0 ANNUAL	WMRS		5	
TMA	420178	5414943	0.07348	376	376	0 ANNUAL	WMRS		5	
TMA	420178	5414993	0.07278	376	376	0 ANNUAL	WMRS		5	
TMA	420178	5415043	0.07207	376	376	0 ANNUAL	WMRS		5	
TMA	420178	5415093	0.07134	376	376	0 ANNUAL	WMRS		5	
TMA	420178	5415143	0.0706	376	376	0 ANNUAL	WMRS		5	
TMA	420178	5415193	0.0698	376.26	376.26	0 ANNUAL	WMRS		5	
TMA	420128	5413493	0.084	379	379	0 ANNUAL	WMRS		5	
TMA	420128	5413543	0.08328	379.98	379.98	0 ANNUAL	WMRS		5	
TMA	420128	5413593	0.08292	380	380	0 ANNUAL	WMRS		5	
TMA	420128	5413643	0.08256	380	380	0 ANNUAL	WMRS		5	
TMA	420128	5413693	0.0822	380	380	0 ANNUAL	WMRS		5	
TMA	420128	5413743	0.08184	380	380	0 ANNUAL	WMRS		5	
TMA	420128	5413793	0.08148	380	380	0 ANNUAL	WMRS		5	
TMA	420128	5413843	0.08111	380	380	0 ANNUAL	WMRS		5	
TMA	420128	5413893	0.08074	380	380	0 ANNUAL	WMRS		5	
TMA	420128	5413943	0.08037	380	380	0 ANNUAL	WMRS		5	
TMA	420128	5413993	0.08	380	380	0 ANNUAL	WMRS		5	
TMA	420128	5414043	0.07963	380	380	0 ANNUAL	WMRS		5	
TMA	420128	5414093	0.07927	380	380	0 ANNUAL	WMRS		5	
TMA	420128	5414143	0.07891	380	380	0 ANNUAL	WMRS		5	
TMA	420128	5414193	0.07876	379.38	379.38	0 ANNUAL	WMRS		5	
TMA	420128	5414243	0.07874	378.22	378.22	0 ANNUAL	WMRS		5	
TMA	420128	5414293	0.07869	377.06	377.06	0 ANNUAL	WMRS		5	
TMA	420128	5414343	0.07858	376	376	0 ANNUAL	WMRS		5	
TMA	420128	5414393	0.07845	374.78	374.78	0 ANNUAL	WMRS		5	
TMA	420128	5414443	0.0782	374	374	0 ANNUAL	WMRS		5	
TMA	420128	5414493	0.07794	373	373	0 ANNUAL	WMRS		5	
TMA	420128	5414543	0.07749	373	373	0 ANNUAL	WMRS		5	
TMA	420128	5414593	0.07702	373	373	0 ANNUAL	WMRS		5	
TMA	420128	5414643	0.07653	373	373	0 ANNUAL	WMRS		5	
TMA	420128	5414693	0.07589	373.9	373.9	0 ANNUAL	WMRS		5	
TMA	420128	5414743	0.07535	374	374	0 ANNUAL	WMRS		5	
TMA	420128	5414793	0.07474	374.41	374.41	0 ANNUAL	WMRS		5	
TMA	420128	5414843	0.07408	375	375	0 ANNUAL	WMRS		5	
TMA	420128	5414893	0.07348	375	375	0 ANNUAL	WMRS		5	
TMA	420128	5414943	0.07286	375	375	0 ANNUAL	WMRS		5	
TMA	420128	5414993	0.07222	375	375	0 ANNUAL	WMRS		5	
TMA	420128	5415043	0.07151	375.32	375.32	0 ANNUAL	WMRS		5	
TMA	420128	5415093	0.07073	376	376	0 ANNUAL	WMRS		5	
TMA	420128	5415143	0.06998	376.35	376.35	0 ANNUAL	WMRS		5	
TMA	420128	5415193	0.069	377.92	377.92	0 ANNUAL	WMRS		5	
TMA	420128	5415293	0.06734	379	379	0 ANNUAL	WMRS		5	
TMA	420128	5415393	0.06588	379	379	0 ANNUAL	WMRS		5	
TMA	420128	5415493	0.06442	379	379	0 ANNUAL	WMRS		5	
TMA	420128	5415593	0.06299	379.06	379.06	0 ANNUAL	WMRS		5	
TMA	420128	5415693	0.06144	380	380	0 ANNUAL	WMRS		5	
TMA	420128	5415793	0.06013	380.11	380.11	0 ANNUAL	WMRS		5	
TMA	420128	5415893	0.05874	381	381	0 ANNUAL	WMRS		5	
TMA	420128	5415993	0.05742	382	382	0 ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	420128	5416093	0.05642	382	382	0 ANNUAL	WMRS			5
TMA	420128	5416193	0.05562	381.49	381.49	0 ANNUAL	WMRS			5
TMA	420228	5415293	0.06859	377	377	0 ANNUAL	WMRS			5
TMA	420228	5415393	0.06686	378	378	0 ANNUAL	WMRS			5
TMA	420228	5415493	0.06538	378	378	0 ANNUAL	WMRS			5
TMA	420228	5415593	0.06377	379	379	0 ANNUAL	WMRS			5
TMA	420228	5415693	0.06245	379	379	0 ANNUAL	WMRS			5
TMA	420228	5415793	0.06102	380	380	0 ANNUAL	WMRS			5
TMA	420228	5415893	0.05975	380.72	380.72	0 ANNUAL	WMRS			5
TMA	420228	5415993	0.05837	382.39	382.39	0 ANNUAL	WMRS			5
TMA	420228	5416093	0.0571	384	384	0 ANNUAL	WMRS			5
TMA	420228	5416193	0.05605	385.02	385.02	0 ANNUAL	WMRS			5
TMA	420328	5415293	0.06925	378	378	0 ANNUAL	WMRS			5
TMA	420328	5415393	0.06772	378	378	0 ANNUAL	WMRS			5
TMA	420328	5415493	0.06629	378	378	0 ANNUAL	WMRS			5
TMA	420328	5415593	0.06491	378.19	378.19	0 ANNUAL	WMRS			5
TMA	420328	5415693	0.0635	379	379	0 ANNUAL	WMRS			5
TMA	420328	5415793	0.06216	380	380	0 ANNUAL	WMRS			5
TMA	420328	5415893	0.06115	380	380	0 ANNUAL	WMRS			5
TMA	420328	5415993	0.05968	382.46	382.46	0 ANNUAL	WMRS			5
TMA	420328	5416093	0.05811	385.51	385.51	0 ANNUAL	WMRS			5
TMA	420328	5416193	0.05672	388.05	388.05	0 ANNUAL	WMRS			5
TMA	420428	5415293	0.07	379	379	0 ANNUAL	WMRS			5
TMA	420428	5415393	0.06853	379	379	0 ANNUAL	WMRS			5
TMA	420428	5415493	0.06719	379	379	0 ANNUAL	WMRS			5
TMA	420428	5415593	0.06595	379	379	0 ANNUAL	WMRS			5
TMA	420428	5415693	0.06483	379	379	0 ANNUAL	WMRS			5
TMA	420428	5415793	0.06358	380	380	0 ANNUAL	WMRS			5
TMA	420428	5415893	0.06218	382	382	0 ANNUAL	WMRS			5
TMA	420428	5415993	0.06072	384.52	384.52	0 ANNUAL	WMRS			5
TMA	420428	5416093	0.05935	386.87	386.87	0 ANNUAL	WMRS			5
TMA	420428	5416193	0.05775	390.02	390.02	0 ANNUAL	WMRS			5
TMA	420528	5415293	0.071	379.82	379.82	0 ANNUAL	WMRS			5
TMA	420528	5415393	0.06986	379	379	0 ANNUAL	WMRS			5
TMA	420528	5415493	0.06854	379.31	379.31	0 ANNUAL	WMRS			5
TMA	420528	5415593	0.06723	380	380	0 ANNUAL	WMRS			5
TMA	420528	5415693	0.0662	380	380	0 ANNUAL	WMRS			5
TMA	420528	5415793	0.06524	380	380	0 ANNUAL	WMRS			5
TMA	420528	5415893	0.06405	381.26	381.26	0 ANNUAL	WMRS			5
TMA	420528	5415993	0.06242	384.58	384.58	0 ANNUAL	WMRS			5
TMA	420528	5416093	0.06074	387.92	387.92	0 ANNUAL	WMRS			5
TMA	420528	5416193	0.05868	392.21	392.21	0 ANNUAL	WMRS			5
TMA	420628	5415293	0.07248	380.05	380.05	0 ANNUAL	WMRS			5
TMA	420628	5415393	0.07124	380	380	0 ANNUAL	WMRS			5
TMA	420628	5415493	0.07009	380	380	0 ANNUAL	WMRS			5
TMA	420628	5415593	0.06902	380	380	0 ANNUAL	WMRS			5
TMA	420628	5415693	0.06765	381.47	381.47	0 ANNUAL	WMRS			5
TMA	420628	5415793	0.06668	381.58	381.58	0 ANNUAL	WMRS			5
TMA	420628	5415893	0.06562	382.16	382.16	0 ANNUAL	WMRS			5
TMA	420628	5415993	0.06412	384.64	384.64	0 ANNUAL	WMRS			5
TMA	420628	5416093	0.06262	387	387	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	420628	5416193	0.06086	390.06	390.06	0 ANNUAL	WMRS			5
TMA	420728	5415293	0.07343	383	383	0 ANNUAL	WMRS			5
TMA	420728	5415393	0.07256	382.1	382.1	0 ANNUAL	WMRS			5
TMA	420728	5415493	0.07166	381.41	381.41	0 ANNUAL	WMRS			5
TMA	420728	5415593	0.07055	381.61	381.61	0 ANNUAL	WMRS			5
TMA	420728	5415693	0.06921	382.81	382.81	0 ANNUAL	WMRS			5
TMA	420728	5415793	0.06788	384.01	384.01	0 ANNUAL	WMRS			5
TMA	420728	5415893	0.06687	384.04	384.04	0 ANNUAL	WMRS			5
TMA	420728	5415993	0.06561	384.98	384.98	0 ANNUAL	WMRS			5
TMA	420728	5416093	0.06404	387	387	0 ANNUAL	WMRS			5
TMA	420728	5416193	0.06242	389	389	0 ANNUAL	WMRS			5
TMA	420828	5415293	0.07445	386	386	0 ANNUAL	WMRS			5
TMA	420828	5415393	0.07369	385.05	385.05	0 ANNUAL	WMRS			5
TMA	420828	5415493	0.07262	384.96	384.96	0 ANNUAL	WMRS			5
TMA	420828	5415593	0.07182	384	384	0 ANNUAL	WMRS			5
TMA	420828	5415693	0.07069	384	384	0 ANNUAL	WMRS			5
TMA	420828	5415793	0.06906	385.72	385.72	0 ANNUAL	WMRS			5
TMA	420828	5415893	0.06752	387	387	0 ANNUAL	WMRS			5
TMA	420828	5415993	0.06636	387	387	0 ANNUAL	WMRS			5
TMA	420828	5416093	0.06516	387	387	0 ANNUAL	WMRS			5
TMA	420828	5416193	0.06365	388	388	0 ANNUAL	WMRS			5
TMA	420928	5415293	0.07623	387	387	0 ANNUAL	WMRS			5
TMA	420928	5415393	0.07463	388	388	0 ANNUAL	WMRS			5
TMA	420928	5415493	0.07363	387.5	387.5	0 ANNUAL	WMRS			5
TMA	420928	5415593	0.07259	387	387	0 ANNUAL	WMRS			5
TMA	420928	5415693	0.07165	386	386	0 ANNUAL	WMRS			5
TMA	420928	5415793	0.07022	386.37	386.37	0 ANNUAL	WMRS			5
TMA	420928	5415893	0.06818	388.51	388.51	0 ANNUAL	WMRS			5
TMA	420928	5415993	0.06632	390.03	390.03	0 ANNUAL	WMRS			5
TMA	420928	5416093	0.06498	390	390	0 ANNUAL	WMRS			5
TMA	420928	5416193	0.06297	391.85	391.85	0 ANNUAL	WMRS			5
TMA	421028	5415293	0.07881	385.67	385.67	0 ANNUAL	WMRS			5
TMA	421028	5415393	0.07647	388	388	0 ANNUAL	WMRS			5
TMA	421028	5415493	0.07465	389.01	389.01	0 ANNUAL	WMRS			5
TMA	421028	5415593	0.07323	389	389	0 ANNUAL	WMRS			5
TMA	421028	5415693	0.07214	388.06	388.06	0 ANNUAL	WMRS			5
TMA	421028	5415793	0.07066	388	388	0 ANNUAL	WMRS			5
TMA	421028	5415893	0.06879	389	389	0 ANNUAL	WMRS			5
TMA	421028	5415993	0.06615	392	392	0 ANNUAL	WMRS			5
TMA	421028	5416093	0.06312	395.7	395.7	0 ANNUAL	WMRS			5
TMA	421028	5416193	0.06032	398.71	398.71	0 ANNUAL	WMRS			5
TMA	421128	5415293	0.08052	385.73	385.73	0 ANNUAL	WMRS			5
TMA	421128	5415393	0.07749	389.03	389.03	0 ANNUAL	WMRS			5
TMA	421128	5415493	0.07544	390	390	0 ANNUAL	WMRS			5
TMA	421128	5415593	0.07381	390	390	0 ANNUAL	WMRS			5
TMA	421128	5415693	0.07216	390	390	0 ANNUAL	WMRS			5
TMA	421128	5415793	0.0706	389.79	389.79	0 ANNUAL	WMRS			5
TMA	421128	5415893	0.06887	390	390	0 ANNUAL	WMRS			5
TMA	421128	5415993	0.06604	392.95	392.95	0 ANNUAL	WMRS			5
TMA	421128	5416093	0.063	396.3	396.3	0 ANNUAL	WMRS			5
TMA	421128	5416193	0.05975	399.98	399.98	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	421228	5415293	0.08222	384.79	384.79	0 ANNUAL	WMRS			5
TMA	421228	5415393	0.07895	388.11	388.11	0 ANNUAL	WMRS			5
TMA	421228	5415493	0.07624	390	390	0 ANNUAL	WMRS			5
TMA	421228	5415593	0.07442	390	390	0 ANNUAL	WMRS			5
TMA	421228	5415693	0.07262	390	390	0 ANNUAL	WMRS			5
TMA	421228	5415793	0.07041	391	391	0 ANNUAL	WMRS			5
TMA	421228	5415893	0.06794	392.69	392.69	0 ANNUAL	WMRS			5
TMA	421228	5415993	0.06522	395.01	395.01	0 ANNUAL	WMRS			5
TMA	421228	5416093	0.06213	398.13	398.13	0 ANNUAL	WMRS			5
TMA	421228	5416193	0.05973	400	400	0 ANNUAL	WMRS			5
TMA	421328	5415293	0.08388	382.85	382.85	0 ANNUAL	WMRS			5
TMA	421328	5415393	0.08055	386	386	0 ANNUAL	WMRS			5
TMA	421328	5415493	0.0778	387.64	387.64	0 ANNUAL	WMRS			5
TMA	421328	5415593	0.07549	388.4	388.4	0 ANNUAL	WMRS			5
TMA	421328	5415693	0.0733	389	389	0 ANNUAL	WMRS			5
TMA	421328	5415793	0.07144	389	389	0 ANNUAL	WMRS			5
TMA	421328	5415893	0.06926	389.92	389.92	0 ANNUAL	WMRS			5
TMA	421328	5415993	0.06673	391.84	391.84	0 ANNUAL	WMRS			5
TMA	421328	5416093	0.06303	396.39	396.39	0 ANNUAL	WMRS			5
TMA	421328	5416193	0.05938	400.72	400.72	0 ANNUAL	WMRS			5
TMA	421428	5415293	0.08496	381.53	381.53	0 ANNUAL	WMRS			5
TMA	421428	5415393	0.08208	383.23	383.23	0 ANNUAL	WMRS			5
TMA	421428	5415493	0.07905	385.42	385.42	0 ANNUAL	WMRS			5
TMA	421428	5415593	0.07642	386.74	386.74	0 ANNUAL	WMRS			5
TMA	421428	5415693	0.07431	387	387	0 ANNUAL	WMRS			5
TMA	421428	5415793	0.07199	388	388	0 ANNUAL	WMRS			5
TMA	421428	5415893	0.07016	388	388	0 ANNUAL	WMRS			5
TMA	421428	5415993	0.06801	389.03	389.03	0 ANNUAL	WMRS			5
TMA	421428	5416093	0.06458	393.04	398	0 ANNUAL	WMRS			5
TMA	421428	5416193	0.05976	400.18	400.18	0 ANNUAL	WMRS			5
TMA	421528	5415293	0.0852	382	382	0 ANNUAL	WMRS			5
TMA	421528	5415393	0.08274	382.29	382.29	0 ANNUAL	WMRS			5
TMA	421528	5415493	0.07985	384	384	0 ANNUAL	WMRS			5
TMA	421528	5415593	0.07732	385	385	0 ANNUAL	WMRS			5
TMA	421528	5415693	0.07489	386	386	0 ANNUAL	WMRS			5
TMA	421528	5415793	0.07265	386.78	386.78	0 ANNUAL	WMRS			5
TMA	421528	5415893	0.07038	387.87	387.87	0 ANNUAL	WMRS			5
TMA	421528	5415993	0.0682	389	389	0 ANNUAL	WMRS			5
TMA	421528	5416093	0.06635	389.51	389.51	0 ANNUAL	WMRS			5
TMA	421528	5416193	0.06314	393.54	394	0 ANNUAL	WMRS			5
TMA	421628	5415293	0.0855	382	382	0 ANNUAL	WMRS			5
TMA	421628	5415393	0.08306	382.15	382.15	0 ANNUAL	WMRS			5
TMA	421628	5415493	0.08046	383	383	0 ANNUAL	WMRS			5
TMA	421628	5415593	0.07793	384	384	0 ANNUAL	WMRS			5
TMA	421628	5415693	0.07554	384.9	384.9	0 ANNUAL	WMRS			5
TMA	421628	5415793	0.07317	386	386	0 ANNUAL	WMRS			5
TMA	421628	5415893	0.07095	387	387	0 ANNUAL	WMRS			5
TMA	421628	5415993	0.06843	389	389	0 ANNUAL	WMRS			5
TMA	421628	5416093	0.06616	390.57	390.57	0 ANNUAL	WMRS			5
TMA	421628	5416193	0.06392	392.28	392.28	0 ANNUAL	WMRS			5
TMA	421728	5415293	0.08538	383	383	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	421728	5415393	0.08301	383	383	0 ANNUAL	WMRS			5
TMA	421728	5415493	0.08035	384	384	0 ANNUAL	WMRS			5
TMA	421728	5415593	0.07781	385	385	0 ANNUAL	WMRS			5
TMA	421728	5415693	0.07577	385	385	0 ANNUAL	WMRS			5
TMA	421728	5415793	0.07373	385.27	385.27	0 ANNUAL	WMRS			5
TMA	421728	5415893	0.07123	387	387	0 ANNUAL	WMRS			5
TMA	421728	5415993	0.06911	388	388	0 ANNUAL	WMRS			5
TMA	421728	5416093	0.06707	389	389	0 ANNUAL	WMRS			5
TMA	421728	5416193	0.06512	390	390	0 ANNUAL	WMRS			5
TMA	421828	5415293	0.08527	384	384	0 ANNUAL	WMRS			5
TMA	421828	5415393	0.0826	384.74	384.74	0 ANNUAL	WMRS			5
TMA	421828	5415493	0.07983	386	386	0 ANNUAL	WMRS			5
TMA	421828	5415593	0.07758	386.33	386.33	0 ANNUAL	WMRS			5
TMA	421828	5415693	0.07572	386	386	0 ANNUAL	WMRS			5
TMA	421828	5415793	0.0738	386	386	0 ANNUAL	WMRS			5
TMA	421828	5415893	0.07158	387	387	0 ANNUAL	WMRS			5
TMA	421828	5415993	0.06946	388	388	0 ANNUAL	WMRS			5
TMA	421828	5416093	0.06742	389	389	0 ANNUAL	WMRS			5
TMA	421828	5416193	0.06547	390	390	0 ANNUAL	WMRS			5
TMA	421928	5415293	0.08522	385	385	0 ANNUAL	WMRS			5
TMA	421928	5415393	0.0829	385	385	0 ANNUAL	WMRS			5
TMA	421928	5415493	0.07937	387.85	387.85	0 ANNUAL	WMRS			5
TMA	421928	5415593	0.0764	389.73	389.73	0 ANNUAL	WMRS			5
TMA	421928	5415693	0.0751	388.41	388.41	0 ANNUAL	WMRS			5
TMA	421928	5415793	0.07393	386.75	386.75	0 ANNUAL	WMRS			5
TMA	421928	5415893	0.07201	387	387	0 ANNUAL	WMRS			5
TMA	421928	5415993	0.06989	388	388	0 ANNUAL	WMRS			5
TMA	421928	5416093	0.06785	389	389	0 ANNUAL	WMRS			5
TMA	421928	5416193	0.0659	390	390	0 ANNUAL	WMRS			5
TMA	422028	5415293	0.08474	387	387	0 ANNUAL	WMRS			5
TMA	422028	5415393	0.08296	386	386	0 ANNUAL	WMRS			5
TMA	422028	5415493	0.07986	387.91	387.91	0 ANNUAL	WMRS			5
TMA	422028	5415593	0.07678	390	390	0 ANNUAL	WMRS			5
TMA	422028	5415693	0.07487	390	390	0 ANNUAL	WMRS			5
TMA	422028	5415793	0.07379	388.35	388.35	0 ANNUAL	WMRS			5
TMA	422028	5415893	0.07215	388	388	0 ANNUAL	WMRS			5
TMA	422028	5415993	0.07042	388.03	388.03	0 ANNUAL	WMRS			5
TMA	422028	5416093	0.06839	389	389	0 ANNUAL	WMRS			5
TMA	422028	5416193	0.06644	390	390	0 ANNUAL	WMRS			5
TMA	422128	5415293	0.08429	389	389	0 ANNUAL	WMRS			5
TMA	422128	5415393	0.08262	388	388	0 ANNUAL	WMRS			5
TMA	422128	5415493	0.08097	387	387	0 ANNUAL	WMRS			5
TMA	422128	5415593	0.07794	389.01	389.01	0 ANNUAL	WMRS			5
TMA	422128	5415693	0.07552	390	390	0 ANNUAL	WMRS			5
TMA	422128	5415793	0.07416	389	389	0 ANNUAL	WMRS			5
TMA	422128	5415893	0.07249	388.77	388.77	0 ANNUAL	WMRS			5
TMA	422128	5415993	0.07045	389.55	389.55	0 ANNUAL	WMRS			5
TMA	422128	5416093	0.06864	390	390	0 ANNUAL	WMRS			5
TMA	422128	5416193	0.06665	391.08	391.08	0 ANNUAL	WMRS			5
TMA	422228	5415293	0.0845	390	390	0 ANNUAL	WMRS			5
TMA	422228	5415393	0.08288	389	389	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	422228	5415493	0.08129	388	388	0 ANNUAL	WMRS			5
TMA	422228	5415593	0.07907	388.35	388.35	0 ANNUAL	WMRS			5
TMA	422228	5415693	0.0768	389	389	0 ANNUAL	WMRS			5
TMA	422228	5415793	0.07495	389	389	0 ANNUAL	WMRS			5
TMA	422228	5415893	0.07316	389	389	0 ANNUAL	WMRS			5
TMA	422228	5415993	0.07102	390	390	0 ANNUAL	WMRS			5
TMA	422228	5416093	0.06897	391	391	0 ANNUAL	WMRS			5
TMA	422228	5416193	0.06655	392.98	392.98	0 ANNUAL	WMRS			5
TMA	422328	5415293	0.08544	390	390	0 ANNUAL	WMRS			5
TMA	422328	5415393	0.08324	390	390	0 ANNUAL	WMRS			5
TMA	422328	5415493	0.08161	389.15	389.15	0 ANNUAL	WMRS			5
TMA	422328	5415593	0.07965	389	389	0 ANNUAL	WMRS			5
TMA	422328	5415693	0.07769	389	389	0 ANNUAL	WMRS			5
TMA	422328	5415793	0.07539	389.89	389.89	0 ANNUAL	WMRS			5
TMA	422328	5415893	0.07356	390	390	0 ANNUAL	WMRS			5
TMA	422328	5415993	0.07185	390	390	0 ANNUAL	WMRS			5
TMA	422328	5416093	0.06977	391	391	0 ANNUAL	WMRS			5
TMA	422328	5416193	0.06717	393.31	393.31	0 ANNUAL	WMRS			5
TMA	422428	5415293	0.08705	389.06	389.06	0 ANNUAL	WMRS			5
TMA	422428	5415393	0.08425	390	390	0 ANNUAL	WMRS			5
TMA	422428	5415493	0.08211	390	390	0 ANNUAL	WMRS			5
TMA	422428	5415593	0.07951	391	391	0 ANNUAL	WMRS			5
TMA	422428	5415693	0.0781	390	390	0 ANNUAL	WMRS			5
TMA	422428	5415793	0.07597	390.49	390.49	0 ANNUAL	WMRS			5
TMA	422428	5415893	0.07392	391	391	0 ANNUAL	WMRS			5
TMA	422428	5415993	0.0722	391	391	0 ANNUAL	WMRS			5
TMA	422428	5416093	0.07008	392	392	0 ANNUAL	WMRS			5
TMA	422428	5416193	0.06756	394	394	0 ANNUAL	WMRS			5
TMA	422528	5415293	0.0875	390	390	0 ANNUAL	WMRS			5
TMA	422528	5415393	0.08442	391.3	391.3	0 ANNUAL	WMRS			5
TMA	422528	5415493	0.08119	393.05	393.05	0 ANNUAL	WMRS			5
TMA	422528	5415593	0.07849	394.16	394.16	0 ANNUAL	WMRS			5
TMA	422528	5415693	0.07664	394.07	394.07	0 ANNUAL	WMRS			5
TMA	422528	5415793	0.07486	393.98	393.98	0 ANNUAL	WMRS			5
TMA	422528	5415893	0.07363	393	393	0 ANNUAL	WMRS			5
TMA	422528	5415993	0.07241	392	392	0 ANNUAL	WMRS			5
TMA	422528	5416093	0.07072	392	392	0 ANNUAL	WMRS			5
TMA	422528	5416193	0.06843	393.43	393.43	0 ANNUAL	WMRS			5
TMA	422628	5415293	0.08841	390	390	0 ANNUAL	WMRS			5
TMA	422628	5415393	0.08419	392.95	392.95	0 ANNUAL	WMRS			5
TMA	422628	5415493	0.08007	395.85	395.85	0 ANNUAL	WMRS			5
TMA	422628	5415593	0.0768	397.7	397.7	0 ANNUAL	WMRS			5
TMA	422628	5415693	0.07501	397.61	397.61	0 ANNUAL	WMRS			5
TMA	422628	5415793	0.07393	396.52	396.52	0 ANNUAL	WMRS			5
TMA	422628	5415893	0.07297	395.2	395.2	0 ANNUAL	WMRS			5
TMA	422628	5415993	0.07191	394	394	0 ANNUAL	WMRS			5
TMA	422628	5416093	0.07073	393	393	0 ANNUAL	WMRS			5
TMA	422628	5416193	0.06881	393.57	393.57	0 ANNUAL	WMRS			5
TMA	422728	5415293	0.08803	391.69	391.69	0 ANNUAL	WMRS			5
TMA	422728	5415393	0.08411	394.01	394.01	0 ANNUAL	WMRS			5
TMA	422728	5415493	0.07957	397.33	397.33	0 ANNUAL	WMRS			5



Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	422728	5415593	0.07561	400	400	0 ANNUAL	WMRS			5
TMA	422728	5415693	0.07379	400	400	0 ANNUAL	WMRS			5
TMA	422728	5415793	0.07291	398.74	398.74	0 ANNUAL	WMRS			5
TMA	422728	5415893	0.07229	397	397	0 ANNUAL	WMRS			5
TMA	422728	5415993	0.07169	395.08	395.08	0 ANNUAL	WMRS			5
TMA	422728	5416093	0.07056	394	394	0 ANNUAL	WMRS			5
TMA	422728	5416193	0.0689	394	394	0 ANNUAL	WMRS			5
TMA	422828	5415293	0.08786	392.75	392.75	0 ANNUAL	WMRS			5
TMA	422828	5415393	0.08391	395	395	0 ANNUAL	WMRS			5
TMA	422828	5415493	0.08027	397	397	0 ANNUAL	WMRS			5
TMA	422828	5415593	0.077	398.71	398.71	0 ANNUAL	WMRS			5
TMA	422828	5415693	0.07489	399	399	0 ANNUAL	WMRS			5
TMA	422828	5415793	0.07307	399	399	0 ANNUAL	WMRS			5
TMA	422828	5415893	0.07186	398.18	398.18	0 ANNUAL	WMRS			5
TMA	422828	5415993	0.07087	397	397	0 ANNUAL	WMRS			5
TMA	422828	5416093	0.06976	396	396	0 ANNUAL	WMRS			5
TMA	422828	5416193	0.06865	395	395	0 ANNUAL	WMRS			5
TMA	422928	5415293	0.08785	393.5	393.5	0 ANNUAL	WMRS			5
TMA	422928	5415393	0.0843	395.13	395.13	0 ANNUAL	WMRS			5
TMA	422928	5415493	0.08072	397	397	0 ANNUAL	WMRS			5
TMA	422928	5415593	0.07737	398.77	398.77	0 ANNUAL	WMRS			5
TMA	422928	5415693	0.07528	399	399	0 ANNUAL	WMRS			5
TMA	422928	5415793	0.07344	399	399	0 ANNUAL	WMRS			5
TMA	422928	5415893	0.07168	399	399	0 ANNUAL	WMRS			5
TMA	422928	5415993	0.0706	398	398	0 ANNUAL	WMRS			5
TMA	422928	5416093	0.06952	397	397	0 ANNUAL	WMRS			5
TMA	422928	5416193	0.06844	396	396	0 ANNUAL	WMRS			5
TMA	423028	5415293	0.08816	393.89	393.89	0 ANNUAL	WMRS			5
TMA	423028	5415393	0.08497	395	395	0 ANNUAL	WMRS			5
TMA	423028	5415493	0.08164	396.51	396.51	0 ANNUAL	WMRS			5
TMA	423028	5415593	0.07859	397.84	397.84	0 ANNUAL	WMRS			5
TMA	423028	5415693	0.07579	399	399	0 ANNUAL	WMRS			5
TMA	423028	5415793	0.07362	399.46	399.46	0 ANNUAL	WMRS			5
TMA	423028	5415893	0.07169	399.7	399.7	0 ANNUAL	WMRS			5
TMA	423028	5415993	0.07044	399	399	0 ANNUAL	WMRS			5
TMA	423028	5416093	0.06939	398	398	0 ANNUAL	WMRS			5
TMA	423028	5416193	0.06777	398	398	0 ANNUAL	WMRS			5
TMA	423128	5415293	0.08811	394.93	394.93	0 ANNUAL	WMRS			5
TMA	423128	5415393	0.08494	396	396	0 ANNUAL	WMRS			5
TMA	423128	5415493	0.08175	397.3	397.3	0 ANNUAL	WMRS			5
TMA	423128	5415593	0.07883	398.44	398.44	0 ANNUAL	WMRS			5
TMA	423128	5415693	0.07646	399	399	0 ANNUAL	WMRS			5
TMA	423128	5415793	0.07389	400	400	0 ANNUAL	WMRS			5
TMA	423128	5415893	0.07212	400	400	0 ANNUAL	WMRS			5
TMA	423128	5415993	0.07106	399	399	0 ANNUAL	WMRS			5
TMA	423128	5416093	0.0694	399	399	0 ANNUAL	WMRS			5
TMA	423128	5416193	0.0678	399	399	0 ANNUAL	WMRS			5
TMA	423228	5415293	0.08893	395	395	0 ANNUAL	WMRS			5
TMA	423228	5415393	0.08502	397	397	0 ANNUAL	WMRS			5
TMA	423228	5415493	0.08153	398.66	398.66	0 ANNUAL	WMRS			5
TMA	423228	5415593	0.07845	400	400	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	423228	5415693	0.07652	400	400	0 ANNUAL	WMRS		5	
TMA	423228	5415793	0.07466	400	400	0 ANNUAL	WMRS		5	
TMA	423228	5415893	0.07355	399	399	0 ANNUAL	WMRS		5	
TMA	423228	5415993	0.07181	399	399	0 ANNUAL	WMRS		5	
TMA	423228	5416093	0.07013	399	399	0 ANNUAL	WMRS		5	
TMA	423228	5416193	0.06792	400	400	0 ANNUAL	WMRS		5	
TMA	423328	5415293	0.08901	396.05	396.05	0 ANNUAL	WMRS		5	
TMA	423328	5415393	0.08511	398	398	0 ANNUAL	WMRS		5	
TMA	423328	5415493	0.08213	399	399	0 ANNUAL	WMRS		5	
TMA	423328	5415593	0.07929	400	400	0 ANNUAL	WMRS		5	
TMA	423328	5415693	0.07734	400	400	0 ANNUAL	WMRS		5	
TMA	423328	5415793	0.07546	400	400	0 ANNUAL	WMRS		5	
TMA	423328	5415893	0.07433	399	399	0 ANNUAL	WMRS		5	
TMA	423328	5415993	0.0732	398	398	0 ANNUAL	WMRS		5	
TMA	423328	5416093	0.07148	398	398	0 ANNUAL	WMRS		5	
TMA	423328	5416193	0.06924	399.01	399.01	0 ANNUAL	WMRS		5	
TMA	423428	5415293	0.08904	397	397	0 ANNUAL	WMRS		5	
TMA	423428	5415393	0.08553	398.43	398.43	0 ANNUAL	WMRS		5	
TMA	423428	5415493	0.08288	399	399	0 ANNUAL	WMRS		5	
TMA	423428	5415593	0.08013	399.86	399.86	0 ANNUAL	WMRS		5	
TMA	423428	5415693	0.07878	399	399	0 ANNUAL	WMRS		5	
TMA	423428	5415793	0.07752	398.03	398.03	0 ANNUAL	WMRS		5	
TMA	423428	5415893	0.0763	397	397	0 ANNUAL	WMRS		5	
TMA	423428	5415993	0.07506	396	396	0 ANNUAL	WMRS		5	
TMA	423428	5416093	0.0735	395.59	395.59	0 ANNUAL	WMRS		5	
TMA	423428	5416193	0.07155	396	396	0 ANNUAL	WMRS		5	
TMA	423528	5415293	0.08958	397	397	0 ANNUAL	WMRS		5	
TMA	423528	5415393	0.08641	398	398	0 ANNUAL	WMRS		5	
TMA	423528	5415493	0.08338	399	399	0 ANNUAL	WMRS		5	
TMA	423528	5415593	0.08128	399	399	0 ANNUAL	WMRS		5	
TMA	423528	5415693	0.07976	398.3	398.3	0 ANNUAL	WMRS		5	
TMA	423528	5415793	0.07868	397	397	0 ANNUAL	WMRS		5	
TMA	423528	5415893	0.07743	395.93	395.93	0 ANNUAL	WMRS		5	
TMA	423528	5415993	0.0764	394.45	394.45	0 ANNUAL	WMRS		5	
TMA	423528	5416093	0.07519	393.24	393.24	0 ANNUAL	WMRS		5	
TMA	423528	5416193	0.07355	392.91	392.91	0 ANNUAL	WMRS		5	
TMA	423628	5415293	0.08808	399	399	0 ANNUAL	WMRS		5	
TMA	423628	5415393	0.08578	399	399	0 ANNUAL	WMRS		5	
TMA	423628	5415493	0.08339	399.23	399.23	0 ANNUAL	WMRS		5	
TMA	423628	5415593	0.08136	399.14	399.14	0 ANNUAL	WMRS		5	
TMA	423628	5415693	0.07978	398.54	398.54	0 ANNUAL	WMRS		5	
TMA	423628	5415793	0.07875	397.18	397.18	0 ANNUAL	WMRS		5	
TMA	423628	5415893	0.07766	395.87	395.87	0 ANNUAL	WMRS		5	
TMA	423628	5415993	0.07684	394	394	0 ANNUAL	WMRS		5	
TMA	423628	5416093	0.0759	392.23	392.23	0 ANNUAL	WMRS		5	
TMA	423628	5416193	0.07464	391	391	0 ANNUAL	WMRS		5	
TMA	423728	5415293	0.08711	400	400	0 ANNUAL	WMRS		5	
TMA	423728	5415393	0.08486	400	400	0 ANNUAL	WMRS		5	
TMA	423728	5415493	0.08269	400	400	0 ANNUAL	WMRS		5	
TMA	423728	5415593	0.08062	400	400	0 ANNUAL	WMRS		5	
TMA	423728	5415693	0.07938	399	399	0 ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	423728	5415793	0.07814	398	398	0 ANNUAL	WMRS			5
TMA	423728	5415893	0.07753	396	396	0 ANNUAL	WMRS			5
TMA	423728	5415993	0.07671	394.18	394.18	0 ANNUAL	WMRS			5
TMA	423728	5416093	0.07548	393	393	0 ANNUAL	WMRS			5
TMA	423728	5416193	0.07423	391.86	391.86	0 ANNUAL	WMRS			5
TMA	423828	5415293	0.08685	400	400	0 ANNUAL	WMRS			5
TMA	423828	5415393	0.08461	400	400	0 ANNUAL	WMRS			5
TMA	423828	5415493	0.08246	400	400	0 ANNUAL	WMRS			5
TMA	423828	5415593	0.08039	400	400	0 ANNUAL	WMRS			5
TMA	423828	5415693	0.07925	398.89	398.89	0 ANNUAL	WMRS			5
TMA	423828	5415793	0.07857	397.07	397.07	0 ANNUAL	WMRS			5
TMA	423828	5415893	0.07734	396	396	0 ANNUAL	WMRS			5
TMA	423828	5415993	0.07639	394.43	394.43	0 ANNUAL	WMRS			5
TMA	423828	5416093	0.07526	393.11	393.11	0 ANNUAL	WMRS			5
TMA	423828	5416193	0.074	392	392	0 ANNUAL	WMRS			5
TMA	423928	5415293	0.08644	400	400	0 ANNUAL	WMRS			5
TMA	423928	5415393	0.08424	400	400	0 ANNUAL	WMRS			5
TMA	423928	5415493	0.08211	400	400	0 ANNUAL	WMRS			5
TMA	423928	5415593	0.08086	399	399	0 ANNUAL	WMRS			5
TMA	423928	5415693	0.07995	397.51	397.51	0 ANNUAL	WMRS			5
TMA	423928	5415793	0.079	396	396	0 ANNUAL	WMRS			5
TMA	423928	5415893	0.07769	395	395	0 ANNUAL	WMRS			5
TMA	423928	5415993	0.07637	394	394	0 ANNUAL	WMRS			5
TMA	423928	5416093	0.07525	392.65	392.65	0 ANNUAL	WMRS			5
TMA	423928	5416193	0.07427	390.93	390.93	0 ANNUAL	WMRS			5
TMA	424028	5415293	0.08581	400	400	0 ANNUAL	WMRS			5
TMA	424028	5415393	0.08367	400	400	0 ANNUAL	WMRS			5
TMA	424028	5415493	0.08161	400	400	0 ANNUAL	WMRS			5
TMA	424028	5415593	0.07962	400	400	0 ANNUAL	WMRS			5
TMA	424028	5415693	0.07885	398.46	398.46	0 ANNUAL	WMRS			5
TMA	424028	5415793	0.07875	395.78	395.78	0 ANNUAL	WMRS			5
TMA	424028	5415893	0.07849	393	393	0 ANNUAL	WMRS			5
TMA	424028	5415993	0.07659	393	393	0 ANNUAL	WMRS			5
TMA	424028	5416093	0.0757	391.09	391.09	0 ANNUAL	WMRS			5
TMA	424028	5416193	0.07453	389.68	389.68	0 ANNUAL	WMRS			5
TMA	424128	5415293	0.08484	400	400	0 ANNUAL	WMRS			5
TMA	424128	5415393	0.08281	400	400	0 ANNUAL	WMRS			5
TMA	424128	5415493	0.08003	401	401	0 ANNUAL	WMRS			5
TMA	424128	5415593	0.07816	401	401	0 ANNUAL	WMRS			5
TMA	424128	5415693	0.07768	399.21	399.21	0 ANNUAL	WMRS			5
TMA	424128	5415793	0.07933	393.89	393.89	0 ANNUAL	WMRS			5
TMA	424128	5415893	0.07949	390	390	0 ANNUAL	WMRS			5
TMA	424128	5415993	0.07758	390	390	0 ANNUAL	WMRS			5
TMA	424128	5416093	0.0753	390.97	390.97	0 ANNUAL	WMRS			5
TMA	424128	5416193	0.07444	388.86	388.86	0 ANNUAL	WMRS			5
TMA	423228	5415193	0.09248	393.68	393.68	0 ANNUAL	WMRS			5
TMA	423228	5415093	0.09649	392	392	0 ANNUAL	WMRS			5
TMA	423328	5415193	0.09317	394	394	0 ANNUAL	WMRS			5
TMA	423328	5415093	0.09747	391.99	391.99	0 ANNUAL	WMRS			5
TMA	423428	5415193	0.09319	395	395	0 ANNUAL	WMRS			5
TMA	423428	5415093	0.0967	394	394	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	423528	5415193	0.09293	396	396	0 ANNUAL	WMRS		5	
TMA	423528	5415093	0.09644	395	395	0 ANNUAL	WMRS		5	
TMA	423628	5415193	0.09143	397.96	397.96	0 ANNUAL	WMRS		5	
TMA	423628	5415093	0.09581	396	396	0 ANNUAL	WMRS		5	
TMA	423728	5415193	0.09044	398.97	398.97	0 ANNUAL	WMRS		5	
TMA	423728	5415093	0.09484	397	397	0 ANNUAL	WMRS		5	
TMA	423828	5415193	0.0907	398.4	398.4	0 ANNUAL	WMRS		5	
TMA	423828	5415093	0.09454	397	397	0 ANNUAL	WMRS		5	
TMA	423928	5415193	0.08968	399	399	0 ANNUAL	WMRS		5	
TMA	423928	5415093	0.09329	397.77	397.77	0 ANNUAL	WMRS		5	
TMA	424028	5415193	0.08803	400	400	0 ANNUAL	WMRS		5	
TMA	424028	5415093	0.09132	398.97	398.97	0 ANNUAL	WMRS		5	
TMA	424028	5414993	0.09524	397.46	397.46	0 ANNUAL	WMRS		5	
TMA	424028	5414893	0.09929	396	396	0 ANNUAL	WMRS		5	
TMA	424028	5414793	0.10089	397.12	397.12	0 ANNUAL	WMRS		5	
TMA	424028	5414693	0.10107	399.44	399.44	0 ANNUAL	WMRS		5	
TMA	424128	5415193	0.08693	400	400	0 ANNUAL	WMRS		5	
TMA	424128	5415093	0.09005	399	399	0 ANNUAL	WMRS		5	
TMA	424128	5414993	0.0933	398	398	0 ANNUAL	WMRS		5	
TMA	424128	5414893	0.09656	397.14	397.14	0 ANNUAL	WMRS		5	
TMA	424128	5414793	0.0982	398	398	0 ANNUAL	WMRS		5	
TMA	424128	5414693	0.09926	399.38	399.38	0 ANNUAL	WMRS		5	
TMA	420028	5413493	0.08082	379	379	0 ANNUAL	WMRS		5	
TMA	420028	5413593	0.0801	379	379	0 ANNUAL	WMRS		5	
TMA	420028	5413693	0.07944	379	379	0 ANNUAL	WMRS		5	
TMA	420028	5413793	0.07877	379	379	0 ANNUAL	WMRS		5	
TMA	420028	5413893	0.07807	379.08	379.08	0 ANNUAL	WMRS		5	
TMA	420028	5413993	0.0774	379	379	0 ANNUAL	WMRS		5	
TMA	420028	5414093	0.07671	379	379	0 ANNUAL	WMRS		5	
TMA	420028	5414193	0.07633	377.89	377.89	0 ANNUAL	WMRS		5	
TMA	420028	5414293	0.07613	376	376	0 ANNUAL	WMRS		5	
TMA	420028	5414393	0.07589	373.92	373.92	0 ANNUAL	WMRS		5	
TMA	420028	5414493	0.07545	372.25	372.25	0 ANNUAL	WMRS		5	
TMA	420028	5414593	0.07457	373	373	0 ANNUAL	WMRS		5	
TMA	420028	5414693	0.07343	375.1	375.1	0 ANNUAL	WMRS		5	
TMA	420028	5414793	0.07246	375.76	375.76	0 ANNUAL	WMRS		5	
TMA	420028	5414893	0.07155	375.64	375.64	0 ANNUAL	WMRS		5	
TMA	420028	5414993	0.07012	378.09	378.09	0 ANNUAL	WMRS		5	
TMA	420028	5415093	0.06856	380.44	380.44	0 ANNUAL	WMRS		5	
TMA	420028	5415193	0.06742	380.23	380.23	0 ANNUAL	WMRS		5	
TMA	420028	5415293	0.0662	380	380	0 ANNUAL	WMRS		5	
TMA	420028	5415393	0.06487	380	380	0 ANNUAL	WMRS		5	
TMA	420028	5415493	0.06354	379.87	379.87	0 ANNUAL	WMRS		5	
TMA	420028	5415593	0.06214	380	380	0 ANNUAL	WMRS		5	
TMA	420028	5415693	0.06059	381	381	0 ANNUAL	WMRS		5	
TMA	420028	5415793	0.05906	382	382	0 ANNUAL	WMRS		5	
TMA	420028	5415893	0.05781	382	382	0 ANNUAL	WMRS		5	
TMA	420028	5415993	0.05663	382	382	0 ANNUAL	WMRS		5	
TMA	420028	5416093	0.05575	381	381	0 ANNUAL	WMRS		5	
TMA	420028	5416193	0.05492	380.09	380.09	0 ANNUAL	WMRS		5	
TMA	419928	5413493	0.07827	377.92	377.92	0 ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	419928	5413593	0.07751	377.82	377.82	0 ANNUAL	WMRS		5	
TMA	419928	5413693	0.07687	377.73	377.73	0 ANNUAL	WMRS		5	
TMA	419928	5413793	0.07627	377.63	377.63	0 ANNUAL	WMRS		5	
TMA	419928	5413893	0.07581	377	377	0 ANNUAL	WMRS		5	
TMA	419928	5413993	0.07517	377	377	0 ANNUAL	WMRS		5	
TMA	419928	5414093	0.07475	376	376	0 ANNUAL	WMRS		5	
TMA	419928	5414193	0.07432	375	375	0 ANNUAL	WMRS		5	
TMA	419928	5414293	0.074	373.32	373.32	0 ANNUAL	WMRS		5	
TMA	419928	5414393	0.07356	372.06	372.06	0 ANNUAL	WMRS		5	
TMA	419928	5414493	0.07291	372	372	0 ANNUAL	WMRS		5	
TMA	419928	5414593	0.07182	374.56	374.56	0 ANNUAL	WMRS		5	
TMA	419928	5414693	0.07024	379.09	379.09	0 ANNUAL	WMRS		5	
TMA	419928	5414793	0.06938	380	380	0 ANNUAL	WMRS		5	
TMA	419928	5414893	0.0687	380	380	0 ANNUAL	WMRS		5	
TMA	419928	5414993	0.06794	380	380	0 ANNUAL	WMRS		5	
TMA	419928	5415093	0.06702	380.27	380.27	0 ANNUAL	WMRS		5	
TMA	419928	5415193	0.06612	380	380	0 ANNUAL	WMRS		5	
TMA	419928	5415293	0.06521	379.23	379.23	0 ANNUAL	WMRS		5	
TMA	419928	5415393	0.06411	379	379	0 ANNUAL	WMRS		5	
TMA	419928	5415493	0.06289	379	379	0 ANNUAL	WMRS		5	
TMA	419928	5415593	0.06146	380	380	0 ANNUAL	WMRS		5	
TMA	419928	5415693	0.0598	382	382	0 ANNUAL	WMRS		5	
TMA	419928	5415793	0.05808	384	384	0 ANNUAL	WMRS		5	
TMA	419928	5415893	0.05675	384.34	384.34	0 ANNUAL	WMRS		5	
TMA	419928	5415993	0.05576	383.34	383.34	0 ANNUAL	WMRS		5	
TMA	419928	5416093	0.05499	381.47	381.47	0 ANNUAL	WMRS		5	
TMA	419928	5416193	0.05418	380	380	0 ANNUAL	WMRS		5	
TMA	419828	5413493	0.07623	376	376	0 ANNUAL	WMRS		5	
TMA	419828	5413593	0.07531	376	376	0 ANNUAL	WMRS		5	
TMA	419828	5413693	0.07477	375.18	375.18	0 ANNUAL	WMRS		5	
TMA	419828	5413793	0.07414	375.07	375.07	0 ANNUAL	WMRS		5	
TMA	419828	5413893	0.07354	375	375	0 ANNUAL	WMRS		5	
TMA	419828	5413993	0.07315	374	374	0 ANNUAL	WMRS		5	
TMA	419828	5414093	0.07272	373	373	0 ANNUAL	WMRS		5	
TMA	419828	5414193	0.07215	372.71	372.71	0 ANNUAL	WMRS		5	
TMA	419828	5414293	0.07165	372	372	0 ANNUAL	WMRS		5	
TMA	419828	5414393	0.07111	371.52	371.52	0 ANNUAL	WMRS		5	
TMA	419828	5414493	0.07043	372	372	0 ANNUAL	WMRS		5	
TMA	419828	5414593	0.06937	374.71	374.71	0 ANNUAL	WMRS		5	
TMA	419828	5414693	0.06829	377.27	377.27	0 ANNUAL	WMRS		5	
TMA	419828	5414793	0.06712	380	380	0 ANNUAL	WMRS		5	
TMA	419828	5414893	0.0667	379.38	379.38	0 ANNUAL	WMRS		5	
TMA	419828	5414993	0.06617	379	379	0 ANNUAL	WMRS		5	
TMA	419828	5415093	0.0655	378.96	378.96	0 ANNUAL	WMRS		5	
TMA	419828	5415193	0.06478	378.77	378.77	0 ANNUAL	WMRS		5	
TMA	419828	5415293	0.0639	378.93	378.93	0 ANNUAL	WMRS		5	
TMA	419828	5415393	0.06295	379	379	0 ANNUAL	WMRS		5	
TMA	419828	5415493	0.0618	379.79	379.79	0 ANNUAL	WMRS		5	
TMA	419828	5415593	0.06066	380	380	0 ANNUAL	WMRS		5	
TMA	419828	5415693	0.05892	383.2	383.2	0 ANNUAL	WMRS		5	
TMA	419828	5415793	0.057	386.41	386.41	0 ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	419828	5415893	0.05543	387.89	387.89	0 ANNUAL	WMRS			5
TMA	419828	5415993	0.05447	387	387	0 ANNUAL	WMRS			5
TMA	419828	5416093	0.05402	383.65	390	0 ANNUAL	WMRS			5
TMA	419828	5416193	0.05375	379.04	392	0 ANNUAL	WMRS			5
TMA	419728	5413493	0.07359	377.15	377.15	0 ANNUAL	WMRS			5
TMA	419728	5413593	0.07295	375.65	375.65	0 ANNUAL	WMRS			5
TMA	419728	5413693	0.0725	374	374	0 ANNUAL	WMRS			5
TMA	419728	5413793	0.07199	373	373	0 ANNUAL	WMRS			5
TMA	419728	5413893	0.0714	372.77	372.77	0 ANNUAL	WMRS			5
TMA	419728	5413993	0.07094	372	372	0 ANNUAL	WMRS			5
TMA	419728	5414093	0.07048	371.25	371.25	0 ANNUAL	WMRS			5
TMA	419728	5414193	0.06994	371	371	0 ANNUAL	WMRS			5
TMA	419728	5414293	0.06936	371	371	0 ANNUAL	WMRS			5
TMA	419728	5414393	0.06864	372	372	0 ANNUAL	WMRS			5
TMA	419728	5414493	0.06804	372.11	372.11	0 ANNUAL	WMRS			5
TMA	419728	5414593	0.06734	373	373	0 ANNUAL	WMRS			5
TMA	419728	5414693	0.06645	374.99	374.99	0 ANNUAL	WMRS			5
TMA	419728	5414793	0.06573	376	376	0 ANNUAL	WMRS			5
TMA	419728	5414893	0.06511	376.51	376.51	0 ANNUAL	WMRS			5
TMA	419728	5414993	0.06449	377	377	0 ANNUAL	WMRS			5
TMA	419728	5415093	0.06389	377.23	377.23	0 ANNUAL	WMRS			5
TMA	419728	5415193	0.063	378.9	378.9	0 ANNUAL	WMRS			5
TMA	419728	5415293	0.06215	379.98	379.98	0 ANNUAL	WMRS			5
TMA	419728	5415393	0.06142	380	380	0 ANNUAL	WMRS			5
TMA	419728	5415493	0.06041	381.06	381.06	0 ANNUAL	WMRS			5
TMA	419728	5415593	0.05898	383.84	383.84	0 ANNUAL	WMRS			5
TMA	419728	5415693	0.05745	386.38	386.38	0 ANNUAL	WMRS			5
TMA	419728	5415793	0.05564	389.45	389.45	0 ANNUAL	WMRS			5
TMA	419728	5415893	0.05441	390	390	0 ANNUAL	WMRS			5
TMA	419728	5415993	0.05304	391	391	0 ANNUAL	WMRS			5
TMA	419728	5416093	0.05165	392	392	0 ANNUAL	WMRS			5
TMA	419728	5416193	0.05083	391	391	0 ANNUAL	WMRS			5
TMA	419628	5413093	0.07723	380	380	0 ANNUAL	WMRS			5
TMA	419628	5413193	0.07555	380	380	0 ANNUAL	WMRS			5
TMA	419628	5413293	0.07382	380	380	0 ANNUAL	WMRS			5
TMA	419628	5413393	0.07217	380	380	0 ANNUAL	WMRS			5
TMA	419628	5413493	0.07105	378.97	378.97	0 ANNUAL	WMRS			5
TMA	419628	5413593	0.07043	377	377	0 ANNUAL	WMRS			5
TMA	419628	5413693	0.06996	375	375	0 ANNUAL	WMRS			5
TMA	419628	5413793	0.06961	372.96	372.96	0 ANNUAL	WMRS			5
TMA	419628	5413893	0.06929	371	371	0 ANNUAL	WMRS			5
TMA	419628	5413993	0.06884	370	370	0 ANNUAL	WMRS			5
TMA	419628	5414093	0.06812	371	371	0 ANNUAL	WMRS			5
TMA	419628	5414193	0.06756	371.12	371.12	0 ANNUAL	WMRS			5
TMA	419628	5414293	0.0669	372	372	0 ANNUAL	WMRS			5
TMA	419628	5414393	0.06636	372.03	372.03	0 ANNUAL	WMRS			5
TMA	419628	5414493	0.06531	375.26	375.26	0 ANNUAL	WMRS			5
TMA	419628	5414593	0.0643	377.75	377.75	0 ANNUAL	WMRS			5
TMA	419628	5414693	0.06414	375.85	375.85	0 ANNUAL	WMRS			5
TMA	419628	5414793	0.06361	375.94	375.94	0 ANNUAL	WMRS			5
TMA	419628	5414893	0.06309	376.04	376.04	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	419628	5414993	0.06242	377.11	377.11	0 ANNUAL	WMRS			5
TMA	419628	5415093	0.0616	379	379	0 ANNUAL	WMRS			5
TMA	419628	5415193	0.06084	380.49	380.49	0 ANNUAL	WMRS			5
TMA	419628	5415293	0.06004	382	382	0 ANNUAL	WMRS			5
TMA	419628	5415393	0.05917	383.57	383.57	0 ANNUAL	WMRS			5
TMA	419628	5415493	0.05819	385.26	385.26	0 ANNUAL	WMRS			5
TMA	419628	5415593	0.05713	386.93	386.93	0 ANNUAL	WMRS			5
TMA	419628	5415693	0.05609	388.07	388.07	0 ANNUAL	WMRS			5
TMA	419628	5415793	0.05501	389	389	0 ANNUAL	WMRS			5
TMA	419628	5415893	0.05416	388.71	388.71	0 ANNUAL	WMRS			5
TMA	419628	5415993	0.05286	390	390	0 ANNUAL	WMRS			5
TMA	419628	5416093	0.05157	391	391	0 ANNUAL	WMRS			5
TMA	419628	5416193	0.05053	391	391	0 ANNUAL	WMRS			5
TMA	419528	5413093	0.07529	380	380	0 ANNUAL	WMRS			5
TMA	419528	5413193	0.07387	380	380	0 ANNUAL	WMRS			5
TMA	419528	5413293	0.07225	380	380	0 ANNUAL	WMRS			5
TMA	419528	5413393	0.07061	380	380	0 ANNUAL	WMRS			5
TMA	419528	5413493	0.06906	380	380	0 ANNUAL	WMRS			5
TMA	419528	5413593	0.06823	378.23	378.23	0 ANNUAL	WMRS			5
TMA	419528	5413693	0.068	374.7	374.7	0 ANNUAL	WMRS			5
TMA	419528	5413793	0.06783	371.02	371.02	0 ANNUAL	WMRS			5
TMA	419528	5413893	0.06723	370	370	0 ANNUAL	WMRS			5
TMA	419528	5413993	0.06648	370.62	370.62	0 ANNUAL	WMRS			5
TMA	419528	5414093	0.06585	371	371	0 ANNUAL	WMRS			5
TMA	419528	5414193	0.06519	372	372	0 ANNUAL	WMRS			5
TMA	419528	5414293	0.06447	373.58	373.58	0 ANNUAL	WMRS			5
TMA	419528	5414393	0.06392	374	374	0 ANNUAL	WMRS			5
TMA	419528	5414493	0.0629	377.2	377.2	0 ANNUAL	WMRS			5
TMA	419528	5414593	0.06184	380	380	0 ANNUAL	WMRS			5
TMA	419528	5414693	0.06143	379.49	379.49	0 ANNUAL	WMRS			5
TMA	419528	5414793	0.06114	378.41	378.41	0 ANNUAL	WMRS			5
TMA	419528	5414893	0.06074	378	378	0 ANNUAL	WMRS			5
TMA	419528	5414993	0.06009	379	379	0 ANNUAL	WMRS			5
TMA	419528	5415093	0.05946	380	380	0 ANNUAL	WMRS			5
TMA	419528	5415193	0.05876	381.42	381.42	0 ANNUAL	WMRS			5
TMA	419528	5415293	0.05785	383.74	383.74	0 ANNUAL	WMRS			5
TMA	419528	5415393	0.05692	386	386	0 ANNUAL	WMRS			5
TMA	419528	5415493	0.05628	386.85	386.85	0 ANNUAL	WMRS			5
TMA	419528	5415593	0.05581	386.76	386.76	0 ANNUAL	WMRS			5
TMA	419528	5415693	0.05548	385.66	385.66	0 ANNUAL	WMRS			5
TMA	419528	5415793	0.05503	384.57	384.57	0 ANNUAL	WMRS			5
TMA	419528	5415893	0.05409	385.47	385.47	0 ANNUAL	WMRS			5
TMA	419528	5415993	0.05272	387.98	387.98	0 ANNUAL	WMRS			5
TMA	419528	5416093	0.05157	389.08	389.08	0 ANNUAL	WMRS			5
TMA	419528	5416193	0.0506	389.19	389.19	0 ANNUAL	WMRS			5
TMA	419428	5413093	0.07377	378	378	0 ANNUAL	WMRS			5
TMA	419428	5413193	0.07239	379	379	0 ANNUAL	WMRS			5
TMA	419428	5413293	0.071	379	379	0 ANNUAL	WMRS			5
TMA	419428	5413393	0.06917	380	380	0 ANNUAL	WMRS			5
TMA	419428	5413493	0.06761	380	380	0 ANNUAL	WMRS			5
TMA	419428	5413593	0.06651	378.71	378.71	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	419428	5413693	0.0663	374.4	374.4	0 ANNUAL	WMRS		5	
TMA	419428	5413793	0.06608	370.08	370.08	0 ANNUAL	WMRS		5	
TMA	419428	5413893	0.06521	370	370	0 ANNUAL	WMRS		5	
TMA	419428	5413993	0.06432	371	371	0 ANNUAL	WMRS		5	
TMA	419428	5414093	0.06357	372	372	0 ANNUAL	WMRS		5	
TMA	419428	5414193	0.06288	373.19	373.19	0 ANNUAL	WMRS		5	
TMA	419428	5414293	0.06219	374.78	374.78	0 ANNUAL	WMRS		5	
TMA	419428	5414393	0.06172	375	375	0 ANNUAL	WMRS		5	
TMA	419428	5414493	0.06096	377	377	0 ANNUAL	WMRS		5	
TMA	419428	5414593	0.06015	379	379	0 ANNUAL	WMRS		5	
TMA	419428	5414693	0.05951	379.79	379.79	0 ANNUAL	WMRS		5	
TMA	419428	5414793	0.05917	379	379	0 ANNUAL	WMRS		5	
TMA	419428	5414893	0.05866	379.13	379.13	0 ANNUAL	WMRS		5	
TMA	419428	5414993	0.05804	380	380	0 ANNUAL	WMRS		5	
TMA	419428	5415093	0.05741	381.01	381.01	0 ANNUAL	WMRS		5	
TMA	419428	5415193	0.05655	383.15	383.15	0 ANNUAL	WMRS		5	
TMA	419428	5415293	0.05576	385	385	0 ANNUAL	WMRS		5	
TMA	419428	5415393	0.05542	385	385	0 ANNUAL	WMRS		5	
TMA	419428	5415493	0.05534	383.78	383.78	0 ANNUAL	WMRS		5	
TMA	419428	5415593	0.0551	383	383	0 ANNUAL	WMRS		5	
TMA	419428	5415693	0.05481	382.01	382.01	0 ANNUAL	WMRS		5	
TMA	419428	5415793	0.05443	381	381	0 ANNUAL	WMRS		5	
TMA	419428	5415893	0.05373	381.54	381.54	0 ANNUAL	WMRS		5	
TMA	419428	5415993	0.05253	384.75	384.75	0 ANNUAL	WMRS		5	
TMA	419428	5416093	0.05135	387	387	0 ANNUAL	WMRS		5	
TMA	419428	5416193	0.05018	388.7	388.7	0 ANNUAL	WMRS		5	
TMA	419328	5413093	0.07176	377	377	0 ANNUAL	WMRS		5	
TMA	419328	5413193	0.07053	378.95	378.95	0 ANNUAL	WMRS		5	
TMA	419328	5413293	0.06915	380	380	0 ANNUAL	WMRS		5	
TMA	419328	5413393	0.06751	381	381	0 ANNUAL	WMRS		5	
TMA	419328	5413493	0.06629	380	380	0 ANNUAL	WMRS		5	
TMA	419328	5413593	0.0657	376.33	376.33	0 ANNUAL	WMRS		5	
TMA	419328	5413693	0.06517	372.21	372.21	0 ANNUAL	WMRS		5	
TMA	419328	5413793	0.06439	370	370	0 ANNUAL	WMRS		5	
TMA	419328	5413893	0.06341	370	370	0 ANNUAL	WMRS		5	
TMA	419328	5413993	0.06242	371	371	0 ANNUAL	WMRS		5	
TMA	419328	5414093	0.06147	372.81	372.81	0 ANNUAL	WMRS		5	
TMA	419328	5414193	0.06075	374	374	0 ANNUAL	WMRS		5	
TMA	419328	5414293	0.06015	375.05	375.05	0 ANNUAL	WMRS		5	
TMA	419328	5414393	0.0596	376	376	0 ANNUAL	WMRS		5	
TMA	419328	5414493	0.05921	376	376	0 ANNUAL	WMRS		5	
TMA	419328	5414593	0.05849	378	378	0 ANNUAL	WMRS		5	
TMA	419328	5414693	0.05788	379	379	0 ANNUAL	WMRS		5	
TMA	419328	5414793	0.05725	380	380	0 ANNUAL	WMRS		5	
TMA	419328	5414893	0.05674	380.23	380.23	0 ANNUAL	WMRS		5	
TMA	419328	5414993	0.05603	381.51	381.51	0 ANNUAL	WMRS		5	
TMA	419328	5415093	0.05527	383	383	0 ANNUAL	WMRS		5	
TMA	419328	5415193	0.05464	384	384	0 ANNUAL	WMRS		5	
TMA	419328	5415293	0.05428	383.97	383.97	0 ANNUAL	WMRS		5	
TMA	419328	5415393	0.05434	382.06	382.06	0 ANNUAL	WMRS		5	
TMA	419328	5415493	0.0542	381	381	0 ANNUAL	WMRS		5	



Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	419328	5415593	0.05402	380	380	0 ANNUAL	WMRS			5
TMA	419328	5415693	0.05369	379.62	379.62	0 ANNUAL	WMRS			5
TMA	419328	5415793	0.05326	379.62	379.62	0 ANNUAL	WMRS			5
TMA	419328	5415893	0.05243	382.14	382.14	0 ANNUAL	WMRS			5
TMA	419328	5415993	0.05115	386.55	386.55	0 ANNUAL	WMRS			5
TMA	419328	5416093	0.05007	389	389	0 ANNUAL	WMRS			5
TMA	419328	5416193	0.04921	390	390	0 ANNUAL	WMRS			5
TMA	419228	5413093	0.06928	377.57	377.57	0 ANNUAL	WMRS			5
TMA	419228	5413193	0.06851	379	379	0 ANNUAL	WMRS			5
TMA	419228	5413293	0.06747	380	380	0 ANNUAL	WMRS			5
TMA	419228	5413393	0.06635	380	380	0 ANNUAL	WMRS			5
TMA	419228	5413493	0.06565	377.16	377.16	0 ANNUAL	WMRS			5
TMA	419228	5413593	0.06501	372.84	372.84	0 ANNUAL	WMRS			5
TMA	419228	5413693	0.0641	369.96	369.96	0 ANNUAL	WMRS			5
TMA	419228	5413793	0.06303	369	369	0 ANNUAL	WMRS			5
TMA	419228	5413893	0.06196	369	369	0 ANNUAL	WMRS			5
TMA	419228	5413993	0.06079	370.64	370.64	0 ANNUAL	WMRS			5
TMA	419228	5414093	0.05959	373.35	373.35	0 ANNUAL	WMRS			5
TMA	419228	5414193	0.05862	375.59	375.59	0 ANNUAL	WMRS			5
TMA	419228	5414293	0.05805	376.25	376.25	0 ANNUAL	WMRS			5
TMA	419228	5414393	0.05755	377	377	0 ANNUAL	WMRS			5
TMA	419228	5414493	0.05707	377.84	377.84	0 ANNUAL	WMRS			5
TMA	419228	5414593	0.05654	378.96	378.96	0 ANNUAL	WMRS			5
TMA	419228	5414693	0.056	380	380	0 ANNUAL	WMRS			5
TMA	419228	5414793	0.05542	380.97	380.97	0 ANNUAL	WMRS			5
TMA	419228	5414893	0.0548	382	382	0 ANNUAL	WMRS			5
TMA	419228	5414993	0.05421	382.73	382.73	0 ANNUAL	WMRS			5
TMA	419228	5415093	0.05371	383	383	0 ANNUAL	WMRS			5
TMA	419228	5415193	0.0533	382.88	382.88	0 ANNUAL	WMRS			5
TMA	419228	5415293	0.05315	381.67	381.67	0 ANNUAL	WMRS			5
TMA	419228	5415393	0.05291	381	381	0 ANNUAL	WMRS			5
TMA	419228	5415493	0.05275	380	380	0 ANNUAL	WMRS			5
TMA	419228	5415593	0.05242	380	380	0 ANNUAL	WMRS			5
TMA	419228	5415693	0.05225	379	379	0 ANNUAL	WMRS			5
TMA	419228	5415793	0.05176	380	380	0 ANNUAL	WMRS			5
TMA	419228	5415893	0.05098	382.83	382.83	0 ANNUAL	WMRS			5
TMA	419228	5415993	0.0497	387.77	387.77	0 ANNUAL	WMRS			5
TMA	419228	5416093	0.04901	389.06	389.06	0 ANNUAL	WMRS			5
TMA	419228	5416193	0.04832	390	390	0 ANNUAL	WMRS			5
TMA	419128	5413093	0.06695	377	377	0 ANNUAL	WMRS			5
TMA	419128	5413193	0.06665	377.7	377.7	0 ANNUAL	WMRS			5
TMA	419128	5413293	0.06613	377.75	377.75	0 ANNUAL	WMRS			5
TMA	419128	5413393	0.06551	376.54	376.54	0 ANNUAL	WMRS			5
TMA	419128	5413493	0.0649	373.22	373.22	0 ANNUAL	WMRS			5
TMA	419128	5413593	0.06404	369.9	369.9	0 ANNUAL	WMRS			5
TMA	419128	5413693	0.06288	369	369	0 ANNUAL	WMRS			5
TMA	419128	5413793	0.06175	368.28	368.28	0 ANNUAL	WMRS			5
TMA	419128	5413893	0.06038	370.05	370.05	0 ANNUAL	WMRS			5
TMA	419128	5413993	0.05868	374.28	374.28	0 ANNUAL	WMRS			5
TMA	419128	5414093	0.05718	377.69	377.69	0 ANNUAL	WMRS			5
TMA	419128	5414193	0.05626	379	379	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	419128	5414293	0.05583	378.74	378.74	0	ANNUAL	WMRS		5
TMA	419128	5414393	0.05559	378	378	0	ANNUAL	WMRS		5
TMA	419128	5414493	0.0551	379	379	0	ANNUAL	WMRS		5
TMA	419128	5414593	0.05463	380	380	0	ANNUAL	WMRS		5
TMA	419128	5414693	0.05427	380.34	380.34	0	ANNUAL	WMRS		5
TMA	419128	5414793	0.05382	381	381	0	ANNUAL	WMRS		5
TMA	419128	5414893	0.0534	381.23	381.23	0	ANNUAL	WMRS		5
TMA	419128	5414993	0.05303	381	381	0	ANNUAL	WMRS		5
TMA	419128	5415093	0.05261	381	381	0	ANNUAL	WMRS		5
TMA	419128	5415193	0.05218	381	381	0	ANNUAL	WMRS		5
TMA	419128	5415293	0.05186	380.44	380.44	0	ANNUAL	WMRS		5
TMA	419128	5415393	0.05155	380	380	0	ANNUAL	WMRS		5
TMA	419128	5415493	0.0512	380	380	0	ANNUAL	WMRS		5
TMA	419128	5415593	0.05088	380	380	0	ANNUAL	WMRS		5
TMA	419128	5415693	0.05086	378	378	0	ANNUAL	WMRS		5
TMA	419128	5415793	0.0505	378.43	378.43	0	ANNUAL	WMRS		5
TMA	419128	5415893	0.04978	381.39	381.39	0	ANNUAL	WMRS		5
TMA	419128	5415993	0.04911	383.76	383.76	0	ANNUAL	WMRS		5
TMA	419128	5416093	0.04858	384.98	384.98	0	ANNUAL	WMRS		5
TMA	419128	5416193	0.04835	384	384	0	ANNUAL	WMRS		5
TMA	419128	5416393	0.04763	381.62	391	0	ANNUAL	WMRS		5
TMA	419128	5416593	0.04683	376.62	376.62	0	ANNUAL	WMRS		5
TMA	419128	5416793	0.04555	373.32	373.32	0	ANNUAL	WMRS		5
TMA	419128	5416993	0.04416	370	370	0	ANNUAL	WMRS		5
TMA	419128	5417193	0.04264	370	370	0	ANNUAL	WMRS		5
TMA	419128	5417393	0.04104	372	372	0	ANNUAL	WMRS		5
TMA	419128	5417593	0.0396	373	373	0	ANNUAL	WMRS		5
TMA	419128	5417793	0.03856	371	371	0	ANNUAL	WMRS		5
TMA	419128	5417993	0.0379	366.05	366.05	0	ANNUAL	WMRS		5
TMA	419128	5418193	0.0367	370	370	0	ANNUAL	WMRS		5
TMA	419128	5418393	0.03595	369.68	369.68	0	ANNUAL	WMRS		5
TMA	419128	5418593	0.03568	362.04	362.04	0	ANNUAL	WMRS		5
TMA	419128	5418793	0.03491	363	363	0	ANNUAL	WMRS		5
TMA	419128	5418993	0.03424	363	363	0	ANNUAL	WMRS		5
TMA	419128	5419193	0.0336	362	362	0	ANNUAL	WMRS		5
TMA	419328	5416393	0.04774	389.8	389.8	0	ANNUAL	WMRS		5
TMA	419328	5416593	0.04766	379	379	0	ANNUAL	WMRS		5
TMA	419328	5416793	0.04625	375	375	0	ANNUAL	WMRS		5
TMA	419328	5416993	0.04479	372	372	0	ANNUAL	WMRS		5
TMA	419328	5417193	0.04308	373.69	373.69	0	ANNUAL	WMRS		5
TMA	419328	5417393	0.04145	375.97	375.97	0	ANNUAL	WMRS		5
TMA	419328	5417593	0.04035	375	375	0	ANNUAL	WMRS		5
TMA	419328	5417793	0.03975	370.19	370.19	0	ANNUAL	WMRS		5
TMA	419328	5417993	0.03905	367.5	367.5	0	ANNUAL	WMRS		5
TMA	419328	5418193	0.03809	370	370	0	ANNUAL	WMRS		5
TMA	419328	5418393	0.03744	368.56	368.56	0	ANNUAL	WMRS		5
TMA	419328	5418593	0.03685	364.82	364.82	0	ANNUAL	WMRS		5
TMA	419328	5418793	0.03612	365	365	0	ANNUAL	WMRS		5
TMA	419328	5418993	0.03538	365	365	0	ANNUAL	WMRS		5
TMA	419328	5419193	0.03462	364	364	0	ANNUAL	WMRS		5
TMA	419528	5416393	0.04908	387	387	0	ANNUAL	WMRS		5

Discrete Recei	X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	419528	5416593	0.04796	382.03	382.03	0	ANNUAL	WMRS		5	
TMA	419528	5416793	0.0464	380	380	0	ANNUAL	WMRS		5	
TMA	419528	5416993	0.04544	374.51	374.51	0	ANNUAL	WMRS		5	
TMA	419528	5417193	0.04347	379.24	379.24	0	ANNUAL	WMRS		5	
TMA	419528	5417393	0.04221	380	380	0	ANNUAL	WMRS		5	
TMA	419528	5417593	0.04149	378	378	0	ANNUAL	WMRS		5	
TMA	419528	5417793	0.04104	373.78	373.78	0	ANNUAL	WMRS		5	
TMA	419528	5417993	0.0405	369.84	369.84	0	ANNUAL	WMRS		5	
TMA	419528	5418193	0.0397	370	370	0	ANNUAL	WMRS		5	
TMA	419528	5418393	0.03892	370	370	0	ANNUAL	WMRS		5	
TMA	419528	5418593	0.03815	366.98	366.98	0	ANNUAL	WMRS		5	
TMA	419528	5418793	0.03729	367	367	0	ANNUAL	WMRS		5	
TMA	419528	5418993	0.03641	368	368	0	ANNUAL	WMRS		5	
TMA	419528	5419193	0.03549	367	367	0	ANNUAL	WMRS		5	
TMA	419728	5416393	0.05101	379.91	390	0	ANNUAL	WMRS		5	
TMA	419728	5416593	0.04911	380	380	0	ANNUAL	WMRS		5	
TMA	419728	5416793	0.04747	380	380	0	ANNUAL	WMRS		5	
TMA	419728	5416993	0.04611	380	380	0	ANNUAL	WMRS		5	
TMA	419728	5417193	0.04545	376.34	376.34	0	ANNUAL	WMRS		5	
TMA	419728	5417393	0.04406	380	380	0	ANNUAL	WMRS		5	
TMA	419728	5417593	0.04335	379	379	0	ANNUAL	WMRS		5	
TMA	419728	5417793	0.04279	376	376	0	ANNUAL	WMRS		5	
TMA	419728	5417993	0.04194	376.16	376.16	0	ANNUAL	WMRS		5	
TMA	419728	5418193	0.04121	371.96	371.96	0	ANNUAL	WMRS		5	
TMA	419728	5418393	0.04027	370	370	0	ANNUAL	WMRS		5	
TMA	419728	5418593	0.03925	370	370	0	ANNUAL	WMRS		5	
TMA	419728	5418793	0.0382	369	369	0	ANNUAL	WMRS		5	
TMA	419728	5418993	0.03711	370	370	0	ANNUAL	WMRS		5	
TMA	419728	5419193	0.03602	369.35	369.35	0	ANNUAL	WMRS		5	
TMA	419928	5416393	0.05242	379	379	0	ANNUAL	WMRS		5	
TMA	419928	5416593	0.0508	379	379	0	ANNUAL	WMRS		5	
TMA	419928	5416793	0.04931	380	380	0	ANNUAL	WMRS		5	
TMA	419928	5416993	0.0482	380	380	0	ANNUAL	WMRS		5	
TMA	419928	5417193	0.04733	379.01	379.01	0	ANNUAL	WMRS		5	
TMA	419928	5417393	0.04598	382.65	382.65	0	ANNUAL	WMRS		5	
TMA	419928	5417593	0.04504	383	383	0	ANNUAL	WMRS		5	
TMA	419928	5417793	0.04427	381	381	0	ANNUAL	WMRS		5	
TMA	419928	5417993	0.04327	380	380	0	ANNUAL	WMRS		5	
TMA	419928	5418193	0.04233	375.81	375.81	0	ANNUAL	WMRS		5	
TMA	419928	5418393	0.04122	371	371	0	ANNUAL	WMRS		5	
TMA	419928	5418593	0.03995	372	372	0	ANNUAL	WMRS		5	
TMA	419928	5418793	0.03868	371.94	371.94	0	ANNUAL	WMRS		5	
TMA	419928	5418993	0.03736	374	374	0	ANNUAL	WMRS		5	
TMA	419928	5419193	0.03621	371.55	371.55	0	ANNUAL	WMRS		5	
TMA	420128	5416393	0.05448	379	391	0	ANNUAL	WMRS		5	
TMA	420128	5416593	0.05294	380.31	380.31	0	ANNUAL	WMRS		5	
TMA	420128	5416793	0.05169	380.79	380.79	0	ANNUAL	WMRS		5	
TMA	420128	5416993	0.05046	381.72	381.72	0	ANNUAL	WMRS		5	
TMA	420128	5417193	0.04904	384.07	384.07	0	ANNUAL	WMRS		5	
TMA	420128	5417393	0.04743	387.27	387.27	0	ANNUAL	WMRS		5	
TMA	420128	5417593	0.04578	390	390	0	ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	420128	5417793	0.04448	390	390	0 ANNUAL	WMRS			5
TMA	420128	5417993	0.0432	389.32	389.32	0 ANNUAL	WMRS			5
TMA	420128	5418193	0.04298	376.69	376.69	0 ANNUAL	WMRS			5
TMA	420128	5418393	0.04154	376	376	0 ANNUAL	WMRS			5
TMA	420128	5418593	0.03996	378.22	378.22	0 ANNUAL	WMRS			5
TMA	420128	5418793	0.03857	378	378	0 ANNUAL	WMRS			5
TMA	420128	5418993	0.03741	375	375	0 ANNUAL	WMRS			5
TMA	420128	5419193	0.03637	370.18	370.18	0 ANNUAL	WMRS			5
TMA	420328	5416393	0.0537	394.11	394.11	0 ANNUAL	WMRS			5
TMA	420328	5416593	0.054	388.83	402	0 ANNUAL	WMRS			5
TMA	420328	5416793	0.0526	390	390	0 ANNUAL	WMRS			5
TMA	420328	5416993	0.0519	387	387	0 ANNUAL	WMRS			5
TMA	420328	5417193	0.04983	390.17	390.17	0 ANNUAL	WMRS			5
TMA	420328	5417393	0.048	391.55	391.55	0 ANNUAL	WMRS			5
TMA	420328	5417593	0.04474	398.53	398.53	0 ANNUAL	WMRS			5
TMA	420328	5417793	0.04499	389.83	395	0 ANNUAL	WMRS			5
TMA	420328	5417993	0.0444	382.29	382.29	0 ANNUAL	WMRS			5
TMA	420328	5418193	0.04305	379	379	0 ANNUAL	WMRS			5
TMA	420328	5418393	0.04137	380	380	0 ANNUAL	WMRS			5
TMA	420328	5418593	0.03971	381.41	389	0 ANNUAL	WMRS			5
TMA	420328	5418793	0.03855	378.66	378.66	0 ANNUAL	WMRS			5
TMA	420328	5418993	0.03754	374.03	374.03	0 ANNUAL	WMRS			5
TMA	420328	5419193	0.0365	370	370	0 ANNUAL	WMRS			5
TMA	420528	5416393	0.0544	400	400	0 ANNUAL	WMRS			5
TMA	420528	5416593	0.05359	398.52	398.52	0 ANNUAL	WMRS			5
TMA	420528	5416793	0.05345	394.09	394.09	0 ANNUAL	WMRS			5
TMA	420528	5416993	0.05269	390	390	0 ANNUAL	WMRS			5
TMA	420528	5417193	0.04853	398.39	398.39	0 ANNUAL	WMRS			5
TMA	420528	5417393	0.04651	399	399	0 ANNUAL	WMRS			5
TMA	420528	5417593	0.04601	394	394	0 ANNUAL	WMRS			5
TMA	420528	5417793	0.04527	388.71	388.71	0 ANNUAL	WMRS			5
TMA	420528	5417993	0.04422	384.08	384.08	0 ANNUAL	WMRS			5
TMA	420528	5418193	0.0427	382.79	382.79	0 ANNUAL	WMRS			5
TMA	420528	5418393	0.04071	386	386	0 ANNUAL	WMRS			5
TMA	420528	5418593	0.03883	389	389	0 ANNUAL	WMRS			5
TMA	420528	5418793	0.03829	382.54	382.54	0 ANNUAL	WMRS			5
TMA	420528	5418993	0.03741	377.9	377.9	0 ANNUAL	WMRS			5
TMA	420528	5419193	0.03666	370	370	0 ANNUAL	WMRS			5
TMA	420728	5416393	0.05634	399.94	399.94	0 ANNUAL	WMRS			5
TMA	420728	5416593	0.05033	408.61	408.61	0 ANNUAL	WMRS			5
TMA	420728	5416793	0.05057	403.72	407	0 ANNUAL	WMRS			5
TMA	420728	5416993	0.0501	400	400	0 ANNUAL	WMRS			5
TMA	420728	5417193	0.04805	400	400	0 ANNUAL	WMRS			5
TMA	420728	5417393	0.0461	400	400	0 ANNUAL	WMRS			5
TMA	420728	5417593	0.04556	395.45	395.45	0 ANNUAL	WMRS			5
TMA	420728	5417793	0.04489	390.59	390.59	0 ANNUAL	WMRS			5
TMA	420728	5417993	0.04398	386.08	386.08	0 ANNUAL	WMRS			5
TMA	420728	5418193	0.04222	386.97	386.97	0 ANNUAL	WMRS			5
TMA	420728	5418393	0.0404	389	389	0 ANNUAL	WMRS			5
TMA	420728	5418593	0.03893	389.52	389.52	0 ANNUAL	WMRS			5
TMA	420728	5418793	0.0379	387.61	387.61	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	420728	5418993	0.03746	379.78	379.78	0 ANNUAL	WMRS			5
TMA	420728	5419193	0.03684	370	370	0 ANNUAL	WMRS			5
TMA	420928	5416393	0.05987	393.03	393.03	0 ANNUAL	WMRS			5
TMA	420928	5416593	0.05188	405.33	411	0 ANNUAL	WMRS			5
TMA	420928	5416793	0.04726	410.89	410.89	0 ANNUAL	WMRS			5
TMA	420928	5416993	0.05001	400	400	0 ANNUAL	WMRS			5
TMA	420928	5417193	0.04864	398	398	0 ANNUAL	WMRS			5
TMA	420928	5417393	0.04638	399	399	0 ANNUAL	WMRS			5
TMA	420928	5417593	0.04403	400.9	400.9	0 ANNUAL	WMRS			5
TMA	420928	5417793	0.04285	399.46	399.46	0 ANNUAL	WMRS			5
TMA	420928	5417993	0.04366	389.18	389.18	0 ANNUAL	WMRS			5
TMA	420928	5418193	0.04226	388.2	388.2	0 ANNUAL	WMRS			5
TMA	420928	5418393	0.04081	388	388	0 ANNUAL	WMRS			5
TMA	420928	5418593	0.03941	388	388	0 ANNUAL	WMRS			5
TMA	420928	5418793	0.03875	382.29	382.29	0 ANNUAL	WMRS			5
TMA	420928	5418993	0.03789	377	377	0 ANNUAL	WMRS			5
TMA	420928	5419193	0.03671	375.98	375.98	0 ANNUAL	WMRS			5
TMA	421128	5416393	0.05714	399.78	399.78	0 ANNUAL	WMRS			5
TMA	421128	5416593	0.05495	399	399	0 ANNUAL	WMRS			5
TMA	421128	5416793	0.05219	400	400	0 ANNUAL	WMRS			5
TMA	421128	5416993	0.05117	396.98	396.98	0 ANNUAL	WMRS			5
TMA	421128	5417193	0.04976	394.98	394.98	0 ANNUAL	WMRS			5
TMA	421128	5417393	0.04723	397	397	0 ANNUAL	WMRS			5
TMA	421128	5417593	0.04478	399.35	399.35	0 ANNUAL	WMRS			5
TMA	421128	5417793	0.04411	395.88	395.88	0 ANNUAL	WMRS			5
TMA	421128	5417993	0.04366	390.72	390.72	0 ANNUAL	WMRS			5
TMA	421128	5418193	0.04259	387.91	387.91	0 ANNUAL	WMRS			5
TMA	421128	5418393	0.04162	384	384	0 ANNUAL	WMRS			5
TMA	421128	5418593	0.04005	385	385	0 ANNUAL	WMRS			5
TMA	421128	5418793	0.03889	383.17	383.17	0 ANNUAL	WMRS			5
TMA	421128	5418993	0.03791	379.7	379.7	0 ANNUAL	WMRS			5
TMA	421128	5419193	0.03664	380	380	0 ANNUAL	WMRS			5
TMA	421328	5416393	0.05711	400	400	0 ANNUAL	WMRS			5
TMA	421328	5416593	0.05467	400	400	0 ANNUAL	WMRS			5
TMA	421328	5416793	0.05363	397	397	0 ANNUAL	WMRS			5
TMA	421328	5416993	0.05248	394	394	0 ANNUAL	WMRS			5
TMA	421328	5417193	0.0512	391.11	391.11	0 ANNUAL	WMRS			5
TMA	421328	5417393	0.04897	392	392	0 ANNUAL	WMRS			5
TMA	421328	5417593	0.04728	391.25	391.25	0 ANNUAL	WMRS			5
TMA	421328	5417793	0.04588	389.44	389.44	0 ANNUAL	WMRS			5
TMA	421328	5417993	0.04482	385.84	385.84	0 ANNUAL	WMRS			5
TMA	421328	5418193	0.04371	381.99	381.99	0 ANNUAL	WMRS			5
TMA	421328	5418393	0.04247	379	379	0 ANNUAL	WMRS			5
TMA	421328	5418593	0.04097	379.18	379.18	0 ANNUAL	WMRS			5
TMA	421328	5418793	0.0394	381	381	0 ANNUAL	WMRS			5
TMA	421328	5418993	0.03819	380	380	0 ANNUAL	WMRS			5
TMA	421328	5419193	0.03696	380	380	0 ANNUAL	WMRS			5
TMA	421528	5416393	0.05745	400	400	0 ANNUAL	WMRS			5
TMA	421528	5416593	0.05506	400	400	0 ANNUAL	WMRS			5
TMA	421528	5416793	0.05393	397.27	397.27	0 ANNUAL	WMRS			5
TMA	421528	5416993	0.05288	394	394	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	421528	5417193	0.05188	390	390	0 ANNUAL	WMRS			5
TMA	421528	5417393	0.0503	388	388	0 ANNUAL	WMRS			5
TMA	421528	5417593	0.04872	386.15	386.15	0 ANNUAL	WMRS			5
TMA	421528	5417793	0.04708	385	385	0 ANNUAL	WMRS			5
TMA	421528	5417993	0.04568	382.74	382.74	0 ANNUAL	WMRS			5
TMA	421528	5418193	0.04439	379.83	379.83	0 ANNUAL	WMRS			5
TMA	421528	5418393	0.04319	376.17	376.17	0 ANNUAL	WMRS			5
TMA	421528	5418593	0.04172	376	376	0 ANNUAL	WMRS			5
TMA	421528	5418793	0.04017	378.02	378.02	0 ANNUAL	WMRS			5
TMA	421528	5418993	0.03887	378	378	0 ANNUAL	WMRS			5
TMA	421528	5419193	0.03748	380	380	0 ANNUAL	WMRS			5
TMA	421728	5416393	0.06042	394.58	394.58	0 ANNUAL	WMRS			5
TMA	421728	5416593	0.05643	398	398	0 ANNUAL	WMRS			5
TMA	421728	5416793	0.05377	398.9	398.9	0 ANNUAL	WMRS			5
TMA	421728	5416993	0.05122	400	400	0 ANNUAL	WMRS			5
TMA	421728	5417193	0.05091	395.23	395.23	0 ANNUAL	WMRS			5
TMA	421728	5417393	0.05071	388.37	410	0 ANNUAL	WMRS			5
TMA	421728	5417593	0.04934	386	386	0 ANNUAL	WMRS			5
TMA	421728	5417793	0.04802	382.99	382.99	0 ANNUAL	WMRS			5
TMA	421728	5417993	0.04669	380	380	0 ANNUAL	WMRS			5
TMA	421728	5418193	0.04536	377	377	0 ANNUAL	WMRS			5
TMA	421728	5418393	0.04351	379.94	379.94	0 ANNUAL	WMRS			5
TMA	421728	5418593	0.04233	377.01	377.01	0 ANNUAL	WMRS			5
TMA	421728	5418793	0.04123	373	373	0 ANNUAL	WMRS			5
TMA	421728	5418993	0.03969	376.17	376.17	0 ANNUAL	WMRS			5
TMA	421728	5419193	0.03835	377.53	377.53	0 ANNUAL	WMRS			5
TMA	421928	5416393	0.06199	392.6	392.6	0 ANNUAL	WMRS			5
TMA	421928	5416593	0.05843	395	395	0 ANNUAL	WMRS			5
TMA	421928	5416793	0.05529	397	397	0 ANNUAL	WMRS			5
TMA	421928	5416993	0.05237	399	399	0 ANNUAL	WMRS			5
TMA	421928	5417193	0.04622	409.1	409.1	0 ANNUAL	WMRS			5
TMA	421928	5417393	0.04427	410	410	0 ANNUAL	WMRS			5
TMA	421928	5417593	0.04854	393	411	0 ANNUAL	WMRS			5
TMA	421928	5417793	0.04877	384	384	0 ANNUAL	WMRS			5
TMA	421928	5417993	0.04749	380.75	380.75	0 ANNUAL	WMRS			5
TMA	421928	5418193	0.04606	378.7	378.7	0 ANNUAL	WMRS			5
TMA	421928	5418393	0.04424	381	381	0 ANNUAL	WMRS			5
TMA	421928	5418593	0.04265	382	382	0 ANNUAL	WMRS			5
TMA	421928	5418793	0.04193	373.64	373.64	0 ANNUAL	WMRS			5
TMA	421928	5418993	0.0407	371.04	371.04	0 ANNUAL	WMRS			5
TMA	421928	5419193	0.03941	370.75	370.75	0 ANNUAL	WMRS			5
TMA	422128	5416393	0.06257	394	394	0 ANNUAL	WMRS			5
TMA	422128	5416593	0.05955	395.06	395.06	0 ANNUAL	WMRS			5
TMA	422128	5416793	0.05681	396	396	0 ANNUAL	WMRS			5
TMA	422128	5416993	0.05346	399	399	0 ANNUAL	WMRS			5
TMA	422128	5417193	0.04775	407.86	407.86	0 ANNUAL	WMRS			5
TMA	422128	5417393	0.04693	406.01	406.01	0 ANNUAL	WMRS			5
TMA	422128	5417593	0.04848	397.06	399	0 ANNUAL	WMRS			5
TMA	422128	5417793	0.04993	383	383	0 ANNUAL	WMRS			5
TMA	422128	5417993	0.04838	381.1	381.1	0 ANNUAL	WMRS			5
TMA	422128	5418193	0.04678	380	380	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	422128	5418393	0.04514	380	380	0 ANNUAL	WMRS			5
TMA	422128	5418593	0.04359	380	380	0 ANNUAL	WMRS			5
TMA	422128	5418793	0.04228	378	378	0 ANNUAL	WMRS			5
TMA	422128	5418993	0.04108	375	375	0 ANNUAL	WMRS			5
TMA	422128	5419193	0.03988	372	372	0 ANNUAL	WMRS			5
TMA	422328	5416393	0.06213	397.94	397.94	0 ANNUAL	WMRS			5
TMA	422328	5416593	0.05862	400	400	0 ANNUAL	WMRS			5
TMA	422328	5416793	0.05721	398	398	0 ANNUAL	WMRS			5
TMA	422328	5416993	0.05423	399.85	399.85	0 ANNUAL	WMRS			5
TMA	422328	5417193	0.05213	400	400	0 ANNUAL	WMRS			5
TMA	422328	5417393	0.04809	404.9	410	0 ANNUAL	WMRS			5
TMA	422328	5417593	0.05105	390.69	410	0 ANNUAL	WMRS			5
TMA	422328	5417793	0.05061	383.61	383.61	0 ANNUAL	WMRS			5
TMA	422328	5417993	0.04908	381	381	0 ANNUAL	WMRS			5
TMA	422328	5418193	0.04739	380	380	0 ANNUAL	WMRS			5
TMA	422328	5418393	0.04567	380	380	0 ANNUAL	WMRS			5
TMA	422328	5418593	0.04405	380	380	0 ANNUAL	WMRS			5
TMA	422328	5418793	0.04256	379.44	379.44	0 ANNUAL	WMRS			5
TMA	422328	5418993	0.04138	375.81	375.81	0 ANNUAL	WMRS			5
TMA	422328	5419193	0.04025	371.17	371.17	0 ANNUAL	WMRS			5
TMA	422528	5416393	0.06319	398.06	398.06	0 ANNUAL	WMRS			5
TMA	422528	5416593	0.05788	403.25	403.25	0 ANNUAL	WMRS			5
TMA	422528	5416793	0.05664	401.07	401.07	0 ANNUAL	WMRS			5
TMA	422528	5416993	0.05352	403	403	0 ANNUAL	WMRS			5
TMA	422528	5417193	0.05318	398.82	398.82	0 ANNUAL	WMRS			5
TMA	422528	5417393	0.053	393.16	393.16	0 ANNUAL	WMRS			5
TMA	422528	5417593	0.05223	388	388	0 ANNUAL	WMRS			5
TMA	422528	5417793	0.04976	390	390	0 ANNUAL	WMRS			5
TMA	422528	5417993	0.04957	380	380	0 ANNUAL	WMRS			5
TMA	422528	5418193	0.04769	380	380	0 ANNUAL	WMRS			5
TMA	422528	5418393	0.04592	380	380	0 ANNUAL	WMRS			5
TMA	422528	5418593	0.04425	380	380	0 ANNUAL	WMRS			5
TMA	422528	5418793	0.04301	376.32	376.32	0 ANNUAL	WMRS			5
TMA	422528	5418993	0.04169	373.94	373.94	0 ANNUAL	WMRS			5
TMA	422528	5419193	0.04049	370.17	370.17	0 ANNUAL	WMRS			5
TMA	422728	5416393	0.0634	398.18	411	0 ANNUAL	WMRS			5
TMA	422728	5416593	0.05532	408.5	408.5	0 ANNUAL	WMRS			5
TMA	422728	5416793	0.05582	403.45	403.45	0 ANNUAL	WMRS			5
TMA	422728	5416993	0.05081	409	409	0 ANNUAL	WMRS			5
TMA	422728	5417193	0.0484	410	410	0 ANNUAL	WMRS			5
TMA	422728	5417393	0.05021	401.29	407	0 ANNUAL	WMRS			5
TMA	422728	5417593	0.05219	389.01	389.01	0 ANNUAL	WMRS			5
TMA	422728	5417793	0.05133	383	383	0 ANNUAL	WMRS			5
TMA	422728	5417993	0.0499	379	379	0 ANNUAL	WMRS			5
TMA	422728	5418193	0.04786	380	380	0 ANNUAL	WMRS			5
TMA	422728	5418393	0.04607	380	380	0 ANNUAL	WMRS			5
TMA	422728	5418593	0.04457	378.4	378.4	0 ANNUAL	WMRS			5
TMA	422728	5418793	0.0432	376	376	0 ANNUAL	WMRS			5
TMA	422728	5418993	0.04199	372	372	0 ANNUAL	WMRS			5
TMA	422728	5419193	0.04061	371	371	0 ANNUAL	WMRS			5
TMA	422928	5416393	0.06532	396	396	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	422928	5416593	0.06149	397.97	397.97	0 ANNUAL	WMRS			5
TMA	422928	5416793	0.05814	399.57	399.57	0 ANNUAL	WMRS			5
TMA	422928	5416993	0.05016	411	411	0 ANNUAL	WMRS			5
TMA	422928	5417193	0.04867	410.25	410.25	0 ANNUAL	WMRS			5
TMA	422928	5417393	0.05084	401.05	401.05	0 ANNUAL	WMRS			5
TMA	422928	5417593	0.05269	388.47	388.47	0 ANNUAL	WMRS			5
TMA	422928	5417793	0.05152	384	384	0 ANNUAL	WMRS			5
TMA	422928	5417993	0.05032	378.62	378.62	0 ANNUAL	WMRS			5
TMA	422928	5418193	0.04846	378	378	0 ANNUAL	WMRS			5
TMA	422928	5418393	0.04643	380	380	0 ANNUAL	WMRS			5
TMA	422928	5418593	0.04485	379	379	0 ANNUAL	WMRS			5
TMA	422928	5418793	0.04331	378.45	378.45	0 ANNUAL	WMRS			5
TMA	422928	5418993	0.04191	377.26	377.26	0 ANNUAL	WMRS			5
TMA	422928	5419193	0.04057	376.08	376.08	0 ANNUAL	WMRS			5
TMA	423128	5416393	0.06423	400	400	0 ANNUAL	WMRS			5
TMA	423128	5416593	0.06149	399.94	399.94	0 ANNUAL	WMRS			5
TMA	423128	5416793	0.05877	400.25	400.25	0 ANNUAL	WMRS			5
TMA	423128	5416993	0.05168	409.88	409.88	0 ANNUAL	WMRS			5
TMA	423128	5417193	0.05206	405.04	405.04	0 ANNUAL	WMRS			5
TMA	423128	5417393	0.0539	394.92	394.92	0 ANNUAL	WMRS			5
TMA	423128	5417593	0.05335	389.14	389.14	0 ANNUAL	WMRS			5
TMA	423128	5417793	0.05288	380.07	380.07	0 ANNUAL	WMRS			5
TMA	423128	5417993	0.05104	378.23	378.23	0 ANNUAL	WMRS			5
TMA	423128	5418193	0.04941	375	375	0 ANNUAL	WMRS			5
TMA	423128	5418393	0.04731	377.79	377.79	0 ANNUAL	WMRS			5
TMA	423128	5418593	0.04545	379.27	379.27	0 ANNUAL	WMRS			5
TMA	423128	5418793	0.04377	380	380	0 ANNUAL	WMRS			5
TMA	423128	5418993	0.04226	380	380	0 ANNUAL	WMRS			5
TMA	423128	5419193	0.04083	380	380	0 ANNUAL	WMRS			5
TMA	423328	5416393	0.06616	399	399	0 ANNUAL	WMRS			5
TMA	423328	5416593	0.06329	399	399	0 ANNUAL	WMRS			5
TMA	423328	5416793	0.0602	399.91	399.91	0 ANNUAL	WMRS			5
TMA	423328	5416993	0.05757	400.28	400.28	0 ANNUAL	WMRS			5
TMA	423328	5417193	0.05859	390.84	390.84	0 ANNUAL	WMRS			5
TMA	423328	5417393	0.05715	387	387	0 ANNUAL	WMRS			5
TMA	423328	5417593	0.05548	383.65	383.65	0 ANNUAL	WMRS			5
TMA	423328	5417793	0.05366	381	381	0 ANNUAL	WMRS			5
TMA	423328	5417993	0.05169	380	380	0 ANNUAL	WMRS			5
TMA	423328	5418193	0.05016	375.14	375.14	0 ANNUAL	WMRS			5
TMA	423328	5418393	0.04842	373	373	0 ANNUAL	WMRS			5
TMA	423328	5418593	0.04652	375	375	0 ANNUAL	WMRS			5
TMA	423328	5418793	0.04473	377	377	0 ANNUAL	WMRS			5
TMA	423328	5418993	0.0431	378	378	0 ANNUAL	WMRS			5
TMA	423328	5419193	0.04172	376.58	376.58	0 ANNUAL	WMRS			5
TMA	423528	5416393	0.06963	394.06	394.06	0 ANNUAL	WMRS			5
TMA	423528	5416593	0.06458	398.27	398.27	0 ANNUAL	WMRS			5
TMA	423528	5416793	0.06438	392.03	392.03	0 ANNUAL	WMRS			5
TMA	423528	5416993	0.06248	389.28	389.28	0 ANNUAL	WMRS			5
TMA	423528	5417193	0.06043	387	387	0 ANNUAL	WMRS			5
TMA	423528	5417393	0.05814	386	386	0 ANNUAL	WMRS			5
TMA	423528	5417593	0.05614	384.09	384.09	0 ANNUAL	WMRS			5



Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	423528	5417793	0.05422	382	382	0 ANNUAL	WMRS			5
TMA	423528	5417993	0.05235	380	380	0 ANNUAL	WMRS			5
TMA	423528	5418193	0.05066	376.63	376.63	0 ANNUAL	WMRS			5
TMA	423528	5418393	0.04904	371.99	371.99	0 ANNUAL	WMRS			5
TMA	423528	5418593	0.04727	371.05	371.05	0 ANNUAL	WMRS			5
TMA	423528	5418793	0.04547	373.46	373.46	0 ANNUAL	WMRS			5
TMA	423528	5418993	0.04379	375	375	0 ANNUAL	WMRS			5
TMA	423528	5419193	0.04236	373.28	373.28	0 ANNUAL	WMRS			5
TMA	423728	5416393	0.07296	386.22	386.22	0 ANNUAL	WMRS			5
TMA	423728	5416593	0.06897	388.07	388.07	0 ANNUAL	WMRS			5
TMA	423728	5416793	0.06641	386.34	386.34	0 ANNUAL	WMRS			5
TMA	423728	5416993	0.06384	385	385	0 ANNUAL	WMRS			5
TMA	423728	5417193	0.06133	384	384	0 ANNUAL	WMRS			5
TMA	423728	5417393	0.05912	382.05	382.05	0 ANNUAL	WMRS			5
TMA	423728	5417593	0.05687	381	381	0 ANNUAL	WMRS			5
TMA	423728	5417793	0.05469	380.25	380.25	0 ANNUAL	WMRS			5
TMA	423728	5417993	0.05269	379.06	379.06	0 ANNUAL	WMRS			5
TMA	423728	5418193	0.05097	376	376	0 ANNUAL	WMRS			5
TMA	423728	5418393	0.04932	372	372	0 ANNUAL	WMRS			5
TMA	423728	5418593	0.04759	370	370	0 ANNUAL	WMRS			5
TMA	423728	5418793	0.04582	371.39	371.39	0 ANNUAL	WMRS			5
TMA	423728	5418993	0.04418	372	372	0 ANNUAL	WMRS			5
TMA	423728	5419193	0.04269	371	371	0 ANNUAL	WMRS			5
TMA	423928	5416393	0.07231	387.1	387.1	0 ANNUAL	WMRS			5
TMA	423928	5416593	0.07115	379	379	0 ANNUAL	WMRS			5
TMA	423928	5416793	0.06743	381.26	381.26	0 ANNUAL	WMRS			5
TMA	423928	5416993	0.06469	380	380	0 ANNUAL	WMRS			5
TMA	423928	5417193	0.06182	380.38	380.38	0 ANNUAL	WMRS			5
TMA	423928	5417393	0.05928	380	380	0 ANNUAL	WMRS			5
TMA	423928	5417593	0.05757	374.29	374.29	0 ANNUAL	WMRS			5
TMA	423928	5417793	0.05552	371.1	371.1	0 ANNUAL	WMRS			5
TMA	423928	5417993	0.05333	371	371	0 ANNUAL	WMRS			5
TMA	423928	5418193	0.05128	371	371	0 ANNUAL	WMRS			5
TMA	423928	5418393	0.0494	370	370	0 ANNUAL	WMRS			5
TMA	423928	5418593	0.04763	369	369	0 ANNUAL	WMRS			5
TMA	423928	5418793	0.04592	369.05	369.05	0 ANNUAL	WMRS			5
TMA	423928	5418993	0.04426	370	370	0 ANNUAL	WMRS			5
TMA	423928	5419193	0.04281	368.13	368.13	0 ANNUAL	WMRS			5
TMA	424128	5416393	0.0732	382	382	0 ANNUAL	WMRS			5
TMA	424128	5416593	0.07062	378.35	378.35	0 ANNUAL	WMRS			5
TMA	424128	5416793	0.06782	376	376	0 ANNUAL	WMRS			5
TMA	424128	5416993	0.06492	375.34	375.34	0 ANNUAL	WMRS			5
TMA	424128	5417193	0.06243	372.52	372.52	0 ANNUAL	WMRS			5
TMA	424128	5417393	0.05986	372	372	0 ANNUAL	WMRS			5
TMA	424128	5417593	0.05723	374	374	0 ANNUAL	WMRS			5
TMA	424128	5417793	0.05475	375.97	375.97	0 ANNUAL	WMRS			5
TMA	424128	5417993	0.0525	377	377	0 ANNUAL	WMRS			5
TMA	424128	5418193	0.05072	374.7	374.7	0 ANNUAL	WMRS			5
TMA	424128	5418393	0.04916	370	370	0 ANNUAL	WMRS			5
TMA	424128	5418593	0.04736	370	370	0 ANNUAL	WMRS			5
TMA	424128	5418793	0.04567	370	370	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	424128	5418993	0.04403	370.91	370.91	0 ANNUAL	WMRS			5
TMA	424128	5419193	0.04251	371.07	371.07	0 ANNUAL	WMRS			5
TMA	424328	5416393	0.07216	379.87	379.87	0 ANNUAL	WMRS			5
TMA	424328	5416593	0.06947	377.23	377.23	0 ANNUAL	WMRS			5
TMA	424328	5416793	0.06681	374.6	374.6	0 ANNUAL	WMRS			5
TMA	424328	5416993	0.06414	373	373	0 ANNUAL	WMRS			5
TMA	424328	5417193	0.06125	375.86	375.86	0 ANNUAL	WMRS			5
TMA	424328	5417393	0.05854	378	378	0 ANNUAL	WMRS			5
TMA	424328	5417593	0.05599	379.95	379.95	0 ANNUAL	WMRS			5
TMA	424328	5417793	0.05381	380	380	0 ANNUAL	WMRS			5
TMA	424328	5417993	0.05176	380	380	0 ANNUAL	WMRS			5
TMA	424328	5418193	0.04992	379.16	379.16	0 ANNUAL	WMRS			5
TMA	424328	5418393	0.04848	374.52	374.52	0 ANNUAL	WMRS			5
TMA	424328	5418593	0.04696	370.41	370.41	0 ANNUAL	WMRS			5
TMA	424328	5418793	0.04518	373	373	0 ANNUAL	WMRS			5
TMA	424328	5418993	0.0435	375	375	0 ANNUAL	WMRS			5
TMA	424328	5419193	0.04204	374.79	374.79	0 ANNUAL	WMRS			5
TMA	424528	5416393	0.06962	378.75	378.75	0 ANNUAL	WMRS			5
TMA	424528	5416593	0.06736	375	375	0 ANNUAL	WMRS			5
TMA	424528	5416793	0.06478	374	374	0 ANNUAL	WMRS			5
TMA	424528	5416993	0.06209	375.88	375.88	0 ANNUAL	WMRS			5
TMA	424528	5417193	0.05951	378	378	0 ANNUAL	WMRS			5
TMA	424528	5417393	0.05718	379	379	0 ANNUAL	WMRS			5
TMA	424528	5417593	0.05496	380	380	0 ANNUAL	WMRS			5
TMA	424528	5417793	0.05295	380	380	0 ANNUAL	WMRS			5
TMA	424528	5417993	0.05114	379	379	0 ANNUAL	WMRS			5
TMA	424528	5418193	0.04942	377.8	377.8	0 ANNUAL	WMRS			5
TMA	424528	5418393	0.04789	374.41	374.41	0 ANNUAL	WMRS			5
TMA	424528	5418593	0.04634	371.23	371.23	0 ANNUAL	WMRS			5
TMA	424528	5418793	0.04457	376	376	0 ANNUAL	WMRS			5
TMA	424528	5418993	0.04289	379	379	0 ANNUAL	WMRS			5
TMA	424528	5419193	0.04147	378.99	378.99	0 ANNUAL	WMRS			5
TMA	424728	5416393	0.06698	374.18	374.18	0 ANNUAL	WMRS			5
TMA	424728	5416593	0.06423	375	375	0 ANNUAL	WMRS			5
TMA	424728	5416793	0.06168	376	376	0 ANNUAL	WMRS			5
TMA	424728	5416993	0.05932	377	377	0 ANNUAL	WMRS			5
TMA	424728	5417193	0.05723	377	377	0 ANNUAL	WMRS			5
TMA	424728	5417393	0.05521	377.4	377.4	0 ANNUAL	WMRS			5
TMA	424728	5417593	0.05329	378	378	0 ANNUAL	WMRS			5
TMA	424728	5417793	0.05142	379	379	0 ANNUAL	WMRS			5
TMA	424728	5417993	0.04965	380	380	0 ANNUAL	WMRS			5
TMA	424728	5418193	0.04818	378.1	378.1	0 ANNUAL	WMRS			5
TMA	424728	5418393	0.04684	373	373	0 ANNUAL	WMRS			5
TMA	424728	5418593	0.04532	373.35	373.35	0 ANNUAL	WMRS			5
TMA	424728	5418793	0.04368	378.35	378.35	0 ANNUAL	WMRS			5
TMA	424728	5418993	0.04221	380	380	0 ANNUAL	WMRS			5
TMA	424728	5419193	0.04089	380	380	0 ANNUAL	WMRS			5
TMA	424928	5416393	0.06349	377.58	377.58	0 ANNUAL	WMRS			5
TMA	424928	5416593	0.06078	378	378	0 ANNUAL	WMRS			5
TMA	424928	5416793	0.05861	377	377	0 ANNUAL	WMRS			5
TMA	424928	5416993	0.0566	376	376	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	424928	5417193	0.0546	376	376	0 ANNUAL	WMRS			5
TMA	424928	5417393	0.05283	375.31	375.31	0 ANNUAL	WMRS			5
TMA	424928	5417593	0.05102	376	376	0 ANNUAL	WMRS			5
TMA	424928	5417793	0.04931	377	377	0 ANNUAL	WMRS			5
TMA	424928	5417993	0.04771	378	378	0 ANNUAL	WMRS			5
TMA	424928	5418193	0.04649	375.01	375.01	0 ANNUAL	WMRS			5
TMA	424928	5418393	0.04523	372	372	0 ANNUAL	WMRS			5
TMA	424928	5418593	0.04368	376.8	376.8	0 ANNUAL	WMRS			5
TMA	424928	5418793	0.04223	380	380	0 ANNUAL	WMRS			5
TMA	424928	5418993	0.04103	380	380	0 ANNUAL	WMRS			5
TMA	424928	5419193	0.03992	379	379	0 ANNUAL	WMRS			5
TMA	425128	5416393	0.06195	379	379	0 ANNUAL	WMRS			5
TMA	425128	5416593	0.05923	378	378	0 ANNUAL	WMRS			5
TMA	425128	5416793	0.05698	376	376	0 ANNUAL	WMRS			5
TMA	425128	5416993	0.05477	375	375	0 ANNUAL	WMRS			5
TMA	425128	5417193	0.05263	374.87	374.87	0 ANNUAL	WMRS			5
TMA	425128	5417393	0.0508	374	374	0 ANNUAL	WMRS			5
TMA	425128	5417593	0.04902	374	374	0 ANNUAL	WMRS			5
TMA	425128	5417793	0.04732	374.56	374.56	0 ANNUAL	WMRS			5
TMA	425128	5417993	0.04579	374.82	374.82	0 ANNUAL	WMRS			5
TMA	425128	5418193	0.04456	373	373	0 ANNUAL	WMRS			5
TMA	425128	5418393	0.04318	373.86	373.86	0 ANNUAL	WMRS			5
TMA	425128	5418593	0.04167	377.58	377.58	0 ANNUAL	WMRS			5
TMA	425128	5418793	0.04036	380	380	0 ANNUAL	WMRS			5
TMA	425128	5418993	0.03931	380	380	0 ANNUAL	WMRS			5
TMA	425128	5419193	0.0383	380	380	0 ANNUAL	WMRS			5
TMA	425328	5416393	0.06249	378	378	0 ANNUAL	WMRS			5
TMA	425328	5416593	0.05961	376	376	0 ANNUAL	WMRS			5
TMA	425328	5416793	0.05683	375	375	0 ANNUAL	WMRS			5
TMA	425328	5416993	0.05415	375	375	0 ANNUAL	WMRS			5
TMA	425328	5417193	0.05172	375	375	0 ANNUAL	WMRS			5
TMA	425328	5417393	0.04953	375	375	0 ANNUAL	WMRS			5
TMA	425328	5417593	0.04754	375	375	0 ANNUAL	WMRS			5
TMA	425328	5417793	0.04589	374	374	0 ANNUAL	WMRS			5
TMA	425328	5417993	0.04438	373	373	0 ANNUAL	WMRS			5
TMA	425328	5418193	0.04289	373	373	0 ANNUAL	WMRS			5
TMA	425328	5418393	0.04141	374	374	0 ANNUAL	WMRS			5
TMA	425328	5418593	0.03997	376	376	0 ANNUAL	WMRS			5
TMA	425328	5418793	0.03864	378.11	378.11	0 ANNUAL	WMRS			5
TMA	425328	5418993	0.03743	380	380	0 ANNUAL	WMRS			5
TMA	425328	5419193	0.03649	380	380	0 ANNUAL	WMRS			5
TMA	425528	5416393	0.0636	376	376	0 ANNUAL	WMRS			5
TMA	425528	5416593	0.06034	376	376	0 ANNUAL	WMRS			5
TMA	425528	5416793	0.05715	377	377	0 ANNUAL	WMRS			5
TMA	425528	5416993	0.05429	377.25	377.25	0 ANNUAL	WMRS			5
TMA	425528	5417193	0.0515	378.47	378.47	0 ANNUAL	WMRS			5
TMA	425528	5417393	0.04902	379	379	0 ANNUAL	WMRS			5
TMA	425528	5417593	0.04704	377.29	377.29	0 ANNUAL	WMRS			5
TMA	425528	5417793	0.04519	376	376	0 ANNUAL	WMRS			5
TMA	425528	5417993	0.04347	375	375	0 ANNUAL	WMRS			5
TMA	425528	5418193	0.04192	374	374	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	425528	5418393	0.04051	373	373	0 ANNUAL	WMRS			5
TMA	425528	5418593	0.03911	373.05	373.05	0 ANNUAL	WMRS			5
TMA	425528	5418793	0.03763	375.11	375.11	0 ANNUAL	WMRS			5
TMA	425528	5418993	0.03629	377.03	377.03	0 ANNUAL	WMRS			5
TMA	425528	5419193	0.03506	379	379	0 ANNUAL	WMRS			5
TMA	425728	5416393	0.06378	377	377	0 ANNUAL	WMRS			5
TMA	425728	5416593	0.06058	378	378	0 ANNUAL	WMRS			5
TMA	425728	5416793	0.05761	378.61	378.61	0 ANNUAL	WMRS			5
TMA	425728	5416993	0.05482	379	379	0 ANNUAL	WMRS			5
TMA	425728	5417193	0.05209	380	380	0 ANNUAL	WMRS			5
TMA	425728	5417393	0.04964	380	380	0 ANNUAL	WMRS			5
TMA	425728	5417593	0.04738	379.69	379.69	0 ANNUAL	WMRS			5
TMA	425728	5417793	0.04525	379.45	379.45	0 ANNUAL	WMRS			5
TMA	425728	5417993	0.04345	377.55	377.55	0 ANNUAL	WMRS			5
TMA	425728	5418193	0.04182	375.34	375.34	0 ANNUAL	WMRS			5
TMA	425728	5418393	0.04034	373	373	0 ANNUAL	WMRS			5
TMA	425728	5418593	0.03888	372	372	0 ANNUAL	WMRS			5
TMA	425728	5418793	0.03744	372.08	372.08	0 ANNUAL	WMRS			5
TMA	425728	5418993	0.03604	373	373	0 ANNUAL	WMRS			5
TMA	425728	5419193	0.0347	374.4	374.4	0 ANNUAL	WMRS			5
TMA	425928	5416393	0.06304	379	379	0 ANNUAL	WMRS			5
TMA	425928	5416593	0.06008	380	380	0 ANNUAL	WMRS			5
TMA	425928	5416793	0.05747	380	380	0 ANNUAL	WMRS			5
TMA	425928	5416993	0.05497	380	380	0 ANNUAL	WMRS			5
TMA	425928	5417193	0.05257	380	380	0 ANNUAL	WMRS			5
TMA	425928	5417393	0.05026	380	380	0 ANNUAL	WMRS			5
TMA	425928	5417593	0.04816	379	379	0 ANNUAL	WMRS			5
TMA	425928	5417793	0.04602	379.16	379.16	0 ANNUAL	WMRS			5
TMA	425928	5417993	0.04416	377.29	377.29	0 ANNUAL	WMRS			5
TMA	425928	5418193	0.04242	375	375	0 ANNUAL	WMRS			5
TMA	425928	5418393	0.04076	373	373	0 ANNUAL	WMRS			5
TMA	425928	5418593	0.03915	372	372	0 ANNUAL	WMRS			5
TMA	425928	5418793	0.03766	371	371	0 ANNUAL	WMRS			5
TMA	425928	5418993	0.03622	371	371	0 ANNUAL	WMRS			5
TMA	425928	5419193	0.03497	370	370	0 ANNUAL	WMRS			5
TMA	426128	5416393	0.06216	380	380	0 ANNUAL	WMRS			5
TMA	426128	5416593	0.05943	380	380	0 ANNUAL	WMRS			5
TMA	426128	5416793	0.0569	380.2	380.2	0 ANNUAL	WMRS			5
TMA	426128	5416993	0.05462	380	380	0 ANNUAL	WMRS			5
TMA	426128	5417193	0.05243	380	380	0 ANNUAL	WMRS			5
TMA	426128	5417393	0.05033	380	380	0 ANNUAL	WMRS			5
TMA	426128	5417593	0.04831	380	380	0 ANNUAL	WMRS			5
TMA	426128	5417793	0.04635	380	380	0 ANNUAL	WMRS			5
TMA	426128	5417993	0.04473	376.57	376.57	0 ANNUAL	WMRS			5
TMA	426128	5418193	0.04304	374	374	0 ANNUAL	WMRS			5
TMA	426128	5418393	0.04131	373	373	0 ANNUAL	WMRS			5
TMA	426128	5418593	0.03967	372	372	0 ANNUAL	WMRS			5
TMA	426128	5418793	0.03808	372	372	0 ANNUAL	WMRS			5
TMA	426128	5418993	0.03662	371	371	0 ANNUAL	WMRS			5
TMA	426128	5419193	0.03525	370	370	0 ANNUAL	WMRS			5
TMA	426328	5416393	0.06205	379.29	379.29	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	426328	5416593	0.05894	380	380	0 ANNUAL	WMRS			5
TMA	426328	5416793	0.05632	380	380	0 ANNUAL	WMRS			5
TMA	426328	5416993	0.05398	380	380	0 ANNUAL	WMRS			5
TMA	426328	5417193	0.05186	380	380	0 ANNUAL	WMRS			5
TMA	426328	5417393	0.04988	380	380	0 ANNUAL	WMRS			5
TMA	426328	5417593	0.04815	379	379	0 ANNUAL	WMRS			5
TMA	426328	5417793	0.04645	377.97	377.97	0 ANNUAL	WMRS			5
TMA	426328	5417993	0.04493	375	375	0 ANNUAL	WMRS			5
TMA	426328	5418193	0.04327	374	374	0 ANNUAL	WMRS			5
TMA	426328	5418393	0.04165	373	373	0 ANNUAL	WMRS			5
TMA	426328	5418593	0.04001	374	374	0 ANNUAL	WMRS			5
TMA	426328	5418793	0.03847	374	374	0 ANNUAL	WMRS			5
TMA	426328	5418993	0.03699	373.99	373.99	0 ANNUAL	WMRS			5
TMA	426328	5419193	0.0356	373	373	0 ANNUAL	WMRS			5
TMA	426528	5416393	0.06217	380	380	0 ANNUAL	WMRS			5
TMA	426528	5416593	0.05902	380	380	0 ANNUAL	WMRS			5
TMA	426528	5416793	0.05615	380	380	0 ANNUAL	WMRS			5
TMA	426528	5416993	0.05375	379.12	379.12	0 ANNUAL	WMRS			5
TMA	426528	5417193	0.05165	378	378	0 ANNUAL	WMRS			5
TMA	426528	5417393	0.0497	377.22	377.22	0 ANNUAL	WMRS			5
TMA	426528	5417593	0.04785	377	377	0 ANNUAL	WMRS			5
TMA	426528	5417793	0.04621	376	376	0 ANNUAL	WMRS			5
TMA	426528	5417993	0.04456	376	376	0 ANNUAL	WMRS			5
TMA	426528	5418193	0.04298	376	376	0 ANNUAL	WMRS			5
TMA	426528	5418393	0.04136	377.61	377.61	0 ANNUAL	WMRS			5
TMA	426528	5418593	0.03988	378	378	0 ANNUAL	WMRS			5
TMA	426528	5418793	0.03848	377.99	377.99	0 ANNUAL	WMRS			5
TMA	426528	5418993	0.03721	376	376	0 ANNUAL	WMRS			5
TMA	426528	5419193	0.03597	373.05	373.05	0 ANNUAL	WMRS			5
TMA	426728	5416393	0.06243	380	380	0 ANNUAL	WMRS			5
TMA	426728	5416593	0.05959	379	379	0 ANNUAL	WMRS			5
TMA	426728	5416793	0.05667	379	379	0 ANNUAL	WMRS			5
TMA	426728	5416993	0.05408	378	378	0 ANNUAL	WMRS			5
TMA	426728	5417193	0.05156	378	378	0 ANNUAL	WMRS			5
TMA	426728	5417393	0.0493	378	378	0 ANNUAL	WMRS			5
TMA	426728	5417593	0.04723	378.4	378.4	0 ANNUAL	WMRS			5
TMA	426728	5417793	0.04536	378.97	378.97	0 ANNUAL	WMRS			5
TMA	426728	5417993	0.04385	378.02	378.02	0 ANNUAL	WMRS			5
TMA	426728	5418193	0.04234	378.12	378.12	0 ANNUAL	WMRS			5
TMA	426728	5418393	0.04076	380	380	0 ANNUAL	WMRS			5
TMA	426728	5418593	0.03944	380	380	0 ANNUAL	WMRS			5
TMA	426728	5418793	0.03826	378.92	378.92	0 ANNUAL	WMRS			5
TMA	426728	5418993	0.03721	375.39	375.39	0 ANNUAL	WMRS			5
TMA	426728	5419193	0.03606	373	373	0 ANNUAL	WMRS			5
TMA	426928	5416393	0.0617	381	381	0 ANNUAL	WMRS			5
TMA	426928	5416593	0.05942	380	380	0 ANNUAL	WMRS			5
TMA	426928	5416793	0.05695	379.17	379.17	0 ANNUAL	WMRS			5
TMA	426928	5416993	0.05421	380	380	0 ANNUAL	WMRS			5
TMA	426928	5417193	0.05163	380	380	0 ANNUAL	WMRS			5
TMA	426928	5417393	0.04921	380	380	0 ANNUAL	WMRS			5
TMA	426928	5417593	0.04699	380	380	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	426928	5417793	0.045	380	380	0 ANNUAL	WMRS			5
TMA	426928	5417993	0.04336	379	379	0 ANNUAL	WMRS			5
TMA	426928	5418193	0.04178	379	379	0 ANNUAL	WMRS			5
TMA	426928	5418393	0.04024	380	380	0 ANNUAL	WMRS			5
TMA	426928	5418593	0.03885	381	381	0 ANNUAL	WMRS			5
TMA	426928	5418793	0.03775	380	380	0 ANNUAL	WMRS			5
TMA	426928	5418993	0.03694	375.12	375.12	0 ANNUAL	WMRS			5
TMA	426928	5419193	0.03599	370.48	370.48	0 ANNUAL	WMRS			5
TMA	427128	5416393	0.05999	381.16	381.16	0 ANNUAL	WMRS			5
TMA	427128	5416593	0.05841	380	380	0 ANNUAL	WMRS			5
TMA	427128	5416793	0.05644	380	380	0 ANNUAL	WMRS			5
TMA	427128	5416993	0.05429	380	380	0 ANNUAL	WMRS			5
TMA	427128	5417193	0.05201	380	380	0 ANNUAL	WMRS			5
TMA	427128	5417393	0.04969	380	380	0 ANNUAL	WMRS			5
TMA	427128	5417593	0.04742	380	380	0 ANNUAL	WMRS			5
TMA	427128	5417793	0.04539	379	379	0 ANNUAL	WMRS			5
TMA	427128	5417993	0.04341	379	379	0 ANNUAL	WMRS			5
TMA	427128	5418193	0.04151	380	380	0 ANNUAL	WMRS			5
TMA	427128	5418393	0.03982	380.92	380.92	0 ANNUAL	WMRS			5
TMA	427128	5418593	0.03829	382	382	0 ANNUAL	WMRS			5
TMA	427128	5418793	0.03717	381	381	0 ANNUAL	WMRS			5
TMA	427128	5418993	0.03668	373.01	373.01	0 ANNUAL	WMRS			5
TMA	427128	5419193	0.03576	369	369	0 ANNUAL	WMRS			5
TMA	424328	5416193	0.07458	383.5	383.5	0 ANNUAL	WMRS			5
TMA	424328	5415993	0.07716	386.14	386.14	0 ANNUAL	WMRS			5
TMA	424328	5415793	0.07917	389.77	389.77	0 ANNUAL	WMRS			5
TMA	424328	5415593	0.08081	393.41	393.41	0 ANNUAL	WMRS			5
TMA	424328	5415393	0.08427	393.82	393.82	0 ANNUAL	WMRS			5
TMA	424328	5415193	0.08745	394.88	394.88	0 ANNUAL	WMRS			5
TMA	424328	5414993	0.08971	397.14	397.14	0 ANNUAL	WMRS			5
TMA	424328	5414793	0.09124	400	400	0 ANNUAL	WMRS			5
TMA	424328	5408393	0.39407	350.25	350.25	0 ANNUAL	WMRS			5
TMA	424328	5408193	0.32614	353.95	353.95	0 ANNUAL	WMRS			5
TMA	424528	5416193	0.07184	382	382	0 ANNUAL	WMRS			5
TMA	424528	5415993	0.07423	384.26	384.26	0 ANNUAL	WMRS			5
TMA	424528	5415793	0.07715	385.08	385.08	0 ANNUAL	WMRS			5
TMA	424528	5415593	0.07965	387.26	387.26	0 ANNUAL	WMRS			5
TMA	424528	5415393	0.08294	388	388	0 ANNUAL	WMRS			5
TMA	424528	5415193	0.08525	390.8	390.8	0 ANNUAL	WMRS			5
TMA	424528	5414993	0.08715	394.07	394.07	0 ANNUAL	WMRS			5
TMA	424528	5414793	0.09163	394.2	394.2	0 ANNUAL	WMRS			5
TMA	424728	5416193	0.06921	377.27	377.27	0 ANNUAL	WMRS			5
TMA	424728	5415993	0.07148	380.25	380.25	0 ANNUAL	WMRS			5
TMA	424728	5415793	0.075	379.46	379.46	0 ANNUAL	WMRS			5
TMA	424728	5415593	0.07816	381	381	0 ANNUAL	WMRS			5
TMA	424728	5415393	0.08165	382.51	382.51	0 ANNUAL	WMRS			5
TMA	424728	5415193	0.08493	385.2	385.2	0 ANNUAL	WMRS			5
TMA	424728	5414993	0.08933	386.34	386.34	0 ANNUAL	WMRS			5
TMA	424728	5414793	0.09455	387.03	387.03	0 ANNUAL	WMRS			5
TMA	424928	5416193	0.0668	375.96	375.96	0 ANNUAL	WMRS			5
TMA	424928	5415993	0.07034	375	375	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	424928	5415793	0.07355	376.94	376.94	0 ANNUAL	WMRS			5
TMA	424928	5415593	0.07737	378.04	378.04	0 ANNUAL	WMRS			5
TMA	424928	5415393	0.08169	379	379	0 ANNUAL	WMRS			5
TMA	424928	5415193	0.08686	379	379	0 ANNUAL	WMRS			5
TMA	424928	5414993	0.09139	381.96	381.96	0 ANNUAL	WMRS			5
TMA	424928	5414793	0.09416	387.99	387.99	0 ANNUAL	WMRS			5
TMA	424928	5414593	0.09901	390.16	390.16	0 ANNUAL	WMRS			5
TMA	424928	5414393	0.10858	387.14	387.14	0 ANNUAL	WMRS			5
TMA	425128	5416193	0.06522	379	379	0 ANNUAL	WMRS			5
TMA	425128	5415993	0.06886	379.01	379.01	0 ANNUAL	WMRS			5
TMA	425128	5415793	0.07346	376.76	376.76	0 ANNUAL	WMRS			5
TMA	425128	5415593	0.07812	376	376	0 ANNUAL	WMRS			5
TMA	425128	5415393	0.0828	377	377	0 ANNUAL	WMRS			5
TMA	425128	5415193	0.08756	379	379	0 ANNUAL	WMRS			5
TMA	425128	5414993	0.09222	381.84	381.84	0 ANNUAL	WMRS			5
TMA	425128	5414793	0.09639	385.44	385.44	0 ANNUAL	WMRS			5
TMA	425128	5414593	0.10168	386.97	386.97	0 ANNUAL	WMRS			5
TMA	425128	5414393	0.11155	383	383	0 ANNUAL	WMRS			5
TMA	425328	5416193	0.06581	379	379	0 ANNUAL	WMRS			5
TMA	425328	5415993	0.06961	379	379	0 ANNUAL	WMRS			5
TMA	425328	5415793	0.07416	377	377	0 ANNUAL	WMRS			5
TMA	425328	5415593	0.07862	377	377	0 ANNUAL	WMRS			5
TMA	425328	5415393	0.08339	377	377	0 ANNUAL	WMRS			5
TMA	425328	5415193	0.08853	377	377	0 ANNUAL	WMRS			5
TMA	425328	5414993	0.09373	378	378	0 ANNUAL	WMRS			5
TMA	425328	5414793	0.09819	381.36	381.36	0 ANNUAL	WMRS			5
TMA	425328	5414593	0.10424	382	382	0 ANNUAL	WMRS			5
TMA	425328	5414393	0.11209	381	381	0 ANNUAL	WMRS			5
TMA	425528	5416193	0.06692	377	377	0 ANNUAL	WMRS			5
TMA	425528	5415993	0.0706	377	377	0 ANNUAL	WMRS			5
TMA	425528	5415793	0.07451	377	377	0 ANNUAL	WMRS			5
TMA	425528	5415593	0.07867	377	377	0 ANNUAL	WMRS			5
TMA	425528	5415393	0.08286	378	378	0 ANNUAL	WMRS			5
TMA	425528	5415193	0.0877	378	378	0 ANNUAL	WMRS			5
TMA	425528	5414993	0.09305	378	378	0 ANNUAL	WMRS			5
TMA	425528	5414793	0.09859	379	379	0 ANNUAL	WMRS			5
TMA	425528	5414593	0.10526	379	379	0 ANNUAL	WMRS			5
TMA	425528	5414393	0.1121	380	380	0 ANNUAL	WMRS			5
TMA	425728	5416193	0.06716	376	376	0 ANNUAL	WMRS			5
TMA	425728	5415993	0.07061	376	376	0 ANNUAL	WMRS			5
TMA	425728	5415793	0.07408	377	377	0 ANNUAL	WMRS			5
TMA	425728	5415593	0.07807	377	377	0 ANNUAL	WMRS			5
TMA	425728	5415393	0.08217	378	378	0 ANNUAL	WMRS			5
TMA	425728	5415193	0.08708	378	378	0 ANNUAL	WMRS			5
TMA	425728	5414993	0.09219	379	379	0 ANNUAL	WMRS			5
TMA	425728	5414793	0.0978	380	380	0 ANNUAL	WMRS			5
TMA	425728	5414593	0.1043	380	380	0 ANNUAL	WMRS			5
TMA	425728	5414393	0.11108	380	380	0 ANNUAL	WMRS			5
TMA	425728	5414193	0.11729	381	381	0 ANNUAL	WMRS			5
TMA	425928	5416193	0.06644	377.1	377.1	0 ANNUAL	WMRS			5
TMA	425928	5415993	0.06978	377	377	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	425928	5415793	0.07346	377	377	0 ANNUAL	WMRS			5
TMA	425928	5415593	0.07729	378	378	0 ANNUAL	WMRS			5
TMA	425928	5415393	0.08183	378.1	378.1	0 ANNUAL	WMRS			5
TMA	425928	5415193	0.08656	379.07	379.07	0 ANNUAL	WMRS			5
TMA	425928	5414993	0.09187	379.38	379.38	0 ANNUAL	WMRS			5
TMA	425928	5414793	0.09663	381.46	381.46	0 ANNUAL	WMRS			5
TMA	425928	5414593	0.10191	382	382	0 ANNUAL	WMRS			5
TMA	425928	5414393	0.10772	381	381	0 ANNUAL	WMRS			5
TMA	425928	5414193	0.11325	380	380	0 ANNUAL	WMRS			5
TMA	426128	5416193	0.06569	378	378	0 ANNUAL	WMRS			5
TMA	426128	5415993	0.06916	378	378	0 ANNUAL	WMRS			5
TMA	426128	5415793	0.07303	378	378	0 ANNUAL	WMRS			5
TMA	426128	5415593	0.07702	379	379	0 ANNUAL	WMRS			5
TMA	426128	5415393	0.08129	380	380	0 ANNUAL	WMRS			5
TMA	426128	5415193	0.08568	381	381	0 ANNUAL	WMRS			5
TMA	426128	5414993	0.0902	381.37	381.37	0 ANNUAL	WMRS			5
TMA	426128	5414793	0.0932	384.49	384.49	0 ANNUAL	WMRS			5
TMA	426128	5414593	0.09741	384	384	0 ANNUAL	WMRS			5
TMA	426128	5414393	0.10218	382	382	0 ANNUAL	WMRS			5
TMA	426128	5414193	0.10675	380.01	380.01	0 ANNUAL	WMRS			5
TMA	426328	5416193	0.06543	379	379	0 ANNUAL	WMRS			5
TMA	426328	5415993	0.06893	379.58	379.58	0 ANNUAL	WMRS			5
TMA	426328	5415793	0.07247	381	381	0 ANNUAL	WMRS			5
TMA	426328	5415593	0.07558	383.94	383.94	0 ANNUAL	WMRS			5
TMA	426328	5415393	0.07905	385.11	385.11	0 ANNUAL	WMRS			5
TMA	426328	5415193	0.08177	387.15	387.15	0 ANNUAL	WMRS			5
TMA	426328	5414993	0.08452	388	388	0 ANNUAL	WMRS			5
TMA	426328	5414793	0.08902	385	385	0 ANNUAL	WMRS			5
TMA	426328	5414593	0.09379	381	381	0 ANNUAL	WMRS			5
TMA	426328	5414393	0.09703	380	380	0 ANNUAL	WMRS			5
TMA	426328	5414193	0.09976	379.9	379.9	0 ANNUAL	WMRS			5
TMA	426528	5416193	0.06553	380	380	0 ANNUAL	WMRS			5
TMA	426528	5415993	0.06854	382	382	0 ANNUAL	WMRS			5
TMA	426528	5415793	0.07127	384.43	384.43	0 ANNUAL	WMRS			5
TMA	426528	5415593	0.07345	387.14	387.14	0 ANNUAL	WMRS			5
TMA	426528	5415393	0.07491	390	390	0 ANNUAL	WMRS			5
TMA	426528	5415193	0.07723	390	390	0 ANNUAL	WMRS			5
TMA	426528	5414993	0.07933	390	390	0 ANNUAL	WMRS			5
TMA	426528	5414793	0.0835	386.24	386.24	0 ANNUAL	WMRS			5
TMA	426528	5414593	0.08829	380.69	380.69	0 ANNUAL	WMRS			5
TMA	426528	5414393	0.09117	379	379	0 ANNUAL	WMRS			5
TMA	426528	5414193	0.0937	378	378	0 ANNUAL	WMRS			5
TMA	426728	5416193	0.06501	382	382	0 ANNUAL	WMRS			5
TMA	426728	5415993	0.06731	384	384	0 ANNUAL	WMRS			5
TMA	426728	5415793	0.06918	386	386	0 ANNUAL	WMRS			5
TMA	426728	5415593	0.07058	388	388	0 ANNUAL	WMRS			5
TMA	426728	5415393	0.07155	390	390	0 ANNUAL	WMRS			5
TMA	426728	5415193	0.07382	388.86	388.86	0 ANNUAL	WMRS			5
TMA	426728	5414993	0.07496	389.95	389.95	0 ANNUAL	WMRS			5
TMA	426728	5414793	0.07897	385.44	385.44	0 ANNUAL	WMRS			5
TMA	426728	5414593	0.08306	379.81	379.81	0 ANNUAL	WMRS			5



Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	426728	5414393	0.08545	378.03	378.03	0 ANNUAL	WMRS			5
TMA	426728	5414193	0.0872	378	378	0 ANNUAL	WMRS			5
TMA	426928	5416193	0.06353	383	383	0 ANNUAL	WMRS			5
TMA	426928	5415993	0.06497	385	385	0 ANNUAL	WMRS			5
TMA	426928	5415793	0.06603	387	387	0 ANNUAL	WMRS			5
TMA	426928	5415593	0.0672	388	388	0 ANNUAL	WMRS			5
TMA	426928	5415393	0.06871	388	388	0 ANNUAL	WMRS			5
TMA	426928	5415193	0.07109	385.9	385.9	0 ANNUAL	WMRS			5
TMA	426928	5414993	0.0732	384.4	384.4	0 ANNUAL	WMRS			5
TMA	426928	5414793	0.07535	382.59	382.59	0 ANNUAL	WMRS			5
TMA	426928	5414593	0.0777	379.99	379.99	0 ANNUAL	WMRS			5
TMA	426928	5414393	0.07948	379	379	0 ANNUAL	WMRS			5
TMA	426928	5414193	0.08124	378	378	0 ANNUAL	WMRS			5
TMA	427128	5416193	0.06096	383.98	383.98	0 ANNUAL	WMRS			5
TMA	427128	5415993	0.06181	386	386	0 ANNUAL	WMRS			5
TMA	427128	5415793	0.06287	386.86	386.86	0 ANNUAL	WMRS			5
TMA	427128	5415593	0.0645	386	386	0 ANNUAL	WMRS			5
TMA	427128	5415393	0.06584	386	386	0 ANNUAL	WMRS			5
TMA	427128	5415193	0.06748	385	385	0 ANNUAL	WMRS			5
TMA	427128	5414993	0.0691	383.88	383.88	0 ANNUAL	WMRS			5
TMA	427128	5414793	0.07093	382	382	0 ANNUAL	WMRS			5
TMA	427128	5414593	0.07248	381	381	0 ANNUAL	WMRS			5
TMA	427128	5414393	0.07401	380	380	0 ANNUAL	WMRS			5
TMA	427128	5414193	0.07511	380	380	0 ANNUAL	WMRS			5
TMA	424128	5408393	0.3941	350.25	350.25	0 ANNUAL	WMRS			5
TMA	424128	5408193	0.3219	354	354	0 ANNUAL	WMRS			5
TMA	423928	5408393	0.38879	353.49	353.49	0 ANNUAL	WMRS			5
TMA	423928	5408193	0.31506	357.59	357.59	0 ANNUAL	WMRS			5
TMA	423728	5408393	0.37961	355.6	355.6	0 ANNUAL	WMRS			5
TMA	423728	5408193	0.30285	359.84	359.84	0 ANNUAL	WMRS			5
TMA	423528	5408393	0.37117	352	352	0 ANNUAL	WMRS			5
TMA	423528	5408193	0.30276	354.52	354.52	0 ANNUAL	WMRS			5
TMA	423328	5408593	0.46284	349.35	349.35	0 ANNUAL	WMRS			5
TMA	423328	5408393	0.36934	351	351	0 ANNUAL	WMRS			5
TMA	423328	5408193	0.30196	352	352	0 ANNUAL	WMRS			5
TMA	423128	5408593	0.46144	352.5	352.5	0 ANNUAL	WMRS			5
TMA	423128	5408393	0.3702	354.07	354.07	0 ANNUAL	WMRS			5
TMA	423128	5408193	0.3046	356	356	0 ANNUAL	WMRS			5
TMA	422928	5408593	0.4425	353	353	0 ANNUAL	WMRS			5
TMA	422928	5408393	0.35837	355	355	0 ANNUAL	WMRS			5
TMA	422928	5408193	0.29713	357	357	0 ANNUAL	WMRS			5
TMA	422728	5408593	0.41585	353	353	0 ANNUAL	WMRS			5
TMA	422728	5408393	0.33991	355	355	0 ANNUAL	WMRS			5
TMA	422728	5408193	0.28291	356	356	0 ANNUAL	WMRS			5
TMA	422528	5408593	0.38817	354	354	0 ANNUAL	WMRS			5
TMA	422528	5408393	0.32115	354.79	354.79	0 ANNUAL	WMRS			5
TMA	422528	5408193	0.26942	355.99	355.99	0 ANNUAL	WMRS			5
TMA	422328	5408593	0.35496	352	352	0 ANNUAL	WMRS			5
TMA	422328	5408393	0.30031	353	353	0 ANNUAL	WMRS			5
TMA	422328	5408193	0.25581	354	354	0 ANNUAL	WMRS			5
TMA	422128	5408593	0.32068	350	350	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	422128	5408393	0.27725	352	352	0 ANNUAL	WMRS		5	
TMA	422128	5408193	0.24152	354	354	0 ANNUAL	WMRS		5	
TMA	421928	5408593	0.29231	350	350	0 ANNUAL	WMRS		5	
TMA	421928	5408393	0.25391	351.68	351.68	0 ANNUAL	WMRS		5	
TMA	421928	5408193	0.22428	354	354	0 ANNUAL	WMRS		5	
TMA	421728	5408593	0.26812	349	349	0 ANNUAL	WMRS		5	
TMA	421728	5408393	0.23373	351	351	0 ANNUAL	WMRS		5	
TMA	421728	5408193	0.20659	353	353	0 ANNUAL	WMRS		5	
TMA	421528	5408593	0.2464	348	348	0 ANNUAL	WMRS		5	
TMA	421528	5408393	0.21677	349	349	0 ANNUAL	WMRS		5	
TMA	421528	5408193	0.19149	351	351	0 ANNUAL	WMRS		5	
TMA	421328	5408593	0.224	345.41	345.41	0 ANNUAL	WMRS		5	
TMA	421328	5408393	0.20176	347	347	0 ANNUAL	WMRS		5	
TMA	421328	5408193	0.17934	348.81	348.81	0 ANNUAL	WMRS		5	
TMA	421128	5408593	0.20277	344.52	344.52	0 ANNUAL	WMRS		5	
TMA	421128	5408393	0.18718	345.3	345.3	0 ANNUAL	WMRS		5	
TMA	421128	5408193	0.16887	347	347	0 ANNUAL	WMRS		5	
TMA	420928	5408593	0.1818	343	343	0 ANNUAL	WMRS		5	
TMA	420928	5408393	0.17248	344	344	0 ANNUAL	WMRS		5	
TMA	420928	5408193	0.15861	345	345	0 ANNUAL	WMRS		5	
TMA	420728	5408593	0.16296	343	343	0 ANNUAL	WMRS		5	
TMA	420728	5408393	0.15774	343	343	0 ANNUAL	WMRS		5	
TMA	420728	5408193	0.14839	344	344	0 ANNUAL	WMRS		5	
TMA	420528	5409393	0.1487	353	353	0 ANNUAL	WMRS		5	
TMA	420528	5409193	0.14875	350	350	0 ANNUAL	WMRS		5	
TMA	420528	5408993	0.14787	349	349	0 ANNUAL	WMRS		5	
TMA	420528	5408793	0.14726	347	347	0 ANNUAL	WMRS		5	
TMA	420528	5408593	0.14662	345.03	345.03	0 ANNUAL	WMRS		5	
TMA	420528	5408393	0.14368	343	343	0 ANNUAL	WMRS		5	
TMA	420528	5408193	0.13775	343	343	0 ANNUAL	WMRS		5	
TMA	420328	5409393	0.13281	353.52	353.52	0 ANNUAL	WMRS		5	
TMA	420328	5409193	0.13338	350.89	350.89	0 ANNUAL	WMRS		5	
TMA	420328	5408993	0.1324	349	349	0 ANNUAL	WMRS		5	
TMA	420328	5408793	0.13191	348	348	0 ANNUAL	WMRS		5	
TMA	420128	5409393	0.11924	352.9	352.9	0 ANNUAL	WMRS		5	
TMA	420128	5409193	0.12004	350	350	0 ANNUAL	WMRS		5	
TMA	420128	5408993	0.11945	349	349	0 ANNUAL	WMRS		5	
TMA	420128	5408793	0.11877	348	348	0 ANNUAL	WMRS		5	
TMA	419928	5409393	0.10779	353	353	0 ANNUAL	WMRS		5	
TMA	419928	5409193	0.10899	351	351	0 ANNUAL	WMRS		5	
TMA	419928	5408993	0.10863	350	350	0 ANNUAL	WMRS		5	
TMA	419928	5408793	0.10786	349	349	0 ANNUAL	WMRS		5	
TMA	419728	5409393	0.0977	351	351	0 ANNUAL	WMRS		5	
TMA	419728	5409193	0.09915	349.94	349.94	0 ANNUAL	WMRS		5	
TMA	419728	5408993	0.09905	349	349	0 ANNUAL	WMRS		5	
TMA	419728	5408793	0.09827	348	348	0 ANNUAL	WMRS		5	
TMA	419528	5410993	0.07274	356	356	0 ANNUAL	WMRS		5	
TMA	419528	5410793	0.07295	355	355	0 ANNUAL	WMRS		5	
TMA	419528	5410593	0.07398	357	357	0 ANNUAL	WMRS		5	
TMA	419528	5410393	0.07541	358	358	0 ANNUAL	WMRS		5	
TMA	419528	5410193	0.07825	356.94	356.94	0 ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	419528	5409993	0.08102	355	355	0 ANNUAL	WMRS		5	
TMA	419528	5409793	0.08392	353.29	353.29	0 ANNUAL	WMRS		5	
TMA	419528	5409593	0.08669	351.28	351.28	0 ANNUAL	WMRS		5	
TMA	419528	5409393	0.08912	350	350	0 ANNUAL	WMRS		5	
TMA	419528	5409193	0.09062	349	349	0 ANNUAL	WMRS		5	
TMA	419528	5408993	0.09075	348	348	0 ANNUAL	WMRS		5	
TMA	419528	5408793	0.09004	347	347	0 ANNUAL	WMRS		5	
TMA	419528	5408593	0.08955	346	346	0 ANNUAL	WMRS		5	
TMA	419528	5408393	0.08973	345	345	0 ANNUAL	WMRS		5	
TMA	419528	5408193	0.08997	343	343	0 ANNUAL	WMRS		5	
TMA	419328	5410993	0.06685	355	355	0 ANNUAL	WMRS		5	
TMA	419328	5410793	0.06706	353	353	0 ANNUAL	WMRS		5	
TMA	419328	5410593	0.06798	353	353	0 ANNUAL	WMRS		5	
TMA	419328	5410393	0.06969	353.58	353.58	0 ANNUAL	WMRS		5	
TMA	419328	5410193	0.07195	353.77	353.77	0 ANNUAL	WMRS		5	
TMA	419328	5409993	0.07437	352	352	0 ANNUAL	WMRS		5	
TMA	419328	5409793	0.07694	351.03	351.03	0 ANNUAL	WMRS		5	
TMA	419328	5409593	0.07946	350.18	350.18	0 ANNUAL	WMRS		5	
TMA	419328	5409393	0.08177	350	350	0 ANNUAL	WMRS		5	
TMA	419328	5409193	0.0832	348.27	348.27	0 ANNUAL	WMRS		5	
TMA	419328	5408993	0.08358	347.63	347.63	0 ANNUAL	WMRS		5	
TMA	419328	5408793	0.08304	347	347	0 ANNUAL	WMRS		5	
TMA	419328	5408593	0.08243	346	346	0 ANNUAL	WMRS		5	
TMA	419328	5408393	0.08239	344.73	344.73	0 ANNUAL	WMRS		5	
TMA	419328	5408193	0.08257	342.09	342.09	0 ANNUAL	WMRS		5	
TMA	419128	5410993	0.06177	355	355	0 ANNUAL	WMRS		5	
TMA	419128	5410793	0.06203	353	353	0 ANNUAL	WMRS		5	
TMA	419128	5410593	0.06281	351	351	0 ANNUAL	WMRS		5	
TMA	419128	5410393	0.0643	350	350	0 ANNUAL	WMRS		5	
TMA	419128	5410193	0.06633	350	350	0 ANNUAL	WMRS		5	
TMA	419128	5409993	0.0686	350	350	0 ANNUAL	WMRS		5	
TMA	419128	5409793	0.07094	350	350	0 ANNUAL	WMRS		5	
TMA	419128	5409593	0.07314	349	349	0 ANNUAL	WMRS		5	
TMA	419128	5409393	0.07514	348	348	0 ANNUAL	WMRS		5	
TMA	419128	5409193	0.07673	348	348	0 ANNUAL	WMRS		5	
TMA	419128	5408993	0.07724	347	347	0 ANNUAL	WMRS		5	
TMA	419128	5408793	0.0768	346	346	0 ANNUAL	WMRS		5	
TMA	419128	5408593	0.07625	346	346	0 ANNUAL	WMRS		5	
TMA	419128	5408393	0.07601	344.6	344.6	0 ANNUAL	WMRS		5	
TMA	419128	5408193	0.07614	342	342	0 ANNUAL	WMRS		5	
TMA	418928	5410993	0.05715	352	352	0 ANNUAL	WMRS		5	
TMA	418928	5410793	0.05748	351	351	0 ANNUAL	WMRS		5	
TMA	418928	5410593	0.05832	350	350	0 ANNUAL	WMRS		5	
TMA	418928	5410393	0.05972	349	349	0 ANNUAL	WMRS		5	
TMA	418928	5410193	0.06156	349	349	0 ANNUAL	WMRS		5	
TMA	418928	5409993	0.06354	348.44	348.44	0 ANNUAL	WMRS		5	
TMA	418928	5409793	0.06559	348	348	0 ANNUAL	WMRS		5	
TMA	418928	5409593	0.06762	348	348	0 ANNUAL	WMRS		5	
TMA	418928	5409393	0.06941	347	347	0 ANNUAL	WMRS		5	
TMA	418928	5409193	0.07093	347	347	0 ANNUAL	WMRS		5	
TMA	418928	5408993	0.07156	346	346	0 ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	418928	5408793	0.0714	345.98	345.98	0 ANNUAL	WMRS			5
TMA	418928	5408593	0.07074	345	345	0 ANNUAL	WMRS			5
TMA	418928	5408393	0.0704	344	344	0 ANNUAL	WMRS			5
TMA	418928	5408193	0.07047	342	342	0 ANNUAL	WMRS			5
TMA	418728	5410993	0.05309	349.6	349.6	0 ANNUAL	WMRS			5
TMA	418728	5410793	0.05345	349	349	0 ANNUAL	WMRS			5
TMA	418728	5410593	0.05427	348.05	348.05	0 ANNUAL	WMRS			5
TMA	418728	5410393	0.05564	348	348	0 ANNUAL	WMRS			5
TMA	418728	5410193	0.05725	347.03	347.03	0 ANNUAL	WMRS			5
TMA	418728	5409993	0.05907	347	347	0 ANNUAL	WMRS			5
TMA	418728	5409793	0.06093	347	347	0 ANNUAL	WMRS			5
TMA	418728	5409593	0.06273	347	347	0 ANNUAL	WMRS			5
TMA	418728	5409393	0.06434	346	346	0 ANNUAL	WMRS			5
TMA	418728	5409193	0.06578	346	346	0 ANNUAL	WMRS			5
TMA	418728	5408993	0.06651	345	345	0 ANNUAL	WMRS			5
TMA	418728	5408793	0.0665	345	345	0 ANNUAL	WMRS			5
TMA	418728	5408593	0.06589	344	344	0 ANNUAL	WMRS			5
TMA	418728	5408393	0.06543	343	343	0 ANNUAL	WMRS			5
TMA	418728	5408193	0.06536	341	341	0 ANNUAL	WMRS			5
TMA	418528	5410993	0.04956	349	349	0 ANNUAL	WMRS			5
TMA	418528	5410793	0.04992	348	348	0 ANNUAL	WMRS			5
TMA	418528	5410593	0.05072	347	347	0 ANNUAL	WMRS			5
TMA	418528	5410393	0.05201	347	347	0 ANNUAL	WMRS			5
TMA	418528	5410193	0.05347	346	346	0 ANNUAL	WMRS			5
TMA	418528	5409993	0.05512	346	346	0 ANNUAL	WMRS			5
TMA	418528	5409793	0.05679	346	346	0 ANNUAL	WMRS			5
TMA	418528	5409593	0.0584	346	346	0 ANNUAL	WMRS			5
TMA	418528	5409393	0.05984	345	345	0 ANNUAL	WMRS			5
TMA	418528	5409193	0.06119	345	345	0 ANNUAL	WMRS			5
TMA	418528	5408993	0.06198	344.08	344.08	0 ANNUAL	WMRS			5
TMA	418528	5408793	0.06211	344	344	0 ANNUAL	WMRS			5
TMA	418528	5408593	0.06168	344	344	0 ANNUAL	WMRS			5
TMA	418528	5408393	0.06115	343	343	0 ANNUAL	WMRS			5
TMA	418528	5408193	0.06103	342	342	0 ANNUAL	WMRS			5
TMA	418328	5410993	0.04643	349	349	0 ANNUAL	WMRS			5
TMA	418328	5410793	0.04681	348	348	0 ANNUAL	WMRS			5
TMA	418328	5410593	0.04761	347	347	0 ANNUAL	WMRS			5
TMA	418328	5410393	0.04875	346	346	0 ANNUAL	WMRS			5
TMA	418328	5410193	0.05016	346	346	0 ANNUAL	WMRS			5
TMA	418328	5409993	0.05165	346	346	0 ANNUAL	WMRS			5
TMA	418328	5409793	0.05309	345	345	0 ANNUAL	WMRS			5
TMA	418328	5409593	0.05454	345	345	0 ANNUAL	WMRS			5
TMA	418328	5409393	0.05591	345	345	0 ANNUAL	WMRS			5
TMA	418328	5409193	0.05708	344	344	0 ANNUAL	WMRS			5
TMA	418328	5408993	0.05797	344	344	0 ANNUAL	WMRS			5
TMA	418328	5408793	0.05822	343.82	343.82	0 ANNUAL	WMRS			5
TMA	418328	5408593	0.05782	343	343	0 ANNUAL	WMRS			5
TMA	418328	5408393	0.05734	343	343	0 ANNUAL	WMRS			5
TMA	418328	5408193	0.0571	342	342	0 ANNUAL	WMRS			5
TMA	418128	5410993	0.04357	348	348	0 ANNUAL	WMRS			5
TMA	418128	5410793	0.04401	348	348	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	418128	5410593	0.04479	347	347	0 ANNUAL	WMRS			5
TMA	418128	5410393	0.04587	346	346	0 ANNUAL	WMRS			5
TMA	418128	5410193	0.04716	346	346	0 ANNUAL	WMRS			5
TMA	418128	5409993	0.04852	346	346	0 ANNUAL	WMRS			5
TMA	418128	5409793	0.04983	345	345	0 ANNUAL	WMRS			5
TMA	418128	5409593	0.05114	345	345	0 ANNUAL	WMRS			5
TMA	418128	5409393	0.05237	345	345	0 ANNUAL	WMRS			5
TMA	418128	5409193	0.05346	344	344	0 ANNUAL	WMRS			5
TMA	418128	5408993	0.05436	344	344	0 ANNUAL	WMRS			5
TMA	418128	5408793	0.05464	343	343	0 ANNUAL	WMRS			5
TMA	418128	5408593	0.05442	343	343	0 ANNUAL	WMRS			5
TMA	418128	5408393	0.05387	342	342	0 ANNUAL	WMRS			5
TMA	418128	5408193	0.05359	342	342	0 ANNUAL	WMRS			5
TMA	417928	5410993	0.04107	349	349	0 ANNUAL	WMRS			5
TMA	417928	5410793	0.04149	348	348	0 ANNUAL	WMRS			5
TMA	417928	5410593	0.04225	347	347	0 ANNUAL	WMRS			5
TMA	417928	5410393	0.04331	347	347	0 ANNUAL	WMRS			5
TMA	417928	5410193	0.04445	346	346	0 ANNUAL	WMRS			5
TMA	417928	5409993	0.04569	346	346	0 ANNUAL	WMRS			5
TMA	417928	5409793	0.04694	346	346	0 ANNUAL	WMRS			5
TMA	417928	5409593	0.04813	346	346	0 ANNUAL	WMRS			5
TMA	417928	5409393	0.04919	345	345	0 ANNUAL	WMRS			5
TMA	417928	5409193	0.05019	344	344	0 ANNUAL	WMRS			5
TMA	417928	5408993	0.05107	344	344	0 ANNUAL	WMRS			5
TMA	417928	5408793	0.05144	343	343	0 ANNUAL	WMRS			5
TMA	417928	5408593	0.05133	343	343	0 ANNUAL	WMRS			5
TMA	417928	5408393	0.05082	342	342	0 ANNUAL	WMRS			5
TMA	417928	5408193	0.05046	342	342	0 ANNUAL	WMRS			5
TMA	417728	5410993	0.03876	349	349	0 ANNUAL	WMRS			5
TMA	417728	5410793	0.03919	348	348	0 ANNUAL	WMRS			5
TMA	417728	5410593	0.03994	347	347	0 ANNUAL	WMRS			5
TMA	417728	5410393	0.04093	347	347	0 ANNUAL	WMRS			5
TMA	417728	5410193	0.04203	347	347	0 ANNUAL	WMRS			5
TMA	417728	5409993	0.04317	347	347	0 ANNUAL	WMRS			5
TMA	417728	5409793	0.04431	347	347	0 ANNUAL	WMRS			5
TMA	417728	5409593	0.04539	347	347	0 ANNUAL	WMRS			5
TMA	417728	5409393	0.04636	346	346	0 ANNUAL	WMRS			5
TMA	417728	5409193	0.04734	345.93	345.93	0 ANNUAL	WMRS			5
TMA	417728	5408993	0.04814	345	345	0 ANNUAL	WMRS			5
TMA	417728	5408793	0.04857	344	344	0 ANNUAL	WMRS			5
TMA	417728	5408593	0.0485	343	343	0 ANNUAL	WMRS			5
TMA	417728	5408393	0.04812	343	343	0 ANNUAL	WMRS			5
TMA	417728	5408193	0.04765	342	342	0 ANNUAL	WMRS			5
TMA	417528	5410993	0.03666	349	349	0 ANNUAL	WMRS			5
TMA	417528	5410793	0.0371	348	348	0 ANNUAL	WMRS			5
TMA	417528	5410593	0.03786	348	348	0 ANNUAL	WMRS			5
TMA	417528	5410393	0.0388	348	348	0 ANNUAL	WMRS			5
TMA	417528	5410193	0.03977	347	347	0 ANNUAL	WMRS			5
TMA	417528	5409993	0.04082	347	347	0 ANNUAL	WMRS			5
TMA	417528	5409793	0.04189	347.42	347.42	0 ANNUAL	WMRS			5
TMA	417528	5409593	0.04285	347	347	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	417528	5409393	0.04378	347	347	0 ANNUAL	WMRS			5
TMA	417528	5409193	0.04463	346	346	0 ANNUAL	WMRS			5
TMA	417528	5408993	0.0454	345	345	0 ANNUAL	WMRS			5
TMA	417528	5408793	0.04594	345	345	0 ANNUAL	WMRS			5
TMA	417528	5408593	0.04597	344	344	0 ANNUAL	WMRS			5
TMA	417528	5408393	0.04559	343	343	0 ANNUAL	WMRS			5
TMA	417528	5408193	0.04512	342	342	0 ANNUAL	WMRS			5
TMA	417328	5410993	0.03475	349	349	0 ANNUAL	WMRS			5
TMA	417328	5410793	0.03523	349	349	0 ANNUAL	WMRS			5
TMA	417328	5410593	0.03593	348	348	0 ANNUAL	WMRS			5
TMA	417328	5410393	0.03681	348	348	0 ANNUAL	WMRS			5
TMA	417328	5410193	0.03774	348	348	0 ANNUAL	WMRS			5
TMA	417328	5409993	0.03867	347	347	0 ANNUAL	WMRS			5
TMA	417328	5409793	0.03959	346	346	0 ANNUAL	WMRS			5
TMA	417328	5409593	0.0405	346	346	0 ANNUAL	WMRS			5
TMA	417328	5409393	0.04134	346	346	0 ANNUAL	WMRS			5
TMA	417328	5409193	0.04211	345	345	0 ANNUAL	WMRS			5
TMA	417328	5408993	0.04289	345	345	0 ANNUAL	WMRS			5
TMA	417328	5408793	0.04346	345	345	0 ANNUAL	WMRS			5
TMA	417328	5408593	0.04357	344	344	0 ANNUAL	WMRS			5
TMA	417328	5408393	0.04329	343	343	0 ANNUAL	WMRS			5
TMA	417328	5408193	0.04281	341.83	341.83	0 ANNUAL	WMRS			5
TMA	417128	5410993	0.03303	350	350	0 ANNUAL	WMRS			5
TMA	417128	5410793	0.03349	349	349	0 ANNUAL	WMRS			5
TMA	417128	5410593	0.03418	348.66	348.66	0 ANNUAL	WMRS			5
TMA	417128	5410393	0.03504	350	350	0 ANNUAL	WMRS			5
TMA	417128	5410193	0.03591	350	350	0 ANNUAL	WMRS			5
TMA	417128	5409993	0.03681	350	350	0 ANNUAL	WMRS			5
TMA	417128	5409793	0.03765	348.57	348.57	0 ANNUAL	WMRS			5
TMA	417128	5409593	0.03841	346.6	346.6	0 ANNUAL	WMRS			5
TMA	417128	5409393	0.03915	346	346	0 ANNUAL	WMRS			5
TMA	417128	5409193	0.03986	345	345	0 ANNUAL	WMRS			5
TMA	417128	5408993	0.04055	344	344	0 ANNUAL	WMRS			5
TMA	417128	5408793	0.04107	343	343	0 ANNUAL	WMRS			5
TMA	417128	5408593	0.04131	343	343	0 ANNUAL	WMRS			5
TMA	417128	5408393	0.04111	342	342	0 ANNUAL	WMRS			5
TMA	417128	5408193	0.04068	341	341	0 ANNUAL	WMRS			5
TMA	416928	5410993	0.03149	353	353	0 ANNUAL	WMRS			5
TMA	416928	5410793	0.03191	350	350	0 ANNUAL	WMRS			5
TMA	416928	5410593	0.03258	349.92	349.92	0 ANNUAL	WMRS			5
TMA	416928	5410393	0.03335	350	350	0 ANNUAL	WMRS			5
TMA	416928	5410193	0.03419	351	351	0 ANNUAL	WMRS			5
TMA	416928	5409993	0.03502	351	351	0 ANNUAL	WMRS			5
TMA	416928	5409793	0.03581	350	350	0 ANNUAL	WMRS			5
TMA	416928	5409593	0.03658	350	350	0 ANNUAL	WMRS			5
TMA	416928	5409393	0.03726	349	349	0 ANNUAL	WMRS			5
TMA	416928	5409193	0.03788	347	347	0 ANNUAL	WMRS			5
TMA	416928	5408993	0.03853	346	346	0 ANNUAL	WMRS			5
TMA	416928	5408793	0.03906	345	345	0 ANNUAL	WMRS			5
TMA	416928	5408593	0.03931	344	344	0 ANNUAL	WMRS			5
TMA	416928	5408393	0.03924	344	344	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	416928	5408193	0.03886	343	343	0 ANNUAL	WMRS			5
TMA	416728	5410993	0.02997	351.06	351.06	0 ANNUAL	WMRS			5
TMA	416728	5410793	0.03045	351	351	0 ANNUAL	WMRS			5
TMA	416728	5410593	0.03107	350	350	0 ANNUAL	WMRS			5
TMA	416728	5410393	0.03182	351	351	0 ANNUAL	WMRS			5
TMA	416728	5410193	0.0326	352	352	0 ANNUAL	WMRS			5
TMA	416728	5409993	0.03337	352	352	0 ANNUAL	WMRS			5
TMA	416728	5409793	0.03411	351	351	0 ANNUAL	WMRS			5
TMA	416728	5409593	0.03479	350	350	0 ANNUAL	WMRS			5
TMA	416728	5409393	0.03543	349.5	349.5	0 ANNUAL	WMRS			5
TMA	416728	5409193	0.03606	349.3	349.3	0 ANNUAL	WMRS			5
TMA	416728	5408993	0.03669	348.99	348.99	0 ANNUAL	WMRS			5
TMA	416728	5408793	0.03722	347.94	347.94	0 ANNUAL	WMRS			5
TMA	416728	5408593	0.03749	346	346	0 ANNUAL	WMRS			5
TMA	416728	5408393	0.03745	345	345	0 ANNUAL	WMRS			5
TMA	416728	5408193	0.03709	343	343	0 ANNUAL	WMRS			5
TMA	416528	5410993	0.02808	361.2	361.2	0 ANNUAL	WMRS			5
TMA	416528	5410793	0.02917	356	356	0 ANNUAL	WMRS			5
TMA	416528	5410593	0.02974	352.93	352.93	0 ANNUAL	WMRS			5
TMA	416528	5410393	0.03038	351	351	0 ANNUAL	WMRS			5
TMA	416528	5410193	0.03113	353	353	0 ANNUAL	WMRS			5
TMA	416528	5409993	0.03187	354	354	0 ANNUAL	WMRS			5
TMA	416528	5409793	0.03256	353	353	0 ANNUAL	WMRS			5
TMA	416528	5409593	0.03319	351.77	351.77	0 ANNUAL	WMRS			5
TMA	416528	5409393	0.03377	351	351	0 ANNUAL	WMRS			5
TMA	416528	5409193	0.03432	350	350	0 ANNUAL	WMRS			5
TMA	416528	5408993	0.03489	349	349	0 ANNUAL	WMRS			5
TMA	416528	5408793	0.03538	347	347	0 ANNUAL	WMRS			5
TMA	416528	5408593	0.03568	345	345	0 ANNUAL	WMRS			5
TMA	416528	5408393	0.03567	343	343	0 ANNUAL	WMRS			5
TMA	416528	5408193	0.0354	341.73	341.73	0 ANNUAL	WMRS			5
TMA	416328	5410993	0.0264	367.86	367.86	0 ANNUAL	WMRS			5
TMA	416328	5410793	0.02757	359	359	0 ANNUAL	WMRS			5
TMA	416328	5410593	0.02849	355.8	355.8	0 ANNUAL	WMRS			5
TMA	416328	5410393	0.02906	352	352	0 ANNUAL	WMRS			5
TMA	416328	5410193	0.02975	353.47	353.47	0 ANNUAL	WMRS			5
TMA	416328	5409993	0.03045	355	355	0 ANNUAL	WMRS			5
TMA	416328	5409793	0.03109	354	354	0 ANNUAL	WMRS			5
TMA	416328	5409593	0.03168	353	353	0 ANNUAL	WMRS			5
TMA	416328	5409393	0.03221	351.99	351.99	0 ANNUAL	WMRS			5
TMA	416328	5409193	0.0327	350	350	0 ANNUAL	WMRS			5
TMA	416328	5408993	0.03322	348.73	348.73	0 ANNUAL	WMRS			5
TMA	416328	5408793	0.0336	344	344	0 ANNUAL	WMRS			5
TMA	416328	5408593	0.03388	341	341	0 ANNUAL	WMRS			5
TMA	416328	5408393	0.034	341	341	0 ANNUAL	WMRS			5
TMA	416328	5408193	0.03384	341	341	0 ANNUAL	WMRS			5
TMA	416128	5410993	0.02542	364.98	364.98	0 ANNUAL	WMRS			5
TMA	416128	5410793	0.02618	361.31	361.31	0 ANNUAL	WMRS			5
TMA	416128	5410593	0.02699	359	359	0 ANNUAL	WMRS			5
TMA	416128	5410393	0.02788	356	356	0 ANNUAL	WMRS			5
TMA	416128	5410193	0.02845	353	353	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	416128	5409993	0.0291	354	354	0 ANNUAL	WMRS			5
TMA	416128	5409793	0.02971	354	354	0 ANNUAL	WMRS			5
TMA	416128	5409593	0.03026	353	353	0 ANNUAL	WMRS			5
TMA	416128	5409393	0.03076	352	352	0 ANNUAL	WMRS			5
TMA	416128	5409193	0.0312	350	350	0 ANNUAL	WMRS			5
TMA	416128	5408993	0.03169	349	349	0 ANNUAL	WMRS			5
TMA	416128	5408793	0.03211	345.96	345.96	0 ANNUAL	WMRS			5
TMA	416128	5408593	0.03239	342.33	342.33	0 ANNUAL	WMRS			5
TMA	416128	5408393	0.03259	343	343	0 ANNUAL	WMRS			5
TMA	416128	5408193	0.03249	343	343	0 ANNUAL	WMRS			5
TMA	418928	5413193	0.06298	371.76	371.76	0 ANNUAL	WMRS			5
TMA	418928	5413393	0.06278	369.38	369.38	0 ANNUAL	WMRS			5
TMA	418928	5413593	0.06141	367.41	367.41	0 ANNUAL	WMRS			5
TMA	418928	5413793	0.05885	372.61	372.61	0 ANNUAL	WMRS			5
TMA	418928	5413993	0.05503	381	381	0 ANNUAL	WMRS			5
TMA	418928	5414193	0.05348	379	379	0 ANNUAL	WMRS			5
TMA	418928	5414393	0.05275	376	376	0 ANNUAL	WMRS			5
TMA	418928	5414593	0.0515	379	379	0 ANNUAL	WMRS			5
TMA	418928	5414793	0.05084	380	380	0 ANNUAL	WMRS			5
TMA	418928	5414993	0.05055	378	378	0 ANNUAL	WMRS			5
TMA	418928	5415193	0.04985	378	378	0 ANNUAL	WMRS			5
TMA	418928	5415393	0.04882	380	380	0 ANNUAL	WMRS			5
TMA	418928	5415593	0.04782	381.68	381.68	0 ANNUAL	WMRS			5
TMA	418928	5415793	0.04741	380.27	380.27	0 ANNUAL	WMRS			5
TMA	418928	5415993	0.04716	378.04	378.04	0 ANNUAL	WMRS			5
TMA	418928	5416193	0.047	373.71	373.71	0 ANNUAL	WMRS			5
TMA	418928	5416393	0.04645	370.1	370.1	0 ANNUAL	WMRS			5
TMA	418928	5416593	0.04554	370	370	0 ANNUAL	WMRS			5
TMA	418928	5416793	0.04448	369	369	0 ANNUAL	WMRS			5
TMA	418928	5416993	0.04327	368.14	368.14	0 ANNUAL	WMRS			5
TMA	418928	5417193	0.04196	368.37	368.37	0 ANNUAL	WMRS			5
TMA	418928	5417393	0.04054	370	370	0 ANNUAL	WMRS			5
TMA	418928	5417593	0.03919	370	370	0 ANNUAL	WMRS			5
TMA	418928	5417793	0.0379	370	370	0 ANNUAL	WMRS			5
TMA	418928	5417993	0.03699	366.1	366.1	0 ANNUAL	WMRS			5
TMA	418928	5418193	0.03583	368	368	0 ANNUAL	WMRS			5
TMA	418928	5418393	0.03501	366.65	366.65	0 ANNUAL	WMRS			5
TMA	418928	5418593	0.03463	361.17	361.17	0 ANNUAL	WMRS			5
TMA	418928	5418793	0.03389	361	361	0 ANNUAL	WMRS			5
TMA	418928	5418993	0.0332	361	361	0 ANNUAL	WMRS			5
TMA	418928	5419193	0.03248	362.73	362.73	0 ANNUAL	WMRS			5
TMA	418728	5413593	0.05828	370	370	0 ANNUAL	WMRS			5
TMA	418728	5413793	0.05637	375.05	375.05	0 ANNUAL	WMRS			5
TMA	418728	5413993	0.05414	375.91	375.91	0 ANNUAL	WMRS			5
TMA	418728	5414193	0.05249	372.18	372.18	0 ANNUAL	WMRS			5
TMA	418728	5414393	0.05078	372.2	372.2	0 ANNUAL	WMRS			5
TMA	418728	5414593	0.04924	375	375	0 ANNUAL	WMRS			5
TMA	418728	5414793	0.04855	375	375	0 ANNUAL	WMRS			5
TMA	418728	5414993	0.04771	378.01	378.01	0 ANNUAL	WMRS			5
TMA	418728	5415193	0.0471	379	379	0 ANNUAL	WMRS			5
TMA	418728	5415393	0.04658	378.19	378.19	0 ANNUAL	WMRS			5



Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	418728	5415593	0.04613	375.93	375.93	0 ANNUAL	WMRS			5
TMA	418728	5415793	0.04573	373	373	0 ANNUAL	WMRS			5
TMA	418728	5415993	0.04522	372	372	0 ANNUAL	WMRS			5
TMA	418728	5416193	0.04481	370	370	0 ANNUAL	WMRS			5
TMA	418728	5416393	0.04429	369	369	0 ANNUAL	WMRS			5
TMA	418728	5416593	0.04367	368	368	0 ANNUAL	WMRS			5
TMA	418728	5416793	0.04292	367	367	0 ANNUAL	WMRS			5
TMA	418728	5416993	0.04202	367	367	0 ANNUAL	WMRS			5
TMA	418728	5417193	0.04099	367	367	0 ANNUAL	WMRS			5
TMA	418728	5417393	0.03986	367.6	367.6	0 ANNUAL	WMRS			5
TMA	418728	5417593	0.03866	368	368	0 ANNUAL	WMRS			5
TMA	418728	5417793	0.03748	366.88	366.88	0 ANNUAL	WMRS			5
TMA	418728	5417993	0.03648	363.2	363.2	0 ANNUAL	WMRS			5
TMA	418728	5418193	0.03543	362.9	362.9	0 ANNUAL	WMRS			5
TMA	418728	5418393	0.03461	361	361	0 ANNUAL	WMRS			5
TMA	418728	5418593	0.03384	360	360	0 ANNUAL	WMRS			5
TMA	418728	5418793	0.03303	360	360	0 ANNUAL	WMRS			5
TMA	418728	5418993	0.0322	361	361	0 ANNUAL	WMRS			5
TMA	418728	5419193	0.03154	361	361	0 ANNUAL	WMRS			5
TMA	418528	5413593	0.05495	371	371	0 ANNUAL	WMRS			5
TMA	418528	5413793	0.05423	371	371	0 ANNUAL	WMRS			5
TMA	418528	5413993	0.05284	369	369	0 ANNUAL	WMRS			5
TMA	418528	5414193	0.05087	370.62	370.62	0 ANNUAL	WMRS			5
TMA	418528	5414393	0.04842	375.56	375.56	0 ANNUAL	WMRS			5
TMA	418528	5414593	0.04657	377.75	377.75	0 ANNUAL	WMRS			5
TMA	418528	5414793	0.04527	380	380	0 ANNUAL	WMRS			5
TMA	418528	5414993	0.04477	380	380	0 ANNUAL	WMRS			5
TMA	418528	5415193	0.04442	380	380	0 ANNUAL	WMRS			5
TMA	418528	5415393	0.04402	380	380	0 ANNUAL	WMRS			5
TMA	418528	5415593	0.04349	380	380	0 ANNUAL	WMRS			5
TMA	418528	5415793	0.04302	378.3	378.3	0 ANNUAL	WMRS			5
TMA	418528	5415993	0.04273	374.67	374.67	0 ANNUAL	WMRS			5
TMA	418528	5416193	0.04254	370	370	0 ANNUAL	WMRS			5
TMA	418528	5416393	0.04209	369	369	0 ANNUAL	WMRS			5
TMA	418528	5416593	0.04164	367.76	367.76	0 ANNUAL	WMRS			5
TMA	418528	5416793	0.04112	366	366	0 ANNUAL	WMRS			5
TMA	418528	5416993	0.04048	365	365	0 ANNUAL	WMRS			5
TMA	418528	5417193	0.03972	365	365	0 ANNUAL	WMRS			5
TMA	418528	5417393	0.03885	365	365	0 ANNUAL	WMRS			5
TMA	418528	5417593	0.03789	365	365	0 ANNUAL	WMRS			5
TMA	418528	5417793	0.03686	364.97	364.97	0 ANNUAL	WMRS			5
TMA	418528	5417993	0.03584	363	363	0 ANNUAL	WMRS			5
TMA	418528	5418193	0.03495	360	360	0 ANNUAL	WMRS			5
TMA	418528	5418393	0.034	360	360	0 ANNUAL	WMRS			5
TMA	418528	5418593	0.03322	359	359	0 ANNUAL	WMRS			5
TMA	418528	5418793	0.03225	360	360	0 ANNUAL	WMRS			5
TMA	418528	5418993	0.03148	360	360	0 ANNUAL	WMRS			5
TMA	418528	5419193	0.03077	360	360	0 ANNUAL	WMRS			5
TMA	418328	5413593	0.05156	370	370	0 ANNUAL	WMRS			5
TMA	418328	5413793	0.05157	367.98	367.98	0 ANNUAL	WMRS			5
TMA	418328	5413993	0.05067	369.86	369.86	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	418328	5414193	0.04903	373.04	373.04	0 ANNUAL	WMRS		5	
TMA	418328	5414393	0.04641	380	380	0 ANNUAL	WMRS		5	
TMA	418328	5414593	0.04482	378.35	378.35	0 ANNUAL	WMRS		5	
TMA	418328	5414793	0.04365	377	377	0 ANNUAL	WMRS		5	
TMA	418328	5414993	0.0428	377	377	0 ANNUAL	WMRS		5	
TMA	418328	5415193	0.04221	378	378	0 ANNUAL	WMRS		5	
TMA	418328	5415393	0.04169	380	380	0 ANNUAL	WMRS		5	
TMA	418328	5415593	0.04135	380	380	0 ANNUAL	WMRS		5	
TMA	418328	5415793	0.04088	380	380	0 ANNUAL	WMRS		5	
TMA	418328	5415993	0.04057	377	377	0 ANNUAL	WMRS		5	
TMA	418328	5416193	0.04028	373.16	373.16	0 ANNUAL	WMRS		5	
TMA	418328	5416393	0.03998	370	370	0 ANNUAL	WMRS		5	
TMA	418328	5416593	0.03963	367.89	367.89	0 ANNUAL	WMRS		5	
TMA	418328	5416793	0.03928	365	365	0 ANNUAL	WMRS		5	
TMA	418328	5416993	0.0388	364	364	0 ANNUAL	WMRS		5	
TMA	418328	5417193	0.03823	363	363	0 ANNUAL	WMRS		5	
TMA	418328	5417393	0.03757	363	363	0 ANNUAL	WMRS		5	
TMA	418328	5417593	0.03683	362.8	362.8	0 ANNUAL	WMRS		5	
TMA	418328	5417793	0.036	362	362	0 ANNUAL	WMRS		5	
TMA	418328	5417993	0.03512	361.94	361.94	0 ANNUAL	WMRS		5	
TMA	418328	5418193	0.03422	361	361	0 ANNUAL	WMRS		5	
TMA	418328	5418393	0.03335	360	360	0 ANNUAL	WMRS		5	
TMA	418328	5418593	0.03256	359	359	0 ANNUAL	WMRS		5	
TMA	418328	5418793	0.03173	359	359	0 ANNUAL	WMRS		5	
TMA	418328	5418993	0.03084	359.74	359.74	0 ANNUAL	WMRS		5	
TMA	418328	5419193	0.02989	362.09	362.09	0 ANNUAL	WMRS		5	
TMA	418128	5413593	0.04834	366	366	0 ANNUAL	WMRS		5	
TMA	418128	5413793	0.04865	366.1	366.1	0 ANNUAL	WMRS		5	
TMA	418128	5413993	0.04833	369	369	0 ANNUAL	WMRS		5	
TMA	418128	5414193	0.04736	371	371	0 ANNUAL	WMRS		5	
TMA	418128	5414393	0.04582	373	373	0 ANNUAL	WMRS		5	
TMA	418128	5414593	0.044	374.6	374.6	0 ANNUAL	WMRS		5	
TMA	418128	5414793	0.042	378.04	378.04	0 ANNUAL	WMRS		5	
TMA	418128	5414993	0.04053	380	380	0 ANNUAL	WMRS		5	
TMA	418128	5415193	0.03994	379	379	0 ANNUAL	WMRS		5	
TMA	418128	5415393	0.03946	380	380	0 ANNUAL	WMRS		5	
TMA	418128	5415593	0.03913	381	381	0 ANNUAL	WMRS		5	
TMA	418128	5415793	0.03893	380	380	0 ANNUAL	WMRS		5	
TMA	418128	5415993	0.03881	376	376	0 ANNUAL	WMRS		5	
TMA	418128	5416193	0.03853	372.29	372.29	0 ANNUAL	WMRS		5	
TMA	418128	5416393	0.03814	370	370	0 ANNUAL	WMRS		5	
TMA	418128	5416593	0.03782	367.02	367.02	0 ANNUAL	WMRS		5	
TMA	418128	5416793	0.03752	364	364	0 ANNUAL	WMRS		5	
TMA	418128	5416993	0.03716	362	362	0 ANNUAL	WMRS		5	
TMA	418128	5417193	0.03668	362	362	0 ANNUAL	WMRS		5	
TMA	418128	5417393	0.03616	363	363	0 ANNUAL	WMRS		5	
TMA	418128	5417593	0.0356	362	362	0 ANNUAL	WMRS		5	
TMA	418128	5417793	0.03496	360	360	0 ANNUAL	WMRS		5	
TMA	418128	5417993	0.03425	359.79	359.79	0 ANNUAL	WMRS		5	
TMA	418128	5418193	0.0335	359.6	359.6	0 ANNUAL	WMRS		5	
TMA	418128	5418393	0.03269	360	360	0 ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	418128	5418593	0.03188	360	360	0 ANNUAL	WMRS		5	
TMA	418128	5418793	0.03106	359.96	359.96	0 ANNUAL	WMRS		5	
TMA	418128	5418993	0.03032	359.34	359.34	0 ANNUAL	WMRS		5	
TMA	418128	5419193	0.0295	360	360	0 ANNUAL	WMRS		5	
TMA	417928	5411193	0.04094	350	350	0 ANNUAL	WMRS		5	
TMA	417928	5411393	0.04098	352.36	352.36	0 ANNUAL	WMRS		5	
TMA	417928	5411593	0.04111	357	357	0 ANNUAL	WMRS		5	
TMA	417928	5411793	0.04062	360.88	360.88	0 ANNUAL	WMRS		5	
TMA	417928	5411993	0.0409	363	363	0 ANNUAL	WMRS		5	
TMA	417928	5412193	0.04159	367.65	367.65	0 ANNUAL	WMRS		5	
TMA	417928	5412393	0.04294	370	370	0 ANNUAL	WMRS		5	
TMA	417928	5412593	0.04409	370	370	0 ANNUAL	WMRS		5	
TMA	417928	5412793	0.04444	368.14	368.14	0 ANNUAL	WMRS		5	
TMA	417928	5412993	0.04445	364	364	0 ANNUAL	WMRS		5	
TMA	417928	5413193	0.04459	362	362	0 ANNUAL	WMRS		5	
TMA	417928	5413393	0.04478	363	363	0 ANNUAL	WMRS		5	
TMA	417928	5413593	0.0452	364.34	364.34	0 ANNUAL	WMRS		5	
TMA	417928	5413793	0.04565	366	366	0 ANNUAL	WMRS		5	
TMA	417928	5413993	0.04578	368.34	368.34	0 ANNUAL	WMRS		5	
TMA	417928	5414193	0.04538	370	370	0 ANNUAL	WMRS		5	
TMA	417928	5414393	0.04428	374	374	0 ANNUAL	WMRS		5	
TMA	417928	5414593	0.0425	378.51	378.51	0 ANNUAL	WMRS		5	
TMA	417928	5414793	0.04068	380.03	380.03	0 ANNUAL	WMRS		5	
TMA	417928	5414993	0.03905	381	381	0 ANNUAL	WMRS		5	
TMA	417928	5415193	0.0381	380	380	0 ANNUAL	WMRS		5	
TMA	417928	5415393	0.03748	380	380	0 ANNUAL	WMRS		5	
TMA	417928	5415593	0.03727	379.01	379.01	0 ANNUAL	WMRS		5	
TMA	417928	5415793	0.03714	378	378	0 ANNUAL	WMRS		5	
TMA	417928	5415993	0.037	376	376	0 ANNUAL	WMRS		5	
TMA	417928	5416193	0.03678	373	373	0 ANNUAL	WMRS		5	
TMA	417928	5416393	0.03644	370.83	370.83	0 ANNUAL	WMRS		5	
TMA	417928	5416593	0.03618	366.14	366.14	0 ANNUAL	WMRS		5	
TMA	417928	5416793	0.03604	360.51	360.51	0 ANNUAL	WMRS		5	
TMA	417928	5416993	0.03566	360	360	0 ANNUAL	WMRS		5	
TMA	417928	5417193	0.03509	362.89	362.89	0 ANNUAL	WMRS		5	
TMA	417928	5417393	0.03457	366.73	366.73	0 ANNUAL	WMRS		5	
TMA	417928	5417593	0.03421	364.97	364.97	0 ANNUAL	WMRS		5	
TMA	417928	5417793	0.03379	360	360	0 ANNUAL	WMRS		5	
TMA	417928	5417993	0.03335	358	358	0 ANNUAL	WMRS		5	
TMA	417928	5418193	0.03272	358	358	0 ANNUAL	WMRS		5	
TMA	417928	5418393	0.03206	358	358	0 ANNUAL	WMRS		5	
TMA	417928	5418593	0.03147	357	357	0 ANNUAL	WMRS		5	
TMA	417928	5418793	0.03065	358	358	0 ANNUAL	WMRS		5	
TMA	417928	5418993	0.02981	359	359	0 ANNUAL	WMRS		5	
TMA	417928	5419193	0.02901	360.05	360.05	0 ANNUAL	WMRS		5	
TMA	417728	5411193	0.03864	350.67	350.67	0 ANNUAL	WMRS		5	
TMA	417728	5411393	0.03872	355	355	0 ANNUAL	WMRS		5	
TMA	417728	5411593	0.03859	358	358	0 ANNUAL	WMRS		5	
TMA	417728	5411793	0.03794	364.92	368	0 ANNUAL	WMRS		5	
TMA	417728	5411993	0.03766	370.95	370.95	0 ANNUAL	WMRS		5	
TMA	417728	5412193	0.03841	371	371	0 ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	417728	5412393	0.03986	370	370	0 ANNUAL	WMRS			5
TMA	417728	5412593	0.04123	368.99	368.99	0 ANNUAL	WMRS			5
TMA	417728	5412793	0.0419	368.26	368.26	0 ANNUAL	WMRS			5
TMA	417728	5412993	0.04189	367.08	367.08	0 ANNUAL	WMRS			5
TMA	417728	5413193	0.04208	361	361	0 ANNUAL	WMRS			5
TMA	417728	5413393	0.04199	363	363	0 ANNUAL	WMRS			5
TMA	417728	5413593	0.04227	364	364	0 ANNUAL	WMRS			5
TMA	417728	5413793	0.04277	365	365	0 ANNUAL	WMRS			5
TMA	417728	5413993	0.04315	367	367	0 ANNUAL	WMRS			5
TMA	417728	5414193	0.04317	369.12	369.12	0 ANNUAL	WMRS			5
TMA	417728	5414393	0.04258	373.75	373.75	0 ANNUAL	WMRS			5
TMA	417728	5414593	0.04127	379	379	0 ANNUAL	WMRS			5
TMA	417728	5414793	0.03968	381	381	0 ANNUAL	WMRS			5
TMA	417728	5414993	0.03812	381	381	0 ANNUAL	WMRS			5
TMA	417728	5415193	0.03686	380	380	0 ANNUAL	WMRS			5
TMA	417728	5415393	0.03623	377	377	0 ANNUAL	WMRS			5
TMA	417728	5415593	0.03581	375.41	375.41	0 ANNUAL	WMRS			5
TMA	417728	5415793	0.03553	374.72	374.72	0 ANNUAL	WMRS			5
TMA	417728	5415993	0.03536	373.61	373.61	0 ANNUAL	WMRS			5
TMA	417728	5416193	0.03517	371.69	371.69	0 ANNUAL	WMRS			5
TMA	417728	5416393	0.03492	369.13	369.13	0 ANNUAL	WMRS			5
TMA	417728	5416593	0.0347	364	364	0 ANNUAL	WMRS			5
TMA	417728	5416793	0.03452	360	360	0 ANNUAL	WMRS			5
TMA	417728	5416993	0.03401	362	362	0 ANNUAL	WMRS			5
TMA	417728	5417193	0.03342	366.63	366.63	0 ANNUAL	WMRS			5
TMA	417728	5417393	0.03292	370	370	0 ANNUAL	WMRS			5
TMA	417728	5417593	0.03285	363.08	363.08	0 ANNUAL	WMRS			5
TMA	417728	5417793	0.03273	358	358	0 ANNUAL	WMRS			5
TMA	417728	5417993	0.03237	357	357	0 ANNUAL	WMRS			5
TMA	417728	5418193	0.03185	357	357	0 ANNUAL	WMRS			5
TMA	417728	5418393	0.03128	356.12	356.12	0 ANNUAL	WMRS			5
TMA	417728	5418593	0.03069	356	356	0 ANNUAL	WMRS			5
TMA	417728	5418793	0.03008	357	357	0 ANNUAL	WMRS			5
TMA	417728	5418993	0.02921	360	360	0 ANNUAL	WMRS			5
TMA	417728	5419193	0.02853	360	360	0 ANNUAL	WMRS			5
TMA	417528	5411193	0.03653	350.96	350.96	0 ANNUAL	WMRS			5
TMA	417528	5411393	0.03647	358.01	358.01	0 ANNUAL	WMRS			5
TMA	417528	5411593	0.03597	363.74	363.74	0 ANNUAL	WMRS			5
TMA	417528	5411793	0.03548	372	372	0 ANNUAL	WMRS			5
TMA	417528	5411993	0.03549	370.99	370.99	0 ANNUAL	WMRS			5
TMA	417528	5412193	0.03607	369.04	369.04	0 ANNUAL	WMRS			5
TMA	417528	5412393	0.03708	370	370	0 ANNUAL	WMRS			5
TMA	417528	5412593	0.03851	368.09	368.09	0 ANNUAL	WMRS			5
TMA	417528	5412793	0.03942	369.26	369.26	0 ANNUAL	WMRS			5
TMA	417528	5412993	0.03955	372	372	0 ANNUAL	WMRS			5
TMA	417528	5413193	0.03984	360	360	0 ANNUAL	WMRS			5
TMA	417528	5413393	0.03972	361.45	361.45	0 ANNUAL	WMRS			5
TMA	417528	5413593	0.03975	363	363	0 ANNUAL	WMRS			5
TMA	417528	5413793	0.04004	365	365	0 ANNUAL	WMRS			5
TMA	417528	5413993	0.04054	366.22	366.22	0 ANNUAL	WMRS			5
TMA	417528	5414193	0.04085	368	368	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	417528	5414393	0.04078	370	370	0 ANNUAL	WMRS		5	
TMA	417528	5414593	0.04013	374.26	374.26	0 ANNUAL	WMRS		5	
TMA	417528	5414793	0.03894	377.96	377.96	0 ANNUAL	WMRS		5	
TMA	417528	5414993	0.03744	380	380	0 ANNUAL	WMRS		5	
TMA	417528	5415193	0.03601	379.84	379.84	0 ANNUAL	WMRS		5	
TMA	417528	5415393	0.03506	377	377	0 ANNUAL	WMRS		5	
TMA	417528	5415593	0.03448	374	374	0 ANNUAL	WMRS		5	
TMA	417528	5415793	0.03411	371.94	371.94	0 ANNUAL	WMRS		5	
TMA	417528	5415993	0.0339	370	370	0 ANNUAL	WMRS		5	
TMA	417528	5416193	0.03367	369	369	0 ANNUAL	WMRS		5	
TMA	417528	5416393	0.03352	365.03	365.03	0 ANNUAL	WMRS		5	
TMA	417528	5416593	0.03336	361	361	0 ANNUAL	WMRS		5	
TMA	417528	5416793	0.03299	361.24	361.24	0 ANNUAL	WMRS		5	
TMA	417528	5416993	0.03235	368.53	368.53	0 ANNUAL	WMRS		5	
TMA	417528	5417193	0.03204	366.5	366.5	0 ANNUAL	WMRS		5	
TMA	417528	5417393	0.03193	361.07	361.07	0 ANNUAL	WMRS		5	
TMA	417528	5417593	0.03189	358	358	0 ANNUAL	WMRS		5	
TMA	417528	5417793	0.03164	357	357	0 ANNUAL	WMRS		5	
TMA	417528	5417993	0.03122	356	356	0 ANNUAL	WMRS		5	
TMA	417528	5418193	0.03079	356	356	0 ANNUAL	WMRS		5	
TMA	417528	5418393	0.03032	355	355	0 ANNUAL	WMRS		5	
TMA	417528	5418593	0.02983	355	355	0 ANNUAL	WMRS		5	
TMA	417528	5418793	0.02931	355	355	0 ANNUAL	WMRS		5	
TMA	417528	5418993	0.02868	358	358	0 ANNUAL	WMRS		5	
TMA	417528	5419193	0.02799	360.85	360.85	0 ANNUAL	WMRS		5	
TMA	417328	5411193	0.03457	350.35	350.35	0 ANNUAL	WMRS		5	
TMA	417328	5411393	0.03466	355.98	355.98	0 ANNUAL	WMRS		5	
TMA	417328	5411593	0.03398	365.62	365.62	0 ANNUAL	WMRS		5	
TMA	417328	5411793	0.03373	370.42	370.42	0 ANNUAL	WMRS		5	
TMA	417328	5411993	0.0338	367.31	367.31	0 ANNUAL	WMRS		5	
TMA	417328	5412193	0.03425	364.03	364.03	0 ANNUAL	WMRS		5	
TMA	417328	5412393	0.03475	368	368	0 ANNUAL	WMRS		5	
TMA	417328	5412593	0.0361	363.72	363.72	0 ANNUAL	WMRS		5	
TMA	417328	5412793	0.03704	367.13	367.13	0 ANNUAL	WMRS		5	
TMA	417328	5412993	0.03757	367.96	367.96	0 ANNUAL	WMRS		5	
TMA	417328	5413193	0.03772	360	360	0 ANNUAL	WMRS		5	
TMA	417328	5413393	0.03768	360.28	360.28	0 ANNUAL	WMRS		5	
TMA	417328	5413593	0.03744	363.32	363.32	0 ANNUAL	WMRS		5	
TMA	417328	5413793	0.0374	367.31	367.31	0 ANNUAL	WMRS		5	
TMA	417328	5413993	0.03779	370	370	0 ANNUAL	WMRS		5	
TMA	417328	5414193	0.03834	370.92	370.92	0 ANNUAL	WMRS		5	
TMA	417328	5414393	0.03867	371	371	0 ANNUAL	WMRS		5	
TMA	417328	5414593	0.03851	373	373	0 ANNUAL	WMRS		5	
TMA	417328	5414793	0.03783	375.88	375.88	0 ANNUAL	WMRS		5	
TMA	417328	5414993	0.03679	377	377	0 ANNUAL	WMRS		5	
TMA	417328	5415193	0.03559	375.97	375.97	0 ANNUAL	WMRS		5	
TMA	417328	5415393	0.03451	373	373	0 ANNUAL	WMRS		5	
TMA	417328	5415593	0.0336	371	371	0 ANNUAL	WMRS		5	
TMA	417328	5415793	0.03292	370	370	0 ANNUAL	WMRS		5	
TMA	417328	5415993	0.03256	368	368	0 ANNUAL	WMRS		5	
TMA	417328	5416193	0.03231	366.12	366.12	0 ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	417328	5416393	0.03216	363.16	363.16	0 ANNUAL	WMRS		5	
TMA	417328	5416593	0.03196	361	361	0 ANNUAL	WMRS		5	
TMA	417328	5416793	0.03159	362.06	362.06	0 ANNUAL	WMRS		5	
TMA	417328	5416993	0.03115	365.53	365.53	0 ANNUAL	WMRS		5	
TMA	417328	5417193	0.03098	361.11	361.11	0 ANNUAL	WMRS		5	
TMA	417328	5417393	0.03097	358	358	0 ANNUAL	WMRS		5	
TMA	417328	5417593	0.03079	357	357	0 ANNUAL	WMRS		5	
TMA	417328	5417793	0.03043	356	356	0 ANNUAL	WMRS		5	
TMA	417328	5417993	0.03008	356	356	0 ANNUAL	WMRS		5	
TMA	417328	5418193	0.02972	356	356	0 ANNUAL	WMRS		5	
TMA	417328	5418393	0.02934	356	356	0 ANNUAL	WMRS		5	
TMA	417328	5418593	0.02892	355.03	355.03	0 ANNUAL	WMRS		5	
TMA	417328	5418793	0.02848	354	354	0 ANNUAL	WMRS		5	
TMA	417328	5418993	0.02786	360	360	0 ANNUAL	WMRS		5	
TMA	417328	5419193	0.02741	363.72	363.72	0 ANNUAL	WMRS		5	
TMA	417128	5411193	0.03291	355.22	355.22	0 ANNUAL	WMRS		5	
TMA	417128	5411393	0.03239	360.89	360.89	0 ANNUAL	WMRS		5	
TMA	417128	5411593	0.03225	365	365	0 ANNUAL	WMRS		5	
TMA	417128	5411793	0.03233	362.92	362.92	0 ANNUAL	WMRS		5	
TMA	417128	5411993	0.03248	360	360	0 ANNUAL	WMRS		5	
TMA	417128	5412193	0.0324	362.97	362.97	0 ANNUAL	WMRS		5	
TMA	417128	5412393	0.03292	363	363	0 ANNUAL	WMRS		5	
TMA	417128	5412593	0.03397	360.19	360.19	0 ANNUAL	WMRS		5	
TMA	417128	5412793	0.03485	359.75	359.75	0 ANNUAL	WMRS		5	
TMA	417128	5412993	0.03549	359.15	359.15	0 ANNUAL	WMRS		5	
TMA	417128	5413193	0.03577	359.43	359.43	0 ANNUAL	WMRS		5	
TMA	417128	5413393	0.03566	362.2	362.2	0 ANNUAL	WMRS		5	
TMA	417128	5413593	0.03529	365.9	365.9	0 ANNUAL	WMRS		5	
TMA	417128	5413793	0.03511	369	369	0 ANNUAL	WMRS		5	
TMA	417128	5413993	0.03496	375.91	375.91	0 ANNUAL	WMRS		5	
TMA	417128	5414193	0.03529	380	380	0 ANNUAL	WMRS		5	
TMA	417128	5414393	0.03617	377.2	377.2	0 ANNUAL	WMRS		5	
TMA	417128	5414593	0.03654	376	376	0 ANNUAL	WMRS		5	
TMA	417128	5414793	0.03642	375	375	0 ANNUAL	WMRS		5	
TMA	417128	5414993	0.03585	374	374	0 ANNUAL	WMRS		5	
TMA	417128	5415193	0.03495	372	372	0 ANNUAL	WMRS		5	
TMA	417128	5415393	0.03389	370	370	0 ANNUAL	WMRS		5	
TMA	417128	5415593	0.03285	368.94	368.94	0 ANNUAL	WMRS		5	
TMA	417128	5415793	0.03207	367	367	0 ANNUAL	WMRS		5	
TMA	417128	5415993	0.03152	365	365	0 ANNUAL	WMRS		5	
TMA	417128	5416193	0.0312	363	363	0 ANNUAL	WMRS		5	
TMA	417128	5416393	0.03098	361	361	0 ANNUAL	WMRS		5	
TMA	417128	5416593	0.03061	361.66	361.66	0 ANNUAL	WMRS		5	
TMA	417128	5416793	0.03047	359.46	359.46	0 ANNUAL	WMRS		5	
TMA	417128	5416993	0.03018	359.27	359.27	0 ANNUAL	WMRS		5	
TMA	417128	5417193	0.02993	358.77	358.77	0 ANNUAL	WMRS		5	
TMA	417128	5417393	0.02991	357.12	357.12	0 ANNUAL	WMRS		5	
TMA	417128	5417593	0.0296	357	357	0 ANNUAL	WMRS		5	
TMA	417128	5417793	0.02929	357	357	0 ANNUAL	WMRS		5	
TMA	417128	5417993	0.02898	357	357	0 ANNUAL	WMRS		5	
TMA	417128	5418193	0.02867	357	357	0 ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	417128	5418393	0.02822	358	358	0 ANNUAL	WMRS			5
TMA	417128	5418593	0.02789	358	358	0 ANNUAL	WMRS			5
TMA	417128	5418793	0.02762	354.68	354.68	0 ANNUAL	WMRS			5
TMA	417128	5418993	0.02705	360	360	0 ANNUAL	WMRS			5
TMA	417128	5419193	0.02666	361	361	0 ANNUAL	WMRS			5
TMA	416928	5411193	0.03129	355.85	355.85	0 ANNUAL	WMRS			5
TMA	416928	5411393	0.0312	357.64	357.64	0 ANNUAL	WMRS			5
TMA	416928	5411593	0.03104	358.44	358.44	0 ANNUAL	WMRS			5
TMA	416928	5411793	0.03106	358.25	358.25	0 ANNUAL	WMRS			5
TMA	416928	5411993	0.03084	360	360	0 ANNUAL	WMRS			5
TMA	416928	5412193	0.03108	358.63	358.63	0 ANNUAL	WMRS			5
TMA	416928	5412393	0.0317	356.3	356.3	0 ANNUAL	WMRS			5
TMA	416928	5412593	0.03178	362.28	362.28	0 ANNUAL	WMRS			5
TMA	416928	5412793	0.03264	363.95	363.95	0 ANNUAL	WMRS			5
TMA	416928	5412993	0.03347	361.2	361.2	0 ANNUAL	WMRS			5
TMA	416928	5413193	0.03389	361	361	0 ANNUAL	WMRS			5
TMA	416928	5413393	0.0339	365.02	365.02	0 ANNUAL	WMRS			5
TMA	416928	5413593	0.03342	370	370	0 ANNUAL	WMRS			5
TMA	416928	5413793	0.03289	374.04	374.04	0 ANNUAL	WMRS			5
TMA	416928	5413993	0.03237	381	381	0 ANNUAL	WMRS			5
TMA	416928	5414193	0.03256	384.64	384.64	0 ANNUAL	WMRS			5
TMA	416928	5414393	0.03358	382.22	382.22	0 ANNUAL	WMRS			5
TMA	416928	5414593	0.03437	379.55	379.55	0 ANNUAL	WMRS			5
TMA	416928	5414793	0.03473	376.84	376.84	0 ANNUAL	WMRS			5
TMA	416928	5414993	0.03463	372.86	372.86	0 ANNUAL	WMRS			5
TMA	416928	5415193	0.03403	370	370	0 ANNUAL	WMRS			5
TMA	416928	5415393	0.03314	368.59	368.59	0 ANNUAL	WMRS			5
TMA	416928	5415593	0.03217	367	367	0 ANNUAL	WMRS			5
TMA	416928	5415793	0.0313	365	365	0 ANNUAL	WMRS			5
TMA	416928	5415993	0.03065	363.11	363.11	0 ANNUAL	WMRS			5
TMA	416928	5416193	0.03016	361.96	361.96	0 ANNUAL	WMRS			5
TMA	416928	5416393	0.02989	360	360	0 ANNUAL	WMRS			5
TMA	416928	5416593	0.02965	359	359	0 ANNUAL	WMRS			5
TMA	416928	5416793	0.02933	359	359	0 ANNUAL	WMRS			5
TMA	416928	5416993	0.0292	358	358	0 ANNUAL	WMRS			5
TMA	416928	5417193	0.02891	358	358	0 ANNUAL	WMRS			5
TMA	416928	5417393	0.02877	357.16	357.16	0 ANNUAL	WMRS			5
TMA	416928	5417593	0.02826	358.41	358.41	0 ANNUAL	WMRS			5
TMA	416928	5417793	0.02806	358	358	0 ANNUAL	WMRS			5
TMA	416928	5417993	0.02778	358	358	0 ANNUAL	WMRS			5
TMA	416928	5418193	0.02736	359	359	0 ANNUAL	WMRS			5
TMA	416928	5418393	0.02701	359.94	359.94	0 ANNUAL	WMRS			5
TMA	416928	5418593	0.02674	360	360	0 ANNUAL	WMRS			5
TMA	416928	5418793	0.02675	356.81	356.81	0 ANNUAL	WMRS			5
TMA	416928	5418993	0.0264	354.87	354.87	0 ANNUAL	WMRS			5
TMA	416928	5419193	0.02608	357.48	357.48	0 ANNUAL	WMRS			5
TMA	416728	5411193	0.0297	351	351	0 ANNUAL	WMRS			5
TMA	416728	5411393	0.0297	355.04	355.04	0 ANNUAL	WMRS			5
TMA	416728	5411593	0.02967	353	353	0 ANNUAL	WMRS			5
TMA	416728	5411793	0.02969	354	354	0 ANNUAL	WMRS			5
TMA	416728	5411993	0.02969	354.98	354.98	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	416728	5412193	0.02974	355.03	355.03	0 ANNUAL	WMRS			5
TMA	416728	5412393	0.02906	367.51	370	0 ANNUAL	WMRS			5
TMA	416728	5412593	0.0295	369	369	0 ANNUAL	WMRS			5
TMA	416728	5412793	0.03057	365.99	365.99	0 ANNUAL	WMRS			5
TMA	416728	5412993	0.03155	363.34	363.34	0 ANNUAL	WMRS			5
TMA	416728	5413193	0.03214	363	363	0 ANNUAL	WMRS			5
TMA	416728	5413393	0.03233	365.94	365.94	0 ANNUAL	WMRS			5
TMA	416728	5413593	0.03204	369	369	0 ANNUAL	WMRS			5
TMA	416728	5413793	0.03144	373.37	373.37	0 ANNUAL	WMRS			5
TMA	416728	5413993	0.03067	380.83	380.83	0 ANNUAL	WMRS			5
TMA	416728	5414193	0.03022	387.57	387.57	0 ANNUAL	WMRS			5
TMA	416728	5414393	0.03086	388	388	0 ANNUAL	WMRS			5
TMA	416728	5414593	0.03209	383.26	383.26	0 ANNUAL	WMRS			5
TMA	416728	5414793	0.03291	378.48	378.48	0 ANNUAL	WMRS			5
TMA	416728	5414993	0.03324	371.99	371.99	0 ANNUAL	WMRS			5
TMA	416728	5415193	0.03294	369	369	0 ANNUAL	WMRS			5
TMA	416728	5415393	0.03228	367.9	367.9	0 ANNUAL	WMRS			5
TMA	416728	5415593	0.03144	366	366	0 ANNUAL	WMRS			5
TMA	416728	5415793	0.03058	364	364	0 ANNUAL	WMRS			5
TMA	416728	5415993	0.02987	362	362	0 ANNUAL	WMRS			5
TMA	416728	5416193	0.02937	360.02	360.02	0 ANNUAL	WMRS			5
TMA	416728	5416393	0.02885	360	360	0 ANNUAL	WMRS			5
TMA	416728	5416593	0.02844	360	360	0 ANNUAL	WMRS			5
TMA	416728	5416793	0.02811	360	360	0 ANNUAL	WMRS			5
TMA	416728	5416993	0.02783	360	360	0 ANNUAL	WMRS			5
TMA	416728	5417193	0.02757	360	360	0 ANNUAL	WMRS			5
TMA	416728	5417393	0.02726	361	361	0 ANNUAL	WMRS			5
TMA	416728	5417593	0.02706	360	360	0 ANNUAL	WMRS			5
TMA	416728	5417793	0.02688	359	359	0 ANNUAL	WMRS			5
TMA	416728	5417993	0.02662	359	359	0 ANNUAL	WMRS			5
TMA	416728	5418193	0.02628	360	360	0 ANNUAL	WMRS			5
TMA	416728	5418393	0.02603	360	360	0 ANNUAL	WMRS			5
TMA	416728	5418593	0.02586	359	359	0 ANNUAL	WMRS			5
TMA	416728	5418793	0.02583	355	355	0 ANNUAL	WMRS			5
TMA	416728	5418993	0.02553	353	353	0 ANNUAL	WMRS			5
TMA	416728	5419193	0.02525	353.31	353.31	0 ANNUAL	WMRS			5
TMA	416528	5411193	0.02752	366.33	366.33	0 ANNUAL	WMRS			5
TMA	416528	5411393	0.02766	364.28	364.28	0 ANNUAL	WMRS			5
TMA	416528	5411593	0.02799	359.9	359.9	0 ANNUAL	WMRS			5
TMA	416528	5411793	0.02831	354.24	354.24	0 ANNUAL	WMRS			5
TMA	416528	5411993	0.02832	356.49	356.49	0 ANNUAL	WMRS			5
TMA	416528	5412193	0.02789	361	361	0 ANNUAL	WMRS			5
TMA	416528	5412393	0.02748	370	370	0 ANNUAL	WMRS			5
TMA	416528	5412593	0.02784	369	369	0 ANNUAL	WMRS			5
TMA	416528	5412793	0.02865	368	368	0 ANNUAL	WMRS			5
TMA	416528	5412993	0.02968	365.46	365.46	0 ANNUAL	WMRS			5
TMA	416528	5413193	0.03044	364	364	0 ANNUAL	WMRS			5
TMA	416528	5413393	0.03082	366	366	0 ANNUAL	WMRS			5
TMA	416528	5413593	0.03074	368	368	0 ANNUAL	WMRS			5
TMA	416528	5413793	0.03008	375.08	375.08	0 ANNUAL	WMRS			5
TMA	416528	5413993	0.02878	385.64	385.64	0 ANNUAL	WMRS			5



Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	416528	5414193	0.02825	390	390	0 ANNUAL	WMRS			5
TMA	416528	5414393	0.02898	388	388	0 ANNUAL	WMRS			5
TMA	416528	5414593	0.03008	384.38	384.38	0 ANNUAL	WMRS			5
TMA	416528	5414793	0.03114	378.5	378.5	0 ANNUAL	WMRS			5
TMA	416528	5414993	0.03178	369	369	0 ANNUAL	WMRS			5
TMA	416528	5415193	0.03171	368	368	0 ANNUAL	WMRS			5
TMA	416528	5415393	0.03131	366	366	0 ANNUAL	WMRS			5
TMA	416528	5415593	0.03065	365	365	0 ANNUAL	WMRS			5
TMA	416528	5415793	0.02987	364	364	0 ANNUAL	WMRS			5
TMA	416528	5415993	0.02912	362	362	0 ANNUAL	WMRS			5
TMA	416528	5416193	0.02851	360.31	360.31	0 ANNUAL	WMRS			5
TMA	416528	5416393	0.02795	360	360	0 ANNUAL	WMRS			5
TMA	416528	5416593	0.02747	360	360	0 ANNUAL	WMRS			5
TMA	416528	5416793	0.027	361	361	0 ANNUAL	WMRS			5
TMA	416528	5416993	0.02671	361	361	0 ANNUAL	WMRS			5
TMA	416528	5417193	0.02647	361	361	0 ANNUAL	WMRS			5
TMA	416528	5417393	0.02627	360.5	360.5	0 ANNUAL	WMRS			5
TMA	416528	5417593	0.02607	360	360	0 ANNUAL	WMRS			5
TMA	416528	5417793	0.02591	359	359	0 ANNUAL	WMRS			5
TMA	416528	5417993	0.0256	360	360	0 ANNUAL	WMRS			5
TMA	416528	5418193	0.02535	360	360	0 ANNUAL	WMRS			5
TMA	416528	5418393	0.02506	361	361	0 ANNUAL	WMRS			5
TMA	416528	5418593	0.02499	358.7	358.7	0 ANNUAL	WMRS			5
TMA	416528	5418793	0.02496	355.78	355.78	0 ANNUAL	WMRS			5
TMA	416528	5418993	0.02469	353	353	0 ANNUAL	WMRS			5
TMA	416528	5419193	0.02444	353	353	0 ANNUAL	WMRS			5
TMA	416328	5411193	0.02618	368.17	368.17	0 ANNUAL	WMRS			5
TMA	416328	5411393	0.02654	361.26	361.26	0 ANNUAL	WMRS			5
TMA	416328	5411593	0.02692	358.01	358.01	0 ANNUAL	WMRS			5
TMA	416328	5411793	0.02695	358	358	0 ANNUAL	WMRS			5
TMA	416328	5411993	0.02669	361	361	0 ANNUAL	WMRS			5
TMA	416328	5412193	0.02651	364	364	0 ANNUAL	WMRS			5
TMA	416328	5412393	0.02634	367	367	0 ANNUAL	WMRS			5
TMA	416328	5412593	0.02638	369.11	369.11	0 ANNUAL	WMRS			5
TMA	416328	5412793	0.02698	368.22	368.22	0 ANNUAL	WMRS			5
TMA	416328	5412993	0.02792	366	366	0 ANNUAL	WMRS			5
TMA	416328	5413193	0.02876	366.02	366.02	0 ANNUAL	WMRS			5
TMA	416328	5413393	0.02933	367.39	367.39	0 ANNUAL	WMRS			5
TMA	416328	5413593	0.02944	369.24	369.24	0 ANNUAL	WMRS			5
TMA	416328	5413793	0.02898	374.95	374.95	0 ANNUAL	WMRS			5
TMA	416328	5413993	0.02803	381.93	381.93	0 ANNUAL	WMRS			5
TMA	416328	5414193	0.02748	385	385	0 ANNUAL	WMRS			5
TMA	416328	5414393	0.02778	384	384	0 ANNUAL	WMRS			5
TMA	416328	5414593	0.02845	382.63	382.63	0 ANNUAL	WMRS			5
TMA	416328	5414793	0.02969	372.81	372.81	0 ANNUAL	WMRS			5
TMA	416328	5414993	0.03022	369	369	0 ANNUAL	WMRS			5
TMA	416328	5415193	0.03038	367	367	0 ANNUAL	WMRS			5
TMA	416328	5415393	0.03022	366	366	0 ANNUAL	WMRS			5
TMA	416328	5415593	0.02979	365	365	0 ANNUAL	WMRS			5
TMA	416328	5415793	0.02914	363	363	0 ANNUAL	WMRS			5
TMA	416328	5415993	0.02843	362	362	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	416328	5416193	0.0277	362	362	0 ANNUAL	WMRS			5
TMA	416328	5416393	0.02705	361.61	361.61	0 ANNUAL	WMRS			5
TMA	416328	5416593	0.02647	362	362	0 ANNUAL	WMRS			5
TMA	416328	5416793	0.02596	363	363	0 ANNUAL	WMRS			5
TMA	416328	5416993	0.02571	361.8	361.8	0 ANNUAL	WMRS			5
TMA	416328	5417193	0.02556	360.19	360.19	0 ANNUAL	WMRS			5
TMA	416328	5417393	0.02544	359	359	0 ANNUAL	WMRS			5
TMA	416328	5417593	0.02513	360	360	0 ANNUAL	WMRS			5
TMA	416328	5417793	0.02477	364.57	364.57	0 ANNUAL	WMRS			5
TMA	416328	5417993	0.02453	367.07	367.07	0 ANNUAL	WMRS			5
TMA	416328	5418193	0.02447	360.1	360.1	0 ANNUAL	WMRS			5
TMA	416328	5418393	0.02432	359	359	0 ANNUAL	WMRS			5
TMA	416328	5418593	0.02404	359.74	359.74	0 ANNUAL	WMRS			5
TMA	416328	5418793	0.02375	361	361	0 ANNUAL	WMRS			5
TMA	416328	5418993	0.02371	358.56	358.56	0 ANNUAL	WMRS			5
TMA	416328	5419193	0.02367	356	356	0 ANNUAL	WMRS			5
TMA	416128	5411193	0.02525	363.71	363.71	0 ANNUAL	WMRS			5
TMA	416128	5411393	0.02542	360.24	360.24	0 ANNUAL	WMRS			5
TMA	416128	5411593	0.02558	359	359	0 ANNUAL	WMRS			5
TMA	416128	5411793	0.02562	359.09	359.09	0 ANNUAL	WMRS			5
TMA	416128	5411993	0.02552	361.11	361.11	0 ANNUAL	WMRS			5
TMA	416128	5412193	0.02532	366	366	0 ANNUAL	WMRS			5
TMA	416128	5412393	0.02509	369.8	369.8	0 ANNUAL	WMRS			5
TMA	416128	5412593	0.02507	370	370	0 ANNUAL	WMRS			5
TMA	416128	5412793	0.02552	368	368	0 ANNUAL	WMRS			5
TMA	416128	5412993	0.02624	368	368	0 ANNUAL	WMRS			5
TMA	416128	5413193	0.02709	369.43	369.43	0 ANNUAL	WMRS			5
TMA	416128	5413393	0.02783	370	370	0 ANNUAL	WMRS			5
TMA	416128	5413593	0.02816	371.19	371.19	0 ANNUAL	WMRS			5
TMA	416128	5413793	0.02783	377.82	377.82	0 ANNUAL	WMRS			5
TMA	416128	5413993	0.02715	381	381	0 ANNUAL	WMRS			5
TMA	416128	5414193	0.02675	380.55	380.55	0 ANNUAL	WMRS			5
TMA	416128	5414393	0.02681	379	379	0 ANNUAL	WMRS			5
TMA	416128	5414593	0.02733	376.1	376.1	0 ANNUAL	WMRS			5
TMA	416128	5414793	0.02817	370.01	370.01	0 ANNUAL	WMRS			5
TMA	416128	5414993	0.02869	368	368	0 ANNUAL	WMRS			5
TMA	416128	5415193	0.02898	367.74	367.74	0 ANNUAL	WMRS			5
TMA	416128	5415393	0.02905	367	367	0 ANNUAL	WMRS			5
TMA	416128	5415593	0.02884	366	366	0 ANNUAL	WMRS			5
TMA	416128	5415793	0.02838	365	365	0 ANNUAL	WMRS			5
TMA	416128	5415993	0.02775	365	365	0 ANNUAL	WMRS			5
TMA	416128	5416193	0.02703	364.42	364.42	0 ANNUAL	WMRS			5
TMA	416128	5416393	0.0263	364.58	364.58	0 ANNUAL	WMRS			5
TMA	416128	5416593	0.02571	363.06	363.06	0 ANNUAL	WMRS			5
TMA	416128	5416793	0.02528	361.67	361.67	0 ANNUAL	WMRS			5
TMA	416128	5416993	0.02502	360	360	0 ANNUAL	WMRS			5
TMA	416128	5417193	0.02481	359	359	0 ANNUAL	WMRS			5
TMA	416128	5417393	0.02453	359.14	359.14	0 ANNUAL	WMRS			5
TMA	416128	5417593	0.02394	367.67	367.67	0 ANNUAL	WMRS			5
TMA	416128	5417793	0.02377	370	370	0 ANNUAL	WMRS			5
TMA	416128	5417993	0.02369	366	366	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	416128	5418193	0.02362	360.39	360.39	0 ANNUAL	WMRS			5
TMA	416128	5418393	0.02338	361.24	361.24	0 ANNUAL	WMRS			5
TMA	416128	5418593	0.02314	362	362	0 ANNUAL	WMRS			5
TMA	416128	5418793	0.02293	362	362	0 ANNUAL	WMRS			5
TMA	416128	5418993	0.02281	360	360	0 ANNUAL	WMRS			5
TMA	416128	5419193	0.02279	358.06	358.06	0 ANNUAL	WMRS			5
TMA	416128	5419693	0.02235	352	352	0 ANNUAL	WMRS			5
TMA	416128	5420193	0.02178	352	352	0 ANNUAL	WMRS			5
TMA	416128	5420693	0.02115	355.74	355.74	0 ANNUAL	WMRS			5
TMA	416128	5421193	0.02036	354.65	354.65	0 ANNUAL	WMRS			5
TMA	416628	5419693	0.02412	354	354	0 ANNUAL	WMRS			5
TMA	416628	5420193	0.02324	357.66	357.66	0 ANNUAL	WMRS			5
TMA	416628	5420693	0.02211	360	360	0 ANNUAL	WMRS			5
TMA	416628	5421193	0.02097	361	361	0 ANNUAL	WMRS			5
TMA	417128	5419693	0.02554	359	359	0 ANNUAL	WMRS			5
TMA	417128	5420193	0.02434	358	358	0 ANNUAL	WMRS			5
TMA	417128	5420693	0.02295	359	359	0 ANNUAL	WMRS			5
TMA	417128	5421193	0.02166	360	360	0 ANNUAL	WMRS			5
TMA	417628	5419693	0.02638	369.5	369.5	0 ANNUAL	WMRS			5
TMA	417628	5420193	0.02481	364.99	364.99	0 ANNUAL	WMRS			5
TMA	417628	5420693	0.02368	361.33	361.33	0 ANNUAL	WMRS			5
TMA	417628	5421193	0.02274	360	360	0 ANNUAL	WMRS			5
TMA	418128	5419693	0.02716	370	370	0 ANNUAL	WMRS			5
TMA	418128	5420193	0.02574	372	372	0 ANNUAL	WMRS			5
TMA	418128	5420693	0.02493	370	370	0 ANNUAL	WMRS			5
TMA	418128	5421193	0.02427	363.83	363.83	0 ANNUAL	WMRS			5
TMA	418628	5419693	0.02932	368.21	368.21	0 ANNUAL	WMRS			5
TMA	418628	5420193	0.02822	371	371	0 ANNUAL	WMRS			5
TMA	418628	5420693	0.02717	371	371	0 ANNUAL	WMRS			5
TMA	418628	5421193	0.0259	367.11	367.11	0 ANNUAL	WMRS			5
TMA	419128	5419693	0.03195	366.45	366.45	0 ANNUAL	WMRS			5
TMA	419128	5420193	0.03023	371	371	0 ANNUAL	WMRS			5
TMA	419128	5420693	0.02836	368.28	368.28	0 ANNUAL	WMRS			5
TMA	419128	5421193	0.02656	360.95	360.95	0 ANNUAL	WMRS			5
TMA	419628	5419693	0.03327	366	366	0 ANNUAL	WMRS			5
TMA	419628	5420193	0.03082	368	368	0 ANNUAL	WMRS			5
TMA	419628	5420693	0.02855	370	370	0 ANNUAL	WMRS			5
TMA	419628	5421193	0.02696	359.49	359.49	0 ANNUAL	WMRS			5
TMA	420128	5419693	0.03358	368	368	0 ANNUAL	WMRS			5
TMA	420128	5420193	0.03103	369	369	0 ANNUAL	WMRS			5
TMA	420128	5420693	0.02893	365.82	365.82	0 ANNUAL	WMRS			5
TMA	420128	5421193	0.0271	362	362	0 ANNUAL	WMRS			5
TMA	420628	5419693	0.03385	370.62	370.62	0 ANNUAL	WMRS			5
TMA	420628	5420193	0.03137	369.51	369.51	0 ANNUAL	WMRS			5
TMA	420628	5420693	0.02928	365	365	0 ANNUAL	WMRS			5
TMA	420628	5421193	0.02747	361	361	0 ANNUAL	WMRS			5
TMA	421128	5419693	0.0342	374	374	0 ANNUAL	WMRS			5
TMA	421128	5420193	0.0322	363	363	0 ANNUAL	WMRS			5
TMA	421128	5420693	0.02971	370	370	0 ANNUAL	WMRS			5
TMA	421128	5421193	0.02818	360	360	0 ANNUAL	WMRS			5
TMA	421628	5419693	0.03562	369.55	369.55	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	421628	5420193	0.03317	367	367	0 ANNUAL	WMRS		5	
TMA	421628	5420693	0.0308	371	371	0 ANNUAL	WMRS		5	
TMA	421628	5421193	0.02903	361	361	0 ANNUAL	WMRS		5	
TMA	422128	5419693	0.03689	368.55	368.55	0 ANNUAL	WMRS		5	
TMA	422128	5420193	0.03429	363	363	0 ANNUAL	WMRS		5	
TMA	422128	5420693	0.03188	361.38	361.38	0 ANNUAL	WMRS		5	
TMA	422128	5421193	0.02999	357.99	357.99	0 ANNUAL	WMRS		5	
TMA	422628	5419693	0.0374	367.99	367.99	0 ANNUAL	WMRS		5	
TMA	422628	5420193	0.03442	370	370	0 ANNUAL	WMRS		5	
TMA	422628	5420693	0.03185	370.78	370.78	0 ANNUAL	WMRS		5	
TMA	422628	5421193	0.02968	369.35	369.35	0 ANNUAL	WMRS		5	
TMA	423128	5419693	0.03802	372.11	372.11	0 ANNUAL	WMRS		5	
TMA	423128	5420193	0.03504	374	374	0 ANNUAL	WMRS		5	
TMA	423128	5420693	0.03238	376.83	376.83	0 ANNUAL	WMRS		5	
TMA	423128	5421193	0.03005	379	379	0 ANNUAL	WMRS		5	
TMA	423628	5419693	0.03917	370	370	0 ANNUAL	WMRS		5	
TMA	423628	5420193	0.0361	371.99	371.99	0 ANNUAL	WMRS		5	
TMA	423628	5420693	0.03319	380	380	0 ANNUAL	WMRS		5	
TMA	423628	5421193	0.03095	378	378	0 ANNUAL	WMRS		5	
TMA	424128	5419693	0.0388	376.22	378	0 ANNUAL	WMRS		5	
TMA	424128	5420193	0.03562	379.73	379.73	0 ANNUAL	WMRS		5	
TMA	424128	5420693	0.03363	366	366	0 ANNUAL	WMRS		5	
TMA	424128	5421193	0.03094	376	376	0 ANNUAL	WMRS		5	
TMA	424628	5419693	0.03824	375.78	375.78	0 ANNUAL	WMRS		5	
TMA	424628	5420193	0.03517	380.21	380.21	0 ANNUAL	WMRS		5	
TMA	424628	5420693	0.03266	380	380	0 ANNUAL	WMRS		5	
TMA	424628	5421193	0.03076	370.14	370.14	0 ANNUAL	WMRS		5	
TMA	425128	5419693	0.03608	376	376	0 ANNUAL	WMRS		5	
TMA	425128	5420193	0.03378	378.67	378.67	0 ANNUAL	WMRS		5	
TMA	425128	5420693	0.03168	380	380	0 ANNUAL	WMRS		5	
TMA	425128	5421193	0.02984	370	370	0 ANNUAL	WMRS		5	
TMA	425628	5419693	0.03267	373.64	373.64	0 ANNUAL	WMRS		5	
TMA	425628	5420193	0.03079	372	372	0 ANNUAL	WMRS		5	
TMA	425628	5420693	0.02878	378	378	0 ANNUAL	WMRS		5	
TMA	425628	5421193	0.0273	379.09	379.09	0 ANNUAL	WMRS		5	
TMA	426128	5419693	0.03208	370.46	370.46	0 ANNUAL	WMRS		5	
TMA	426128	5420193	0.02953	369.35	369.35	0 ANNUAL	WMRS		5	
TMA	426128	5420693	0.02673	378	378	0 ANNUAL	WMRS		5	
TMA	426128	5421193	0.02492	379	379	0 ANNUAL	WMRS		5	
TMA	426628	5419693	0.03306	368.07	368.07	0 ANNUAL	WMRS		5	
TMA	426628	5420193	0.03027	367.52	367.52	0 ANNUAL	WMRS		5	
TMA	426628	5420693	0.02774	369	369	0 ANNUAL	WMRS		5	
TMA	426628	5421193	0.02545	371.25	371.25	0 ANNUAL	WMRS		5	
TMA	427128	5419693	0.03296	373.21	373.21	0 ANNUAL	WMRS		5	
TMA	427128	5420193	0.03064	370.37	370.37	0 ANNUAL	WMRS		5	
TMA	427128	5420693	0.02833	374.18	381	0 ANNUAL	WMRS		5	
TMA	427128	5421193	0.02636	360	381	0 ANNUAL	WMRS		5	
TMA	427628	5419693	0.0324	370.22	370.22	0 ANNUAL	WMRS		5	
TMA	427628	5420193	0.02933	383.07	383.07	0 ANNUAL	WMRS		5	
TMA	427628	5420693	0.02821	366.33	366.33	0 ANNUAL	WMRS		5	
TMA	427628	5421193	0.02666	358	358	0 ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	428128	5419693	0.03291	363.07	363.07	0 ANNUAL	WMRS			5
TMA	428128	5420193	0.02984	370.67	370.67	0 ANNUAL	WMRS			5
TMA	428128	5420693	0.02677	382.97	382.97	0 ANNUAL	WMRS			5
TMA	428128	5421193	0.02577	369.95	369.95	0 ANNUAL	WMRS			5
TMA	428628	5419693	0.03286	376.81	380	0 ANNUAL	WMRS			5
TMA	428628	5420193	0.03045	368.14	368.14	0 ANNUAL	WMRS			5
TMA	428628	5420693	0.02802	367.41	367.41	0 ANNUAL	WMRS			5
TMA	428628	5421193	0.0252	379.67	379.67	0 ANNUAL	WMRS			5
TMA	429128	5419693	0.03112	378	378	0 ANNUAL	WMRS			5
TMA	429128	5420193	0.02996	372.08	372.08	0 ANNUAL	WMRS			5
TMA	429128	5420693	0.02808	361	372	0 ANNUAL	WMRS			5
TMA	429128	5421193	0.02626	360.13	371	0 ANNUAL	WMRS			5
TMA	427628	5419193	0.03544	367.91	367.91	0 ANNUAL	WMRS			5
TMA	427628	5418693	0.03861	374.68	374.68	0 ANNUAL	WMRS			5
TMA	427628	5418193	0.04249	380	380	0 ANNUAL	WMRS			5
TMA	427628	5417693	0.04672	378	378	0 ANNUAL	WMRS			5
TMA	427628	5417193	0.04986	379.31	379.31	0 ANNUAL	WMRS			5
TMA	427628	5416693	0.05223	381	381	0 ANNUAL	WMRS			5
TMA	427628	5416193	0.05499	380	380	0 ANNUAL	WMRS			5
TMA	427628	5415693	0.05738	380	380	0 ANNUAL	WMRS			5
TMA	427628	5415193	0.05938	381	381	0 ANNUAL	WMRS			5
TMA	427628	5414693	0.06038	384.81	384.81	0 ANNUAL	WMRS			5
TMA	427628	5414193	0.06057	387	387	0 ANNUAL	WMRS			5
TMA	427628	5407693	0.09885	363	363	0 ANNUAL	WMRS			5
TMA	427628	5407193	0.08609	356.83	356.83	0 ANNUAL	WMRS			5
TMA	427628	5406693	0.07317	360.9	360.9	0 ANNUAL	WMRS			5
TMA	427628	5406193	0.06268	372.99	372.99	0 ANNUAL	WMRS			5
TMA	428128	5419193	0.03575	374	374	0 ANNUAL	WMRS			5
TMA	428128	5418693	0.03887	375	375	0 ANNUAL	WMRS			5
TMA	428128	5418193	0.04118	380	380	0 ANNUAL	WMRS			5
TMA	428128	5417693	0.04319	379	379	0 ANNUAL	WMRS			5
TMA	428128	5417193	0.04521	378	378	0 ANNUAL	WMRS			5
TMA	428128	5416693	0.04737	376	376	0 ANNUAL	WMRS			5
TMA	428128	5416193	0.04907	376	376	0 ANNUAL	WMRS			5
TMA	428128	5415693	0.05052	378	378	0 ANNUAL	WMRS			5
TMA	428128	5415193	0.05171	380	380	0 ANNUAL	WMRS			5
TMA	428128	5414693	0.05248	380	380	0 ANNUAL	WMRS			5
TMA	428128	5414193	0.04684	400.68	400.68	0 ANNUAL	WMRS			5
TMA	428128	5407193	0.07772	361.11	361.11	0 ANNUAL	WMRS			5
TMA	428128	5406693	0.06757	360.48	360.48	0 ANNUAL	WMRS			5
TMA	428128	5406193	0.0584	367.95	367.95	0 ANNUAL	WMRS			5
TMA	428628	5419193	0.03478	380	380	0 ANNUAL	WMRS			5
TMA	428628	5418693	0.03643	377	377	0 ANNUAL	WMRS			5
TMA	428628	5418193	0.03769	379	379	0 ANNUAL	WMRS			5
TMA	428628	5417693	0.03928	378.24	378.24	0 ANNUAL	WMRS			5
TMA	428628	5417193	0.04052	380	380	0 ANNUAL	WMRS			5
TMA	428628	5416693	0.04211	376	376	0 ANNUAL	WMRS			5
TMA	428628	5416193	0.04362	374	374	0 ANNUAL	WMRS			5
TMA	428628	5415693	0.04456	376	376	0 ANNUAL	WMRS			5
TMA	428628	5415193	0.04352	385.89	408	0 ANNUAL	WMRS			5
TMA	428628	5414693	0.04162	397.09	397.09	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	428628	5414193	0.04091	400.52	410	0 ANNUAL	WMRS			5
TMA	428628	5407193	0.0703	353	353	0 ANNUAL	WMRS			5
TMA	428628	5406693	0.06247	362	362	0 ANNUAL	WMRS			5
TMA	428628	5406193	0.05491	362	362	0 ANNUAL	WMRS			5
TMA	429128	5419193	0.0322	377.26	377.26	0 ANNUAL	WMRS			5
TMA	429128	5418693	0.03324	379	379	0 ANNUAL	WMRS			5
TMA	429128	5418193	0.03439	379.95	379.95	0 ANNUAL	WMRS			5
TMA	429128	5417693	0.03545	379	379	0 ANNUAL	WMRS			5
TMA	429128	5417193	0.03669	375	375	0 ANNUAL	WMRS			5
TMA	429128	5416693	0.03789	373	373	0 ANNUAL	WMRS			5
TMA	429128	5416193	0.03872	373	373	0 ANNUAL	WMRS			5
TMA	429128	5415693	0.03854	379.36	400	0 ANNUAL	WMRS			5
TMA	429128	5413193	0.04342	390	390	0 ANNUAL	WMRS			5
TMA	429128	5412693	0.04184	398.59	398.59	0 ANNUAL	WMRS			5
TMA	429128	5408693	0.06446	389.01	389.01	0 ANNUAL	WMRS			5
TMA	429128	5407193	0.06302	355	355	0 ANNUAL	WMRS			5
TMA	429128	5406693	0.05802	358	358	0 ANNUAL	WMRS			5
TMA	429128	5406193	0.05158	360	360	0 ANNUAL	WMRS			5
TMA	427128	5407693	0.11168	350	350	0 ANNUAL	WMRS			5
TMA	427128	5407193	0.09378	360.73	360.73	0 ANNUAL	WMRS			5
TMA	427128	5406693	0.08009	364.08	364.08	0 ANNUAL	WMRS			5
TMA	427128	5406193	0.07148	369.47	383	0 ANNUAL	WMRS			5
TMA	426628	5407693	0.12576	360.15	360.15	0 ANNUAL	WMRS			5
TMA	426628	5407193	0.10263	370	370	0 ANNUAL	WMRS			5
TMA	426628	5406693	0.08778	379.68	379.68	0 ANNUAL	WMRS			5
TMA	426628	5406193	0.08185	370.4	370.4	0 ANNUAL	WMRS			5
TMA	426128	5407693	0.13366	380.31	380.31	0 ANNUAL	WMRS			5
TMA	426128	5407193	0.11975	370.02	370.02	0 ANNUAL	WMRS			5
TMA	426128	5406693	0.10276	378	378	0 ANNUAL	WMRS			5
TMA	426128	5406193	0.08084	390	390	0 ANNUAL	WMRS			5
TMA	425628	5407693	0.17133	361	361	0 ANNUAL	WMRS			5
TMA	425628	5407193	0.14177	366.13	366.13	0 ANNUAL	WMRS			5
TMA	425628	5406693	0.10983	378.76	378.76	0 ANNUAL	WMRS			5
TMA	425628	5406193	0.08731	382	382	0 ANNUAL	WMRS			5
TMA	425128	5406693	0.11372	373	373	0 ANNUAL	WMRS			5
TMA	425128	5406193	0.08704	377.62	377.62	0 ANNUAL	WMRS			5
TMA	424628	5406693	0.11065	367.47	367.47	0 ANNUAL	WMRS			5
TMA	424628	5406193	0.0859	370	370	0 ANNUAL	WMRS			5
TMA	424128	5407693	0.20493	360.97	360.97	0 ANNUAL	WMRS			5
TMA	424128	5407193	0.14211	366.8	366.8	0 ANNUAL	WMRS			5
TMA	424128	5406693	0.10664	365.76	365.76	0 ANNUAL	WMRS			5
TMA	424128	5406193	0.07924	378.74	378.74	0 ANNUAL	WMRS			5
TMA	423628	5407693	0.19383	359.97	359.97	0 ANNUAL	WMRS			5
TMA	423628	5407193	0.13262	367.85	367.85	0 ANNUAL	WMRS			5
TMA	423628	5406693	0.10178	362.95	362.95	0 ANNUAL	WMRS			5
TMA	423628	5406193	0.07987	363.21	363.21	0 ANNUAL	WMRS			5
TMA	423128	5406693	0.10947	359.65	359.65	0 ANNUAL	WMRS			5
TMA	423128	5406193	0.08625	361	361	0 ANNUAL	WMRS			5
TMA	422628	5407693	0.18724	359.48	359.48	0 ANNUAL	WMRS			5
TMA	422628	5407193	0.13841	360.02	360.02	0 ANNUAL	WMRS			5
TMA	422128	5407693	0.17084	359	359	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	422128	5407193	0.12649	358.4	358.4	0 ANNUAL	WMRS			5
TMA	422128	5406193	0.08037	360	360	0 ANNUAL	WMRS			5
TMA	421628	5407693	0.15331	360	360	0 ANNUAL	WMRS			5
TMA	421628	5407193	0.11973	360	360	0 ANNUAL	WMRS			5
TMA	420128	5406693	0.07019	347	347	0 ANNUAL	WMRS			5
TMA	419628	5406693	0.06518	348	348	0 ANNUAL	WMRS			5
TMA	419128	5407693	0.07658	343	343	0 ANNUAL	WMRS			5
TMA	419128	5407193	0.07125	345.2	345.2	0 ANNUAL	WMRS			5
TMA	419128	5406693	0.06133	348	348	0 ANNUAL	WMRS			5
TMA	419128	5406193	0.05209	349	349	0 ANNUAL	WMRS			5
TMA	418628	5407693	0.06424	342	342	0 ANNUAL	WMRS			5
TMA	418628	5407193	0.0631	344	344	0 ANNUAL	WMRS			5
TMA	418628	5406693	0.05695	342.29	342.29	0 ANNUAL	WMRS			5
TMA	418628	5406193	0.04913	343	343	0 ANNUAL	WMRS			5
TMA	418128	5407693	0.05425	341	341	0 ANNUAL	WMRS			5
TMA	418128	5407193	0.05473	342	342	0 ANNUAL	WMRS			5
TMA	418128	5406693	0.05225	342.64	342.64	0 ANNUAL	WMRS			5
TMA	418128	5406193	0.04665	343	343	0 ANNUAL	WMRS			5
TMA	417628	5407693	0.04639	340	340	0 ANNUAL	WMRS			5
TMA	417628	5407193	0.0473	341	341	0 ANNUAL	WMRS			5
TMA	417628	5406693	0.04692	343	343	0 ANNUAL	WMRS			5
TMA	417628	5406193	0.04387	345	345	0 ANNUAL	WMRS			5
TMA	417128	5407693	0.04029	340	340	0 ANNUAL	WMRS			5
TMA	417128	5407193	0.04112	341	341	0 ANNUAL	WMRS			5
TMA	417128	5406693	0.04156	343	343	0 ANNUAL	WMRS			5
TMA	417128	5406193	0.04041	345	345	0 ANNUAL	WMRS			5
TMA	416628	5407693	0.03548	340	340	0 ANNUAL	WMRS			5
TMA	416628	5407193	0.03603	341	341	0 ANNUAL	WMRS			5
TMA	416628	5406693	0.03671	343	343	0 ANNUAL	WMRS			5
TMA	416628	5406193	0.03661	345	345	0 ANNUAL	WMRS			5
TMA	416128	5407693	0.03166	340	340	0 ANNUAL	WMRS			5
TMA	416128	5407193	0.03186	341.05	341.05	0 ANNUAL	WMRS			5
TMA	416128	5406193	0.03291	346	346	0 ANNUAL	WMRS			5
TMA	415628	5406193	0.02953	346	346	0 ANNUAL	WMRS			5
TMA	415128	5406193	0.02654	344	344	0 ANNUAL	WMRS			5
TMA	414628	5406693	0.02345	340	340	0 ANNUAL	WMRS			5
TMA	414628	5406193	0.02395	341.26	341.26	0 ANNUAL	WMRS			5
TMA	414128	5406693	0.02131	340	340	0 ANNUAL	WMRS			5
TMA	414128	5406193	0.02174	341	341	0 ANNUAL	WMRS			5
TMA	415628	5408193	0.02931	344	344	0 ANNUAL	WMRS			5
TMA	415628	5408693	0.02891	347	347	0 ANNUAL	WMRS			5
TMA	415628	5409193	0.02791	350	350	0 ANNUAL	WMRS			5
TMA	415628	5409693	0.02691	353.49	353.49	0 ANNUAL	WMRS			5
TMA	415628	5410193	0.02562	354.22	354.22	0 ANNUAL	WMRS			5
TMA	415628	5410693	0.02382	362.66	362.66	0 ANNUAL	WMRS			5
TMA	415628	5411193	0.02258	366	366	0 ANNUAL	WMRS			5
TMA	415628	5411693	0.02254	368.95	368.95	0 ANNUAL	WMRS			5
TMA	415628	5412193	0.02272	370	370	0 ANNUAL	WMRS			5
TMA	415628	5412693	0.02246	370.01	370.01	0 ANNUAL	WMRS			5
TMA	415628	5413193	0.02328	372.82	372.82	0 ANNUAL	WMRS			5
TMA	415628	5413693	0.025	380	380	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	415628	5414193	0.02474	378	378	0 ANNUAL	WMRS			5
TMA	415628	5414693	0.02435	373.77	373.77	0 ANNUAL	WMRS			5
TMA	415628	5415193	0.02542	370	370	0 ANNUAL	WMRS			5
TMA	415628	5415693	0.02613	366	366	0 ANNUAL	WMRS			5
TMA	415628	5416193	0.0255	363	363	0 ANNUAL	WMRS			5
TMA	415628	5416693	0.02416	360	360	0 ANNUAL	WMRS			5
TMA	415628	5417193	0.02332	357	357	0 ANNUAL	WMRS			5
TMA	415628	5417693	0.02198	362.86	362.86	0 ANNUAL	WMRS			5
TMA	415628	5418193	0.02153	364.86	364.86	0 ANNUAL	WMRS			5
TMA	415628	5418693	0.02128	360.38	360.38	0 ANNUAL	WMRS			5
TMA	415628	5419193	0.02092	359	359	0 ANNUAL	WMRS			5
TMA	415628	5419693	0.02067	353.8	353.8	0 ANNUAL	WMRS			5
TMA	415628	5420193	0.02024	353.31	353.31	0 ANNUAL	WMRS			5
TMA	415628	5420693	0.0198	354	354	0 ANNUAL	WMRS			5
TMA	415628	5421193	0.01929	354	354	0 ANNUAL	WMRS			5
TMA	415128	5408193	0.02656	345	345	0 ANNUAL	WMRS			5
TMA	415128	5408693	0.02599	347	347	0 ANNUAL	WMRS			5
TMA	415128	5409193	0.02513	349	349	0 ANNUAL	WMRS			5
TMA	415128	5409693	0.02433	354.16	354.16	0 ANNUAL	WMRS			5
TMA	415128	5410193	0.02315	358	358	0 ANNUAL	WMRS			5
TMA	415128	5410693	0.02168	362	362	0 ANNUAL	WMRS			5
TMA	415128	5411193	0.02042	367	367	0 ANNUAL	WMRS			5
TMA	415128	5411693	0.0203	370	370	0 ANNUAL	WMRS			5
TMA	415128	5412193	0.0206	367	367	0 ANNUAL	WMRS			5
TMA	415128	5412693	0.02047	366	366	0 ANNUAL	WMRS			5
TMA	415128	5413193	0.02059	369	369	0 ANNUAL	WMRS			5
TMA	415128	5413693	0.02211	373	373	0 ANNUAL	WMRS			5
TMA	415128	5414193	0.02291	375	375	0 ANNUAL	WMRS			5
TMA	415128	5414693	0.02224	371	371	0 ANNUAL	WMRS			5
TMA	415128	5415193	0.02236	370	370	0 ANNUAL	WMRS			5
TMA	415128	5415693	0.0234	363	363	0 ANNUAL	WMRS			5
TMA	415128	5416193	0.0237	356.02	356.02	0 ANNUAL	WMRS			5
TMA	415128	5416693	0.02296	354	354	0 ANNUAL	WMRS			5
TMA	415128	5417193	0.02193	356	356	0 ANNUAL	WMRS			5
TMA	415128	5417693	0.02074	359	359	0 ANNUAL	WMRS			5
TMA	415128	5418193	0.02038	357.1	357.1	0 ANNUAL	WMRS			5
TMA	415128	5418693	0.01994	356	356	0 ANNUAL	WMRS			5
TMA	415128	5419193	0.01956	356	356	0 ANNUAL	WMRS			5
TMA	415128	5419693	0.01917	355	355	0 ANNUAL	WMRS			5
TMA	415128	5420193	0.0188	355	355	0 ANNUAL	WMRS			5
TMA	415128	5420693	0.01816	361	361	0 ANNUAL	WMRS			5
TMA	415128	5421193	0.01788	360	360	0 ANNUAL	WMRS			5
TMA	414628	5408193	0.02412	344	344	0 ANNUAL	WMRS			5
TMA	414628	5408693	0.02351	346.66	346.66	0 ANNUAL	WMRS			5
TMA	414628	5409193	0.02282	350	350	0 ANNUAL	WMRS			5
TMA	414628	5409693	0.02215	357	357	0 ANNUAL	WMRS			5
TMA	414628	5410193	0.02078	366	366	0 ANNUAL	WMRS			5
TMA	414628	5410693	0.01998	359	359	0 ANNUAL	WMRS			5
TMA	414628	5411193	0.01908	359	359	0 ANNUAL	WMRS			5
TMA	414628	5411693	0.01873	360	360	0 ANNUAL	WMRS			5
TMA	414628	5412193	0.0188	363	363	0 ANNUAL	WMRS			5



Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	414628	5412693	0.0187	367	367	0 ANNUAL	WMRS			5
TMA	414628	5413193	0.0184	371	371	0 ANNUAL	WMRS			5
TMA	414628	5413693	0.01941	371	371	0 ANNUAL	WMRS			5
TMA	414628	5414193	0.0208	370	370	0 ANNUAL	WMRS			5
TMA	414628	5414693	0.02064	369.61	369.61	0 ANNUAL	WMRS			5
TMA	414628	5415193	0.02023	366.83	366.83	0 ANNUAL	WMRS			5
TMA	414628	5415693	0.02128	356.12	356.12	0 ANNUAL	WMRS			5
TMA	414628	5416193	0.02158	350	350	0 ANNUAL	WMRS			5
TMA	414628	5416693	0.02142	350	350	0 ANNUAL	WMRS			5
TMA	414628	5417193	0.02072	352	352	0 ANNUAL	WMRS			5
TMA	414628	5417693	0.0198	353	353	0 ANNUAL	WMRS			5
TMA	414628	5418193	0.01903	354	354	0 ANNUAL	WMRS			5
TMA	414628	5418693	0.01851	355	355	0 ANNUAL	WMRS			5
TMA	414628	5419193	0.01816	356	356	0 ANNUAL	WMRS			5
TMA	414628	5419693	0.01775	358	358	0 ANNUAL	WMRS			5
TMA	414628	5420193	0.01743	358	358	0 ANNUAL	WMRS			5
TMA	414628	5420693	0.01696	360	360	0 ANNUAL	WMRS			5
TMA	414628	5421193	0.01664	360	360	0 ANNUAL	WMRS			5
TMA	414128	5408193	0.022	344	344	0 ANNUAL	WMRS			5
TMA	414128	5408693	0.0214	347	347	0 ANNUAL	WMRS			5
TMA	414128	5409193	0.02082	350	350	0 ANNUAL	WMRS			5
TMA	414128	5409693	0.02011	361	361	0 ANNUAL	WMRS			5
TMA	414128	5410193	0.01924	359	359	0 ANNUAL	WMRS			5
TMA	414128	5410693	0.01856	357	357	0 ANNUAL	WMRS			5
TMA	414128	5411193	0.01699	370.5	370.5	0 ANNUAL	WMRS			5
TMA	414128	5411693	0.01695	364	364	0 ANNUAL	WMRS			5
TMA	414128	5412193	0.01718	362	362	0 ANNUAL	WMRS			5
TMA	414128	5412693	0.01717	367	367	0 ANNUAL	WMRS			5
TMA	414128	5413193	0.0169	368	368	0 ANNUAL	WMRS			5
TMA	414128	5413693	0.01721	370	370	0 ANNUAL	WMRS			5
TMA	414128	5414193	0.01859	367	367	0 ANNUAL	WMRS			5
TMA	414128	5414693	0.01909	363	363	0 ANNUAL	WMRS			5
TMA	414128	5415193	0.01902	358.06	358.06	0 ANNUAL	WMRS			5
TMA	414128	5415693	0.01914	350	350	0 ANNUAL	WMRS			5
TMA	414128	5416193	0.01953	350	350	0 ANNUAL	WMRS			5
TMA	414128	5416693	0.01978	350	350	0 ANNUAL	WMRS			5
TMA	414128	5417193	0.01951	351	351	0 ANNUAL	WMRS			5
TMA	414128	5417693	0.01883	353.76	353.76	0 ANNUAL	WMRS			5
TMA	414128	5418193	0.01802	355	355	0 ANNUAL	WMRS			5
TMA	414128	5418693	0.01738	357	357	0 ANNUAL	WMRS			5
TMA	414128	5419193	0.01683	358	358	0 ANNUAL	WMRS			5
TMA	414128	5419693	0.01644	359	359	0 ANNUAL	WMRS			5
TMA	414128	5420193	0.01619	359	359	0 ANNUAL	WMRS			5
TMA	414128	5420693	0.01587	360	360	0 ANNUAL	WMRS			5
TMA	414128	5421193	0.01557	360	360	0 ANNUAL	WMRS			5
TMA	414128	5422027	0.01512	360	360	0 ANNUAL	WMRS			5
TMA	414128	5422860	0.01474	360	360	0 ANNUAL	WMRS			5
TMA	414128	5423693	0.01426	360	360	0 ANNUAL	WMRS			5
TMA	415100	5422027	0.0172	361	361	0 ANNUAL	WMRS			5
TMA	415100	5422860	0.01632	360	360	0 ANNUAL	WMRS			5
TMA	415100	5423693	0.01536	357.11	357.11	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	416072	5422027	0.01879	349	349	0 ANNUAL	WMRS			5
TMA	416072	5422860	0.01741	350	350	0 ANNUAL	WMRS			5
TMA	416072	5423693	0.01627	351.91	351.91	0 ANNUAL	WMRS			5
TMA	417045	5422027	0.02021	349	349	0 ANNUAL	WMRS			5
TMA	417045	5422860	0.01904	354.82	354.82	0 ANNUAL	WMRS			5
TMA	417045	5423693	0.01783	364.19	364.19	0 ANNUAL	WMRS			5
TMA	418017	5422027	0.02248	343.69	351	0 ANNUAL	WMRS			5
TMA	418017	5422860	0.02093	363.82	363.82	0 ANNUAL	WMRS			5
TMA	418017	5423693	0.0192	361.57	361.57	0 ANNUAL	WMRS			5
TMA	418989	5422027	0.02379	361	361	0 ANNUAL	WMRS			5
TMA	418989	5422860	0.02167	344.52	344.52	0 ANNUAL	WMRS			5
TMA	418989	5423693	0.01982	354.77	354.77	0 ANNUAL	WMRS			5
TMA	419961	5422027	0.02454	349	349	0 ANNUAL	WMRS			5
TMA	419961	5422860	0.02208	343.48	343.48	0 ANNUAL	WMRS			5
TMA	419961	5423693	0.01989	360	360	0 ANNUAL	WMRS			5
TMA	420934	5422027	0.0248	366.69	366.69	0 ANNUAL	WMRS			5
TMA	420934	5422860	0.02298	351	351	0 ANNUAL	WMRS			5
TMA	420934	5423693	0.02098	355.19	355.19	0 ANNUAL	WMRS			5
TMA	421906	5422027	0.02672	355.05	355.05	0 ANNUAL	WMRS			5
TMA	421906	5422860	0.02405	351	351	0 ANNUAL	WMRS			5
TMA	421906	5423693	0.0216	360	360	0 ANNUAL	WMRS			5
TMA	422878	5422027	0.02658	373.63	373.63	0 ANNUAL	WMRS			5
TMA	422878	5422860	0.02464	357	357	0 ANNUAL	WMRS			5
TMA	422878	5423693	0.02199	360.28	360.28	0 ANNUAL	WMRS			5
TMA	423850	5422027	0.02762	379.96	379.96	0 ANNUAL	WMRS			5
TMA	423850	5422860	0.02539	355.8	355.8	0 ANNUAL	WMRS			5
TMA	423850	5423693	0.0227	368.01	368.01	0 ANNUAL	WMRS			5
TMA	424822	5422027	0.02738	364.2	364.2	0 ANNUAL	WMRS			5
TMA	424822	5422860	0.02473	361.94	361.94	0 ANNUAL	WMRS			5
TMA	424822	5423693	0.02224	374	374	0 ANNUAL	WMRS			5
TMA	425795	5422027	0.02463	367	367	0 ANNUAL	WMRS			5
TMA	425795	5422860	0.0227	366	366	0 ANNUAL	WMRS			5
TMA	425795	5423693	0.02098	366.05	366.05	0 ANNUAL	WMRS			5
TMA	426767	5422027	0.02262	368.71	368.71	0 ANNUAL	WMRS			5
TMA	426767	5422860	0.02012	370	370	0 ANNUAL	WMRS			5
TMA	426767	5423693	0.01842	367	367	0 ANNUAL	WMRS			5
TMA	427739	5422027	0.02333	381.56	381.56	0 ANNUAL	WMRS			5
TMA	427739	5422860	0.02111	365	365	0 ANNUAL	WMRS			5
TMA	427739	5423693	0.01891	366	366	0 ANNUAL	WMRS			5
TMA	428711	5422027	0.02326	360.65	360.65	0 ANNUAL	WMRS			5
TMA	428711	5422860	0.0207	369.42	370	0 ANNUAL	WMRS			5
TMA	428711	5423693	0.01877	380.79	380.79	0 ANNUAL	WMRS			5
TMA	429684	5422027	0.02352	351	351	0 ANNUAL	WMRS			5
TMA	429684	5422860	0.02124	351.04	351.04	0 ANNUAL	WMRS			5
TMA	429684	5423693	0.0187	364.07	364.07	0 ANNUAL	WMRS			5
TMA	430656	5422027	0.02202	346	346	0 ANNUAL	WMRS			5
TMA	430656	5422860	0.02071	352	352	0 ANNUAL	WMRS			5
TMA	430656	5423693	0.01915	351.48	351.48	0 ANNUAL	WMRS			5
TMA	431628	5422027	0.01974	351.82	351.82	0 ANNUAL	WMRS			5
TMA	431628	5422860	0.01892	349.61	349.61	0 ANNUAL	WMRS			5
TMA	431628	5423693	0.01793	339	339	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	429961	5421193	0.02527	355.45	355.45	0 ANNUAL	WMRS			5
TMA	429961	5420221	0.02691	362	362	0 ANNUAL	WMRS			5
TMA	429961	5419249	0.02816	374.41	374.41	0 ANNUAL	WMRS			5
TMA	429961	5418277	0.02957	371	371	0 ANNUAL	WMRS			5
TMA	429961	5417304	0.03096	371	371	0 ANNUAL	WMRS			5
TMA	429961	5416332	0.03119	378	378	0 ANNUAL	WMRS			5
TMA	429961	5413415	0.03523	390	390	0 ANNUAL	WMRS			5
TMA	429961	5407582	0.05321	359	359	0 ANNUAL	WMRS			5
TMA	429961	5406610	0.04949	361.02	361.02	0 ANNUAL	WMRS			5
TMA	429961	5405638	0.04085	367	367	0 ANNUAL	WMRS			5
TMA	429961	5404665	0.03361	370	370	0 ANNUAL	WMRS			5
TMA	429961	5403693	0.02892	369	369	0 ANNUAL	WMRS			5
TMA	430795	5421193	0.02288	358	358	0 ANNUAL	WMRS			5
TMA	430795	5420221	0.02374	362	362	0 ANNUAL	WMRS			5
TMA	430795	5419249	0.02448	370	370	0 ANNUAL	WMRS			5
TMA	430795	5418277	0.0255	370	370	0 ANNUAL	WMRS			5
TMA	430795	5417304	0.02516	385.02	385.02	0 ANNUAL	WMRS			5
TMA	430795	5416332	0.026	389.42	390	0 ANNUAL	WMRS			5
TMA	430795	5413415	0.03136	378	378	0 ANNUAL	WMRS			5
TMA	430795	5409527	0.04717	381	381	0 ANNUAL	WMRS			5
TMA	430795	5408554	0.0458	366.09	366.09	0 ANNUAL	WMRS			5
TMA	430795	5406610	0.04205	372.63	372.63	0 ANNUAL	WMRS			5
TMA	430795	5405638	0.03724	370	370	0 ANNUAL	WMRS			5
TMA	430795	5404665	0.03122	365	365	0 ANNUAL	WMRS			5
TMA	430795	5403693	0.0265	362	362	0 ANNUAL	WMRS			5
TMA	431628	5421193	0.01999	369.26	369.26	0 ANNUAL	WMRS			5
TMA	431628	5420221	0.02065	370	370	0 ANNUAL	WMRS			5
TMA	431628	5419249	0.0215	365.51	365.51	0 ANNUAL	WMRS			5
TMA	431628	5418277	0.02177	370.11	392	0 ANNUAL	WMRS			5
TMA	431628	5417304	0.02238	373	391	0 ANNUAL	WMRS			5
TMA	431628	5416332	0.02247	382.43	382.43	0 ANNUAL	WMRS			5
TMA	431628	5415360	0.02508	378.88	378.88	0 ANNUAL	WMRS			5
TMA	431628	5414388	0.02564	379	379	0 ANNUAL	WMRS			5
TMA	431628	5413415	0.02751	376	376	0 ANNUAL	WMRS			5
TMA	431628	5412443	0.03184	380	380	0 ANNUAL	WMRS			5
TMA	431628	5411471	0.03553	382	382	0 ANNUAL	WMRS			5
TMA	431628	5409527	0.03996	381	381	0 ANNUAL	WMRS			5
TMA	431628	5408554	0.03889	361	361	0 ANNUAL	WMRS			5
TMA	431628	5407582	0.03806	368.07	368.07	0 ANNUAL	WMRS			5
TMA	431628	5406610	0.0349	378	378	0 ANNUAL	WMRS			5
TMA	431628	5405638	0.03395	368.84	368.84	0 ANNUAL	WMRS			5
TMA	431628	5404665	0.02879	370	370	0 ANNUAL	WMRS			5
TMA	431628	5403693	0.02447	379.57	379.57	0 ANNUAL	WMRS			5
TMA	429128	5405360	0.04248	363	363	0 ANNUAL	WMRS			5
TMA	429128	5404527	0.03645	368	368	0 ANNUAL	WMRS			5
TMA	429128	5403693	0.03391	369	369	0 ANNUAL	WMRS			5
TMA	428156	5405360	0.04967	362	362	0 ANNUAL	WMRS			5
TMA	428156	5404527	0.04447	370	370	0 ANNUAL	WMRS			5
TMA	428156	5403693	0.03831	369	369	0 ANNUAL	WMRS			5
TMA	427184	5405360	0.06102	368	368	0 ANNUAL	WMRS			5
TMA	427184	5404527	0.04931	367.45	367.45	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	427184	5403693	0.03997	366.53	366.53	0	ANNUAL	WMRS		5
TMA	426211	5405360	0.06638	363.02	363.02	0	ANNUAL	WMRS		5
TMA	426211	5404527	0.05011	369	369	0	ANNUAL	WMRS		5
TMA	426211	5403693	0.03876	367.92	367.92	0	ANNUAL	WMRS		5
TMA	425239	5405360	0.06351	364	364	0	ANNUAL	WMRS		5
TMA	425239	5404527	0.04716	369.22	369.22	0	ANNUAL	WMRS		5
TMA	425239	5403693	0.03737	364.64	364.64	0	ANNUAL	WMRS		5
TMA	424267	5405360	0.06022	361	361	0	ANNUAL	WMRS		5
TMA	424267	5404527	0.04483	361.96	361.96	0	ANNUAL	WMRS		5
TMA	424267	5403693	0.03461	364.64	364.64	0	ANNUAL	WMRS		5
TMA	423295	5405360	0.06039	360	360	0	ANNUAL	WMRS		5
TMA	423295	5404527	0.04638	357	357	0	ANNUAL	WMRS		5
TMA	423295	5403693	0.03595	363	363	0	ANNUAL	WMRS		5
TMA	422322	5405360	0.0616	355	355	0	ANNUAL	WMRS		5
TMA	422322	5404527	0.04782	354	354	0	ANNUAL	WMRS		5
TMA	422322	5403693	0.03839	359	359	0	ANNUAL	WMRS		5
TMA	421350	5404527	0.04359	356.96	356.96	0	ANNUAL	WMRS		5
TMA	421350	5403693	0.03531	359	359	0	ANNUAL	WMRS		5
TMA	420378	5405360	0.05213	360	360	0	ANNUAL	WMRS		5
TMA	420378	5404527	0.03999	349.55	349.55	0	ANNUAL	WMRS		5
TMA	420378	5403693	0.03166	360	360	0	ANNUAL	WMRS		5
TMA	419406	5405360	0.04452	352	352	0	ANNUAL	WMRS		5
TMA	419406	5404527	0.03864	352	352	0	ANNUAL	WMRS		5
TMA	419406	5403693	0.03197	357	357	0	ANNUAL	WMRS		5
TMA	418434	5405360	0.03825	343.7	343.7	0	ANNUAL	WMRS		5
TMA	418434	5404527	0.03242	351	351	0	ANNUAL	WMRS		5
TMA	418434	5403693	0.02908	344.26	344.26	0	ANNUAL	WMRS		5
TMA	417461	5405360	0.03543	349.41	349.41	0	ANNUAL	WMRS		5
TMA	417461	5404527	0.02917	358	358	0	ANNUAL	WMRS		5
TMA	417461	5403693	0.02494	350	350	0	ANNUAL	WMRS		5
TMA	416489	5405360	0.03253	349	349	0	ANNUAL	WMRS		5
TMA	416489	5404527	0.02724	350	350	0	ANNUAL	WMRS		5
TMA	416489	5403693	0.02306	348	348	0	ANNUAL	WMRS		5
TMA	415517	5405360	0.02854	349.67	349.67	0	ANNUAL	WMRS		5
TMA	415517	5404527	0.02559	352.74	352.74	0	ANNUAL	WMRS		5
TMA	415517	5403693	0.0217	348	348	0	ANNUAL	WMRS		5
TMA	414545	5405360	0.02403	346	346	0	ANNUAL	WMRS		5
TMA	414545	5404527	0.02325	349	349	0	ANNUAL	WMRS		5
TMA	414545	5403693	0.02061	348	348	0	ANNUAL	WMRS		5
TMA	413572	5405360	0.02019	343	343	0	ANNUAL	WMRS		5
TMA	413572	5404527	0.02026	342.07	342.07	0	ANNUAL	WMRS		5
TMA	413572	5403693	0.01924	347.01	347.01	0	ANNUAL	WMRS		5
TMA	412600	5405360	0.01715	339.29	339.29	0	ANNUAL	WMRS		5
TMA	412600	5404527	0.01739	337	337	0	ANNUAL	WMRS		5
TMA	412600	5403693	0.0173	341	341	0	ANNUAL	WMRS		5
TMA	411628	5405360	0.01477	343	343	0	ANNUAL	WMRS		5
TMA	411628	5404527	0.0151	339.78	339.78	0	ANNUAL	WMRS		5
TMA	411628	5403693	0.01521	338	338	0	ANNUAL	WMRS		5
TMA	413295	5406193	0.01877	348.65	348.65	0	ANNUAL	WMRS		5
TMA	413295	5407165	0.01892	350	350	0	ANNUAL	WMRS		5
TMA	413295	5408138	0.0191	345	345	0	ANNUAL	WMRS		5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	413295	5409110	0.01806	358.76	358.76	0	ANNUAL	WMRS		5
TMA	413295	5410082	0.01703	358	358	0	ANNUAL	WMRS		5
TMA	413295	5411054	0.01574	355	355	0	ANNUAL	WMRS		5
TMA	413295	5412027	0.01513	356	356	0	ANNUAL	WMRS		5
TMA	413295	5412999	0.01506	359	359	0	ANNUAL	WMRS		5
TMA	413295	5413971	0.01499	365.12	365.12	0	ANNUAL	WMRS		5
TMA	413295	5414943	0.01663	353.61	353.61	0	ANNUAL	WMRS		5
TMA	413295	5415915	0.01656	351	351	0	ANNUAL	WMRS		5
TMA	413295	5416888	0.01712	353	353	0	ANNUAL	WMRS		5
TMA	413295	5417860	0.01704	355	355	0	ANNUAL	WMRS		5
TMA	413295	5418832	0.01582	357	357	0	ANNUAL	WMRS		5
TMA	413295	5419804	0.01468	358.67	358.67	0	ANNUAL	WMRS		5
TMA	413295	5420777	0.01424	359	359	0	ANNUAL	WMRS		5
TMA	413295	5421749	0.01379	360	360	0	ANNUAL	WMRS		5
TMA	413295	5422721	0.01329	361	361	0	ANNUAL	WMRS		5
TMA	413295	5423693	0.013	359.14	359.14	0	ANNUAL	WMRS		5
TMA	412461	5406193	0.01632	345	345	0	ANNUAL	WMRS		5
TMA	412461	5407165	0.01684	348	348	0	ANNUAL	WMRS		5
TMA	412461	5408138	0.01673	348	348	0	ANNUAL	WMRS		5
TMA	412461	5409110	0.01598	355.04	355.04	0	ANNUAL	WMRS		5
TMA	412461	5410082	0.01507	355.14	355.14	0	ANNUAL	WMRS		5
TMA	412461	5411054	0.01395	354	354	0	ANNUAL	WMRS		5
TMA	412461	5412027	0.01308	360	360	0	ANNUAL	WMRS		5
TMA	412461	5412999	0.01329	360	360	0	ANNUAL	WMRS		5
TMA	412461	5413971	0.01311	360	360	0	ANNUAL	WMRS		5
TMA	412461	5414943	0.01432	351	351	0	ANNUAL	WMRS		5
TMA	412461	5415915	0.01463	350	350	0	ANNUAL	WMRS		5
TMA	412461	5416888	0.01471	354	354	0	ANNUAL	WMRS		5
TMA	412461	5417860	0.01523	354	354	0	ANNUAL	WMRS		5
TMA	412461	5418832	0.01474	356	356	0	ANNUAL	WMRS		5
TMA	412461	5419804	0.01345	360	360	0	ANNUAL	WMRS		5
TMA	412461	5420777	0.01276	360	360	0	ANNUAL	WMRS		5
TMA	412461	5421749	0.01264	355	355	0	ANNUAL	WMRS		5
TMA	412461	5422721	0.01228	353	353	0	ANNUAL	WMRS		5
TMA	412461	5423693	0.01173	361	361	0	ANNUAL	WMRS		5
TMA	411628	5406193	0.01445	345	345	0	ANNUAL	WMRS		5
TMA	411628	5407165	0.01509	347	347	0	ANNUAL	WMRS		5
TMA	411628	5408138	0.01476	349	349	0	ANNUAL	WMRS		5
TMA	411628	5409110	0.01415	350	350	0	ANNUAL	WMRS		5
TMA	411628	5410082	0.01338	350	350	0	ANNUAL	WMRS		5
TMA	411628	5411054	0.01248	353.58	353.58	0	ANNUAL	WMRS		5
TMA	411628	5412027	0.01181	356	356	0	ANNUAL	WMRS		5
TMA	411628	5412999	0.01193	353.13	353.13	0	ANNUAL	WMRS		5
TMA	411628	5413971	0.01178	353.37	353.37	0	ANNUAL	WMRS		5
TMA	411628	5414943	0.01231	349.88	349.88	0	ANNUAL	WMRS		5
TMA	411628	5415915	0.01305	359.68	359.68	0	ANNUAL	WMRS		5
TMA	411628	5416888	0.01266	360.86	360.86	0	ANNUAL	WMRS		5
TMA	411628	5417860	0.01314	360	360	0	ANNUAL	WMRS		5
TMA	411628	5418832	0.01354	357	357	0	ANNUAL	WMRS		5
TMA	411628	5419804	0.01274	360	360	0	ANNUAL	WMRS		5
TMA	411628	5420777	0.01175	360	360	0	ANNUAL	WMRS		5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
TMA	411628	5421749	0.01129	360	360	0 ANNUAL	WMRS			5
TMA	411628	5422721	0.01108	361.2	361.2	0 ANNUAL	WMRS			5
TMA	411628	5423693	0.01091	350	350	0 ANNUAL	WMRS			5
MINE	424480	5408573	0.44958	348	348	0 ANNUAL	WMRS			5
MINE	424480	5408523	0.4307	348.55	348.55	0 ANNUAL	WMRS			5
MINE	424480	5408473	0.4124	349	349	0 ANNUAL	WMRS			5
MINE	424480	5408423	0.39533	349.87	349.87	0 ANNUAL	WMRS			5
MINE	424480	5408373	0.37807	350	350	0 ANNUAL	WMRS			5
MINE	424480	5408323	0.36212	350.68	350.68	0 ANNUAL	WMRS			5
MINE	424480	5408273	0.34681	351.34	351.34	0 ANNUAL	WMRS			5
MINE	424430	5408573	0.45766	348	348	0 ANNUAL	WMRS			5
MINE	424430	5408523	0.43748	348.58	348.58	0 ANNUAL	WMRS			5
MINE	424430	5408473	0.41791	349	349	0 ANNUAL	WMRS			5
MINE	424430	5408423	0.39992	350	350	0 ANNUAL	WMRS			5
MINE	424430	5408373	0.3816	350.05	350.05	0 ANNUAL	WMRS			5
MINE	424430	5408323	0.36509	351	351	0 ANNUAL	WMRS			5
MINE	424430	5408273	0.34933	352	352	0 ANNUAL	WMRS			5
MINE	424380	5408573	0.46466	348	348	0 ANNUAL	WMRS			5
MINE	424380	5408523	0.44318	348.61	348.61	0 ANNUAL	WMRS			5
MINE	424380	5408473	0.42238	349	349	0 ANNUAL	WMRS			5
MINE	424380	5408423	0.40339	350	350	0 ANNUAL	WMRS			5
MINE	424380	5408373	0.38523	351	351	0 ANNUAL	WMRS			5
MINE	424380	5408323	0.36718	351.24	351.24	0 ANNUAL	WMRS			5
MINE	424380	5408273	0.35089	352.4	352.4	0 ANNUAL	WMRS			5
MINE	426976	5407714	0.11673	350	350	0 ANNUAL	WMRS			5
MINE	426976	5407615	0.11286	350.8	350.8	0 ANNUAL	WMRS			5
MINE	426976	5407517	0.10914	352.28	352.28	0 ANNUAL	WMRS			5
MINE	426976	5407418	0.10573	356.47	356.47	0 ANNUAL	WMRS			5
MINE	426976	5407319	0.10115	360.1	360.1	0 ANNUAL	WMRS			5
MINE	426976	5407221	0.09677	365.35	365.35	0 ANNUAL	WMRS			5
MINE	426976	5407122	0.09285	369.63	369.63	0 ANNUAL	WMRS			5
MINE	426976	5407023	0.08965	371	371	0 ANNUAL	WMRS			5
MINE	427072	5407714	0.114	350	350	0 ANNUAL	WMRS			5
MINE	427072	5407615	0.11027	350	350	0 ANNUAL	WMRS			5
MINE	427072	5407517	0.1066	350	350	0 ANNUAL	WMRS			5
MINE	427072	5407418	0.10323	352.13	362	0 ANNUAL	WMRS			5
MINE	427072	5407319	0.0988	362.04	362.04	0 ANNUAL	WMRS			5
MINE	427072	5407221	0.09511	364.17	364.17	0 ANNUAL	WMRS			5
MINE	427072	5407122	0.09169	366.09	366.09	0 ANNUAL	WMRS			5
MINE	427072	5407023	0.0885	368	368	0 ANNUAL	WMRS			5
MINE	427168	5407714	0.11142	351	351	0 ANNUAL	WMRS			5
MINE	427168	5407615	0.10783	350	350	0 ANNUAL	WMRS			5
MINE	427168	5407517	0.10436	350	350	0 ANNUAL	WMRS			5
MINE	427168	5407418	0.10094	350	361	0 ANNUAL	WMRS			5
MINE	427168	5407319	0.0981	355.95	361	0 ANNUAL	WMRS			5
MINE	427168	5407221	0.09457	358.24	358.24	0 ANNUAL	WMRS			5
MINE	427168	5407122	0.09072	361.42	361.42	0 ANNUAL	WMRS			5
MINE	427168	5407023	0.08752	363.55	363.55	0 ANNUAL	WMRS			5
MINE	427265	5407714	0.10911	354.98	354.98	0 ANNUAL	WMRS			5
MINE	427265	5407615	0.10569	352.85	352.85	0 ANNUAL	WMRS			5
MINE	427265	5407517	0.10226	351	351	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	427265	5407418	0.09891	350	350	0 ANNUAL	WMRS		5	
MINE	427265	5407319	0.09599	352.94	352.94	0 ANNUAL	WMRS		5	
MINE	427265	5407221	0.09299	357.79	357.79	0 ANNUAL	WMRS		5	
MINE	427265	5407122	0.08932	360	360	0 ANNUAL	WMRS		5	
MINE	427265	5407023	0.08638	360.72	360.72	0 ANNUAL	WMRS		5	
MINE	427361	5407714	0.10643	358.39	358.39	0 ANNUAL	WMRS		5	
MINE	427361	5407615	0.10355	356.25	356.25	0 ANNUAL	WMRS		5	
MINE	427361	5407517	0.10024	352.64	352.64	0 ANNUAL	WMRS		5	
MINE	427361	5407418	0.09693	350	350	0 ANNUAL	WMRS		5	
MINE	427361	5407319	0.09407	351.93	351.93	0 ANNUAL	WMRS		5	
MINE	427361	5407221	0.09129	354.41	354.41	0 ANNUAL	WMRS		5	
MINE	427361	5407122	0.08857	357.1	357.1	0 ANNUAL	WMRS		5	
MINE	427361	5407023	0.08497	360	360	0 ANNUAL	WMRS		5	
MINE	427457	5407714	0.10379	361	361	0 ANNUAL	WMRS		5	
MINE	427457	5407615	0.10098	358.98	358.98	0 ANNUAL	WMRS		5	
MINE	427457	5407517	0.09829	355.42	355.42	0 ANNUAL	WMRS		5	
MINE	427457	5407418	0.09516	352.23	352.23	0 ANNUAL	WMRS		5	
MINE	427457	5407319	0.09219	351	351	0 ANNUAL	WMRS		5	
MINE	427457	5407221	0.08944	352	352	0 ANNUAL	WMRS		5	
MINE	427457	5407122	0.08682	353.97	353.97	0 ANNUAL	WMRS		5	
MINE	427457	5407023	0.08384	358.55	358.55	0 ANNUAL	WMRS		5	
MINE	427553	5407714	0.10129	362	362	0 ANNUAL	WMRS		5	
MINE	427553	5407615	0.09864	360	360	0 ANNUAL	WMRS		5	
MINE	427553	5407517	0.09605	358.25	358.25	0 ANNUAL	WMRS		5	
MINE	427553	5407418	0.09322	358.56	358.56	0 ANNUAL	WMRS		5	
MINE	427553	5407319	0.0907	355.17	355.17	0 ANNUAL	WMRS		5	
MINE	427553	5407221	0.08782	352.25	352.25	0 ANNUAL	WMRS		5	
MINE	427553	5407122	0.08508	351	351	0 ANNUAL	WMRS		5	
MINE	427553	5407023	0.08272	353.88	353.88	0 ANNUAL	WMRS		5	
MINE	427649	5407714	0.09881	364.04	364.04	0 ANNUAL	WMRS		5	
MINE	427649	5407615	0.09638	362.25	362.25	0 ANNUAL	WMRS		5	
MINE	427649	5407517	0.09367	364.29	364.29	0 ANNUAL	WMRS		5	
MINE	427649	5407418	0.09082	364.9	364.9	0 ANNUAL	WMRS		5	
MINE	427649	5407319	0.08835	361.58	366	0 ANNUAL	WMRS		5	
MINE	427649	5407221	0.0859	359.57	359.57	0 ANNUAL	WMRS		5	
MINE	427649	5407122	0.08368	352.5	361	0 ANNUAL	WMRS		5	
MINE	427649	5407023	0.08122	352.5	352.5	0 ANNUAL	WMRS		5	
MINE	427745	5407517	0.09132	369.72	369.72	0 ANNUAL	WMRS		5	
MINE	427745	5407418	0.08844	371	371	0 ANNUAL	WMRS		5	
MINE	427745	5407319	0.08598	369.08	369.08	0 ANNUAL	WMRS		5	
MINE	427745	5407221	0.0839	363.91	363.91	0 ANNUAL	WMRS		5	
MINE	427745	5407122	0.0824	356.34	362	0 ANNUAL	WMRS		5	
MINE	427745	5407023	0.07983	352.45	352.45	0 ANNUAL	WMRS		5	
MINE	427842	5407517	0.0893	371.09	371.09	0 ANNUAL	WMRS		5	
MINE	427842	5407418	0.08666	372	372	0 ANNUAL	WMRS		5	
MINE	427842	5407319	0.0843	370.39	370.39	0 ANNUAL	WMRS		5	
MINE	427842	5407221	0.08213	367.13	367.13	0 ANNUAL	WMRS		5	
MINE	427842	5407122	0.08042	359.72	359.72	0 ANNUAL	WMRS		5	
MINE	427842	5407023	0.07845	352	352	0 ANNUAL	WMRS		5	
MINE	427938	5407517	0.08736	371.85	371.85	0 ANNUAL	WMRS		5	
MINE	427938	5407418	0.08516	371	371	0 ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	427938	5407319	0.08293	369.44	369.44	0 ANNUAL	WMRS			5
MINE	427938	5407221	0.08097	364.3	364.3	0 ANNUAL	WMRS			5
MINE	427938	5407122	0.07915	358.83	358.83	0 ANNUAL	WMRS			5
MINE	427938	5407023	0.07716	352.66	352.66	0 ANNUAL	WMRS			5
MINE	428034	5407517	0.08561	370.57	370.57	0 ANNUAL	WMRS			5
MINE	428034	5407418	0.08351	371	371	0 ANNUAL	WMRS			5
MINE	428034	5407319	0.08152	368.49	368.49	0 ANNUAL	WMRS			5
MINE	428034	5407221	0.07959	363.72	363.72	0 ANNUAL	WMRS			5
MINE	428034	5407122	0.07775	358.93	358.93	0 ANNUAL	WMRS			5
MINE	428034	5407023	0.0759	353.71	353.71	0 ANNUAL	WMRS			5
MINE	428130	5407517	0.08374	370	370	0 ANNUAL	WMRS			5
MINE	428130	5407418	0.08193	370	370	0 ANNUAL	WMRS			5
MINE	428130	5407319	0.08007	367.55	367.55	0 ANNUAL	WMRS			5
MINE	428130	5407221	0.07821	362.59	362.59	0 ANNUAL	WMRS			5
MINE	428130	5407122	0.07654	357.97	357.97	0 ANNUAL	WMRS			5
MINE	428130	5407023	0.07456	352.97	352.97	0 ANNUAL	WMRS			5
MINE	426880	5407696	0.1191	353.15	353.15	0 ANNUAL	WMRS			5
MINE	426880	5407600	0.11512	354.09	354.09	0 ANNUAL	WMRS			5
MINE	426880	5407504	0.11134	355.99	355.99	0 ANNUAL	WMRS			5
MINE	426880	5407408	0.10713	358.33	358.33	0 ANNUAL	WMRS			5
MINE	426880	5407312	0.1025	362.3	362.3	0 ANNUAL	WMRS			5
MINE	426880	5407216	0.09816	367.62	367.62	0 ANNUAL	WMRS			5
MINE	426880	5407119	0.09435	370.93	370.93	0 ANNUAL	WMRS			5
MINE	426880	5407023	0.091	372.97	372.97	0 ANNUAL	WMRS			5
MINE	426781	5407696	0.12226	356	356	0 ANNUAL	WMRS			5
MINE	426781	5407600	0.11805	357.04	357.04	0 ANNUAL	WMRS			5
MINE	426781	5407504	0.11333	358.56	358.56	0 ANNUAL	WMRS			5
MINE	426781	5407408	0.10877	360.61	360.61	0 ANNUAL	WMRS			5
MINE	426781	5407312	0.1042	364.81	364.81	0 ANNUAL	WMRS			5
MINE	426781	5407216	0.09983	369.68	369.68	0 ANNUAL	WMRS			5
MINE	426781	5407119	0.09613	372	372	0 ANNUAL	WMRS			5
MINE	426781	5407023	0.09274	374	374	0 ANNUAL	WMRS			5
MINE	426683	5407696	0.12458	359.06	359.06	0 ANNUAL	WMRS			5
MINE	426683	5407600	0.11974	359.98	359.98	0 ANNUAL	WMRS			5
MINE	426683	5407504	0.11511	361.25	361.25	0 ANNUAL	WMRS			5
MINE	426683	5407408	0.11047	363.89	363.89	0 ANNUAL	WMRS			5
MINE	426683	5407312	0.10602	367.43	367.43	0 ANNUAL	WMRS			5
MINE	426683	5407216	0.10202	370	370	0 ANNUAL	WMRS			5
MINE	426683	5407119	0.09839	371.94	371.94	0 ANNUAL	WMRS			5
MINE	426683	5407023	0.09502	374.04	374.04	0 ANNUAL	WMRS			5
MINE	426584	5407696	0.12691	361.53	361.53	0 ANNUAL	WMRS			5
MINE	426584	5407600	0.12191	362.53	362.53	0 ANNUAL	WMRS			5
MINE	426584	5407504	0.11742	362.88	362.88	0 ANNUAL	WMRS			5
MINE	426584	5407408	0.11293	364.48	364.48	0 ANNUAL	WMRS			5
MINE	426584	5407312	0.10854	367.47	367.47	0 ANNUAL	WMRS			5
MINE	426584	5407216	0.10452	369.98	369.98	0 ANNUAL	WMRS			5
MINE	426584	5407119	0.10092	371.96	371.96	0 ANNUAL	WMRS			5
MINE	426584	5407023	0.09759	374.1	374.1	0 ANNUAL	WMRS			5
MINE	426485	5407696	0.12905	365.1	365.1	0 ANNUAL	WMRS			5
MINE	426485	5407600	0.12372	366.91	366.91	0 ANNUAL	WMRS			5
MINE	426485	5407504	0.11928	366.8	366.8	0 ANNUAL	WMRS			5



Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	426485	5407408	0.11566	364.84	364.84	0 ANNUAL	WMRS			5
MINE	426485	5407312	0.11201	364.7	364.7	0 ANNUAL	WMRS			5
MINE	426485	5407216	0.10766	368.85	368.85	0 ANNUAL	WMRS			5
MINE	426485	5407119	0.10375	372.01	372.01	0 ANNUAL	WMRS			5
MINE	426485	5407023	0.10017	375.06	375.06	0 ANNUAL	WMRS			5
MINE	426387	5407696	0.1313	368.41	368.41	0 ANNUAL	WMRS			5
MINE	426387	5407600	0.12583	370	370	0 ANNUAL	WMRS			5
MINE	426387	5407504	0.12097	371	371	0 ANNUAL	WMRS			5
MINE	426387	5407408	0.11778	368.39	368.39	0 ANNUAL	WMRS			5
MINE	426387	5407312	0.11481	366.06	366.06	0 ANNUAL	WMRS			5
MINE	426387	5407216	0.11014	370.9	370.9	0 ANNUAL	WMRS			5
MINE	426387	5407119	0.10661	373	373	0 ANNUAL	WMRS			5
MINE	426387	5407023	0.10339	375.21	375.21	0 ANNUAL	WMRS			5
MINE	426288	5407696	0.13372	370.89	370.89	0 ANNUAL	WMRS			5
MINE	426288	5407600	0.12747	373.78	373.78	0 ANNUAL	WMRS			5
MINE	426288	5407504	0.12359	372.5	372.5	0 ANNUAL	WMRS			5
MINE	426288	5407408	0.12118	368.33	368.33	0 ANNUAL	WMRS			5
MINE	426288	5407312	0.11791	367.43	367.43	0 ANNUAL	WMRS			5
MINE	426288	5407216	0.11363	370.96	370.96	0 ANNUAL	WMRS			5
MINE	426288	5407119	0.11017	373	373	0 ANNUAL	WMRS			5
MINE	426288	5407023	0.10731	374.27	374.27	0 ANNUAL	WMRS			5
MINE	426189	5407696	0.13428	376.58	376.58	0 ANNUAL	WMRS			5
MINE	426189	5407600	0.12937	376.59	376.59	0 ANNUAL	WMRS			5
MINE	426189	5407504	0.12721	372.44	372.44	0 ANNUAL	WMRS			5
MINE	426189	5407408	0.12472	369	369	0 ANNUAL	WMRS			5
MINE	426189	5407312	0.1216	368	368	0 ANNUAL	WMRS			5
MINE	426189	5407216	0.11786	370	370	0 ANNUAL	WMRS			5
MINE	426189	5407119	0.11441	372	372	0 ANNUAL	WMRS			5
MINE	426189	5407023	0.11143	373.32	373.32	0 ANNUAL	WMRS			5
MINE	426091	5407696	0.13463	381	381	0 ANNUAL	WMRS			5
MINE	426091	5407600	0.13309	376.7	376.7	0 ANNUAL	WMRS			5
MINE	426091	5407504	0.13223	370.39	370.39	0 ANNUAL	WMRS			5
MINE	426091	5407408	0.12894	369	369	0 ANNUAL	WMRS			5
MINE	426091	5407312	0.12538	369.4	369.4	0 ANNUAL	WMRS			5
MINE	426091	5407216	0.12206	370.02	370.02	0 ANNUAL	WMRS			5
MINE	426091	5407119	0.11875	371.24	371.24	0 ANNUAL	WMRS			5
MINE	426091	5407023	0.11539	373	373	0 ANNUAL	WMRS			5
MINE	425992	5407696	0.1425	376.16	376.16	0 ANNUAL	WMRS			5
MINE	425992	5407600	0.13896	374.34	374.34	0 ANNUAL	WMRS			5
MINE	425992	5407504	0.13688	370.33	370.33	0 ANNUAL	WMRS			5
MINE	425992	5407408	0.1336	369	369	0 ANNUAL	WMRS			5
MINE	425992	5407312	0.13007	369.11	369.11	0 ANNUAL	WMRS			5
MINE	425992	5407216	0.12649	370	370	0 ANNUAL	WMRS			5
MINE	425992	5407119	0.12295	371.08	371.08	0 ANNUAL	WMRS			5
MINE	425992	5407023	0.11927	372.64	372.64	0 ANNUAL	WMRS			5
MINE	425893	5407696	0.15031	371.62	371.62	0 ANNUAL	WMRS			5
MINE	425893	5407600	0.14567	371.42	371.42	0 ANNUAL	WMRS			5
MINE	425893	5407504	0.14246	369.27	369.27	0 ANNUAL	WMRS			5
MINE	425893	5407408	0.13899	368	368	0 ANNUAL	WMRS			5
MINE	425893	5407312	0.13524	368	368	0 ANNUAL	WMRS			5
MINE	425893	5407216	0.13127	369.05	369.05	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	425893	5407119	0.12723	370.35	370.35	0 ANNUAL	WMRS			5
MINE	425893	5407023	0.12286	372.49	372.49	0 ANNUAL	WMRS			5
MINE	425794	5407696	0.15789	368	368	0 ANNUAL	WMRS			5
MINE	425794	5407600	0.15254	369	369	0 ANNUAL	WMRS			5
MINE	425794	5407504	0.1485	368	368	0 ANNUAL	WMRS			5
MINE	425794	5407408	0.14485	366.01	366.01	0 ANNUAL	WMRS			5
MINE	425794	5407312	0.14061	366.02	366.02	0 ANNUAL	WMRS			5
MINE	425794	5407216	0.13587	368.24	368.24	0 ANNUAL	WMRS			5
MINE	425794	5407119	0.13113	370	370	0 ANNUAL	WMRS			5
MINE	425794	5407023	0.12619	372	372	0 ANNUAL	WMRS			5
MINE	425696	5407696	0.16574	364.24	364.24	0 ANNUAL	WMRS			5
MINE	425696	5407600	0.16036	364.51	364.51	0 ANNUAL	WMRS			5
MINE	425696	5407504	0.15565	363.59	363.59	0 ANNUAL	WMRS			5
MINE	425696	5407408	0.1509	362.68	362.68	0 ANNUAL	WMRS			5
MINE	425696	5407312	0.14571	364.12	364.12	0 ANNUAL	WMRS			5
MINE	425696	5407216	0.14041	366.3	366.3	0 ANNUAL	WMRS			5
MINE	425696	5407119	0.13484	368.96	368.96	0 ANNUAL	WMRS			5
MINE	425696	5407023	0.12941	370.61	370.61	0 ANNUAL	WMRS			5
MINE	425597	5407696	0.1744	358.97	358.97	0 ANNUAL	WMRS			5
MINE	425597	5407600	0.16828	359.06	359.06	0 ANNUAL	WMRS			5
MINE	425597	5407504	0.16215	360	360	0 ANNUAL	WMRS			5
MINE	425597	5407408	0.15622	361.05	361.05	0 ANNUAL	WMRS			5
MINE	425597	5407312	0.1503	363	363	0 ANNUAL	WMRS			5
MINE	425597	5407216	0.14432	365.14	365.14	0 ANNUAL	WMRS			5
MINE	425597	5407119	0.13826	367.25	367.25	0 ANNUAL	WMRS			5
MINE	425597	5407023	0.13228	368.85	368.85	0 ANNUAL	WMRS			5
MINE	425498	5407696	0.18074	360	360	0 ANNUAL	WMRS			5
MINE	425498	5407600	0.17402	360.32	360.32	0 ANNUAL	WMRS			5
MINE	425498	5407504	0.1674	361	361	0 ANNUAL	WMRS			5
MINE	425498	5407408	0.16074	362.32	362.32	0 ANNUAL	WMRS			5
MINE	425498	5407312	0.15408	364.04	364.04	0 ANNUAL	WMRS			5
MINE	425498	5407216	0.14755	365.06	365.06	0 ANNUAL	WMRS			5
MINE	425498	5407119	0.14107	366	366	0 ANNUAL	WMRS			5
MINE	425498	5407023	0.13471	367	367	0 ANNUAL	WMRS			5
MINE	425400	5407696	0.18726	361	361	0 ANNUAL	WMRS			5
MINE	425400	5407600	0.17965	361.98	361.98	0 ANNUAL	WMRS			5
MINE	425400	5407504	0.17214	363.01	363.01	0 ANNUAL	WMRS			5
MINE	425400	5407408	0.16439	365.12	365.12	0 ANNUAL	WMRS			5
MINE	425400	5407312	0.15668	367.19	367.19	0 ANNUAL	WMRS			5
MINE	425400	5407216	0.14914	368.74	368.74	0 ANNUAL	WMRS			5
MINE	425400	5407119	0.14189	369.79	369.79	0 ANNUAL	WMRS			5
MINE	425400	5407023	0.1355	369.34	369.34	0 ANNUAL	WMRS			5
MINE	425301	5407696	0.19364	361.78	361.78	0 ANNUAL	WMRS			5
MINE	425301	5407600	0.18498	363	363	0 ANNUAL	WMRS			5
MINE	425301	5407504	0.17615	365.07	365.07	0 ANNUAL	WMRS			5
MINE	425301	5407408	0.16731	367.23	367.23	0 ANNUAL	WMRS			5
MINE	425301	5407312	0.1587	369	369	0 ANNUAL	WMRS			5
MINE	425301	5407216	0.15062	370	370	0 ANNUAL	WMRS			5
MINE	425301	5407119	0.14328	370	370	0 ANNUAL	WMRS			5
MINE	425301	5407023	0.13632	370	370	0 ANNUAL	WMRS			5
MINE	424413	5408177	0.3212	354	354	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	424413	5408081	0.29502	356	356	0 ANNUAL	WMRS		5	
MINE	424413	5407985	0.27081	358	358	0 ANNUAL	WMRS		5	
MINE	424413	5407889	0.2482	359.98	359.98	0 ANNUAL	WMRS		5	
MINE	424413	5407792	0.2251	366.77	369	0 ANNUAL	WMRS		5	
MINE	424413	5407696	0.20194	373.85	373.85	0 ANNUAL	WMRS		5	
MINE	424413	5407600	0.18444	376.64	376.64	0 ANNUAL	WMRS		5	
MINE	424413	5407504	0.17358	375.3	375.3	0 ANNUAL	WMRS		5	
MINE	424413	5407408	0.16498	372.2	372.2	0 ANNUAL	WMRS		5	
MINE	424413	5407312	0.15606	370	370	0 ANNUAL	WMRS		5	
MINE	424413	5407216	0.14714	368.94	368.94	0 ANNUAL	WMRS		5	
MINE	424413	5407119	0.13929	367	367	0 ANNUAL	WMRS		5	
MINE	424413	5407023	0.13202	365.15	365.15	0 ANNUAL	WMRS		5	
MINE	424314	5408177	0.32107	354	354	0 ANNUAL	WMRS		5	
MINE	424314	5408081	0.29386	355.75	355.75	0 ANNUAL	WMRS		5	
MINE	424314	5407985	0.26962	357	357	0 ANNUAL	WMRS		5	
MINE	424314	5407889	0.24739	358.04	358.04	0 ANNUAL	WMRS		5	
MINE	424314	5407792	0.22684	360.23	373	0 ANNUAL	WMRS		5	
MINE	424314	5407696	0.20561	367.81	370	0 ANNUAL	WMRS		5	
MINE	424314	5407600	0.187	372.59	372.59	0 ANNUAL	WMRS		5	
MINE	424314	5407504	0.17481	372.1	372.1	0 ANNUAL	WMRS		5	
MINE	424314	5407408	0.16492	370.07	370.07	0 ANNUAL	WMRS		5	
MINE	424314	5407312	0.15603	367.47	367.47	0 ANNUAL	WMRS		5	
MINE	424314	5407216	0.14723	365.95	365.95	0 ANNUAL	WMRS		5	
MINE	424314	5407119	0.13904	364.62	364.62	0 ANNUAL	WMRS		5	
MINE	424314	5407023	0.13141	364	364	0 ANNUAL	WMRS		5	
MINE	424216	5408177	0.31931	354	354	0 ANNUAL	WMRS		5	
MINE	424216	5408081	0.29137	355	355	0 ANNUAL	WMRS		5	
MINE	424216	5407985	0.2673	356.95	356.95	0 ANNUAL	WMRS		5	
MINE	424216	5407889	0.24509	358	358	0 ANNUAL	WMRS		5	
MINE	424216	5407792	0.22525	359	359	0 ANNUAL	WMRS		5	
MINE	424216	5407696	0.20664	362.68	362.68	0 ANNUAL	WMRS		5	
MINE	424216	5407600	0.18939	367.29	367.29	0 ANNUAL	WMRS		5	
MINE	424216	5407504	0.17623	367.82	367.82	0 ANNUAL	WMRS		5	
MINE	424216	5407408	0.16568	365.91	365.91	0 ANNUAL	WMRS		5	
MINE	424216	5407312	0.15645	363	363	0 ANNUAL	WMRS		5	
MINE	424216	5407216	0.14698	363	363	0 ANNUAL	WMRS		5	
MINE	424216	5407119	0.13795	364.27	364.27	0 ANNUAL	WMRS		5	
MINE	424216	5407023	0.12986	365.35	365.35	0 ANNUAL	WMRS		5	
MINE	424117	5408177	0.31639	354	354	0 ANNUAL	WMRS		5	
MINE	424117	5408081	0.2888	355.87	355.87	0 ANNUAL	WMRS		5	
MINE	424117	5407985	0.2645	357	357	0 ANNUAL	WMRS		5	
MINE	424117	5407889	0.24242	358	358	0 ANNUAL	WMRS		5	
MINE	424117	5407792	0.22254	359.32	359.32	0 ANNUAL	WMRS		5	
MINE	424117	5407696	0.20533	360.57	360.57	0 ANNUAL	WMRS		5	
MINE	424117	5407600	0.19054	361	361	0 ANNUAL	WMRS		5	
MINE	424117	5407504	0.17742	361.37	361.37	0 ANNUAL	WMRS		5	
MINE	424117	5407408	0.16552	362	362	0 ANNUAL	WMRS		5	
MINE	424117	5407312	0.15453	363.53	368	0 ANNUAL	WMRS		5	
MINE	424117	5407216	0.1437	367.37	367.37	0 ANNUAL	WMRS		5	
MINE	424117	5407119	0.13491	368.29	368.29	0 ANNUAL	WMRS		5	
MINE	424117	5407023	0.12737	368.2	368.2	0 ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	424018	5408177	0.31344	355.51	355.51	0	ANNUAL	WMRS		5
MINE	424018	5408081	0.28555	356.55	356.55	0	ANNUAL	WMRS		5
MINE	424018	5407985	0.26124	357.54	357.54	0	ANNUAL	WMRS		5
MINE	424018	5407889	0.23922	358.21	358.21	0	ANNUAL	WMRS		5
MINE	424018	5407792	0.21993	359	359	0	ANNUAL	WMRS		5
MINE	424018	5407696	0.203	360	360	0	ANNUAL	WMRS		5
MINE	424018	5407600	0.18724	362.67	362.67	0	ANNUAL	WMRS		5
MINE	424018	5407504	0.17283	365.89	365.89	0	ANNUAL	WMRS		5
MINE	424018	5407408	0.15977	368.97	368.97	0	ANNUAL	WMRS		5
MINE	424018	5407312	0.14854	370.91	370.91	0	ANNUAL	WMRS		5
MINE	424018	5407216	0.13957	371	371	0	ANNUAL	WMRS		5
MINE	424018	5407119	0.13143	371	371	0	ANNUAL	WMRS		5
MINE	424018	5407023	0.12457	370	370	0	ANNUAL	WMRS		5
MINE	423919	5408177	0.30889	358	358	0	ANNUAL	WMRS		5
MINE	423919	5408081	0.28102	358	358	0	ANNUAL	WMRS		5
MINE	423919	5407985	0.25709	358	358	0	ANNUAL	WMRS		5
MINE	423919	5407889	0.23626	358	358	0	ANNUAL	WMRS		5
MINE	423919	5407792	0.21692	359	359	0	ANNUAL	WMRS		5
MINE	423919	5407696	0.19958	360.88	360.88	0	ANNUAL	WMRS		5
MINE	423919	5407600	0.18308	364.73	364.73	0	ANNUAL	WMRS		5
MINE	423919	5407504	0.16803	368.87	368.87	0	ANNUAL	WMRS		5
MINE	423919	5407408	0.15545	371.04	371.04	0	ANNUAL	WMRS		5
MINE	423919	5407312	0.14506	372	372	0	ANNUAL	WMRS		5
MINE	423919	5407216	0.13637	372	372	0	ANNUAL	WMRS		5
MINE	423919	5407119	0.12844	372	372	0	ANNUAL	WMRS		5
MINE	423919	5407023	0.12182	371	371	0	ANNUAL	WMRS		5
MINE	423821	5408177	0.3015	360	360	0	ANNUAL	WMRS		5
MINE	423821	5408081	0.27568	359	359	0	ANNUAL	WMRS		5
MINE	423821	5407985	0.2537	358	358	0	ANNUAL	WMRS		5
MINE	423821	5407889	0.2338	357.67	357.67	0	ANNUAL	WMRS		5
MINE	423821	5407792	0.21357	359.5	359.5	0	ANNUAL	WMRS		5
MINE	423821	5407696	0.19602	361.94	361.94	0	ANNUAL	WMRS		5
MINE	423821	5407600	0.17951	365.79	365.79	0	ANNUAL	WMRS		5
MINE	423821	5407504	0.16512	369	369	0	ANNUAL	WMRS		5
MINE	423821	5407408	0.15273	371.1	371.1	0	ANNUAL	WMRS		5
MINE	423821	5407312	0.14255	372	372	0	ANNUAL	WMRS		5
MINE	423821	5407216	0.13425	371.72	371.72	0	ANNUAL	WMRS		5
MINE	423821	5407119	0.12692	371	371	0	ANNUAL	WMRS		5
MINE	423821	5407023	0.11981	371	371	0	ANNUAL	WMRS		5
MINE	423722	5408177	0.29902	359.06	359.06	0	ANNUAL	WMRS		5
MINE	423722	5408081	0.2741	358	358	0	ANNUAL	WMRS		5
MINE	423722	5407985	0.25183	356.35	356.35	0	ANNUAL	WMRS		5
MINE	423722	5407889	0.23184	357	357	0	ANNUAL	WMRS		5
MINE	423722	5407792	0.21232	358.55	358.55	0	ANNUAL	WMRS		5
MINE	423722	5407696	0.19532	360	360	0	ANNUAL	WMRS		5
MINE	423722	5407600	0.17871	363.84	363.84	0	ANNUAL	WMRS		5
MINE	423722	5407504	0.16377	368	368	0	ANNUAL	WMRS		5
MINE	423722	5407408	0.15156	370.1	370.1	0	ANNUAL	WMRS		5
MINE	423722	5407312	0.14169	370.74	370.74	0	ANNUAL	WMRS		5
MINE	423722	5407216	0.13376	370	370	0	ANNUAL	WMRS		5
MINE	423722	5407119	0.12607	369.91	369.91	0	ANNUAL	WMRS		5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	423722	5407023	0.11898	370	370	0	ANNUAL	WMRS	5	
MINE	423623	5408177	0.30005	357	357	0	ANNUAL	WMRS	5	
MINE	423623	5408081	0.27304	356	356	0	ANNUAL	WMRS	5	
MINE	423623	5407985	0.25017	356	356	0	ANNUAL	WMRS	5	
MINE	423623	5407889	0.23048	356.87	356.87	0	ANNUAL	WMRS	5	
MINE	423623	5407792	0.21193	358	358	0	ANNUAL	WMRS	5	
MINE	423623	5407696	0.19419	360.04	360.04	0	ANNUAL	WMRS	5	
MINE	423623	5407600	0.1776	363.9	363.9	0	ANNUAL	WMRS	5	
MINE	423623	5407504	0.16347	367.05	367.05	0	ANNUAL	WMRS	5	
MINE	423623	5407408	0.15152	369	369	0	ANNUAL	WMRS	5	
MINE	423623	5407312	0.1422	369	369	0	ANNUAL	WMRS	5	
MINE	423623	5407216	0.1344	368	368	0	ANNUAL	WMRS	5	
MINE	423623	5407119	0.12721	367	367	0	ANNUAL	WMRS	5	
MINE	423623	5407023	0.12038	366.54	366.54	0	ANNUAL	WMRS	5	
MINE	423525	5408177	0.29831	355	355	0	ANNUAL	WMRS	5	
MINE	423525	5408081	0.27205	355	355	0	ANNUAL	WMRS	5	
MINE	423525	5407985	0.24942	355	355	0	ANNUAL	WMRS	5	
MINE	423525	5407889	0.23003	356	356	0	ANNUAL	WMRS	5	
MINE	423525	5407792	0.21248	357.67	357.67	0	ANNUAL	WMRS	5	
MINE	423426	5408177	0.2973	353	353	0	ANNUAL	WMRS	5	
MINE	423426	5408081	0.27206	354	354	0	ANNUAL	WMRS	5	
MINE	423426	5407985	0.24967	354	354	0	ANNUAL	WMRS	5	
MINE	423426	5407889	0.23071	355.56	355.56	0	ANNUAL	WMRS	5	
MINE	423426	5407792	0.2121	358.78	372	0	ANNUAL	WMRS	5	
MINE	423327	5408177	0.29737	352	352	0	ANNUAL	WMRS	5	
MINE	423327	5408081	0.27222	352.5	352.5	0	ANNUAL	WMRS	5	
MINE	423327	5407985	0.2504	353	353	0	ANNUAL	WMRS	5	
MINE	423327	5407889	0.23188	355	378	0	ANNUAL	WMRS	5	
MINE	423327	5407792	0.21272	360.58	380	0	ANNUAL	WMRS	5	
MINE	423229	5408177	0.29971	354.3	354.3	0	ANNUAL	WMRS	5	
MINE	423229	5408081	0.27461	355	355	0	ANNUAL	WMRS	5	
MINE	423229	5407985	0.25275	355.59	355.59	0	ANNUAL	WMRS	5	
MINE	423229	5407889	0.23356	357.72	381	0	ANNUAL	WMRS	5	
MINE	423229	5407792	0.21032	367.49	380	0	ANNUAL	WMRS	5	
MINE	423130	5408177	0.30011	356	356	0	ANNUAL	WMRS	5	
MINE	423130	5408081	0.27532	357	357	0	ANNUAL	WMRS	5	
MINE	423130	5407985	0.25313	357.83	357.83	0	ANNUAL	WMRS	5	
MINE	423130	5407889	0.23253	360.74	380	0	ANNUAL	WMRS	5	
MINE	424284	5408273	0.35148	352.46	352.46	0	ANNUAL	WMRS	5	
MINE	424284	5408372	0.38722	351	351	0	ANNUAL	WMRS	5	
MINE	424284	5408471	0.42688	349	349	0	ANNUAL	WMRS	5	
MINE	424284	5408569	0.47222	347.79	347.79	0	ANNUAL	WMRS	5	
MINE	424188	5408273	0.34965	352	352	0	ANNUAL	WMRS	5	
MINE	424188	5408372	0.38616	350.26	350.26	0	ANNUAL	WMRS	5	
MINE	424188	5408471	0.42875	349	349	0	ANNUAL	WMRS	5	
MINE	424188	5408569	0.47587	347.04	347.04	0	ANNUAL	WMRS	5	
MINE	424092	5408273	0.34752	353	353	0	ANNUAL	WMRS	5	
MINE	424092	5408372	0.38461	351.02	351.02	0	ANNUAL	WMRS	5	
MINE	424092	5408471	0.42901	350	350	0	ANNUAL	WMRS	5	
MINE	424092	5408569	0.47825	347.79	347.79	0	ANNUAL	WMRS	5	
MINE	423995	5408273	0.34469	354.72	354.72	0	ANNUAL	WMRS	5	

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	423995	5408372	0.38215	352.59	352.59	0 ANNUAL	WMRS			5
MINE	423995	5408471	0.42591	350.49	350.49	0 ANNUAL	WMRS			5
MINE	423995	5408569	0.47555	347.85	347.85	0 ANNUAL	WMRS			5
MINE	423899	5408273	0.34047	357.85	357.85	0 ANNUAL	WMRS			5
MINE	423899	5408372	0.37906	355.06	355.06	0 ANNUAL	WMRS			5
MINE	423899	5408471	0.42115	351.16	351.16	0 ANNUAL	WMRS			5
MINE	423899	5408569	0.47156	348.73	348.73	0 ANNUAL	WMRS			5
MINE	423803	5408273	0.33196	360	360	0 ANNUAL	WMRS			5
MINE	423803	5408372	0.37493	357.44	357.44	0 ANNUAL	WMRS			5
MINE	423803	5408471	0.41625	352.21	352.21	0 ANNUAL	WMRS			5
MINE	423803	5408569	0.46677	349.96	349.96	0 ANNUAL	WMRS			5
MINE	423707	5408273	0.32954	358.98	358.98	0 ANNUAL	WMRS			5
MINE	423707	5408372	0.37017	356.34	356.34	0 ANNUAL	WMRS			5
MINE	423707	5408471	0.41101	352.27	352.27	0 ANNUAL	WMRS			5
MINE	423707	5408569	0.46042	350.01	350.01	0 ANNUAL	WMRS			5
MINE	423611	5408273	0.33011	355.94	355.94	0 ANNUAL	WMRS			5
MINE	423611	5408372	0.36524	353.6	353.6	0 ANNUAL	WMRS			5
MINE	423611	5408471	0.40631	351.33	351.33	0 ANNUAL	WMRS			5
MINE	423611	5408569	0.45609	350	350	0 ANNUAL	WMRS			5
MINE	423515	5408273	0.32734	353.29	353.29	0 ANNUAL	WMRS			5
MINE	423515	5408372	0.36232	352	352	0 ANNUAL	WMRS			5
MINE	423515	5408471	0.40409	351	351	0 ANNUAL	WMRS			5
MINE	423515	5408569	0.45368	350	350	0 ANNUAL	WMRS			5
MINE	423418	5408273	0.32627	352	352	0 ANNUAL	WMRS			5
MINE	423418	5408372	0.36081	351	351	0 ANNUAL	WMRS			5
MINE	423418	5408471	0.40227	350.37	350.37	0 ANNUAL	WMRS			5
MINE	423418	5408569	0.45208	350	350	0 ANNUAL	WMRS			5
MINE	423322	5408273	0.32578	351	351	0 ANNUAL	WMRS			5
MINE	423322	5408372	0.36087	351	351	0 ANNUAL	WMRS			5
MINE	423322	5408471	0.40265	351	351	0 ANNUAL	WMRS			5
MINE	423322	5408569	0.45081	350.13	350.13	0 ANNUAL	WMRS			5
MINE	423226	5408273	0.32878	354	354	0 ANNUAL	WMRS			5
MINE	423226	5408372	0.36285	353	353	0 ANNUAL	WMRS			5
MINE	423226	5408471	0.40299	352	352	0 ANNUAL	WMRS			5
MINE	423226	5408569	0.45071	351.25	351.25	0 ANNUAL	WMRS			5
MINE	423130	5408273	0.32846	355.12	355.12	0 ANNUAL	WMRS			5
MINE	423130	5408372	0.36268	354.82	354.82	0 ANNUAL	WMRS			5
MINE	423130	5408471	0.40215	353.62	353.62	0 ANNUAL	WMRS			5
MINE	423130	5408569	0.44932	353	353	0 ANNUAL	WMRS			5
MINE	423530	5415023	0.09929	394	394	0 ANNUAL	WMRS			5
MINE	423730	5415023	0.09802	395.63	395.63	0 ANNUAL	WMRS			5
MINE	423930	5415023	0.09645	396.34	396.34	0 ANNUAL	WMRS			5
MINE	424130	5414623	0.1003	400	400	0 ANNUAL	WMRS			5
MINE	424130	5414823	0.09787	397.55	397.55	0 ANNUAL	WMRS			5
MINE	424130	5415023	0.09256	398	398	0 ANNUAL	WMRS			5
MINE	424330	5414623	0.09531	399.72	399.72	0 ANNUAL	WMRS			5
MINE	424330	5414823	0.09055	400	400	0 ANNUAL	WMRS			5
MINE	424330	5415023	0.08916	397	397	0 ANNUAL	WMRS			5
MINE	424530	5414623	0.09623	393.92	393.92	0 ANNUAL	WMRS			5
MINE	424530	5414823	0.09096	394.09	394.09	0 ANNUAL	WMRS			5
MINE	424530	5415023	0.08706	393.27	393.27	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	424730	5414623	0.0992	388	388	0 ANNUAL	WMRS			5
MINE	424730	5414823	0.09367	387	387	0 ANNUAL	WMRS			5
MINE	424730	5415023	0.08862	386.18	386.18	0 ANNUAL	WMRS			5
MINE	424930	5414223	0.11628	386	386	0 ANNUAL	WMRS			5
MINE	424930	5414423	0.10638	388.43	388.43	0 ANNUAL	WMRS			5
MINE	424930	5414623	0.09794	390.27	390.27	0 ANNUAL	WMRS			5
MINE	424930	5414823	0.09369	387.3	387.3	0 ANNUAL	WMRS			5
MINE	424930	5415023	0.09093	381	381	0 ANNUAL	WMRS			5
MINE	425130	5414223	0.10884	392.46	395	0 ANNUAL	WMRS			5
MINE	425130	5414423	0.11041	383	383	0 ANNUAL	WMRS			5
MINE	425130	5414623	0.10068	387	387	0 ANNUAL	WMRS			5
MINE	425130	5414823	0.09583	384.85	384.85	0 ANNUAL	WMRS			5
MINE	425130	5415023	0.0917	381	381	0 ANNUAL	WMRS			5
MINE	425330	5414223	0.11585	384.97	384.97	0 ANNUAL	WMRS			5
MINE	425330	5414423	0.11093	381	381	0 ANNUAL	WMRS			5
MINE	425330	5414623	0.10313	382.16	382.16	0 ANNUAL	WMRS			5
MINE	425330	5414823	0.09745	381	381	0 ANNUAL	WMRS			5
MINE	425330	5415023	0.09287	378	378	0 ANNUAL	WMRS			5
MINE	425530	5414223	0.11752	382	382	0 ANNUAL	WMRS			5
MINE	425530	5414423	0.11095	380	380	0 ANNUAL	WMRS			5
MINE	425530	5414623	0.10421	379	379	0 ANNUAL	WMRS			5
MINE	425530	5414823	0.09765	379	379	0 ANNUAL	WMRS			5
MINE	425530	5415023	0.0922	378	378	0 ANNUAL	WMRS			5
MINE	425730	5414223	0.11625	381	381	0 ANNUAL	WMRS			5
MINE	425730	5414423	0.11004	380	380	0 ANNUAL	WMRS			5
MINE	425730	5414623	0.1033	380	380	0 ANNUAL	WMRS			5
MINE	425730	5414823	0.09686	380	380	0 ANNUAL	WMRS			5
MINE	425730	5415023	0.09132	379	379	0 ANNUAL	WMRS			5
MINE	425930	5414223	0.11247	380	380	0 ANNUAL	WMRS			5
MINE	425930	5414423	0.1069	381	381	0 ANNUAL	WMRS			5
MINE	425930	5414623	0.10107	382	382	0 ANNUAL	WMRS			5
MINE	425930	5414823	0.09598	381	381	0 ANNUAL	WMRS			5
MINE	425930	5415023	0.09117	379	379	0 ANNUAL	WMRS			5
MINE	426130	5414223	0.10587	380.57	380.57	0 ANNUAL	WMRS			5
MINE	426130	5414423	0.10158	382	382	0 ANNUAL	WMRS			5
MINE	426130	5414623	0.0968	384	384	0 ANNUAL	WMRS			5
MINE	426130	5414823	0.09285	383.86	383.86	0 ANNUAL	WMRS			5
MINE	426130	5415023	0.08946	381.47	381.47	0 ANNUAL	WMRS			5
MINE	426330	5414223	0.09925	380	380	0 ANNUAL	WMRS			5
MINE	426330	5414423	0.09656	380	380	0 ANNUAL	WMRS			5
MINE	426330	5414623	0.09291	381.87	381.87	0 ANNUAL	WMRS			5
MINE	426330	5414823	0.08828	385.51	385.51	0 ANNUAL	WMRS			5
MINE	426330	5415023	0.08427	387.56	387.56	0 ANNUAL	WMRS			5
MINE	426530	5414223	0.09331	378	378	0 ANNUAL	WMRS			5
MINE	426530	5414423	0.09078	379	379	0 ANNUAL	WMRS			5
MINE	426530	5414623	0.08777	381	381	0 ANNUAL	WMRS			5
MINE	426530	5414823	0.08276	386.94	386.94	0 ANNUAL	WMRS			5
MINE	426530	5415023	0.07898	390	390	0 ANNUAL	WMRS			5
MINE	426730	5414223	0.08688	378	378	0 ANNUAL	WMRS			5
MINE	426730	5414423	0.08493	378.61	378.61	0 ANNUAL	WMRS			5
MINE	426730	5414623	0.08267	380	380	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	426730	5414823	0.07804	386.74	386.74	0 ANNUAL	WMRS			5
MINE	426730	5415023	0.07509	389.16	389.16	0 ANNUAL	WMRS			5
MINE	426930	5414223	0.08081	378.5	378.5	0 ANNUAL	WMRS			5
MINE	426930	5414423	0.0792	379	379	0 ANNUAL	WMRS			5
MINE	426930	5414623	0.07743	380	380	0 ANNUAL	WMRS			5
MINE	426930	5414823	0.07494	383	383	0 ANNUAL	WMRS			5
MINE	426930	5415023	0.0727	385	385	0 ANNUAL	WMRS			5
MINE	427130	5414223	0.0749	380	380	0 ANNUAL	WMRS			5
MINE	427130	5414423	0.07378	380	380	0 ANNUAL	WMRS			5
MINE	427130	5414623	0.07225	381	381	0 ANNUAL	WMRS			5
MINE	427130	5414823	0.0707	382	382	0 ANNUAL	WMRS			5
MINE	427130	5415023	0.06884	384	384	0 ANNUAL	WMRS			5
MINE	427330	5414223	0.0698	380	380	0 ANNUAL	WMRS			5
MINE	427330	5414423	0.06875	381	381	0 ANNUAL	WMRS			5
MINE	427330	5414623	0.06757	381.79	381.79	0 ANNUAL	WMRS			5
MINE	427330	5414823	0.06644	382.06	382.06	0 ANNUAL	WMRS			5
MINE	427330	5415023	0.06511	383	383	0 ANNUAL	WMRS			5
MINE	427530	5414223	0.06408	383	383	0 ANNUAL	WMRS			5
MINE	427530	5414423	0.06366	383	383	0 ANNUAL	WMRS			5
MINE	427530	5414623	0.06307	383	383	0 ANNUAL	WMRS			5
MINE	427530	5414823	0.06256	382	382	0 ANNUAL	WMRS			5
MINE	427530	5415023	0.06182	381.28	381.28	0 ANNUAL	WMRS			5
MINE	427730	5414223	0.05786	388.65	388.65	0 ANNUAL	WMRS			5
MINE	427730	5414423	0.05841	386.28	386.28	0 ANNUAL	WMRS			5
MINE	427730	5414623	0.0582	386	386	0 ANNUAL	WMRS			5
MINE	427730	5414823	0.05806	385	385	0 ANNUAL	WMRS			5
MINE	427730	5415023	0.05787	383.26	383.26	0 ANNUAL	WMRS			5
MINE	427930	5414223	0.05196	394.48	400	0 ANNUAL	WMRS			5
MINE	427930	5414423	0.05536	384	384	0 ANNUAL	WMRS			5
MINE	427930	5414623	0.05602	380	380	0 ANNUAL	WMRS			5
MINE	427930	5414823	0.0557	380	380	0 ANNUAL	WMRS			5
MINE	427930	5415023	0.05505	381	381	0 ANNUAL	WMRS			5
MINE	428130	5414223	0.04733	399.38	399.38	0 ANNUAL	WMRS			5
MINE	428130	5414423	0.05078	388.75	388.75	0 ANNUAL	WMRS			5
MINE	428130	5414623	0.05234	381.08	381.08	0 ANNUAL	WMRS			5
MINE	428130	5414823	0.05245	379	379	0 ANNUAL	WMRS			5
MINE	428130	5415023	0.05205	379.67	379.67	0 ANNUAL	WMRS			5
MINE	428330	5414223	0.04742	392.58	411	0 ANNUAL	WMRS			5
MINE	428330	5414423	0.04723	392	392	0 ANNUAL	WMRS			5
MINE	428330	5414623	0.04918	382	382	0 ANNUAL	WMRS			5
MINE	428330	5414823	0.04862	382.78	382.78	0 ANNUAL	WMRS			5
MINE	428330	5415023	0.0489	380	380	0 ANNUAL	WMRS			5
MINE	428530	5414223	0.04124	403.11	403.11	0 ANNUAL	WMRS			5
MINE	428530	5414423	0.04533	390.52	390.52	0 ANNUAL	WMRS			5
MINE	428530	5414623	0.0449	389.99	389.99	0 ANNUAL	WMRS			5
MINE	428530	5414823	0.04409	391	391	0 ANNUAL	WMRS			5
MINE	428530	5415023	0.04375	391	391	0 ANNUAL	WMRS			5
MINE	428730	5414223	0.03971	401.33	401.33	0 ANNUAL	WMRS			5
MINE	428730	5414423	0.04098	397.11	410	0 ANNUAL	WMRS			5
MINE	428730	5414623	0.04018	399.21	399.21	0 ANNUAL	WMRS			5
MINE	428730	5414823	0.0404	396.87	396.87	0 ANNUAL	WMRS			5



Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	428730	5415023	0.03914	399.35	399.35	0 ANNUAL	WMRS			5
MINE	428930	5412623	0.04486	396	396	0 ANNUAL	WMRS			5
MINE	428930	5412823	0.04431	395.38	395.38	0 ANNUAL	WMRS			5
MINE	428930	5413023	0.04522	392	392	0 ANNUAL	WMRS			5
MINE	428930	5413223	0.04585	390.08	390.08	0 ANNUAL	WMRS			5
MINE	429130	5412623	0.04205	399	399	0 ANNUAL	WMRS			5
MINE	429130	5412823	0.04202	396.27	396.27	0 ANNUAL	WMRS			5
MINE	429130	5413023	0.04292	391.83	391.83	0 ANNUAL	WMRS			5
MINE	429130	5413223	0.04341	390	390	0 ANNUAL	WMRS			5
MINE	429330	5412623	0.04015	400	400	0 ANNUAL	WMRS			5
MINE	429330	5412823	0.03943	399.16	399.16	0 ANNUAL	WMRS			5
MINE	429330	5413023	0.03991	395.32	395.32	0 ANNUAL	WMRS			5
MINE	429330	5413223	0.04116	389.89	389.89	0 ANNUAL	WMRS			5
MINE	429530	5412623	0.03928	398	398	0 ANNUAL	WMRS			5
MINE	429530	5412823	0.03832	398	398	0 ANNUAL	WMRS			5
MINE	429530	5413023	0.03691	400	400	0 ANNUAL	WMRS			5
MINE	429530	5413223	0.03799	394.35	400	0 ANNUAL	WMRS			5
MINE	429730	5412623	0.03871	394.58	394.58	0 ANNUAL	WMRS			5
MINE	429730	5412823	0.03837	392	392	0 ANNUAL	WMRS			5
MINE	429730	5413023	0.03794	390	390	0 ANNUAL	WMRS			5
MINE	429730	5413223	0.03757	389	389	0 ANNUAL	WMRS			5
MINE	429730	5413423	0.03697	391	391	0 ANNUAL	WMRS			5
MINE	429730	5413623	0.03857	382	382	0 ANNUAL	WMRS			5
MINE	429730	5413823	0.03798	385.87	385.87	0 ANNUAL	WMRS			5
MINE	429730	5414023	0.03763	384.83	384.83	0 ANNUAL	WMRS			5
MINE	429930	5412623	0.03782	392	392	0 ANNUAL	WMRS			5
MINE	429930	5412823	0.03718	391	391	0 ANNUAL	WMRS			5
MINE	429930	5413023	0.03683	388.2	388.2	0 ANNUAL	WMRS			5
MINE	429930	5413223	0.03635	387.12	387.12	0 ANNUAL	WMRS			5
MINE	429930	5413423	0.03547	390	390	0 ANNUAL	WMRS			5
MINE	429930	5413623	0.03669	381.89	391	0 ANNUAL	WMRS			5
MINE	429930	5413823	0.03673	381.85	381.85	0 ANNUAL	WMRS			5
MINE	429930	5414023	0.03595	387	387	0 ANNUAL	WMRS			5
MINE	430130	5412623	0.03679	390	390	0 ANNUAL	WMRS			5
MINE	430130	5412823	0.03636	388	388	0 ANNUAL	WMRS			5
MINE	430130	5413023	0.03582	386	386	0 ANNUAL	WMRS			5
MINE	430130	5413223	0.03537	384.11	384.11	0 ANNUAL	WMRS			5
MINE	430130	5413423	0.03513	382.36	385	0 ANNUAL	WMRS			5
MINE	430130	5413623	0.03523	380	380	0 ANNUAL	WMRS			5
MINE	430130	5413823	0.03505	381.62	381.62	0 ANNUAL	WMRS			5
MINE	430130	5414023	0.0349	383	383	0 ANNUAL	WMRS			5
MINE	430330	5412623	0.03561	389	389	0 ANNUAL	WMRS			5
MINE	430330	5412823	0.03534	386	386	0 ANNUAL	WMRS			5
MINE	430330	5413023	0.03492	383	383	0 ANNUAL	WMRS			5
MINE	430330	5413223	0.03451	380	380	0 ANNUAL	WMRS			5
MINE	430330	5413423	0.03399	380	380	0 ANNUAL	WMRS			5
MINE	430330	5413623	0.0339	378	378	0 ANNUAL	WMRS			5
MINE	430330	5413823	0.03285	386.26	390	0 ANNUAL	WMRS			5
MINE	430330	5414023	0.03246	390.05	390.05	0 ANNUAL	WMRS			5
MINE	430530	5413423	0.03279	379	379	0 ANNUAL	WMRS			5
MINE	430530	5413623	0.0325	378	378	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	430530	5413823	0.03229	378.34	378.34	0 ANNUAL	WMRS			5
MINE	430530	5414023	0.03124	388.07	388.07	0 ANNUAL	WMRS			5
MINE	430730	5413423	0.03166	378.5	378.5	0 ANNUAL	WMRS			5
MINE	430730	5413623	0.03125	378	378	0 ANNUAL	WMRS			5
MINE	430730	5413823	0.0309	379	379	0 ANNUAL	WMRS			5
MINE	430730	5414023	0.03073	380	380	0 ANNUAL	WMRS			5
MINE	430930	5413423	0.03062	378	378	0 ANNUAL	WMRS			5
MINE	430930	5413623	0.03013	378	378	0 ANNUAL	WMRS			5
MINE	430930	5413823	0.02969	379.29	379.29	0 ANNUAL	WMRS			5
MINE	430930	5414023	0.02954	379	379	0 ANNUAL	WMRS			5
MINE	431130	5413423	0.02968	377	377	0 ANNUAL	WMRS			5
MINE	431130	5413623	0.0291	378	378	0 ANNUAL	WMRS			5
MINE	431130	5413823	0.02878	377.01	377.01	0 ANNUAL	WMRS			5
MINE	431130	5414023	0.02847	378	378	0 ANNUAL	WMRS			5
MINE	428330	5407423	0.07857	364	364	0 ANNUAL	WMRS			5
MINE	428330	5407223	0.07529	359.51	359.51	0 ANNUAL	WMRS			5
MINE	428330	5407023	0.07194	354.12	354.12	0 ANNUAL	WMRS			5
MINE	428330	5406823	0.06827	358	358	0 ANNUAL	WMRS			5
MINE	428330	5406623	0.06411	362	362	0 ANNUAL	WMRS			5
MINE	428330	5406423	0.06055	364.03	364.03	0 ANNUAL	WMRS			5
MINE	428330	5406223	0.05736	365.42	365.42	0 ANNUAL	WMRS			5
MINE	428330	5406023	0.05468	363.67	363.67	0 ANNUAL	WMRS			5
MINE	428330	5405823	0.05233	362	362	0 ANNUAL	WMRS			5
MINE	428330	5405623	0.05041	360.27	360.27	0 ANNUAL	WMRS			5
MINE	428330	5405423	0.04842	362	362	0 ANNUAL	WMRS			5
MINE	428330	5405223	0.04668	364.84	364.84	0 ANNUAL	WMRS			5
MINE	428330	5405023	0.04539	367.47	367.47	0 ANNUAL	WMRS			5
MINE	428330	5404823	0.04433	370	370	0 ANNUAL	WMRS			5
MINE	428330	5404623	0.04346	370	370	0 ANNUAL	WMRS			5
MINE	428330	5404423	0.04248	370	370	0 ANNUAL	WMRS			5
MINE	428330	5404223	0.04136	370	370	0 ANNUAL	WMRS			5
MINE	428330	5404023	0.0401	370	370	0 ANNUAL	WMRS			5
MINE	428530	5407423	0.07485	363.26	363.26	0 ANNUAL	WMRS			5
MINE	428530	5407223	0.07231	355.62	355.62	0 ANNUAL	WMRS			5
MINE	428530	5407023	0.06911	360.01	360.01	0 ANNUAL	WMRS			5
MINE	428530	5406823	0.06569	361	361	0 ANNUAL	WMRS			5
MINE	428530	5406623	0.06223	362	362	0 ANNUAL	WMRS			5
MINE	428530	5406423	0.05886	364	364	0 ANNUAL	WMRS			5
MINE	428530	5406223	0.05598	363	363	0 ANNUAL	WMRS			5
MINE	428530	5406023	0.05335	361.72	361.72	0 ANNUAL	WMRS			5
MINE	428530	5405823	0.05105	360	360	0 ANNUAL	WMRS			5
MINE	428530	5405623	0.04874	361	361	0 ANNUAL	WMRS			5
MINE	428530	5405423	0.04664	363	363	0 ANNUAL	WMRS			5
MINE	428530	5405223	0.04487	365	365	0 ANNUAL	WMRS			5
MINE	428530	5405023	0.04345	367.36	367.36	0 ANNUAL	WMRS			5
MINE	428530	5404823	0.0424	369	369	0 ANNUAL	WMRS			5
MINE	428530	5404623	0.04157	370	370	0 ANNUAL	WMRS			5
MINE	428530	5404423	0.04081	370	370	0 ANNUAL	WMRS			5
MINE	428530	5404223	0.03995	370	370	0 ANNUAL	WMRS			5
MINE	428530	5404023	0.03896	370	370	0 ANNUAL	WMRS			5
MINE	428730	5407423	0.07117	363.37	363.37	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	428730	5407223	0.06911	353	353	0 ANNUAL	WMRS			5
MINE	428730	5407023	0.06675	355.9	355.9	0 ANNUAL	WMRS			5
MINE	428730	5406823	0.06358	361	361	0 ANNUAL	WMRS			5
MINE	428730	5406623	0.06042	362	362	0 ANNUAL	WMRS			5
MINE	428730	5406423	0.05741	362	362	0 ANNUAL	WMRS			5
MINE	428730	5406223	0.05458	362	362	0 ANNUAL	WMRS			5
MINE	428730	5406023	0.05213	360	360	0 ANNUAL	WMRS			5
MINE	428730	5405823	0.0497	360	360	0 ANNUAL	WMRS			5
MINE	428730	5405623	0.04738	361.18	361.18	0 ANNUAL	WMRS			5
MINE	428730	5405423	0.04527	363	363	0 ANNUAL	WMRS			5
MINE	428730	5405223	0.04339	365	365	0 ANNUAL	WMRS			5
MINE	428730	5405023	0.04184	367	367	0 ANNUAL	WMRS			5
MINE	428730	5404823	0.04069	368	368	0 ANNUAL	WMRS			5
MINE	428730	5404623	0.03981	369	369	0 ANNUAL	WMRS			5
MINE	428730	5404423	0.03908	370	370	0 ANNUAL	WMRS			5
MINE	428730	5404223	0.03842	370	370	0 ANNUAL	WMRS			5
MINE	428730	5404023	0.03766	370	370	0 ANNUAL	WMRS			5
MINE	428930	5407423	0.06759	361.48	361.48	0 ANNUAL	WMRS			5
MINE	428930	5407223	0.06612	354	354	0 ANNUAL	WMRS			5
MINE	428930	5407023	0.06416	356	356	0 ANNUAL	WMRS			5
MINE	428930	5406823	0.06152	360	360	0 ANNUAL	WMRS			5
MINE	428930	5406623	0.05876	360	360	0 ANNUAL	WMRS			5
MINE	428930	5406423	0.05599	360	360	0 ANNUAL	WMRS			5
MINE	428930	5406223	0.05333	359.97	359.97	0 ANNUAL	WMRS			5
MINE	428930	5406023	0.05091	359.25	359.25	0 ANNUAL	WMRS			5
MINE	428930	5405823	0.04847	360	360	0 ANNUAL	WMRS			5
MINE	428930	5405623	0.0462	361.1	361.1	0 ANNUAL	WMRS			5
MINE	428930	5405423	0.0441	363	363	0 ANNUAL	WMRS			5
MINE	428930	5405223	0.04225	364	364	0 ANNUAL	WMRS			5
MINE	428930	5405023	0.04058	365.92	365.92	0 ANNUAL	WMRS			5
MINE	428930	5404823	0.03927	366.94	366.94	0 ANNUAL	WMRS			5
MINE	428930	5404623	0.03825	368	368	0 ANNUAL	WMRS			5
MINE	428930	5404423	0.0375	368.43	368.43	0 ANNUAL	WMRS			5
MINE	428930	5404223	0.03687	369	369	0 ANNUAL	WMRS			5
MINE	428930	5404023	0.03627	369	369	0 ANNUAL	WMRS			5
MINE	429130	5408823	0.0645	389	389	0 ANNUAL	WMRS			5
MINE	429130	5408623	0.0645	389	389	0 ANNUAL	WMRS			5
MINE	429130	5407423	0.06426	359.59	359.59	0 ANNUAL	WMRS			5
MINE	429130	5407223	0.06321	355	355	0 ANNUAL	WMRS			5
MINE	429130	5407023	0.06162	356.68	356.68	0 ANNUAL	WMRS			5
MINE	429130	5406823	0.0595	358	358	0 ANNUAL	WMRS			5
MINE	429130	5406623	0.05717	358	358	0 ANNUAL	WMRS			5
MINE	429130	5406423	0.05454	359	359	0 ANNUAL	WMRS			5
MINE	429130	5406223	0.05194	360	360	0 ANNUAL	WMRS			5
MINE	429130	5406023	0.04955	360	360	0 ANNUAL	WMRS			5
MINE	429130	5405823	0.04721	361	361	0 ANNUAL	WMRS			5
MINE	429130	5405623	0.04512	361	361	0 ANNUAL	WMRS			5
MINE	429130	5405423	0.04305	363	363	0 ANNUAL	WMRS			5
MINE	429130	5405223	0.04121	364	364	0 ANNUAL	WMRS			5
MINE	429130	5405023	0.03955	365	365	0 ANNUAL	WMRS			5
MINE	429130	5404823	0.03811	366	366	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	429130	5404623	0.03694	367	367	0 ANNUAL	WMRS			5
MINE	429130	5404423	0.03603	368	368	0 ANNUAL	WMRS			5
MINE	429130	5404223	0.03529	370	370	0 ANNUAL	WMRS			5
MINE	429130	5404023	0.03477	370	370	0 ANNUAL	WMRS			5
MINE	429330	5408823	0.06251	384.78	384.78	0 ANNUAL	WMRS			5
MINE	429330	5408623	0.06219	385.38	385.38	0 ANNUAL	WMRS			5
MINE	429330	5407423	0.06146	357.52	357.52	0 ANNUAL	WMRS			5
MINE	429330	5407223	0.06037	355	355	0 ANNUAL	WMRS			5
MINE	429330	5407023	0.05909	356	356	0 ANNUAL	WMRS			5
MINE	429330	5406823	0.05744	357	357	0 ANNUAL	WMRS			5
MINE	429330	5406623	0.05533	358	358	0 ANNUAL	WMRS			5
MINE	429330	5406423	0.05298	359.08	359.08	0 ANNUAL	WMRS			5
MINE	429330	5406223	0.05065	359.33	359.33	0 ANNUAL	WMRS			5
MINE	429330	5406023	0.04833	360	360	0 ANNUAL	WMRS			5
MINE	429330	5405823	0.0461	361	361	0 ANNUAL	WMRS			5
MINE	429330	5405623	0.04402	362	362	0 ANNUAL	WMRS			5
MINE	429330	5405423	0.04214	362	362	0 ANNUAL	WMRS			5
MINE	429330	5405223	0.04028	364.29	364.29	0 ANNUAL	WMRS			5
MINE	429330	5405023	0.03854	366.92	366.92	0 ANNUAL	WMRS			5
MINE	429330	5404823	0.03701	368	368	0 ANNUAL	WMRS			5
MINE	429330	5404623	0.03575	368	368	0 ANNUAL	WMRS			5
MINE	429330	5404423	0.03469	369	369	0 ANNUAL	WMRS			5
MINE	429330	5404223	0.03389	370	370	0 ANNUAL	WMRS			5
MINE	429330	5404023	0.03335	370	370	0 ANNUAL	WMRS			5
MINE	429530	5408423	0.06033	379.99	379.99	0 ANNUAL	WMRS			5
MINE	429530	5408223	0.06056	377	377	0 ANNUAL	WMRS			5
MINE	429530	5408023	0.06002	372.71	372.71	0 ANNUAL	WMRS			5
MINE	429530	5407823	0.05933	365.16	365.16	0 ANNUAL	WMRS			5
MINE	429530	5407623	0.059	359	359	0 ANNUAL	WMRS			5
MINE	429530	5407423	0.05857	356.81	356.81	0 ANNUAL	WMRS			5
MINE	429530	5407223	0.05768	355.91	355.91	0 ANNUAL	WMRS			5
MINE	429530	5407023	0.05666	357	357	0 ANNUAL	WMRS			5
MINE	429530	5406823	0.05529	357	357	0 ANNUAL	WMRS			5
MINE	429530	5406623	0.05344	359	359	0 ANNUAL	WMRS			5
MINE	429530	5406423	0.05113	368.52	368.52	0 ANNUAL	WMRS			5
MINE	429530	5406223	0.04925	360	360	0 ANNUAL	WMRS			5
MINE	429530	5406023	0.04713	360	360	0 ANNUAL	WMRS			5
MINE	429530	5405823	0.04502	361	361	0 ANNUAL	WMRS			5
MINE	429530	5405623	0.04303	362	362	0 ANNUAL	WMRS			5
MINE	429530	5405423	0.04117	363	363	0 ANNUAL	WMRS			5
MINE	429530	5405223	0.03939	365	365	0 ANNUAL	WMRS			5
MINE	429530	5405023	0.03773	367.24	367.24	0 ANNUAL	WMRS			5
MINE	429530	5404823	0.03615	369.21	369.21	0 ANNUAL	WMRS			5
MINE	429530	5404623	0.03475	370	370	0 ANNUAL	WMRS			5
MINE	429530	5404423	0.0336	370	370	0 ANNUAL	WMRS			5
MINE	429530	5404223	0.03271	370	370	0 ANNUAL	WMRS			5
MINE	429530	5404023	0.03212	369	369	0 ANNUAL	WMRS			5
MINE	429730	5408423	0.05759	378	378	0 ANNUAL	WMRS			5
MINE	429730	5408223	0.05798	374	374	0 ANNUAL	WMRS			5
MINE	429730	5408023	0.05753	369.84	369.84	0 ANNUAL	WMRS			5
MINE	429730	5407823	0.05695	361.19	361.19	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	429730	5407623	0.0565	358	358	0 ANNUAL	WMRS			5
MINE	429730	5407423	0.05587	356.37	356.37	0 ANNUAL	WMRS			5
MINE	429730	5407223	0.05511	356	356	0 ANNUAL	WMRS			5
MINE	429730	5407023	0.05428	357	357	0 ANNUAL	WMRS			5
MINE	429730	5406823	0.05309	358	358	0 ANNUAL	WMRS			5
MINE	429730	5406623	0.05163	359	359	0 ANNUAL	WMRS			5
MINE	429730	5406423	0.04979	367.04	367.04	0 ANNUAL	WMRS			5
MINE	429730	5406223	0.04772	366.11	366.11	0 ANNUAL	WMRS			5
MINE	429730	5406023	0.04574	364	364	0 ANNUAL	WMRS			5
MINE	429730	5405823	0.04379	364	364	0 ANNUAL	WMRS			5
MINE	429730	5405623	0.04195	364	364	0 ANNUAL	WMRS			5
MINE	429730	5405423	0.04017	365	365	0 ANNUAL	WMRS			5
MINE	429730	5405223	0.03849	367	367	0 ANNUAL	WMRS			5
MINE	429730	5405023	0.03695	368	368	0 ANNUAL	WMRS			5
MINE	429730	5404823	0.03543	370	370	0 ANNUAL	WMRS			5
MINE	429730	5404623	0.03405	370	370	0 ANNUAL	WMRS			5
MINE	429730	5404423	0.03284	369.39	369.39	0 ANNUAL	WMRS			5
MINE	429730	5404223	0.03183	369	369	0 ANNUAL	WMRS			5
MINE	429730	5404023	0.03103	369	369	0 ANNUAL	WMRS			5
MINE	429930	5408423	0.05534	373.35	373.35	0 ANNUAL	WMRS			5
MINE	429930	5408223	0.05558	369.56	369.56	0 ANNUAL	WMRS			5
MINE	429930	5408023	0.05528	363.02	363.02	0 ANNUAL	WMRS			5
MINE	429930	5407823	0.05462	359.29	359.29	0 ANNUAL	WMRS			5
MINE	429930	5407623	0.05399	358	358	0 ANNUAL	WMRS			5
MINE	429930	5407423	0.05309	358.49	358.49	0 ANNUAL	WMRS			5
MINE	429930	5407223	0.05269	356.39	356.39	0 ANNUAL	WMRS			5
MINE	429930	5407023	0.05187	358	358	0 ANNUAL	WMRS			5
MINE	429930	5406823	0.05096	359	359	0 ANNUAL	WMRS			5
MINE	429930	5406623	0.04985	360.58	360.58	0 ANNUAL	WMRS			5
MINE	429930	5406423	0.04838	363.04	363.04	0 ANNUAL	WMRS			5
MINE	429930	5406223	0.04651	365.79	365.79	0 ANNUAL	WMRS			5
MINE	429930	5406023	0.0445	367.78	367.78	0 ANNUAL	WMRS			5
MINE	429930	5405823	0.04259	368	368	0 ANNUAL	WMRS			5
MINE	429930	5405623	0.0409	366.29	366.29	0 ANNUAL	WMRS			5
MINE	429930	5405423	0.03926	366	366	0 ANNUAL	WMRS			5
MINE	429930	5405223	0.03764	368	368	0 ANNUAL	WMRS			5
MINE	429930	5405023	0.03617	369	369	0 ANNUAL	WMRS			5
MINE	429930	5404823	0.03477	370	370	0 ANNUAL	WMRS			5
MINE	429930	5404623	0.03343	370	370	0 ANNUAL	WMRS			5
MINE	429930	5404423	0.03222	368.53	368.53	0 ANNUAL	WMRS			5
MINE	429930	5404223	0.03113	368	368	0 ANNUAL	WMRS			5
MINE	429930	5404023	0.03015	369	369	0 ANNUAL	WMRS			5
MINE	430130	5408423	0.05288	371.22	371.22	0 ANNUAL	WMRS			5
MINE	430130	5408223	0.05315	366.78	366.78	0 ANNUAL	WMRS			5
MINE	430130	5408023	0.05294	361	361	0 ANNUAL	WMRS			5
MINE	430130	5407823	0.05232	359	359	0 ANNUAL	WMRS			5
MINE	430130	5407623	0.05126	360.53	360.53	0 ANNUAL	WMRS			5
MINE	430130	5407423	0.05054	360	360	0 ANNUAL	WMRS			5
MINE	430130	5407223	0.05042	357	357	0 ANNUAL	WMRS			5
MINE	430130	5407023	0.04967	358	358	0 ANNUAL	WMRS			5
MINE	430130	5406823	0.04892	359	359	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	430130	5406623	0.04814	363.41	363.41	0 ANNUAL	WMRS			5
MINE	430130	5406423	0.04691	369.41	369.41	0 ANNUAL	WMRS			5
MINE	430130	5406223	0.04526	368.17	368.17	0 ANNUAL	WMRS			5
MINE	430130	5406023	0.04338	369.69	369.69	0 ANNUAL	WMRS			5
MINE	430130	5405823	0.04156	370.01	370.01	0 ANNUAL	WMRS			5
MINE	430130	5405623	0.03994	368	368	0 ANNUAL	WMRS			5
MINE	430130	5405423	0.03838	367	367	0 ANNUAL	WMRS			5
MINE	430130	5405223	0.03685	368	368	0 ANNUAL	WMRS			5
MINE	430130	5405023	0.03543	369	369	0 ANNUAL	WMRS			5
MINE	430130	5404823	0.03413	369	369	0 ANNUAL	WMRS			5
MINE	430130	5404623	0.03288	368.37	368.37	0 ANNUAL	WMRS			5
MINE	430130	5404423	0.03169	367	367	0 ANNUAL	WMRS			5
MINE	430130	5404223	0.03055	367.03	367.03	0 ANNUAL	WMRS			5
MINE	430130	5404023	0.02945	369	369	0 ANNUAL	WMRS			5
MINE	430330	5407423	0.04838	360.24	360.24	0 ANNUAL	WMRS			5
MINE	430330	5407223	0.0483	357	357	0 ANNUAL	WMRS			5
MINE	430330	5407023	0.04736	359.95	359.95	0 ANNUAL	WMRS			5
MINE	430330	5406823	0.04689	362.08	362.08	0 ANNUAL	WMRS			5
MINE	430330	5406623	0.0464	368.6	381	0 ANNUAL	WMRS			5
MINE	430330	5406423	0.04505	380	380	0 ANNUAL	WMRS			5
MINE	430330	5406223	0.04386	374.6	374.6	0 ANNUAL	WMRS			5
MINE	430330	5406023	0.04213	374.95	374.95	0 ANNUAL	WMRS			5
MINE	430330	5405823	0.04059	371.15	371.15	0 ANNUAL	WMRS			5
MINE	430330	5405623	0.03902	369.53	369.53	0 ANNUAL	WMRS			5
MINE	430330	5405423	0.03754	368	368	0 ANNUAL	WMRS			5
MINE	430330	5405223	0.03609	368	368	0 ANNUAL	WMRS			5
MINE	430330	5405023	0.03477	367.42	367.42	0 ANNUAL	WMRS			5
MINE	430330	5404823	0.03352	367	367	0 ANNUAL	WMRS			5
MINE	430330	5404623	0.03233	366.1	366.1	0 ANNUAL	WMRS			5
MINE	430330	5404423	0.03116	366	366	0 ANNUAL	WMRS			5
MINE	430330	5404223	0.03001	367	367	0 ANNUAL	WMRS			5
MINE	430330	5404023	0.02889	369	369	0 ANNUAL	WMRS			5
MINE	430530	5410023	0.05329	381	381	0 ANNUAL	WMRS			5
MINE	430530	5409823	0.05247	381	381	0 ANNUAL	WMRS			5
MINE	430530	5409623	0.05089	380	380	0 ANNUAL	WMRS			5
MINE	430530	5409423	0.04938	380	380	0 ANNUAL	WMRS			5
MINE	430530	5409223	0.04851	381	381	0 ANNUAL	WMRS			5
MINE	430530	5409023	0.04817	381	381	0 ANNUAL	WMRS			5
MINE	430530	5408823	0.04781	379.88	379.88	0 ANNUAL	WMRS			5
MINE	430530	5408623	0.04761	377.39	377.39	0 ANNUAL	WMRS			5
MINE	430530	5407423	0.0464	360.46	360.46	0 ANNUAL	WMRS			5
MINE	430530	5407223	0.04573	360.86	360.86	0 ANNUAL	WMRS			5
MINE	430530	5407023	0.04536	360	360	0 ANNUAL	WMRS			5
MINE	430530	5406823	0.0448	367.66	367.66	0 ANNUAL	WMRS			5
MINE	430530	5406623	0.04446	374	374	0 ANNUAL	WMRS			5
MINE	430530	5406423	0.04366	379	379	0 ANNUAL	WMRS			5
MINE	430530	5406223	0.0425	378.54	378.54	0 ANNUAL	WMRS			5
MINE	430530	5406023	0.0412	374	374	0 ANNUAL	WMRS			5
MINE	430530	5405823	0.03972	371	371	0 ANNUAL	WMRS			5
MINE	430530	5405623	0.03822	369	369	0 ANNUAL	WMRS			5
MINE	430530	5405423	0.03677	368	368	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	430530	5405223	0.03541	367	367	0 ANNUAL	WMRS			5
MINE	430530	5405023	0.0341	367	367	0 ANNUAL	WMRS			5
MINE	430530	5404823	0.03291	366	366	0 ANNUAL	WMRS			5
MINE	430530	5404623	0.03177	365	365	0 ANNUAL	WMRS			5
MINE	430530	5404423	0.03064	365	365	0 ANNUAL	WMRS			5
MINE	430530	5404223	0.02955	365	365	0 ANNUAL	WMRS			5
MINE	430530	5404023	0.02851	365.54	365.54	0 ANNUAL	WMRS			5
MINE	430730	5410023	0.05102	381	381	0 ANNUAL	WMRS			5
MINE	430730	5409823	0.05035	380	380	0 ANNUAL	WMRS			5
MINE	430730	5409623	0.04874	380	380	0 ANNUAL	WMRS			5
MINE	430730	5409423	0.04726	380.15	380.15	0 ANNUAL	WMRS			5
MINE	430730	5409223	0.0469	377.17	377.17	0 ANNUAL	WMRS			5
MINE	430730	5409023	0.04662	376.24	376.24	0 ANNUAL	WMRS			5
MINE	430730	5408823	0.0463	374.94	374.94	0 ANNUAL	WMRS			5
MINE	430730	5408623	0.04638	368.41	368.41	0 ANNUAL	WMRS			5
MINE	430730	5407423	0.04448	362	362	0 ANNUAL	WMRS			5
MINE	430730	5407223	0.04359	364.94	364.94	0 ANNUAL	WMRS			5
MINE	430730	5407023	0.04315	365.1	365.1	0 ANNUAL	WMRS			5
MINE	430730	5406823	0.04286	367.59	367.59	0 ANNUAL	WMRS			5
MINE	430730	5406623	0.04266	372.09	372.09	0 ANNUAL	WMRS			5
MINE	430730	5406423	0.04224	376.42	376.42	0 ANNUAL	WMRS			5
MINE	430730	5406223	0.04148	374.16	374.16	0 ANNUAL	WMRS			5
MINE	430730	5406023	0.04031	370.1	370.1	0 ANNUAL	WMRS			5
MINE	430730	5405823	0.0389	369	369	0 ANNUAL	WMRS			5
MINE	430730	5405623	0.03742	369.06	369.06	0 ANNUAL	WMRS			5
MINE	430730	5405423	0.03595	370	370	0 ANNUAL	WMRS			5
MINE	430730	5405223	0.03463	369	369	0 ANNUAL	WMRS			5
MINE	430730	5405023	0.03343	367	367	0 ANNUAL	WMRS			5
MINE	430730	5404823	0.03228	366	366	0 ANNUAL	WMRS			5
MINE	430730	5404623	0.03119	364.57	364.57	0 ANNUAL	WMRS			5
MINE	430730	5404423	0.03013	364	364	0 ANNUAL	WMRS			5
MINE	430730	5404223	0.02911	363	363	0 ANNUAL	WMRS			5
MINE	430730	5404023	0.02811	363	363	0 ANNUAL	WMRS			5
MINE	430930	5410023	0.04891	381	381	0 ANNUAL	WMRS			5
MINE	430930	5409823	0.04827	380	380	0 ANNUAL	WMRS			5
MINE	430930	5409623	0.04697	378	378	0 ANNUAL	WMRS			5
MINE	430930	5409423	0.04569	377.07	377.07	0 ANNUAL	WMRS			5
MINE	430930	5409223	0.04514	375.17	375.17	0 ANNUAL	WMRS			5
MINE	430930	5409023	0.04502	371.64	371.64	0 ANNUAL	WMRS			5
MINE	430930	5408823	0.04478	369.01	369.01	0 ANNUAL	WMRS			5
MINE	430930	5408623	0.04433	369.88	369.88	0 ANNUAL	WMRS			5
MINE	430930	5407423	0.04281	362.07	362.07	0 ANNUAL	WMRS			5
MINE	430930	5407223	0.04187	365.99	365.99	0 ANNUAL	WMRS			5
MINE	430930	5407023	0.04116	369	369	0 ANNUAL	WMRS			5
MINE	430930	5406823	0.04086	371	371	0 ANNUAL	WMRS			5
MINE	430930	5406623	0.04081	373	373	0 ANNUAL	WMRS			5
MINE	430930	5406423	0.04071	374	374	0 ANNUAL	WMRS			5
MINE	430930	5406223	0.04023	372	372	0 ANNUAL	WMRS			5
MINE	430930	5406023	0.03926	370	370	0 ANNUAL	WMRS			5
MINE	430930	5405823	0.03799	370	370	0 ANNUAL	WMRS			5
MINE	430930	5405623	0.03661	370	370	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	430930	5405423	0.03524	370	370	0 ANNUAL	WMRS			5
MINE	430930	5405223	0.03396	369	369	0 ANNUAL	WMRS			5
MINE	430930	5405023	0.03279	367	367	0 ANNUAL	WMRS			5
MINE	430930	5404823	0.03169	365.31	365.31	0 ANNUAL	WMRS			5
MINE	430930	5404623	0.03062	364.67	364.67	0 ANNUAL	WMRS			5
MINE	430930	5404423	0.0296	364	364	0 ANNUAL	WMRS			5
MINE	430930	5404223	0.02863	363	363	0 ANNUAL	WMRS			5
MINE	430930	5404023	0.02766	363	363	0 ANNUAL	WMRS			5
MINE	431130	5410023	0.04694	381	381	0 ANNUAL	WMRS			5
MINE	431130	5409823	0.04623	381	381	0 ANNUAL	WMRS			5
MINE	431130	5409623	0.04487	380	380	0 ANNUAL	WMRS			5
MINE	431130	5409423	0.0435	380	380	0 ANNUAL	WMRS			5
MINE	431130	5409223	0.04327	375.38	375.38	0 ANNUAL	WMRS			5
MINE	431130	5409023	0.04324	370.75	370.75	0 ANNUAL	WMRS			5
MINE	431130	5408823	0.04285	371	371	0 ANNUAL	WMRS			5
MINE	431130	5408623	0.04248	370.5	370.5	0 ANNUAL	WMRS			5
MINE	431130	5408423	0.04242	367.74	367.74	0 ANNUAL	WMRS			5
MINE	431130	5408223	0.04281	361	361	0 ANNUAL	WMRS			5
MINE	431130	5408023	0.04289	359	359	0 ANNUAL	WMRS			5
MINE	431130	5407823	0.04252	360	360	0 ANNUAL	WMRS			5
MINE	431130	5407623	0.04197	361	361	0 ANNUAL	WMRS			5
MINE	431130	5407423	0.04125	362.31	362.31	0 ANNUAL	WMRS			5
MINE	431130	5407223	0.04035	366	366	0 ANNUAL	WMRS			5
MINE	431130	5407023	0.03953	369.7	369.7	0 ANNUAL	WMRS			5
MINE	431130	5406823	0.03912	371.55	371.55	0 ANNUAL	WMRS			5
MINE	431130	5406623	0.03903	373.87	373.87	0 ANNUAL	WMRS			5
MINE	431130	5406423	0.0391	374	374	0 ANNUAL	WMRS			5
MINE	431130	5406223	0.03886	373	373	0 ANNUAL	WMRS			5
MINE	431130	5406023	0.03814	373	373	0 ANNUAL	WMRS			5
MINE	431130	5405823	0.03708	371	371	0 ANNUAL	WMRS			5
MINE	431130	5405623	0.03583	370	370	0 ANNUAL	WMRS			5
MINE	431130	5405423	0.03454	370	370	0 ANNUAL	WMRS			5
MINE	431130	5405223	0.03331	369	369	0 ANNUAL	WMRS			5
MINE	431130	5405023	0.03218	367	367	0 ANNUAL	WMRS			5
MINE	431130	5404823	0.0311	365.41	365.41	0 ANNUAL	WMRS			5
MINE	431130	5404623	0.03006	364.78	364.78	0 ANNUAL	WMRS			5
MINE	431130	5404423	0.02908	364	364	0 ANNUAL	WMRS			5
MINE	431130	5404223	0.02811	364.5	364.5	0 ANNUAL	WMRS			5
MINE	431130	5404023	0.02717	365	365	0 ANNUAL	WMRS			5
MINE	428130	5406823	0.07073	355.87	355.87	0 ANNUAL	WMRS			5
MINE	428130	5406623	0.06607	362	362	0 ANNUAL	WMRS			5
MINE	428130	5406423	0.06218	366	366	0 ANNUAL	WMRS			5
MINE	428130	5406223	0.05883	368	368	0 ANNUAL	WMRS			5
MINE	428130	5406023	0.0561	366	366	0 ANNUAL	WMRS			5
MINE	428130	5405823	0.05393	363	363	0 ANNUAL	WMRS			5
MINE	428130	5405623	0.05203	362	362	0 ANNUAL	WMRS			5
MINE	428130	5405423	0.05052	361	361	0 ANNUAL	WMRS			5
MINE	428130	5405223	0.04886	364	364	0 ANNUAL	WMRS			5
MINE	428130	5405023	0.04759	366.58	366.58	0 ANNUAL	WMRS			5
MINE	428130	5404823	0.04644	369	369	0 ANNUAL	WMRS			5
MINE	428130	5404623	0.04528	370	370	0 ANNUAL	WMRS			5



Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	428130	5404423	0.044	370	370	0 ANNUAL	WMRS			5
MINE	428130	5404223	0.04257	369.94	369.94	0 ANNUAL	WMRS			5
MINE	428130	5404023	0.04105	369	369	0 ANNUAL	WMRS			5
MINE	427930	5406823	0.07231	360.98	360.98	0 ANNUAL	WMRS			5
MINE	427930	5406623	0.06788	364.37	364.37	0 ANNUAL	WMRS			5
MINE	427930	5406423	0.06388	368.25	368.25	0 ANNUAL	WMRS			5
MINE	427930	5406223	0.06041	370	370	0 ANNUAL	WMRS			5
MINE	427930	5406023	0.05774	368	368	0 ANNUAL	WMRS			5
MINE	427930	5405823	0.05571	365	365	0 ANNUAL	WMRS			5
MINE	427930	5405623	0.05411	363	363	0 ANNUAL	WMRS			5
MINE	427930	5405423	0.05279	361	361	0 ANNUAL	WMRS			5
MINE	427930	5405223	0.0513	362	362	0 ANNUAL	WMRS			5
MINE	427930	5405023	0.04989	364	364	0 ANNUAL	WMRS			5
MINE	427930	5404823	0.04849	366	366	0 ANNUAL	WMRS			5
MINE	427930	5404623	0.04697	367.96	367.96	0 ANNUAL	WMRS			5
MINE	427930	5404423	0.04534	368	368	0 ANNUAL	WMRS			5
MINE	427930	5404223	0.04359	368	368	0 ANNUAL	WMRS			5
MINE	427930	5404023	0.04178	368	368	0 ANNUAL	WMRS			5
MINE	427730	5406823	0.07471	361.08	361.08	0 ANNUAL	WMRS			5
MINE	427730	5406623	0.06975	367.72	367.72	0 ANNUAL	WMRS			5
MINE	427730	5406423	0.06547	372	372	0 ANNUAL	WMRS			5
MINE	427730	5406223	0.06212	372	372	0 ANNUAL	WMRS			5
MINE	427730	5406023	0.05981	369	369	0 ANNUAL	WMRS			5
MINE	427730	5405823	0.05799	366.74	366.74	0 ANNUAL	WMRS			5
MINE	427730	5405623	0.05658	364	364	0 ANNUAL	WMRS			5
MINE	427730	5405423	0.05524	361.35	361.35	0 ANNUAL	WMRS			5
MINE	427730	5405223	0.05358	364	364	0 ANNUAL	WMRS			5
MINE	427730	5405023	0.05202	363	363	0 ANNUAL	WMRS			5
MINE	427730	5404823	0.05028	363	363	0 ANNUAL	WMRS			5
MINE	427730	5404623	0.04841	364	364	0 ANNUAL	WMRS			5
MINE	427730	5404423	0.04643	365	365	0 ANNUAL	WMRS			5
MINE	427730	5404223	0.0444	365.12	365.12	0 ANNUAL	WMRS			5
MINE	427730	5404023	0.04235	366	366	0 ANNUAL	WMRS			5
MINE	427530	5406823	0.07749	359.92	359.92	0 ANNUAL	WMRS			5
MINE	427530	5406623	0.07243	364.84	364.84	0 ANNUAL	WMRS			5
MINE	427530	5406423	0.06744	373.47	373.47	0 ANNUAL	WMRS			5
MINE	427530	5406223	0.06379	375.94	375.94	0 ANNUAL	WMRS			5
MINE	427530	5406023	0.06222	371.26	371.26	0 ANNUAL	WMRS			5
MINE	427530	5405823	0.06073	368.62	368.62	0 ANNUAL	WMRS			5
MINE	427530	5405623	0.05952	362.99	362.99	0 ANNUAL	WMRS			5
MINE	427530	5405423	0.05766	365.65	365.65	0 ANNUAL	WMRS			5
MINE	427530	5405223	0.05575	369	369	0 ANNUAL	WMRS			5
MINE	427530	5405023	0.05383	368	368	0 ANNUAL	WMRS			5
MINE	427530	5404823	0.05174	366	366	0 ANNUAL	WMRS			5
MINE	427530	5404623	0.04952	364.04	364.04	0 ANNUAL	WMRS			5
MINE	427530	5404423	0.04724	364	364	0 ANNUAL	WMRS			5
MINE	427530	5404223	0.04499	364	364	0 ANNUAL	WMRS			5
MINE	427530	5404023	0.04278	365	365	0 ANNUAL	WMRS			5
MINE	427330	5406823	0.08018	361	361	0 ANNUAL	WMRS			5
MINE	427330	5406623	0.07518	364.96	364.96	0 ANNUAL	WMRS			5
MINE	427330	5406423	0.0694	376.75	378	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	427330	5406223	0.06575	380.38	380.38	0 ANNUAL	WMRS			5
MINE	427330	5406023	0.06513	374.15	374.15	0 ANNUAL	WMRS			5
MINE	427330	5405823	0.06397	369.44	369.44	0 ANNUAL	WMRS			5
MINE	427330	5405623	0.0625	362	362	0 ANNUAL	WMRS			5
MINE	427330	5405423	0.0602	367	367	0 ANNUAL	WMRS			5
MINE	427330	5405223	0.05778	370	370	0 ANNUAL	WMRS			5
MINE	427330	5405023	0.0553	370	370	0 ANNUAL	WMRS			5
MINE	427330	5404823	0.05277	368.53	368.53	0 ANNUAL	WMRS			5
MINE	427330	5404623	0.05022	367	367	0 ANNUAL	WMRS			5
MINE	427330	5404423	0.04772	365.96	365.96	0 ANNUAL	WMRS			5
MINE	427330	5404223	0.04543	364	364	0 ANNUAL	WMRS			5
MINE	427330	5404023	0.04319	364.2	364.2	0 ANNUAL	WMRS			5
MINE	427130	5406823	0.08262	366	366	0 ANNUAL	WMRS			5
MINE	427130	5406623	0.07887	362.99	362.99	0 ANNUAL	WMRS			5
MINE	427130	5406423	0.0746	368.17	383	0 ANNUAL	WMRS			5
MINE	427130	5406223	0.07161	370.56	383	0 ANNUAL	WMRS			5
MINE	427130	5406023	0.06965	369	369	0 ANNUAL	WMRS			5
MINE	427130	5405823	0.06758	367	367	0 ANNUAL	WMRS			5
MINE	427130	5405623	0.06527	362.76	362.76	0 ANNUAL	WMRS			5
MINE	427130	5405423	0.0625	366	366	0 ANNUAL	WMRS			5
MINE	427130	5405223	0.05949	369	369	0 ANNUAL	WMRS			5
MINE	427130	5405023	0.05642	370	370	0 ANNUAL	WMRS			5
MINE	427130	5404823	0.0535	369	369	0 ANNUAL	WMRS			5
MINE	427130	5404623	0.05071	368	368	0 ANNUAL	WMRS			5
MINE	427130	5404423	0.0481	367	367	0 ANNUAL	WMRS			5
MINE	427130	5404223	0.0457	366	366	0 ANNUAL	WMRS			5
MINE	427130	5404023	0.04349	365	365	0 ANNUAL	WMRS			5
MINE	426930	5406823	0.08516	372	372	0 ANNUAL	WMRS			5
MINE	426930	5406623	0.08165	370	370	0 ANNUAL	WMRS			5
MINE	426930	5406423	0.0791	366.8	366.8	0 ANNUAL	WMRS			5
MINE	426930	5406223	0.0766	364.35	364.35	0 ANNUAL	WMRS			5
MINE	426930	5406023	0.07392	362.45	362.45	0 ANNUAL	WMRS			5
MINE	426930	5405823	0.07093	362.28	362.28	0 ANNUAL	WMRS			5
MINE	426930	5405623	0.06771	364	364	0 ANNUAL	WMRS			5
MINE	426930	5405423	0.06429	366.06	366.06	0 ANNUAL	WMRS			5
MINE	426930	5405223	0.06074	368	368	0 ANNUAL	WMRS			5
MINE	426930	5405023	0.05727	369	369	0 ANNUAL	WMRS			5
MINE	426930	5404823	0.05406	369	369	0 ANNUAL	WMRS			5
MINE	426930	5404623	0.05109	369	369	0 ANNUAL	WMRS			5
MINE	426930	5404423	0.04845	368	368	0 ANNUAL	WMRS			5
MINE	426930	5404223	0.04602	367	367	0 ANNUAL	WMRS			5
MINE	426930	5404023	0.04373	366	366	0 ANNUAL	WMRS			5
MINE	426730	5406823	0.08779	378.14	378.14	0 ANNUAL	WMRS			5
MINE	426730	5406623	0.08511	376	376	0 ANNUAL	WMRS			5
MINE	426730	5406423	0.08311	372.07	372.07	0 ANNUAL	WMRS			5
MINE	426730	5406223	0.08038	369.83	369.83	0 ANNUAL	WMRS			5
MINE	426730	5406023	0.0771	368.43	368.43	0 ANNUAL	WMRS			5
MINE	426730	5405823	0.07345	367	367	0 ANNUAL	WMRS			5
MINE	426730	5405623	0.06956	366	366	0 ANNUAL	WMRS			5
MINE	426730	5405423	0.06558	366.11	366.11	0 ANNUAL	WMRS			5
MINE	426730	5405223	0.06158	368	368	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	426730	5405023	0.05787	369	369	0 ANNUAL	WMRS			5
MINE	426730	5404823	0.05446	370	370	0 ANNUAL	WMRS			5
MINE	426730	5404623	0.05146	370	370	0 ANNUAL	WMRS			5
MINE	426730	5404423	0.0487	370	370	0 ANNUAL	WMRS			5
MINE	426730	5404223	0.04617	369	369	0 ANNUAL	WMRS			5
MINE	426730	5404023	0.04377	367.9	367.9	0 ANNUAL	WMRS			5
MINE	426530	5406823	0.09279	379.77	379.77	0 ANNUAL	WMRS			5
MINE	426530	5406623	0.0898	379	379	0 ANNUAL	WMRS			5
MINE	426530	5406423	0.08749	375	375	0 ANNUAL	WMRS			5
MINE	426530	5406223	0.08371	374	374	0 ANNUAL	WMRS			5
MINE	426530	5406023	0.07985	370	370	0 ANNUAL	WMRS			5
MINE	426530	5405823	0.07547	367.06	367.06	0 ANNUAL	WMRS			5
MINE	426530	5405623	0.07105	364.43	364.43	0 ANNUAL	WMRS			5
MINE	426530	5405423	0.06677	363.02	367	0 ANNUAL	WMRS			5
MINE	426530	5405223	0.06242	366	366	0 ANNUAL	WMRS			5
MINE	426530	5405023	0.05851	368	368	0 ANNUAL	WMRS			5
MINE	426530	5404823	0.05502	369	369	0 ANNUAL	WMRS			5
MINE	426530	5404623	0.05181	370	370	0 ANNUAL	WMRS			5
MINE	426530	5404423	0.04888	370	370	0 ANNUAL	WMRS			5
MINE	426530	5404223	0.04611	370	370	0 ANNUAL	WMRS			5
MINE	426530	5404023	0.04353	369	369	0 ANNUAL	WMRS			5
MINE	426330	5406823	0.0998	378.56	378.56	0 ANNUAL	WMRS			5
MINE	426330	5406623	0.09503	380	380	0 ANNUAL	WMRS			5
MINE	426330	5406423	0.09061	379.16	379.16	0 ANNUAL	WMRS			5
MINE	426330	5406223	0.08469	381	381	0 ANNUAL	WMRS			5
MINE	426330	5406023	0.0805	376.97	376.97	0 ANNUAL	WMRS			5
MINE	426330	5405823	0.07665	368.97	368.97	0 ANNUAL	WMRS			5
MINE	426330	5405623	0.072	365.1	365.1	0 ANNUAL	WMRS			5
MINE	426330	5405423	0.06743	363.9	363.9	0 ANNUAL	WMRS			5
MINE	426330	5405223	0.06289	367	367	0 ANNUAL	WMRS			5
MINE	426330	5405023	0.05878	369.59	369.59	0 ANNUAL	WMRS			5
MINE	426330	5404823	0.05518	370	370	0 ANNUAL	WMRS			5
MINE	426330	5404623	0.05183	370	370	0 ANNUAL	WMRS			5
MINE	426330	5404423	0.04869	370	370	0 ANNUAL	WMRS			5
MINE	426330	5404223	0.04575	370	370	0 ANNUAL	WMRS			5
MINE	426330	5404023	0.04301	370	370	0 ANNUAL	WMRS			5
MINE	426130	5406823	0.10728	376	376	0 ANNUAL	WMRS			5
MINE	426130	5406623	0.10016	379	379	0 ANNUAL	WMRS			5
MINE	426130	5406423	0.09126	384.35	384.35	0 ANNUAL	WMRS			5
MINE	426130	5406223	0.08183	389.82	389.82	0 ANNUAL	WMRS			5
MINE	426130	5406023	0.07701	388.21	388.21	0 ANNUAL	WMRS			5
MINE	426130	5405823	0.07626	375.83	375.83	0 ANNUAL	WMRS			5
MINE	426130	5405623	0.07229	369	369	0 ANNUAL	WMRS			5
MINE	426130	5405423	0.06802	362.56	362.56	0 ANNUAL	WMRS			5
MINE	426130	5405223	0.0633	365.07	365.07	0 ANNUAL	WMRS			5
MINE	426130	5405023	0.0589	369	369	0 ANNUAL	WMRS			5
MINE	426130	5404823	0.05499	370	370	0 ANNUAL	WMRS			5
MINE	426130	5404623	0.0515	369	369	0 ANNUAL	WMRS			5
MINE	426130	5404423	0.04818	369.61	369.61	0 ANNUAL	WMRS			5
MINE	426130	5404223	0.04514	370	370	0 ANNUAL	WMRS			5
MINE	426130	5404023	0.04241	370	370	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	425930	5406823	0.11266	376.11	376.11	0 ANNUAL	WMRS			5
MINE	425930	5406623	0.10261	380.74	380.74	0 ANNUAL	WMRS			5
MINE	425930	5406423	0.09039	388.32	388.32	0 ANNUAL	WMRS			5
MINE	425930	5406223	0.08259	390	390	0 ANNUAL	WMRS			5
MINE	425930	5406023	0.07699	389.54	389.54	0 ANNUAL	WMRS			5
MINE	425930	5405823	0.07638	378.08	378.08	0 ANNUAL	WMRS			5
MINE	425930	5405623	0.07245	371	371	0 ANNUAL	WMRS			5
MINE	425930	5405423	0.06779	366.45	366.45	0 ANNUAL	WMRS			5
MINE	425930	5405223	0.06327	362	362	0 ANNUAL	WMRS			5
MINE	425930	5405023	0.0586	367.04	367.04	0 ANNUAL	WMRS			5
MINE	425930	5404823	0.05438	370	370	0 ANNUAL	WMRS			5
MINE	425930	5404623	0.05082	369	369	0 ANNUAL	WMRS			5
MINE	425930	5404423	0.04745	370	370	0 ANNUAL	WMRS			5
MINE	425930	5404223	0.04443	371	371	0 ANNUAL	WMRS			5
MINE	425930	5404023	0.04178	371	371	0 ANNUAL	WMRS			5
MINE	425730	5406823	0.11671	375.55	375.55	0 ANNUAL	WMRS			5
MINE	425730	5406623	0.10448	381	381	0 ANNUAL	WMRS			5
MINE	425730	5406423	0.0938	384.88	384.88	0 ANNUAL	WMRS			5
MINE	425730	5406223	0.08651	384.99	384.99	0 ANNUAL	WMRS			5
MINE	425730	5406023	0.08174	381.24	381.24	0 ANNUAL	WMRS			5
MINE	425730	5405823	0.07707	376.6	376.6	0 ANNUAL	WMRS			5
MINE	425730	5405623	0.07215	371.97	371.97	0 ANNUAL	WMRS			5
MINE	425730	5405423	0.06722	367.58	367.58	0 ANNUAL	WMRS			5
MINE	425730	5405223	0.06262	362.13	362.13	0 ANNUAL	WMRS			5
MINE	425730	5405023	0.05801	364	364	0 ANNUAL	WMRS			5
MINE	425730	5404823	0.05379	367	367	0 ANNUAL	WMRS			5
MINE	425730	5404623	0.0502	367	367	0 ANNUAL	WMRS			5
MINE	425730	5404423	0.04679	370	370	0 ANNUAL	WMRS			5
MINE	425730	5404223	0.04386	371	371	0 ANNUAL	WMRS			5
MINE	425730	5404023	0.04136	370	370	0 ANNUAL	WMRS			5
MINE	425530	5406823	0.12123	370.69	370.69	0 ANNUAL	WMRS			5
MINE	425530	5406623	0.10698	378.99	378.99	0 ANNUAL	WMRS			5
MINE	425530	5406423	0.09635	382	382	0 ANNUAL	WMRS			5
MINE	425530	5406223	0.08907	380.76	380.76	0 ANNUAL	WMRS			5
MINE	425530	5406023	0.08283	378.05	378.05	0 ANNUAL	WMRS			5
MINE	425530	5405823	0.07704	374.49	374.49	0 ANNUAL	WMRS			5
MINE	425530	5405623	0.07161	370	370	0 ANNUAL	WMRS			5
MINE	425530	5405423	0.0664	366.22	366.22	0 ANNUAL	WMRS			5
MINE	425530	5405223	0.06169	362.59	362.59	0 ANNUAL	WMRS			5
MINE	425530	5405023	0.05722	363	363	0 ANNUAL	WMRS			5
MINE	425530	5404823	0.05314	365	365	0 ANNUAL	WMRS			5
MINE	425530	5404623	0.04944	368.32	368.32	0 ANNUAL	WMRS			5
MINE	425530	5404423	0.04614	371	371	0 ANNUAL	WMRS			5
MINE	425530	5404223	0.04338	371	371	0 ANNUAL	WMRS			5
MINE	425530	5404023	0.04094	370	370	0 ANNUAL	WMRS			5
MINE	425330	5406823	0.12293	370	370	0 ANNUAL	WMRS			5
MINE	425330	5406623	0.10857	377.09	377.09	0 ANNUAL	WMRS			5
MINE	425330	5406423	0.09688	381	381	0 ANNUAL	WMRS			5
MINE	425330	5406223	0.08854	380.64	380.64	0 ANNUAL	WMRS			5
MINE	425330	5406023	0.08274	375.01	375.01	0 ANNUAL	WMRS			5
MINE	425330	5405823	0.0767	370	370	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	425330	5405623	0.07076	367.24	367.24	0 ANNUAL	WMRS			5
MINE	425330	5405423	0.06544	365	365	0 ANNUAL	WMRS			5
MINE	425330	5405223	0.0608	362.47	362.47	0 ANNUAL	WMRS			5
MINE	425330	5405023	0.05644	363.14	363.14	0 ANNUAL	WMRS			5
MINE	425330	5404823	0.05243	366	366	0 ANNUAL	WMRS			5
MINE	425330	5404623	0.04884	369	369	0 ANNUAL	WMRS			5
MINE	425330	5404423	0.04576	370	370	0 ANNUAL	WMRS			5
MINE	425330	5404223	0.04298	371	371	0 ANNUAL	WMRS			5
MINE	425330	5404023	0.04065	369.76	369.76	0 ANNUAL	WMRS			5
MINE	425130	5406823	0.12278	370.57	370.57	0 ANNUAL	WMRS			5
MINE	425130	5406623	0.10909	374.5	374.5	0 ANNUAL	WMRS			5
MINE	425130	5406423	0.0974	377.46	377.46	0 ANNUAL	WMRS			5
MINE	425130	5406223	0.08827	377.73	377.73	0 ANNUAL	WMRS			5
MINE	425130	5406023	0.08127	374.9	374.9	0 ANNUAL	WMRS			5
MINE	425130	5405823	0.07518	371	371	0 ANNUAL	WMRS			5
MINE	425130	5405623	0.06948	368.47	368.47	0 ANNUAL	WMRS			5
MINE	425130	5405423	0.06453	365	365	0 ANNUAL	WMRS			5
MINE	425130	5405223	0.06011	362.21	362.21	0 ANNUAL	WMRS			5
MINE	425130	5405023	0.05596	362.28	362.28	0 ANNUAL	WMRS			5
MINE	425130	5404823	0.05206	364.87	364.87	0 ANNUAL	WMRS			5
MINE	425130	5404623	0.04863	367	367	0 ANNUAL	WMRS			5
MINE	425130	5404423	0.04555	369	369	0 ANNUAL	WMRS			5
MINE	425130	5404223	0.04285	370	370	0 ANNUAL	WMRS			5
MINE	425130	5404023	0.04062	368.19	368.19	0 ANNUAL	WMRS			5
MINE	424930	5406823	0.12128	370.72	370.72	0 ANNUAL	WMRS			5
MINE	424930	5406623	0.10845	371.3	371.3	0 ANNUAL	WMRS			5
MINE	424930	5406423	0.09734	372.48	372.48	0 ANNUAL	WMRS			5
MINE	424930	5406223	0.08835	372	372	0 ANNUAL	WMRS			5
MINE	424930	5406023	0.08062	371.65	371.65	0 ANNUAL	WMRS			5
MINE	424930	5405823	0.07423	370	370	0 ANNUAL	WMRS			5
MINE	424930	5405623	0.06869	368	368	0 ANNUAL	WMRS			5
MINE	424930	5405423	0.06392	364.87	364.87	0 ANNUAL	WMRS			5
MINE	424930	5405223	0.05979	361	361	0 ANNUAL	WMRS			5
MINE	424930	5405023	0.05565	362	362	0 ANNUAL	WMRS			5
MINE	424930	5404823	0.05197	363	363	0 ANNUAL	WMRS			5
MINE	424930	5404623	0.04867	364.04	364.04	0 ANNUAL	WMRS			5
MINE	424930	5404423	0.04559	367	367	0 ANNUAL	WMRS			5
MINE	424930	5404223	0.04279	370	370	0 ANNUAL	WMRS			5
MINE	424930	5404023	0.04055	368.43	368.43	0 ANNUAL	WMRS			5
MINE	424730	5406823	0.12012	367.06	367.06	0 ANNUAL	WMRS			5
MINE	424730	5406623	0.10732	368	368	0 ANNUAL	WMRS			5
MINE	424730	5406423	0.09659	369	369	0 ANNUAL	WMRS			5
MINE	424730	5406223	0.08752	370	370	0 ANNUAL	WMRS			5
MINE	424730	5406023	0.08001	370	370	0 ANNUAL	WMRS			5
MINE	424730	5405823	0.07334	371	371	0 ANNUAL	WMRS			5
MINE	424730	5405623	0.06805	369	369	0 ANNUAL	WMRS			5
MINE	424730	5405423	0.06376	362.83	362.83	0 ANNUAL	WMRS			5
MINE	424730	5405223	0.05936	361.94	361.94	0 ANNUAL	WMRS			5
MINE	424730	5405023	0.05511	365.18	365.18	0 ANNUAL	WMRS			5
MINE	424730	5404823	0.05163	364.16	364.16	0 ANNUAL	WMRS			5
MINE	424730	5404623	0.04853	362	362	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	424730	5404423	0.04555	363	363	0 ANNUAL	WMRS			5
MINE	424730	5404223	0.04281	365.05	365.05	0 ANNUAL	WMRS			5
MINE	424730	5404023	0.04045	363.31	363.31	0 ANNUAL	WMRS			5
MINE	424530	5406823	0.1184	366	366	0 ANNUAL	WMRS			5
MINE	424530	5406623	0.10553	369	369	0 ANNUAL	WMRS			5
MINE	424530	5406423	0.09523	370	370	0 ANNUAL	WMRS			5
MINE	424530	5406223	0.08658	370.58	370.58	0 ANNUAL	WMRS			5
MINE	424530	5406023	0.0796	369	369	0 ANNUAL	WMRS			5
MINE	424530	5405823	0.07304	370	370	0 ANNUAL	WMRS			5
MINE	424530	5405623	0.06761	369	369	0 ANNUAL	WMRS			5
MINE	424530	5405423	0.06328	362	362	0 ANNUAL	WMRS			5
MINE	424530	5405223	0.05864	363.99	363.99	0 ANNUAL	WMRS			5
MINE	424530	5405023	0.05419	370	370	0 ANNUAL	WMRS			5
MINE	424530	5404823	0.05079	368	368	0 ANNUAL	WMRS			5
MINE	424530	5404623	0.04775	364	364	0 ANNUAL	WMRS			5
MINE	424530	5404423	0.04493	361	361	0 ANNUAL	WMRS			5
MINE	424530	5404223	0.04223	361	361	0 ANNUAL	WMRS			5
MINE	424530	5404023	0.0397	362.65	362.65	0 ANNUAL	WMRS			5
MINE	424330	5406823	0.11684	366	366	0 ANNUAL	WMRS			5
MINE	424330	5406623	0.10428	369	369	0 ANNUAL	WMRS			5
MINE	424330	5406423	0.0931	373.3	373.3	0 ANNUAL	WMRS			5
MINE	424330	5406223	0.08424	375.04	375.04	0 ANNUAL	WMRS			5
MINE	424330	5406023	0.07828	370.43	370.43	0 ANNUAL	WMRS			5
MINE	424330	5405823	0.0724	367	367	0 ANNUAL	WMRS			5
MINE	424330	5405623	0.0669	364.98	364.98	0 ANNUAL	WMRS			5
MINE	424330	5405423	0.06211	362	362	0 ANNUAL	WMRS			5
MINE	424330	5405223	0.05764	361.43	361.43	0 ANNUAL	WMRS			5
MINE	424330	5405023	0.05289	370	370	0 ANNUAL	WMRS			5
MINE	424330	5404823	0.04965	365.68	365.68	0 ANNUAL	WMRS			5
MINE	424330	5404623	0.04652	364	364	0 ANNUAL	WMRS			5
MINE	424330	5404423	0.04384	361	361	0 ANNUAL	WMRS			5
MINE	424330	5404223	0.04119	361	361	0 ANNUAL	WMRS			5
MINE	424330	5404023	0.03851	364.03	364.03	0 ANNUAL	WMRS			5
MINE	424130	5406823	0.11444	366	366	0 ANNUAL	WMRS			5
MINE	424130	5406623	0.10201	368.78	368.78	0 ANNUAL	WMRS			5
MINE	424130	5406423	0.0921	369	369	0 ANNUAL	WMRS			5
MINE	424130	5406223	0.0798	379.95	379.95	0 ANNUAL	WMRS			5
MINE	424130	5406023	0.07533	373.17	373.17	0 ANNUAL	WMRS			5
MINE	424130	5405823	0.06975	370	370	0 ANNUAL	WMRS			5
MINE	424130	5405623	0.06491	365.04	365.04	0 ANNUAL	WMRS			5
MINE	424130	5405423	0.06055	361	361	0 ANNUAL	WMRS			5
MINE	424130	5405223	0.05632	360	360	0 ANNUAL	WMRS			5
MINE	424130	5405023	0.05232	360.37	360.37	0 ANNUAL	WMRS			5
MINE	424130	5404823	0.04889	360	360	0 ANNUAL	WMRS			5
MINE	424130	5404623	0.04556	361	361	0 ANNUAL	WMRS			5
MINE	424130	5404423	0.04292	360	360	0 ANNUAL	WMRS			5
MINE	424130	5404223	0.04019	361	361	0 ANNUAL	WMRS			5
MINE	424130	5404023	0.03788	361	361	0 ANNUAL	WMRS			5
MINE	423930	5406823	0.11048	367	367	0 ANNUAL	WMRS			5
MINE	423930	5406623	0.09969	365	365	0 ANNUAL	WMRS			5
MINE	423930	5406423	0.0892	368	368	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	423930	5406223	0.08072	369	369	0 ANNUAL	WMRS			5
MINE	423930	5406023	0.07402	367.58	367.58	0 ANNUAL	WMRS			5
MINE	423930	5405823	0.06756	369	369	0 ANNUAL	WMRS			5
MINE	423930	5405623	0.06301	364.92	364.92	0 ANNUAL	WMRS			5
MINE	423930	5405423	0.0594	360	360	0 ANNUAL	WMRS			5
MINE	423930	5405223	0.05547	359	359	0 ANNUAL	WMRS			5
MINE	423930	5405023	0.0517	359	359	0 ANNUAL	WMRS			5
MINE	423930	5404823	0.04833	359	359	0 ANNUAL	WMRS			5
MINE	423930	5404623	0.0453	359	359	0 ANNUAL	WMRS			5
MINE	423930	5404423	0.04232	360	360	0 ANNUAL	WMRS			5
MINE	423930	5404223	0.03967	361	361	0 ANNUAL	WMRS			5
MINE	423930	5404023	0.0376	360.25	360.25	0 ANNUAL	WMRS			5
MINE	423730	5406823	0.10778	366.62	366.62	0 ANNUAL	WMRS			5
MINE	423730	5406623	0.09821	363.02	363.02	0 ANNUAL	WMRS			5
MINE	423730	5406423	0.08784	366	366	0 ANNUAL	WMRS			5
MINE	423730	5406223	0.08018	365.16	365.16	0 ANNUAL	WMRS			5
MINE	423730	5406023	0.074	363	363	0 ANNUAL	WMRS			5
MINE	423730	5405823	0.06788	363.58	363.58	0 ANNUAL	WMRS			5
MINE	423730	5405623	0.06214	366	366	0 ANNUAL	WMRS			5
MINE	423730	5405423	0.05849	362.01	362.01	0 ANNUAL	WMRS			5
MINE	423730	5405223	0.05505	359.54	359.54	0 ANNUAL	WMRS			5
MINE	423730	5405023	0.05201	358	358	0 ANNUAL	WMRS			5
MINE	423730	5404823	0.04869	358	358	0 ANNUAL	WMRS			5
MINE	423730	5404623	0.04531	359	359	0 ANNUAL	WMRS			5
MINE	423730	5404423	0.04265	359	359	0 ANNUAL	WMRS			5
MINE	423730	5404223	0.04022	359.01	359.01	0 ANNUAL	WMRS			5
MINE	423730	5404023	0.03803	359	359	0 ANNUAL	WMRS			5
MINE	423530	5406823	0.11019	362	362	0 ANNUAL	WMRS			5
MINE	423530	5406623	0.09963	361	361	0 ANNUAL	WMRS			5
MINE	423530	5406423	0.08963	363	363	0 ANNUAL	WMRS			5
MINE	423530	5406223	0.08203	362	362	0 ANNUAL	WMRS			5
MINE	423530	5406023	0.07577	360	360	0 ANNUAL	WMRS			5
MINE	423530	5405823	0.06975	360	360	0 ANNUAL	WMRS			5
MINE	423530	5405623	0.06378	363	363	0 ANNUAL	WMRS			5
MINE	423530	5405423	0.05939	362	362	0 ANNUAL	WMRS			5
MINE	423530	5405223	0.0557	360	360	0 ANNUAL	WMRS			5
MINE	423530	5405023	0.05241	358.61	358.61	0 ANNUAL	WMRS			5
MINE	423530	5404823	0.04933	358	358	0 ANNUAL	WMRS			5
MINE	423530	5404623	0.04632	358	358	0 ANNUAL	WMRS			5
MINE	423530	5404423	0.0436	358	358	0 ANNUAL	WMRS			5
MINE	423530	5404223	0.04114	358	358	0 ANNUAL	WMRS			5
MINE	423530	5404023	0.03862	359	359	0 ANNUAL	WMRS			5
MINE	423330	5406823	0.11405	360	360	0 ANNUAL	WMRS			5
MINE	423330	5406623	0.10279	360	360	0 ANNUAL	WMRS			5
MINE	423330	5406423	0.09322	360	360	0 ANNUAL	WMRS			5
MINE	423330	5406223	0.085	360	360	0 ANNUAL	WMRS			5
MINE	423330	5406023	0.07815	359	359	0 ANNUAL	WMRS			5
MINE	423330	5405823	0.07152	361	361	0 ANNUAL	WMRS			5
MINE	423330	5405623	0.06596	362	362	0 ANNUAL	WMRS			5
MINE	423330	5405423	0.06147	360	360	0 ANNUAL	WMRS			5
MINE	423330	5405223	0.05741	359	359	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	423330	5405023	0.05387	358	358	0 ANNUAL	WMRS			5
MINE	423330	5404823	0.05067	357	357	0 ANNUAL	WMRS			5
MINE	423330	5404623	0.04757	357	357	0 ANNUAL	WMRS			5
MINE	423330	5404423	0.04457	358	358	0 ANNUAL	WMRS			5
MINE	423330	5404223	0.04203	358	358	0 ANNUAL	WMRS			5
MINE	423330	5404023	0.03951	359	359	0 ANNUAL	WMRS			5
MINE	423130	5406823	0.11705	360	360	0 ANNUAL	WMRS			5
MINE	423130	5406623	0.10562	360	360	0 ANNUAL	WMRS			5
MINE	423130	5406423	0.09586	360.01	360.01	0 ANNUAL	WMRS			5
MINE	423130	5406223	0.08738	361	361	0 ANNUAL	WMRS			5
MINE	423130	5406023	0.08019	360	360	0 ANNUAL	WMRS			5
MINE	423130	5405823	0.07393	359	359	0 ANNUAL	WMRS			5
MINE	423130	5405623	0.06834	359	359	0 ANNUAL	WMRS			5
MINE	423130	5405423	0.06339	359	359	0 ANNUAL	WMRS			5
MINE	423130	5405223	0.05901	358.92	358.92	0 ANNUAL	WMRS			5
MINE	423130	5405023	0.05524	358	358	0 ANNUAL	WMRS			5
MINE	423130	5404823	0.05187	357	357	0 ANNUAL	WMRS			5
MINE	423130	5404623	0.04868	356.6	356.6	0 ANNUAL	WMRS			5
MINE	423130	5404423	0.04582	357	357	0 ANNUAL	WMRS			5
MINE	423130	5404223	0.0432	357	357	0 ANNUAL	WMRS			5
MINE	423130	5404023	0.04068	358	358	0 ANNUAL	WMRS			5
MINE	422930	5406823	0.11785	358.91	358.91	0 ANNUAL	WMRS			5
MINE	422930	5406623	0.10662	359	359	0 ANNUAL	WMRS			5
MINE	422930	5406423	0.097	359	359	0 ANNUAL	WMRS			5
MINE	422930	5406223	0.08866	359.95	359.95	0 ANNUAL	WMRS			5
MINE	422930	5406023	0.08167	357	357	0 ANNUAL	WMRS			5
MINE	422930	5405823	0.07532	356.99	356.99	0 ANNUAL	WMRS			5
MINE	422930	5405623	0.0697	356.48	356.48	0 ANNUAL	WMRS			5
MINE	422930	5405423	0.06476	357	357	0 ANNUAL	WMRS			5
MINE	422930	5405223	0.06027	357.84	357.84	0 ANNUAL	WMRS			5
MINE	422930	5405023	0.05639	357	357	0 ANNUAL	WMRS			5
MINE	422930	5404823	0.05283	357	357	0 ANNUAL	WMRS			5
MINE	422930	5404623	0.04959	356	356	0 ANNUAL	WMRS			5
MINE	422930	5404423	0.04667	356	356	0 ANNUAL	WMRS			5
MINE	422930	5404223	0.04402	356	356	0 ANNUAL	WMRS			5
MINE	422930	5404023	0.04163	357	357	0 ANNUAL	WMRS			5
MINE	422730	5406023	0.08115	359	359	0 ANNUAL	WMRS			5
MINE	422730	5405823	0.07499	360	360	0 ANNUAL	WMRS			5
MINE	422730	5405623	0.06969	358	358	0 ANNUAL	WMRS			5
MINE	422730	5405423	0.06489	356	356	0 ANNUAL	WMRS			5
MINE	422730	5405223	0.06062	357	357	0 ANNUAL	WMRS			5
MINE	422730	5405023	0.05666	358	358	0 ANNUAL	WMRS			5
MINE	422730	5404823	0.05324	357	357	0 ANNUAL	WMRS			5
MINE	422730	5404623	0.05004	356	356	0 ANNUAL	WMRS			5
MINE	422730	5404423	0.04712	355	355	0 ANNUAL	WMRS			5
MINE	422730	5404223	0.0445	355.15	355.15	0 ANNUAL	WMRS			5
MINE	422730	5404023	0.04214	356.86	356.86	0 ANNUAL	WMRS			5
MINE	422530	5406023	0.07952	360	360	0 ANNUAL	WMRS			5
MINE	422530	5405823	0.0737	360	360	0 ANNUAL	WMRS			5
MINE	422530	5405623	0.06863	359	359	0 ANNUAL	WMRS			5
MINE	422530	5405423	0.06418	355.46	355.46	0 ANNUAL	WMRS			5



Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	422530	5405223	0.05999	358	358	0 ANNUAL	WMRS			5
MINE	422530	5405023	0.05618	359	359	0 ANNUAL	WMRS			5
MINE	422530	5404823	0.05299	357	357	0 ANNUAL	WMRS			5
MINE	422530	5404623	0.04986	355	355	0 ANNUAL	WMRS			5
MINE	422530	5404423	0.04707	355	355	0 ANNUAL	WMRS			5
MINE	422530	5404223	0.04454	356	356	0 ANNUAL	WMRS			5
MINE	422530	5404023	0.04222	357	357	0 ANNUAL	WMRS			5
MINE	422330	5406423	0.0916	358	358	0 ANNUAL	WMRS			5
MINE	422330	5406223	0.08402	359	359	0 ANNUAL	WMRS			5
MINE	422330	5406023	0.07768	359	359	0 ANNUAL	WMRS			5
MINE	422330	5405823	0.07208	359	359	0 ANNUAL	WMRS			5
MINE	422330	5405623	0.06733	358	358	0 ANNUAL	WMRS			5
MINE	422330	5405423	0.06301	356	356	0 ANNUAL	WMRS			5
MINE	422330	5405223	0.05899	355.29	355.29	0 ANNUAL	WMRS			5
MINE	422330	5405023	0.05509	360	360	0 ANNUAL	WMRS			5
MINE	422330	5404823	0.05222	357.44	357.44	0 ANNUAL	WMRS			5
MINE	422330	5404623	0.04917	354	354	0 ANNUAL	WMRS			5
MINE	422330	5404423	0.04653	355	355	0 ANNUAL	WMRS			5
MINE	422330	5404223	0.0441	356	356	0 ANNUAL	WMRS			5
MINE	422330	5404023	0.04188	357	357	0 ANNUAL	WMRS			5
MINE	422130	5406423	0.08814	359.61	359.61	0 ANNUAL	WMRS			5
MINE	422130	5406223	0.08133	360	360	0 ANNUAL	WMRS			5
MINE	422130	5406023	0.07541	359.9	359.9	0 ANNUAL	WMRS			5
MINE	422130	5405823	0.07009	360	360	0 ANNUAL	WMRS			5
MINE	422130	5405623	0.06579	358	358	0 ANNUAL	WMRS			5
MINE	422130	5405423	0.06167	356	356	0 ANNUAL	WMRS			5
MINE	422130	5405223	0.05772	354	354	0 ANNUAL	WMRS			5
MINE	422130	5405023	0.0543	355	355	0 ANNUAL	WMRS			5
MINE	422130	5404823	0.05117	355.29	355.29	0 ANNUAL	WMRS			5
MINE	422130	5404623	0.04826	353.68	353.68	0 ANNUAL	WMRS			5
MINE	422130	5404423	0.04569	354	354	0 ANNUAL	WMRS			5
MINE	422130	5404223	0.04335	355	355	0 ANNUAL	WMRS			5
MINE	422130	5404023	0.04121	356	356	0 ANNUAL	WMRS			5
MINE	421930	5405223	0.05652	354	354	0 ANNUAL	WMRS			5
MINE	421930	5405023	0.05312	353	353	0 ANNUAL	WMRS			5
MINE	421930	5404823	0.05009	353.17	353.17	0 ANNUAL	WMRS			5
MINE	421930	5404623	0.04732	353	353	0 ANNUAL	WMRS			5
MINE	421930	5404423	0.0448	353.07	353.07	0 ANNUAL	WMRS			5
MINE	421930	5404223	0.04255	354.71	354.71	0 ANNUAL	WMRS			5
MINE	421930	5404023	0.04047	356	356	0 ANNUAL	WMRS			5
MINE	421730	5404823	0.04907	352	352	0 ANNUAL	WMRS			5
MINE	421730	5404623	0.04641	352	352	0 ANNUAL	WMRS			5
MINE	421730	5404423	0.04403	354	354	0 ANNUAL	WMRS			5
MINE	421730	5404223	0.04183	355.94	355.94	0 ANNUAL	WMRS			5
MINE	421730	5404023	0.03976	356	356	0 ANNUAL	WMRS			5
MINE	421530	5404823	0.04794	351	351	0 ANNUAL	WMRS			5
MINE	421530	5404623	0.04548	352	352	0 ANNUAL	WMRS			5
MINE	421530	5404423	0.0433	356.94	356.94	0 ANNUAL	WMRS			5
MINE	421530	5404223	0.04081	358.73	358.73	0 ANNUAL	WMRS			5
MINE	421530	5404023	0.03897	358	358	0 ANNUAL	WMRS			5
MINE	421330	5404823	0.04672	351	351	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	421330	5404623	0.04446	353.8	353.8	0 ANNUAL	WMRS		5	
MINE	421330	5404423	0.04182	360	360	0 ANNUAL	WMRS		5	
MINE	421330	5404223	0.03983	360	360	0 ANNUAL	WMRS		5	
MINE	421330	5404023	0.03797	360	360	0 ANNUAL	WMRS		5	
MINE	421130	5404823	0.04546	350	350	0 ANNUAL	WMRS		5	
MINE	421130	5404623	0.04328	353	353	0 ANNUAL	WMRS		5	
MINE	421130	5404423	0.04131	357	357	0 ANNUAL	WMRS		5	
MINE	421130	5404223	0.03898	359.03	359.03	0 ANNUAL	WMRS		5	
MINE	421130	5404023	0.03712	360	360	0 ANNUAL	WMRS		5	
MINE	420930	5405223	0.05034	351	351	0 ANNUAL	WMRS		5	
MINE	420930	5405023	0.0472	350	350	0 ANNUAL	WMRS		5	
MINE	420930	5404823	0.04451	350	350	0 ANNUAL	WMRS		5	
MINE	420930	5404623	0.0422	351.04	351.04	0 ANNUAL	WMRS		5	
MINE	420930	5404423	0.04021	353.96	353.96	0 ANNUAL	WMRS		5	
MINE	420930	5404223	0.03839	356	356	0 ANNUAL	WMRS		5	
MINE	420930	5404023	0.03651	358	358	0 ANNUAL	WMRS		5	
MINE	420730	5405223	0.05027	354	354	0 ANNUAL	WMRS		5	
MINE	420730	5405023	0.04694	352	352	0 ANNUAL	WMRS		5	
MINE	420730	5404823	0.04399	350	350	0 ANNUAL	WMRS		5	
MINE	420730	5404623	0.04149	350	350	0 ANNUAL	WMRS		5	
MINE	420730	5404423	0.03939	352.66	352.66	0 ANNUAL	WMRS		5	
MINE	420730	5404223	0.03754	356	356	0 ANNUAL	WMRS		5	
MINE	420730	5404023	0.03523	360	360	0 ANNUAL	WMRS		5	
MINE	420530	5405623	0.05758	356	356	0 ANNUAL	WMRS		5	
MINE	420530	5405423	0.05357	359	359	0 ANNUAL	WMRS		5	
MINE	420530	5405223	0.05033	356.61	356.61	0 ANNUAL	WMRS		5	
MINE	420530	5405023	0.04689	352	352	0 ANNUAL	WMRS		5	
MINE	420530	5404823	0.04386	350	350	0 ANNUAL	WMRS		5	
MINE	420530	5404623	0.04118	349	349	0 ANNUAL	WMRS		5	
MINE	420530	5404423	0.03889	350	350	0 ANNUAL	WMRS		5	
MINE	420530	5404223	0.03697	355	355	0 ANNUAL	WMRS		5	
MINE	420530	5404023	0.03459	360	360	0 ANNUAL	WMRS		5	
MINE	420330	5405623	0.05647	355.24	355.24	0 ANNUAL	WMRS		5	
MINE	420330	5405423	0.05306	359.97	359.97	0 ANNUAL	WMRS		5	
MINE	420330	5405223	0.05	358	358	0 ANNUAL	WMRS		5	
MINE	420330	5405023	0.0469	353.11	353.11	0 ANNUAL	WMRS		5	
MINE	420330	5404823	0.04388	350	350	0 ANNUAL	WMRS		5	
MINE	420330	5404623	0.04117	349	349	0 ANNUAL	WMRS		5	
MINE	420330	5404423	0.03879	350.05	350.05	0 ANNUAL	WMRS		5	
MINE	420330	5404223	0.03674	354.68	354.68	0 ANNUAL	WMRS		5	
MINE	420330	5404023	0.03432	360	360	0 ANNUAL	WMRS		5	
MINE	420130	5406823	0.07325	346	346	0 ANNUAL	WMRS		5	
MINE	420130	5406623	0.0687	347	347	0 ANNUAL	WMRS		5	
MINE	420130	5406423	0.06511	349	349	0 ANNUAL	WMRS		5	
MINE	420130	5406223	0.06211	350	350	0 ANNUAL	WMRS		5	
MINE	420130	5405623	0.05482	357.36	357.36	0 ANNUAL	WMRS		5	
MINE	420130	5405423	0.05211	358	358	0 ANNUAL	WMRS		5	
MINE	420130	5405223	0.04944	355.32	355.32	0 ANNUAL	WMRS		5	
MINE	420130	5405023	0.04658	352	352	0 ANNUAL	WMRS		5	
MINE	420130	5404823	0.04378	349.1	349.1	0 ANNUAL	WMRS		5	
MINE	420130	5404623	0.04121	349	349	0 ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	420130	5404423	0.0388	349	349	0 ANNUAL	WMRS			5
MINE	420130	5404223	0.03667	351.8	351.8	0 ANNUAL	WMRS			5
MINE	420130	5404023	0.03473	355	355	0 ANNUAL	WMRS			5
MINE	422930	5407823	0.2159	364.52	367	0 ANNUAL	WMRS			5
MINE	422930	5408023	0.25627	358	358	0 ANNUAL	WMRS			5
MINE	422930	5408223	0.3052	356.42	356.42	0 ANNUAL	WMRS			5
MINE	422930	5408423	0.36972	354.99	354.99	0 ANNUAL	WMRS			5
MINE	422730	5407023	0.12861	359	359	0 ANNUAL	WMRS			5
MINE	422730	5407223	0.1425	363	363	0 ANNUAL	WMRS			5
MINE	422730	5407423	0.15846	366.78	366.78	0 ANNUAL	WMRS			5
MINE	422730	5407623	0.18252	360.44	360.44	0 ANNUAL	WMRS			5
MINE	422730	5407823	0.21013	358.92	358.92	0 ANNUAL	WMRS			5
MINE	422730	5408023	0.24597	357	357	0 ANNUAL	WMRS			5
MINE	422730	5408223	0.29065	356	356	0 ANNUAL	WMRS			5
MINE	422730	5408423	0.34952	354	354	0 ANNUAL	WMRS			5
MINE	422530	5407023	0.12504	358	358	0 ANNUAL	WMRS			5
MINE	422530	5407223	0.13838	359.17	359.17	0 ANNUAL	WMRS			5
MINE	422530	5407423	0.1528	363.71	363.71	0 ANNUAL	WMRS			5
MINE	422530	5407623	0.17457	360	360	0 ANNUAL	WMRS			5
MINE	422530	5407823	0.20149	358	358	0 ANNUAL	WMRS			5
MINE	422530	5408023	0.23478	357	357	0 ANNUAL	WMRS			5
MINE	422530	5408223	0.27643	355.64	355.64	0 ANNUAL	WMRS			5
MINE	422530	5408423	0.33043	354.8	354.8	0 ANNUAL	WMRS			5
MINE	422330	5407023	0.12097	357.42	357.42	0 ANNUAL	WMRS			5
MINE	422330	5407223	0.13294	359	359	0 ANNUAL	WMRS			5
MINE	422330	5407423	0.14756	361	361	0 ANNUAL	WMRS			5
MINE	422330	5407623	0.1682	359	359	0 ANNUAL	WMRS			5
MINE	422330	5407823	0.19365	358	358	0 ANNUAL	WMRS			5
MINE	422330	5408023	0.22487	356	356	0 ANNUAL	WMRS			5
MINE	422330	5408223	0.26216	354	354	0 ANNUAL	WMRS			5
MINE	422330	5408423	0.30793	352.76	352.76	0 ANNUAL	WMRS			5
MINE	422330	5414423	0.11703	380.97	380.97	0 ANNUAL	WMRS			5
MINE	422330	5414623	0.10909	382	382	0 ANNUAL	WMRS			5
MINE	422330	5414823	0.10202	383	383	0 ANNUAL	WMRS			5
MINE	422330	5415023	0.09392	387	387	0 ANNUAL	WMRS			5
MINE	422130	5407023	0.11666	357	357	0 ANNUAL	WMRS			5
MINE	422130	5407223	0.12822	358.98	358.98	0 ANNUAL	WMRS			5
MINE	422130	5407423	0.14328	360	360	0 ANNUAL	WMRS			5
MINE	422130	5407623	0.16316	359	359	0 ANNUAL	WMRS			5
MINE	422130	5407823	0.18729	358	358	0 ANNUAL	WMRS			5
MINE	422130	5408023	0.21526	356	356	0 ANNUAL	WMRS			5
MINE	422130	5408223	0.24684	354	354	0 ANNUAL	WMRS			5
MINE	422130	5408423	0.28364	352	352	0 ANNUAL	WMRS			5
MINE	422130	5414423	0.10965	388.19	388.19	0 ANNUAL	WMRS			5
MINE	422130	5414623	0.1083	380	380	0 ANNUAL	WMRS			5
MINE	422130	5414823	0.10167	380	380	0 ANNUAL	WMRS			5
MINE	422130	5415023	0.09276	385.88	385.88	0 ANNUAL	WMRS			5
MINE	421930	5407023	0.11327	356.18	356.18	0 ANNUAL	WMRS			5
MINE	421930	5407223	0.12524	358.81	358.81	0 ANNUAL	WMRS			5
MINE	421930	5407423	0.14031	360	360	0 ANNUAL	WMRS			5
MINE	421930	5407623	0.15864	360	360	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	421930	5407823	0.17999	358	358	0 ANNUAL	WMRS			5
MINE	421930	5408023	0.20308	356	356	0 ANNUAL	WMRS			5
MINE	421930	5408223	0.22826	353.02	353.02	0 ANNUAL	WMRS			5
MINE	421930	5408423	0.25898	351	351	0 ANNUAL	WMRS			5
MINE	421930	5414423	0.11063	385.74	385.74	0 ANNUAL	WMRS			5
MINE	421930	5414623	0.1076	379	379	0 ANNUAL	WMRS			5
MINE	421930	5414823	0.10047	380	380	0 ANNUAL	WMRS			5
MINE	421930	5415023	0.09323	382.79	382.79	0 ANNUAL	WMRS			5
MINE	421730	5407023	0.11129	357.06	357.06	0 ANNUAL	WMRS			5
MINE	421730	5407223	0.12283	360	360	0 ANNUAL	WMRS			5
MINE	421730	5407423	0.13719	360	360	0 ANNUAL	WMRS			5
MINE	421730	5407623	0.15266	360	360	0 ANNUAL	WMRS			5
MINE	421730	5407823	0.17014	357.39	357.39	0 ANNUAL	WMRS			5
MINE	421730	5408023	0.18838	354.66	354.66	0 ANNUAL	WMRS			5
MINE	421730	5408223	0.2105	353	353	0 ANNUAL	WMRS			5
MINE	421730	5408423	0.23879	351	351	0 ANNUAL	WMRS			5
MINE	421730	5414423	0.11167	382.01	382.01	0 ANNUAL	WMRS			5
MINE	421730	5414623	0.10634	379.16	379.16	0 ANNUAL	WMRS			5
MINE	421730	5414823	0.10009	378.8	378.8	0 ANNUAL	WMRS			5
MINE	421730	5415023	0.09329	381	381	0 ANNUAL	WMRS			5
MINE	421530	5407023	0.10941	357	357	0 ANNUAL	WMRS			5
MINE	421530	5407223	0.12	359.79	359.79	0 ANNUAL	WMRS			5
MINE	421530	5407423	0.13166	360	360	0 ANNUAL	WMRS			5
MINE	421530	5407623	0.14371	360	360	0 ANNUAL	WMRS			5
MINE	421530	5407823	0.15854	356.51	356.51	0 ANNUAL	WMRS			5
MINE	421530	5408023	0.17446	352.98	352.98	0 ANNUAL	WMRS			5
MINE	421530	5408223	0.19506	350.7	350.7	0 ANNUAL	WMRS			5
MINE	421530	5408423	0.22129	349	349	0 ANNUAL	WMRS			5
MINE	421530	5414423	0.10419	388.41	388.41	0 ANNUAL	WMRS			5
MINE	421530	5414623	0.10372	380	380	0 ANNUAL	WMRS			5
MINE	421530	5414823	0.09899	377.68	377.68	0 ANNUAL	WMRS			5
MINE	421530	5415023	0.09276	380	380	0 ANNUAL	WMRS			5
MINE	421330	5407023	0.1061	354.93	354.93	0 ANNUAL	WMRS			5
MINE	421330	5407223	0.11531	356	356	0 ANNUAL	WMRS			5
MINE	421330	5407423	0.12479	356	356	0 ANNUAL	WMRS			5
MINE	421330	5407623	0.13515	355.08	355.08	0 ANNUAL	WMRS			5
MINE	421330	5407823	0.14744	353	353	0 ANNUAL	WMRS			5
MINE	421330	5408023	0.1628	350	350	0 ANNUAL	WMRS			5
MINE	421330	5408223	0.18251	348.2	348.2	0 ANNUAL	WMRS			5
MINE	421330	5408423	0.20552	347	347	0 ANNUAL	WMRS			5
MINE	421330	5408623	0.22705	345	345	0 ANNUAL	WMRS			5
MINE	421330	5414423	0.10258	382.81	382.81	0 ANNUAL	WMRS			5
MINE	421330	5414623	0.09993	379.05	379.05	0 ANNUAL	WMRS			5
MINE	421330	5414823	0.09614	377	377	0 ANNUAL	WMRS			5
MINE	421330	5415023	0.09075	380	380	0 ANNUAL	WMRS			5
MINE	421130	5407823	0.13827	349	349	0 ANNUAL	WMRS			5
MINE	421130	5408023	0.15393	348.68	348.68	0 ANNUAL	WMRS			5
MINE	421130	5408223	0.17186	347	347	0 ANNUAL	WMRS			5
MINE	421130	5408423	0.18988	345	345	0 ANNUAL	WMRS			5
MINE	421130	5408623	0.20456	344	344	0 ANNUAL	WMRS			5
MINE	421130	5414423	0.0993	377	377	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	421130	5414623	0.09554	376	376	0	ANNUAL	WMRS	5	
MINE	421130	5414823	0.09051	380	380	0	ANNUAL	WMRS	5	
MINE	421130	5415023	0.0874	379	379	0	ANNUAL	WMRS	5	
MINE	420930	5407823	0.13149	347.66	347.66	0	ANNUAL	WMRS	5	
MINE	420930	5408023	0.14593	346.67	346.67	0	ANNUAL	WMRS	5	
MINE	420930	5408223	0.16102	345	345	0	ANNUAL	WMRS	5	
MINE	420930	5408423	0.17445	344	344	0	ANNUAL	WMRS	5	
MINE	420930	5408623	0.18297	343	343	0	ANNUAL	WMRS	5	
MINE	420930	5414423	0.09519	375	375	0	ANNUAL	WMRS	5	
MINE	420930	5414623	0.09028	376.68	376.68	0	ANNUAL	WMRS	5	
MINE	420930	5414823	0.08475	381.83	381.83	0	ANNUAL	WMRS	5	
MINE	420930	5415023	0.08131	383	383	0	ANNUAL	WMRS	5	
MINE	420730	5407823	0.12551	346	346	0	ANNUAL	WMRS	5	
MINE	420730	5408023	0.13822	345	345	0	ANNUAL	WMRS	5	
MINE	420730	5408223	0.1502	344	344	0	ANNUAL	WMRS	5	
MINE	420730	5408423	0.15898	343	343	0	ANNUAL	WMRS	5	
MINE	420730	5408623	0.16354	343	343	0	ANNUAL	WMRS	5	
MINE	420730	5413623	0.10657	378.28	378.28	0	ANNUAL	WMRS	5	
MINE	420730	5413823	0.10258	380	380	0	ANNUAL	WMRS	5	
MINE	420730	5414023	0.09881	380	380	0	ANNUAL	WMRS	5	
MINE	420730	5414223	0.09548	377.28	377.28	0	ANNUAL	WMRS	5	
MINE	420730	5414423	0.09155	375.08	375.08	0	ANNUAL	WMRS	5	
MINE	420730	5414623	0.08567	379.56	379.56	0	ANNUAL	WMRS	5	
MINE	420730	5414823	0.07997	384	384	0	ANNUAL	WMRS	5	
MINE	420730	5415023	0.07669	383.98	383.98	0	ANNUAL	WMRS	5	
MINE	420530	5408023	0.13042	344	344	0	ANNUAL	WMRS	5	
MINE	420530	5408223	0.13896	342.9	342.9	0	ANNUAL	WMRS	5	
MINE	420530	5408423	0.14438	343	343	0	ANNUAL	WMRS	5	
MINE	420530	5408623	0.14702	345.49	345.49	0	ANNUAL	WMRS	5	
MINE	420530	5408823	0.14769	348	348	0	ANNUAL	WMRS	5	
MINE	420530	5409023	0.14812	349	349	0	ANNUAL	WMRS	5	
MINE	420530	5409223	0.14904	350.3	350.3	0	ANNUAL	WMRS	5	
MINE	420530	5409423	0.1487	353.94	353.94	0	ANNUAL	WMRS	5	
MINE	420530	5413623	0.09731	380	380	0	ANNUAL	WMRS	5	
MINE	420530	5413823	0.09516	380.11	380.11	0	ANNUAL	WMRS	5	
MINE	420530	5414023	0.09323	379	379	0	ANNUAL	WMRS	5	
MINE	420530	5414223	0.09001	380	380	0	ANNUAL	WMRS	5	
MINE	420530	5414423	0.08785	375.64	375.64	0	ANNUAL	WMRS	5	
MINE	420530	5414623	0.08279	380.11	380.11	0	ANNUAL	WMRS	5	
MINE	420530	5414823	0.07828	382	382	0	ANNUAL	WMRS	5	
MINE	420530	5415023	0.07516	380.3	380.3	0	ANNUAL	WMRS	5	
MINE	420330	5408823	0.13203	348	348	0	ANNUAL	WMRS	5	
MINE	420330	5409023	0.13264	349	349	0	ANNUAL	WMRS	5	
MINE	420330	5409223	0.13354	351	351	0	ANNUAL	WMRS	5	
MINE	420330	5409423	0.13265	354	354	0	ANNUAL	WMRS	5	
MINE	420330	5413623	0.08959	380	380	0	ANNUAL	WMRS	5	
MINE	420330	5413823	0.08788	380	380	0	ANNUAL	WMRS	5	
MINE	420330	5414023	0.08618	380	380	0	ANNUAL	WMRS	5	
MINE	420330	5414223	0.08453	379.52	379.52	0	ANNUAL	WMRS	5	
MINE	420330	5414423	0.08382	373.32	373.32	0	ANNUAL	WMRS	5	
MINE	420330	5414623	0.08007	378.31	378.31	0	ANNUAL	WMRS	5	

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	420330	5414823	0.07656	380	380	0 ANNUAL	WMRS			5
MINE	420330	5415023	0.07326	379.88	379.88	0 ANNUAL	WMRS			5
MINE	420130	5407023	0.07888	346	346	0 ANNUAL	WMRS			5
MINE	420130	5408823	0.11891	348	348	0 ANNUAL	WMRS			5
MINE	420130	5409023	0.11967	349	349	0 ANNUAL	WMRS			5
MINE	420130	5409223	0.12012	350.06	350.06	0 ANNUAL	WMRS			5
MINE	420130	5409423	0.11898	353	353	0 ANNUAL	WMRS			5
MINE	420130	5413623	0.08277	380	380	0 ANNUAL	WMRS			5
MINE	420130	5413823	0.08132	380	380	0 ANNUAL	WMRS			5
MINE	420130	5414023	0.07984	380	380	0 ANNUAL	WMRS			5
MINE	420130	5414223	0.07871	379	379	0 ANNUAL	WMRS			5
MINE	420130	5414423	0.0784	374.12	374.12	0 ANNUAL	WMRS			5
MINE	420130	5414623	0.07678	373	373	0 ANNUAL	WMRS			5
MINE	420130	5414823	0.07435	374.98	374.98	0 ANNUAL	WMRS			5
MINE	420130	5415023	0.07186	375	375	0 ANNUAL	WMRS			5
MINE	420130	5415523	0.06401	379	379	0 ANNUAL	WMRS			5
MINE	420130	5416023	0.05713	382	382	0 ANNUAL	WMRS			5
MINE	420130	5416523	0.05359	379.22	379.22	0 ANNUAL	WMRS			5
MINE	420130	5417023	0.05031	381.82	381.82	0 ANNUAL	WMRS			5
MINE	420630	5415523	0.0698	380	380	0 ANNUAL	WMRS			5
MINE	420630	5416023	0.0638	385	385	0 ANNUAL	WMRS			5
MINE	420630	5416523	0.05401	401.03	401.03	0 ANNUAL	WMRS			5
MINE	420630	5417023	0.05024	398.57	398.57	0 ANNUAL	WMRS			5
MINE	421130	5415523	0.07497	390	390	0 ANNUAL	WMRS			5
MINE	421130	5416023	0.06501	394.24	394.24	0 ANNUAL	WMRS			5
MINE	421130	5416523	0.05626	398	398	0 ANNUAL	WMRS			5
MINE	421130	5417023	0.05105	396.4	396.4	0 ANNUAL	WMRS			5
MINE	421630	5415523	0.07981	383	383	0 ANNUAL	WMRS			5
MINE	421630	5416023	0.06793	389.02	389.02	0 ANNUAL	WMRS			5
MINE	421630	5416523	0.05611	400	400	0 ANNUAL	WMRS			5
MINE	421630	5417023	0.05211	396.05	396.05	0 ANNUAL	WMRS			5
MINE	422130	5415523	0.08023	387.26	387.26	0 ANNUAL	WMRS			5
MINE	422130	5416023	0.06978	390	390	0 ANNUAL	WMRS			5
MINE	422130	5416523	0.06041	395.11	395.11	0 ANNUAL	WMRS			5
MINE	422130	5417023	0.05316	399.02	399.02	0 ANNUAL	WMRS			5
MINE	422630	5415523	0.07901	396.51	396.51	0 ANNUAL	WMRS			5
MINE	422630	5416023	0.07173	393.38	393.38	0 ANNUAL	WMRS			5
MINE	422630	5416523	0.05502	410	410	0 ANNUAL	WMRS			5
MINE	422630	5417023	0.05166	406.54	406.54	0 ANNUAL	WMRS			5
MINE	423130	5415523	0.08064	397.95	397.95	0 ANNUAL	WMRS			5
MINE	423130	5416023	0.07057	399	399	0 ANNUAL	WMRS			5
MINE	423130	5416523	0.06242	400	400	0 ANNUAL	WMRS			5
MINE	423130	5417023	0.05133	410	410	0 ANNUAL	WMRS			5
MINE	423630	5415523	0.08256	399.47	399.47	0 ANNUAL	WMRS			5
MINE	423630	5416023	0.07669	393.25	393.25	0 ANNUAL	WMRS			5
MINE	423630	5416523	0.06821	393	393	0 ANNUAL	WMRS			5
MINE	423630	5417023	0.06289	387	387	0 ANNUAL	WMRS			5
MINE	424130	5415523	0.07944	401	401	0 ANNUAL	WMRS			5
MINE	424130	5416023	0.07685	390.35	390.35	0 ANNUAL	WMRS			5
MINE	424130	5416523	0.07144	380	380	0 ANNUAL	WMRS			5
MINE	424130	5417023	0.0645	375.19	375.19	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	424630	5415523	0.08001	384.17	384.17	0	ANNUAL	WMRS		5
MINE	424630	5416023	0.07226	382.4	382.4	0	ANNUAL	WMRS		5
MINE	424630	5416523	0.06686	374	374	0	ANNUAL	WMRS		5
MINE	424630	5417023	0.06042	376.51	376.51	0	ANNUAL	WMRS		5
MINE	425130	5415523	0.07956	377	377	0	ANNUAL	WMRS		5
MINE	425130	5416023	0.06826	379.13	379.13	0	ANNUAL	WMRS		5
MINE	425130	5416523	0.06022	378	378	0	ANNUAL	WMRS		5
MINE	425130	5417023	0.05442	375	375	0	ANNUAL	WMRS		5
MINE	425630	5415523	0.0799	377	377	0	ANNUAL	WMRS		5
MINE	425630	5416023	0.07005	377	377	0	ANNUAL	WMRS		5
MINE	425630	5416523	0.06167	376.72	376.72	0	ANNUAL	WMRS		5
MINE	425630	5417023	0.05406	378.99	378.99	0	ANNUAL	WMRS		5
MINE	426130	5415523	0.0783	380	380	0	ANNUAL	WMRS		5
MINE	426130	5416023	0.06861	378	378	0	ANNUAL	WMRS		5
MINE	426130	5416523	0.06035	380	380	0	ANNUAL	WMRS		5
MINE	426130	5417023	0.05428	380	380	0	ANNUAL	WMRS		5
MINE	426630	5415523	0.07238	389	389	0	ANNUAL	WMRS		5
MINE	426630	5416023	0.06786	382	382	0	ANNUAL	WMRS		5
MINE	426630	5416523	0.06031	380	380	0	ANNUAL	WMRS		5
MINE	426630	5417023	0.05357	378	378	0	ANNUAL	WMRS		5
MINE	427130	5415523	0.06494	386	386	0	ANNUAL	WMRS		5
MINE	427130	5416023	0.06178	385.29	385.29	0	ANNUAL	WMRS		5
MINE	427130	5416523	0.05903	380	380	0	ANNUAL	WMRS		5
MINE	427130	5417023	0.05395	380	380	0	ANNUAL	WMRS		5
MINE	427630	5415523	0.05809	380	380	0	ANNUAL	WMRS		5
MINE	427630	5416023	0.05581	380	380	0	ANNUAL	WMRS		5
MINE	427630	5416523	0.05308	381	381	0	ANNUAL	WMRS		5
MINE	427630	5417023	0.05068	380	380	0	ANNUAL	WMRS		5
MINE	428130	5415523	0.05078	380	380	0	ANNUAL	WMRS		5
MINE	428130	5416023	0.04948	377	377	0	ANNUAL	WMRS		5
MINE	428130	5416523	0.04795	376	376	0	ANNUAL	WMRS		5
MINE	428130	5417023	0.04598	377	377	0	ANNUAL	WMRS		5
MINE	428630	5415523	0.04477	376	376	0	ANNUAL	WMRS		5
MINE	428630	5416023	0.04396	375	375	0	ANNUAL	WMRS		5
MINE	428630	5416523	0.04262	375	375	0	ANNUAL	WMRS		5
MINE	428630	5417023	0.04101	379	379	0	ANNUAL	WMRS		5
MINE	429130	5416023	0.03887	373	373	0	ANNUAL	WMRS		5
MINE	429130	5416523	0.03821	373	373	0	ANNUAL	WMRS		5
MINE	429130	5417023	0.0371	374	374	0	ANNUAL	WMRS		5
MINE	429630	5416023	0.03392	377.96	377.96	0	ANNUAL	WMRS		5
MINE	429630	5416523	0.034	372	372	0	ANNUAL	WMRS		5
MINE	429630	5417023	0.03351	372	372	0	ANNUAL	WMRS		5
MINE	430130	5416023	0.02969	388.36	400	0	ANNUAL	WMRS		5
MINE	430130	5416523	0.0299	378	411	0	ANNUAL	WMRS		5
MINE	430130	5417023	0.02992	373.81	373.81	0	ANNUAL	WMRS		5
MINE	430630	5416023	0.02798	375	375	0	ANNUAL	WMRS		5
MINE	430630	5416523	0.02666	385.95	411	0	ANNUAL	WMRS		5
MINE	430630	5417023	0.0255	391.87	391.87	0	ANNUAL	WMRS		5
MINE	431130	5416023	0.02513	378	378	0	ANNUAL	WMRS		5
MINE	431130	5416523	0.02416	392	392	0	ANNUAL	WMRS		5
MINE	431130	5417023	0.02378	387.63	402	0	ANNUAL	WMRS		5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	431630	5415523	0.02452	379.96	379.96	0 ANNUAL	WMRS			5
MINE	431630	5416023	0.02226	389.07	389.07	0 ANNUAL	WMRS			5
MINE	431630	5416523	0.02277	376.44	376.44	0 ANNUAL	WMRS			5
MINE	431630	5417023	0.02188	392.08	392.08	0 ANNUAL	WMRS			5
MINE	432130	5415523	0.02314	381	381	0 ANNUAL	WMRS			5
MINE	432130	5416023	0.02183	380	380	0 ANNUAL	WMRS			5
MINE	432130	5416523	0.01975	393.08	393.08	0 ANNUAL	WMRS			5
MINE	432130	5417023	0.02081	373	400	0 ANNUAL	WMRS			5
MINE	432630	5415523	0.01937	407.92	409	0 ANNUAL	WMRS			5
MINE	432630	5416023	0.02056	389.44	421	0 ANNUAL	WMRS			5
MINE	432630	5416523	0.01969	377	377	0 ANNUAL	WMRS			5
MINE	432630	5417023	0.01871	381.97	381.97	0 ANNUAL	WMRS			5
MINE	433130	5415523	0.01752	408.19	408.19	0 ANNUAL	WMRS			5
MINE	433130	5416023	0.01659	420.05	431	0 ANNUAL	WMRS			5
MINE	433130	5416523	0.01859	388.33	440	0 ANNUAL	WMRS			5
MINE	433130	5417023	0.01796	373	373	0 ANNUAL	WMRS			5
MINE	431630	5415023	0.02574	376	376	0 ANNUAL	WMRS			5
MINE	431630	5414523	0.02561	379	379	0 ANNUAL	WMRS			5
MINE	431630	5414023	0.02603	378.4	378.4	0 ANNUAL	WMRS			5
MINE	431630	5413523	0.02713	378	378	0 ANNUAL	WMRS			5
MINE	431630	5413023	0.02866	375	375	0 ANNUAL	WMRS			5
MINE	431630	5412023	0.03485	382	382	0 ANNUAL	WMRS			5
MINE	431630	5411523	0.03551	382	382	0 ANNUAL	WMRS			5
MINE	431630	5411023	0.03719	380	380	0 ANNUAL	WMRS			5
MINE	431630	5410023	0.0423	383.9	383.9	0 ANNUAL	WMRS			5
MINE	431630	5409523	0.03992	381	381	0 ANNUAL	WMRS			5
MINE	431630	5409023	0.03936	366.01	366.01	0 ANNUAL	WMRS			5
MINE	431630	5408523	0.03884	361	361	0 ANNUAL	WMRS			5
MINE	431630	5408023	0.03852	363	363	0 ANNUAL	WMRS			5
MINE	431630	5407523	0.0379	369	369	0 ANNUAL	WMRS			5
MINE	431630	5407023	0.03569	378.31	378.31	0 ANNUAL	WMRS			5
MINE	431630	5406523	0.03499	377	377	0 ANNUAL	WMRS			5
MINE	431630	5406023	0.03524	372.49	372.49	0 ANNUAL	WMRS			5
MINE	431630	5405523	0.03338	367	367	0 ANNUAL	WMRS			5
MINE	431630	5405023	0.03066	369	369	0 ANNUAL	WMRS			5
MINE	431630	5404523	0.0281	370.02	370.02	0 ANNUAL	WMRS			5
MINE	431630	5404023	0.02603	367	367	0 ANNUAL	WMRS			5
MINE	431630	5403523	0.02406	369.7	382	0 ANNUAL	WMRS			5
MINE	431630	5403023	0.02227	365	365	0 ANNUAL	WMRS			5
MINE	431630	5402523	0.02109	360	360	0 ANNUAL	WMRS			5
MINE	431630	5402023	0.02038	358.21	358.21	0 ANNUAL	WMRS			5
MINE	432130	5415023	0.02332	380	380	0 ANNUAL	WMRS			5
MINE	432130	5414523	0.02328	381	381	0 ANNUAL	WMRS			5
MINE	432130	5414023	0.02421	376.05	376.05	0 ANNUAL	WMRS			5
MINE	432130	5413523	0.02524	376.44	376.44	0 ANNUAL	WMRS			5
MINE	432130	5413023	0.02646	378	378	0 ANNUAL	WMRS			5
MINE	432130	5412523	0.02985	374	374	0 ANNUAL	WMRS			5
MINE	432130	5412023	0.03239	376.57	376.57	0 ANNUAL	WMRS			5
MINE	432130	5411523	0.03276	375.96	375.96	0 ANNUAL	WMRS			5
MINE	432130	5411023	0.03467	373.18	373.18	0 ANNUAL	WMRS			5
MINE	432130	5410523	0.03781	370	370	0 ANNUAL	WMRS			5



Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	432130	5410023	0.03908	370.42	370.42	0 ANNUAL	WMRS			5
MINE	432130	5409523	0.0371	371.86	371.86	0 ANNUAL	WMRS			5
MINE	432130	5409023	0.03559	371	371	0 ANNUAL	WMRS			5
MINE	432130	5408523	0.03529	362	362	0 ANNUAL	WMRS			5
MINE	432130	5408023	0.03463	370	370	0 ANNUAL	WMRS			5
MINE	432130	5407523	0.03465	372	372	0 ANNUAL	WMRS			5
MINE	432130	5407023	0.03321	376	376	0 ANNUAL	WMRS			5
MINE	432130	5406523	0.03202	373	373	0 ANNUAL	WMRS			5
MINE	432130	5406023	0.03222	369.31	369.31	0 ANNUAL	WMRS			5
MINE	432130	5405523	0.03143	369	369	0 ANNUAL	WMRS			5
MINE	432130	5405023	0.02911	375.42	375.42	0 ANNUAL	WMRS			5
MINE	432130	5404523	0.02674	376.61	376.61	0 ANNUAL	WMRS			5
MINE	432130	5404023	0.02473	375	377	0 ANNUAL	WMRS			5
MINE	432130	5403523	0.0232	366.89	366.89	0 ANNUAL	WMRS			5
MINE	432130	5403023	0.02154	368	368	0 ANNUAL	WMRS			5
MINE	432130	5402523	0.02019	359.64	359.64	0 ANNUAL	WMRS			5
MINE	432130	5402023	0.01848	373.53	373.53	0 ANNUAL	WMRS			5
MINE	432630	5415023	0.01954	401.58	401.58	0 ANNUAL	WMRS			5
MINE	432630	5414523	0.0211	388.61	398	0 ANNUAL	WMRS			5
MINE	432630	5414023	0.02249	378.54	378.54	0 ANNUAL	WMRS			5
MINE	432630	5413523	0.0233	379.82	379.82	0 ANNUAL	WMRS			5
MINE	432630	5413023	0.02476	380	380	0 ANNUAL	WMRS			5
MINE	432630	5412523	0.02808	378	378	0 ANNUAL	WMRS			5
MINE	432630	5412023	0.02972	380	380	0 ANNUAL	WMRS			5
MINE	432630	5411523	0.02984	378.87	378.87	0 ANNUAL	WMRS			5
MINE	432630	5411023	0.03167	379	379	0 ANNUAL	WMRS			5
MINE	432630	5410523	0.03458	375	375	0 ANNUAL	WMRS			5
MINE	432630	5410023	0.03576	372	372	0 ANNUAL	WMRS			5
MINE	432630	5409523	0.03384	374.92	374.92	0 ANNUAL	WMRS			5
MINE	432630	5409023	0.03267	368.66	368.66	0 ANNUAL	WMRS			5
MINE	432630	5408523	0.03206	369.05	369.05	0 ANNUAL	WMRS			5
MINE	432630	5408023	0.03158	370	370	0 ANNUAL	WMRS			5
MINE	432630	5407523	0.0318	370	370	0 ANNUAL	WMRS			5
MINE	432630	5407023	0.031	372	372	0 ANNUAL	WMRS			5
MINE	432630	5406523	0.02929	377.4	377.4	0 ANNUAL	WMRS			5
MINE	432630	5406023	0.02905	378	378	0 ANNUAL	WMRS			5
MINE	432630	5405523	0.0293	374.78	374.78	0 ANNUAL	WMRS			5
MINE	432630	5405023	0.0277	379.88	379.88	0 ANNUAL	WMRS			5
MINE	432630	5404523	0.02507	390	390	0 ANNUAL	WMRS			5
MINE	432630	5404023	0.02375	376.66	376.66	0 ANNUAL	WMRS			5
MINE	432630	5403523	0.02229	368.08	368.08	0 ANNUAL	WMRS			5
MINE	432630	5403023	0.02085	365.22	365.22	0 ANNUAL	WMRS			5
MINE	432630	5402523	0.01945	362.08	362.08	0 ANNUAL	WMRS			5
MINE	432630	5402023	0.01794	372	372	0 ANNUAL	WMRS			5
MINE	433130	5415023	0.01786	404.73	404.73	0 ANNUAL	WMRS			5
MINE	433130	5414523	0.02015	381.51	381.51	0 ANNUAL	WMRS			5
MINE	433130	5414023	0.02115	374.67	374.67	0 ANNUAL	WMRS			5
MINE	433130	5413523	0.02186	376.92	376.92	0 ANNUAL	WMRS			5
MINE	433130	5413023	0.02358	380	380	0 ANNUAL	WMRS			5
MINE	433130	5412523	0.02653	376.78	391	0 ANNUAL	WMRS			5
MINE	433130	5412023	0.02732	381.37	381.37	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	433130	5411523	0.02744	380	380	0 ANNUAL	WMRS			5
MINE	433130	5411023	0.02921	381.98	381.98	0 ANNUAL	WMRS			5
MINE	433130	5410523	0.03176	379	379	0 ANNUAL	WMRS			5
MINE	433130	5410023	0.03284	376.36	376.36	0 ANNUAL	WMRS			5
MINE	433130	5409523	0.03124	373.38	373.38	0 ANNUAL	WMRS			5
MINE	433130	5409023	0.0301	367	367	0 ANNUAL	WMRS			5
MINE	433130	5408523	0.02959	366	366	0 ANNUAL	WMRS			5
MINE	433130	5408023	0.02907	368	368	0 ANNUAL	WMRS			5
MINE	433130	5407523	0.02919	370	370	0 ANNUAL	WMRS			5
MINE	433130	5407023	0.02881	374.55	374.55	0 ANNUAL	WMRS			5
MINE	433130	5406523	0.02724	380	380	0 ANNUAL	WMRS			5
MINE	433130	5406023	0.02649	379	379	0 ANNUAL	WMRS			5
MINE	433130	5405523	0.02686	381.05	381.05	0 ANNUAL	WMRS			5
MINE	433130	5405023	0.02602	389	389	0 ANNUAL	WMRS			5
MINE	433130	5404523	0.02428	387.03	387.03	0 ANNUAL	WMRS			5
MINE	433130	5404023	0.02275	380.92	380.92	0 ANNUAL	WMRS			5
MINE	433130	5403523	0.02146	369	369	0 ANNUAL	WMRS			5
MINE	433130	5403023	0.02004	369.97	369.97	0 ANNUAL	WMRS			5
MINE	433130	5402523	0.01881	370	370	0 ANNUAL	WMRS			5
MINE	433130	5402023	0.01745	381	381	0 ANNUAL	WMRS			5
MINE	431130	5403523	0.02495	367	367	0 ANNUAL	WMRS			5
MINE	431130	5403023	0.02345	360.84	360.84	0 ANNUAL	WMRS			5
MINE	431130	5402523	0.0221	365.9	365.9	0 ANNUAL	WMRS			5
MINE	431130	5402023	0.02169	360	360	0 ANNUAL	WMRS			5
MINE	430630	5403523	0.02635	361	361	0 ANNUAL	WMRS			5
MINE	430630	5403023	0.02481	364	364	0 ANNUAL	WMRS			5
MINE	430630	5402523	0.02402	364.18	364.18	0 ANNUAL	WMRS			5
MINE	430630	5402023	0.02332	360	360	0 ANNUAL	WMRS			5
MINE	430130	5403523	0.02781	367	367	0 ANNUAL	WMRS			5
MINE	430130	5403023	0.02683	370	370	0 ANNUAL	WMRS			5
MINE	430130	5402523	0.02603	365.58	365.58	0 ANNUAL	WMRS			5
MINE	430130	5402023	0.0248	360	360	0 ANNUAL	WMRS			5
MINE	429630	5403523	0.03038	370	370	0 ANNUAL	WMRS			5
MINE	429630	5403023	0.02931	368.94	368.94	0 ANNUAL	WMRS			5
MINE	429630	5402523	0.02777	366	366	0 ANNUAL	WMRS			5
MINE	429630	5402023	0.02591	362	362	0 ANNUAL	WMRS			5
MINE	429130	5403523	0.03334	369	369	0 ANNUAL	WMRS			5
MINE	429130	5403023	0.03134	367	367	0 ANNUAL	WMRS			5
MINE	429130	5402523	0.02897	364	364	0 ANNUAL	WMRS			5
MINE	429130	5402023	0.02651	364	364	0 ANNUAL	WMRS			5
MINE	428630	5403523	0.03569	368	368	0 ANNUAL	WMRS			5
MINE	428630	5403023	0.03258	368	368	0 ANNUAL	WMRS			5
MINE	428630	5402523	0.02948	368	368	0 ANNUAL	WMRS			5
MINE	428630	5402023	0.02682	366.82	366.82	0 ANNUAL	WMRS			5
MINE	428130	5403523	0.03697	369	369	0 ANNUAL	WMRS			5
MINE	428130	5403023	0.03305	370.46	370.46	0 ANNUAL	WMRS			5
MINE	428130	5402523	0.02985	371	371	0 ANNUAL	WMRS			5
MINE	428130	5402023	0.02725	370	370	0 ANNUAL	WMRS			5
MINE	427630	5403523	0.03769	368	368	0 ANNUAL	WMRS			5
MINE	427630	5403023	0.03369	371	371	0 ANNUAL	WMRS			5
MINE	427630	5402523	0.03025	375	375	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	427630	5402023	0.02716	375.58	375.58	0 ANNUAL	WMRS		5	
MINE	427130	5403523	0.03837	368	368	0 ANNUAL	WMRS		5	
MINE	427130	5403023	0.03386	372	372	0 ANNUAL	WMRS		5	
MINE	427130	5402523	0.02981	375	375	0 ANNUAL	WMRS		5	
MINE	427130	5402023	0.0263	378	378	0 ANNUAL	WMRS		5	
MINE	426630	5403523	0.038	366	366	0 ANNUAL	WMRS		5	
MINE	426630	5403023	0.03264	377.23	377.23	0 ANNUAL	WMRS		5	
MINE	426630	5402523	0.02869	379	379	0 ANNUAL	WMRS		5	
MINE	426630	5402023	0.02576	376	376	0 ANNUAL	WMRS		5	
MINE	426130	5403523	0.0368	366.78	366.78	0 ANNUAL	WMRS		5	
MINE	426130	5403023	0.03065	389.9	389.9	0 ANNUAL	WMRS		5	
MINE	426130	5402523	0.02813	378.72	378.72	0 ANNUAL	WMRS		5	
MINE	426130	5402023	0.02522	377	377	0 ANNUAL	WMRS		5	
MINE	425630	5403523	0.03587	368.19	368.19	0 ANNUAL	WMRS		5	
MINE	425630	5403023	0.03144	371	371	0 ANNUAL	WMRS		5	
MINE	425630	5402523	0.02757	378	378	0 ANNUAL	WMRS		5	
MINE	425630	5402023	0.0249	376	376	0 ANNUAL	WMRS		5	
MINE	425130	5403523	0.03558	368.04	368.04	0 ANNUAL	WMRS		5	
MINE	425130	5403023	0.03115	375	375	0 ANNUAL	WMRS		5	
MINE	425130	5402523	0.02777	377	377	0 ANNUAL	WMRS		5	
MINE	425130	5402023	0.02459	384.6	384.6	0 ANNUAL	WMRS		5	
MINE	424630	5403523	0.03467	369.33	369.33	0 ANNUAL	WMRS		5	
MINE	424630	5403023	0.02982	379.99	379.99	0 ANNUAL	WMRS		5	
MINE	424630	5402523	0.02631	380	380	0 ANNUAL	WMRS		5	
MINE	424630	5402023	0.02341	379	379	0 ANNUAL	WMRS		5	
MINE	424130	5403523	0.0324	365.91	365.91	0 ANNUAL	WMRS		5	
MINE	424130	5403023	0.02806	371	371	0 ANNUAL	WMRS		5	
MINE	424130	5402523	0.02409	381	381	0 ANNUAL	WMRS		5	
MINE	424130	5402023	0.0219	378.03	378.03	0 ANNUAL	WMRS		5	
MINE	423630	5403523	0.03297	363.92	363.92	0 ANNUAL	WMRS		5	
MINE	423630	5403023	0.0286	375	375	0 ANNUAL	WMRS		5	
MINE	423630	5402523	0.02541	379	379	0 ANNUAL	WMRS		5	
MINE	423630	5402023	0.02308	377	377	0 ANNUAL	WMRS		5	
MINE	423130	5403523	0.03487	369	369	0 ANNUAL	WMRS		5	
MINE	423130	5403023	0.03033	376	376	0 ANNUAL	WMRS		5	
MINE	423130	5402523	0.02672	380	380	0 ANNUAL	WMRS		5	
MINE	423130	5402023	0.02432	375	375	0 ANNUAL	WMRS		5	
MINE	422630	5403523	0.03694	371	371	0 ANNUAL	WMRS		5	
MINE	422630	5403023	0.03249	377	377	0 ANNUAL	WMRS		5	
MINE	422630	5402523	0.02914	373.78	373.78	0 ANNUAL	WMRS		5	
MINE	422630	5402023	0.02617	374	374	0 ANNUAL	WMRS		5	
MINE	422130	5403523	0.03627	361	361	0 ANNUAL	WMRS		5	
MINE	422130	5403023	0.03224	371	371	0 ANNUAL	WMRS		5	
MINE	422130	5402523	0.02912	370	370	0 ANNUAL	WMRS		5	
MINE	422130	5402023	0.0264	371	371	0 ANNUAL	WMRS		5	
MINE	421630	5403523	0.03485	358.11	358.11	0 ANNUAL	WMRS		5	
MINE	421630	5403023	0.03074	366.93	366.93	0 ANNUAL	WMRS		5	
MINE	421630	5402523	0.028	361	361	0 ANNUAL	WMRS		5	
MINE	421630	5402023	0.02534	367.71	367.71	0 ANNUAL	WMRS		5	
MINE	421130	5403523	0.03323	360	360	0 ANNUAL	WMRS		5	
MINE	421130	5403023	0.02996	359	359	0 ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	421130	5402523	0.02706	359	359	0 ANNUAL	WMRS			5
MINE	421130	5402023	0.0244	363.14	363.14	0 ANNUAL	WMRS			5
MINE	420630	5403523	0.03144	359	359	0 ANNUAL	WMRS			5
MINE	420630	5403023	0.02888	357	357	0 ANNUAL	WMRS			5
MINE	420630	5402523	0.02623	357.89	357.89	0 ANNUAL	WMRS			5
MINE	420630	5402023	0.02373	361	361	0 ANNUAL	WMRS			5
MINE	420130	5403523	0.03053	354.46	354.46	0 ANNUAL	WMRS			5
MINE	420130	5403023	0.02737	354	354	0 ANNUAL	WMRS			5
MINE	420130	5402523	0.02484	358	358	0 ANNUAL	WMRS			5
MINE	420130	5402023	0.02263	360	360	0 ANNUAL	WMRS			5
MINE	419630	5403523	0.03048	353	353	0 ANNUAL	WMRS			5
MINE	419630	5403023	0.02693	354	354	0 ANNUAL	WMRS			5
MINE	419630	5402523	0.02411	354.37	354.37	0 ANNUAL	WMRS			5
MINE	419630	5402023	0.02195	356	356	0 ANNUAL	WMRS			5
MINE	419130	5403523	0.0303	360	360	0 ANNUAL	WMRS			5
MINE	419130	5403023	0.02704	358	358	0 ANNUAL	WMRS			5
MINE	419130	5402523	0.02405	358	358	0 ANNUAL	WMRS			5
MINE	419130	5402023	0.02167	357	357	0 ANNUAL	WMRS			5
MINE	418630	5403523	0.02932	348.98	348.98	0 ANNUAL	WMRS			5
MINE	418630	5403023	0.02692	356.06	356.06	0 ANNUAL	WMRS			5
MINE	418630	5402523	0.02368	370.29	380	0 ANNUAL	WMRS			5
MINE	418630	5402023	0.02163	359	359	0 ANNUAL	WMRS			5
MINE	418130	5403523	0.02715	347	347	0 ANNUAL	WMRS			5
MINE	418130	5403023	0.02568	360	360	0 ANNUAL	WMRS			5
MINE	418130	5402523	0.02382	358.42	358.42	0 ANNUAL	WMRS			5
MINE	418130	5402023	0.02179	352	352	0 ANNUAL	WMRS			5
MINE	419630	5404023	0.03477	352	352	0 ANNUAL	WMRS			5
MINE	419630	5404523	0.03944	350	350	0 ANNUAL	WMRS			5
MINE	419630	5405023	0.04391	349	349	0 ANNUAL	WMRS			5
MINE	419630	5405523	0.04819	354	354	0 ANNUAL	WMRS			5
MINE	419630	5406523	0.06155	349	349	0 ANNUAL	WMRS			5
MINE	419630	5407023	0.07356	347	347	0 ANNUAL	WMRS			5
MINE	419630	5408023	0.09364	342	342	0 ANNUAL	WMRS			5
MINE	419630	5408523	0.0937	346.05	346.05	0 ANNUAL	WMRS			5
MINE	419630	5409023	0.09483	348.11	348.11	0 ANNUAL	WMRS			5
MINE	419630	5409523	0.0918	351.75	351.75	0 ANNUAL	WMRS			5
MINE	419630	5410023	0.08427	356.29	356.29	0 ANNUAL	WMRS			5
MINE	419630	5410523	0.07692	359	359	0 ANNUAL	WMRS			5
MINE	419630	5411023	0.07614	357	357	0 ANNUAL	WMRS			5
MINE	419630	5413523	0.07088	378.38	378.38	0 ANNUAL	WMRS			5
MINE	419630	5414023	0.06871	370	370	0 ANNUAL	WMRS			5
MINE	419630	5414523	0.065	376.31	376.31	0 ANNUAL	WMRS			5
MINE	419630	5415023	0.06216	378	378	0 ANNUAL	WMRS			5
MINE	419630	5415523	0.05797	385.5	385.5	0 ANNUAL	WMRS			5
MINE	419630	5416023	0.05256	390.01	390.01	0 ANNUAL	WMRS			5
MINE	419630	5416523	0.04864	384.1	384.1	0 ANNUAL	WMRS			5
MINE	419630	5417023	0.04562	376.55	376.55	0 ANNUAL	WMRS			5
MINE	419130	5404023	0.03401	357.06	357.06	0 ANNUAL	WMRS			5
MINE	419130	5404523	0.03701	353	353	0 ANNUAL	WMRS			5
MINE	419130	5405023	0.03963	347	347	0 ANNUAL	WMRS			5
MINE	419130	5405523	0.04359	352	352	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	419130	5406023	0.0495	349	349	0 ANNUAL	WMRS			5
MINE	419130	5406523	0.05792	348	348	0 ANNUAL	WMRS			5
MINE	419130	5407023	0.0681	346	346	0 ANNUAL	WMRS			5
MINE	419130	5407523	0.07565	343.96	343.96	0 ANNUAL	WMRS			5
MINE	419130	5408023	0.07657	341.37	341.37	0 ANNUAL	WMRS			5
MINE	419130	5408523	0.07612	345.22	345.22	0 ANNUAL	WMRS			5
MINE	419130	5409023	0.07727	347	347	0 ANNUAL	WMRS			5
MINE	419130	5409523	0.07397	349	349	0 ANNUAL	WMRS			5
MINE	419130	5410023	0.0683	350	350	0 ANNUAL	WMRS			5
MINE	419130	5410523	0.06334	351	351	0 ANNUAL	WMRS			5
MINE	419130	5411023	0.06179	355	355	0 ANNUAL	WMRS			5
MINE	419130	5413523	0.06472	371.92	371.92	0 ANNUAL	WMRS			5
MINE	419130	5414023	0.05821	375.47	375.47	0 ANNUAL	WMRS			5
MINE	419130	5414523	0.05504	379	379	0 ANNUAL	WMRS			5
MINE	419130	5415023	0.05293	381	381	0 ANNUAL	WMRS			5
MINE	419130	5415523	0.05113	380	380	0 ANNUAL	WMRS			5
MINE	419130	5416023	0.04895	384.29	384.29	0 ANNUAL	WMRS			5
MINE	419130	5416523	0.0472	378.15	378.15	0 ANNUAL	WMRS			5
MINE	419130	5417023	0.04394	370	370	0 ANNUAL	WMRS			5
MINE	418630	5404023	0.03147	348.76	351	0 ANNUAL	WMRS			5
MINE	418630	5404523	0.03338	345	345	0 ANNUAL	WMRS			5
MINE	418630	5405023	0.0362	343.8	343.8	0 ANNUAL	WMRS			5
MINE	418630	5405523	0.04093	351	351	0 ANNUAL	WMRS			5
MINE	418630	5406023	0.04669	343	343	0 ANNUAL	WMRS			5
MINE	418630	5406523	0.05426	342	342	0 ANNUAL	WMRS			5
MINE	418630	5407023	0.06156	344	344	0 ANNUAL	WMRS			5
MINE	418630	5407523	0.0644	343	343	0 ANNUAL	WMRS			5
MINE	418630	5408023	0.06347	341	341	0 ANNUAL	WMRS			5
MINE	418630	5408523	0.06359	344	344	0 ANNUAL	WMRS			5
MINE	418630	5409023	0.06419	345	345	0 ANNUAL	WMRS			5
MINE	418630	5409523	0.06108	346	346	0 ANNUAL	WMRS			5
MINE	418630	5410023	0.05685	347	347	0 ANNUAL	WMRS			5
MINE	418630	5410523	0.05292	347.81	347.81	0 ANNUAL	WMRS			5
MINE	418630	5411023	0.05126	349	349	0 ANNUAL	WMRS			5
MINE	418630	5413523	0.05689	370	370	0 ANNUAL	WMRS			5
MINE	418630	5414023	0.05342	371.3	371.3	0 ANNUAL	WMRS			5
MINE	418630	5414523	0.04874	372.94	372.94	0 ANNUAL	WMRS			5
MINE	418630	5415023	0.04606	380	380	0 ANNUAL	WMRS			5
MINE	418630	5415523	0.04483	379.86	379.86	0 ANNUAL	WMRS			5
MINE	418630	5416023	0.04397	372.14	372.14	0 ANNUAL	WMRS			5
MINE	418630	5416523	0.04288	368	368	0 ANNUAL	WMRS			5
MINE	418630	5417023	0.04117	366	366	0 ANNUAL	WMRS			5
MINE	418130	5404023	0.0288	353.54	353.54	0 ANNUAL	WMRS			5
MINE	418130	5404523	0.03087	358.24	358.24	0 ANNUAL	WMRS			5
MINE	418130	5405023	0.03457	354	354	0 ANNUAL	WMRS			5
MINE	418130	5405523	0.03896	347.1	347.1	0 ANNUAL	WMRS			5
MINE	418130	5406023	0.04452	343	343	0 ANNUAL	WMRS			5
MINE	418130	5406523	0.05061	343	343	0 ANNUAL	WMRS			5
MINE	418130	5407023	0.05433	342	342	0 ANNUAL	WMRS			5
MINE	418130	5407523	0.05461	341	341	0 ANNUAL	WMRS			5
MINE	418130	5408023	0.05363	341	341	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	418130	5408523	0.05429	343	343	0 ANNUAL	WMRS			5
MINE	418130	5409023	0.05429	344	344	0 ANNUAL	WMRS			5
MINE	418130	5409523	0.05161	345	345	0 ANNUAL	WMRS			5
MINE	418130	5410023	0.04835	346	346	0 ANNUAL	WMRS			5
MINE	418130	5410523	0.04519	347	347	0 ANNUAL	WMRS			5
MINE	418130	5411023	0.04356	348	348	0 ANNUAL	WMRS			5
MINE	418130	5413523	0.04815	366.22	366.22	0 ANNUAL	WMRS			5
MINE	418130	5414023	0.04825	369.28	369.28	0 ANNUAL	WMRS			5
MINE	418130	5414523	0.04467	373.9	373.9	0 ANNUAL	WMRS			5
MINE	418130	5415023	0.04041	380	380	0 ANNUAL	WMRS			5
MINE	418130	5415523	0.03932	380	380	0 ANNUAL	WMRS			5
MINE	418130	5416023	0.03878	375.62	375.62	0 ANNUAL	WMRS			5
MINE	418130	5416523	0.03795	368.04	368.04	0 ANNUAL	WMRS			5
MINE	418130	5417023	0.03711	362	362	0 ANNUAL	WMRS			5
MINE	418130	5417857	0.03475	360	360	0 ANNUAL	WMRS			5
MINE	418130	5418690	0.03161	358.51	358.51	0 ANNUAL	WMRS			5
MINE	418130	5419523	0.02792	366.26	366.26	0 ANNUAL	WMRS			5
MINE	419102	5417857	0.03826	368.86	368.86	0 ANNUAL	WMRS			5
MINE	419102	5418690	0.03517	362.1	362.1	0 ANNUAL	WMRS			5
MINE	419102	5419523	0.03237	364	364	0 ANNUAL	WMRS			5
MINE	420074	5417857	0.04391	389.4	389.4	0 ANNUAL	WMRS			5
MINE	420074	5418690	0.03933	377	377	0 ANNUAL	WMRS			5
MINE	420074	5419523	0.03444	369	369	0 ANNUAL	WMRS			5
MINE	421047	5417857	0.04328	396.65	396.65	0 ANNUAL	WMRS			5
MINE	421047	5418690	0.03932	384.78	384.78	0 ANNUAL	WMRS			5
MINE	421047	5419523	0.03507	373	373	0 ANNUAL	WMRS			5
MINE	422019	5417857	0.04881	383.01	383.01	0 ANNUAL	WMRS			5
MINE	422019	5418690	0.04251	380	380	0 ANNUAL	WMRS			5
MINE	422019	5419523	0.03762	370.69	370.69	0 ANNUAL	WMRS			5
MINE	422991	5417857	0.05132	382.48	382.48	0 ANNUAL	WMRS			5
MINE	422991	5418690	0.04417	379.67	379.67	0 ANNUAL	WMRS			5
MINE	422991	5419523	0.03877	371.96	371.96	0 ANNUAL	WMRS			5
MINE	423963	5417857	0.05477	371	371	0 ANNUAL	WMRS			5
MINE	423963	5418690	0.04677	369	369	0 ANNUAL	WMRS			5
MINE	423963	5419523	0.04046	368	368	0 ANNUAL	WMRS			5
MINE	424936	5417857	0.04872	377.15	377.15	0 ANNUAL	WMRS			5
MINE	424936	5418690	0.04287	379	379	0 ANNUAL	WMRS			5
MINE	424936	5419523	0.03811	377.38	377.38	0 ANNUAL	WMRS			5
MINE	425908	5417857	0.04526	379.54	379.54	0 ANNUAL	WMRS			5
MINE	425908	5418690	0.03834	372	372	0 ANNUAL	WMRS			5
MINE	425908	5419523	0.03274	373	373	0 ANNUAL	WMRS			5
MINE	426880	5417857	0.04457	379	379	0 ANNUAL	WMRS			5
MINE	426880	5418690	0.03839	381	381	0 ANNUAL	WMRS			5
MINE	426880	5419523	0.03414	370.81	370.81	0 ANNUAL	WMRS			5
MINE	427852	5417857	0.04461	378	378	0 ANNUAL	WMRS			5
MINE	427852	5418690	0.03901	374.7	374.7	0 ANNUAL	WMRS			5
MINE	427852	5419523	0.03372	364	364	0 ANNUAL	WMRS			5
MINE	428824	5417857	0.03732	379	379	0 ANNUAL	WMRS			5
MINE	428824	5418690	0.03504	379	379	0 ANNUAL	WMRS			5
MINE	428824	5419523	0.03303	375.16	375.16	0 ANNUAL	WMRS			5
MINE	429797	5417857	0.03115	371	371	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	429797	5418690	0.02986	373	373	0 ANNUAL	WMRS			5
MINE	429797	5419523	0.02857	371	371	0 ANNUAL	WMRS			5
MINE	430769	5417857	0.02595	368	368	0 ANNUAL	WMRS			5
MINE	430769	5418690	0.02521	370	370	0 ANNUAL	WMRS			5
MINE	430769	5419523	0.0243	370	370	0 ANNUAL	WMRS			5
MINE	431741	5417857	0.02011	396.6	401	0 ANNUAL	WMRS			5
MINE	431741	5418690	0.02101	377.21	390	0 ANNUAL	WMRS			5
MINE	431741	5419523	0.02093	366	366	0 ANNUAL	WMRS			5
MINE	432713	5417857	0.01867	373	373	0 ANNUAL	WMRS			5
MINE	432713	5418690	0.0179	376.07	376.07	0 ANNUAL	WMRS			5
MINE	432713	5419523	0.01655	400	400	0 ANNUAL	WMRS			5
MINE	433686	5417857	0.01599	374	374	0 ANNUAL	WMRS			5
MINE	433686	5418690	0.0156	390.86	400	0 ANNUAL	WMRS			5
MINE	433686	5419523	0.01481	392.42	392.42	0 ANNUAL	WMRS			5
MINE	434658	5417857	0.01332	406	423	0 ANNUAL	WMRS			5
MINE	434658	5418690	0.01341	386.63	390	0 ANNUAL	WMRS			5
MINE	434658	5419523	0.01362	388.54	416	0 ANNUAL	WMRS			5
MINE	435630	5417857	0.01364	382	404	0 ANNUAL	WMRS			5
MINE	435630	5418690	0.0121	391.41	391.41	0 ANNUAL	WMRS			5
MINE	435630	5419523	0.01184	383.74	401	0 ANNUAL	WMRS			5
MINE	433963	5417023	0.01543	408.27	408.27	0 ANNUAL	WMRS			5
MINE	433963	5416051	0.01459	418.31	418.31	0 ANNUAL	WMRS			5
MINE	433963	5415079	0.01745	383.67	383.67	0 ANNUAL	WMRS			5
MINE	433963	5414107	0.01881	377	377	0 ANNUAL	WMRS			5
MINE	433963	5413134	0.02088	389.48	391	0 ANNUAL	WMRS			5
MINE	433963	5412162	0.02392	383.25	383.25	0 ANNUAL	WMRS			5
MINE	433963	5411190	0.02501	387	387	0 ANNUAL	WMRS			5
MINE	433963	5410218	0.02866	381	381	0 ANNUAL	WMRS			5
MINE	433963	5409245	0.02661	372	372	0 ANNUAL	WMRS			5
MINE	433963	5408273	0.02507	385.84	385.84	0 ANNUAL	WMRS			5
MINE	433963	5407301	0.02473	390.12	390.12	0 ANNUAL	WMRS			5
MINE	433963	5406329	0.02395	385	385	0 ANNUAL	WMRS			5
MINE	433963	5405357	0.02303	389	389	0 ANNUAL	WMRS			5
MINE	433963	5404384	0.02261	377	377	0 ANNUAL	WMRS			5
MINE	433963	5403412	0.01988	372	372	0 ANNUAL	WMRS			5
MINE	433963	5402440	0.01738	380	380	0 ANNUAL	WMRS			5
MINE	433963	5401468	0.01566	366	366	0 ANNUAL	WMRS			5
MINE	433963	5400495	0.01394	364.03	364.03	0 ANNUAL	WMRS			5
MINE	433963	5399523	0.0135	357	357	0 ANNUAL	WMRS			5
MINE	434797	5417023	0.01536	384.4	433	0 ANNUAL	WMRS			5
MINE	434797	5416051	0.01527	379.08	379.08	0 ANNUAL	WMRS			5
MINE	434797	5415079	0.01611	374.72	374.72	0 ANNUAL	WMRS			5
MINE	434797	5414107	0.01654	387	387	0 ANNUAL	WMRS			5
MINE	434797	5413134	0.01907	400.14	400.14	0 ANNUAL	WMRS			5
MINE	434797	5412162	0.02077	391	391	0 ANNUAL	WMRS			5
MINE	434797	5411190	0.0226	386	386	0 ANNUAL	WMRS			5
MINE	434797	5410218	0.02546	381	381	0 ANNUAL	WMRS			5
MINE	434797	5409245	0.0233	379.42	379.42	0 ANNUAL	WMRS			5
MINE	434797	5408273	0.02235	386.99	386.99	0 ANNUAL	WMRS			5
MINE	434797	5407301	0.0217	390	390	0 ANNUAL	WMRS			5
MINE	434797	5406329	0.02116	401	401	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	434797	5405357	0.01952	399	399	0 ANNUAL	WMRS			5
MINE	434797	5404384	0.02085	378	378	0 ANNUAL	WMRS			5
MINE	434797	5403412	0.01876	373	373	0 ANNUAL	WMRS			5
MINE	434797	5402440	0.01669	369	369	0 ANNUAL	WMRS			5
MINE	434797	5401468	0.01496	370.44	370.44	0 ANNUAL	WMRS			5
MINE	434797	5400495	0.0134	361	361	0 ANNUAL	WMRS			5
MINE	434797	5399523	0.01229	359	359	0 ANNUAL	WMRS			5
MINE	435630	5417023	0.01354	385.87	385.87	0 ANNUAL	WMRS			5
MINE	435630	5416051	0.01374	384.39	386	0 ANNUAL	WMRS			5
MINE	435630	5415079	0.01391	403.66	403.66	0 ANNUAL	WMRS			5
MINE	435630	5414107	0.01462	396	396	0 ANNUAL	WMRS			5
MINE	435630	5413134	0.01855	385	385	0 ANNUAL	WMRS			5
MINE	435630	5412162	0.01866	386.78	386.78	0 ANNUAL	WMRS			5
MINE	435630	5411190	0.02054	385	385	0 ANNUAL	WMRS			5
MINE	435630	5410218	0.02254	390	390	0 ANNUAL	WMRS			5
MINE	435630	5409245	0.02076	382.49	382.49	0 ANNUAL	WMRS			5
MINE	435630	5408273	0.02029	381	381	0 ANNUAL	WMRS			5
MINE	435630	5407301	0.01942	386.5	386.5	0 ANNUAL	WMRS			5
MINE	435630	5406329	0.01975	391.74	391.74	0 ANNUAL	WMRS			5
MINE	435630	5405357	0.01805	389.76	389.76	0 ANNUAL	WMRS			5
MINE	435630	5404384	0.01872	377.77	377.77	0 ANNUAL	WMRS			5
MINE	435630	5403412	0.01773	375.14	375.14	0 ANNUAL	WMRS			5
MINE	435630	5402440	0.01588	368	368	0 ANNUAL	WMRS			5
MINE	435630	5401468	0.01432	364	364	0 ANNUAL	WMRS			5
MINE	435630	5400495	0.01295	360	360	0 ANNUAL	WMRS			5
MINE	435630	5399523	0.01174	358	358	0 ANNUAL	WMRS			5
MINE	433130	5401190	0.01584	364.77	364.77	0 ANNUAL	WMRS			5
MINE	433130	5400357	0.01519	360	360	0 ANNUAL	WMRS			5
MINE	433130	5399523	0.01467	360	360	0 ANNUAL	WMRS			5
MINE	432158	5401190	0.01758	373	373	0 ANNUAL	WMRS			5
MINE	432158	5400357	0.01723	358	358	0 ANNUAL	WMRS			5
MINE	432158	5399523	0.01621	357.13	357.13	0 ANNUAL	WMRS			5
MINE	431186	5401190	0.02035	365.75	365.75	0 ANNUAL	WMRS			5
MINE	431186	5400357	0.0189	355.6	355.6	0 ANNUAL	WMRS			5
MINE	431186	5399523	0.01714	357.06	357.06	0 ANNUAL	WMRS			5
MINE	430213	5401190	0.02229	353	353	0 ANNUAL	WMRS			5
MINE	430213	5400357	0.01963	360	360	0 ANNUAL	WMRS			5
MINE	430213	5399523	0.01764	355	355	0 ANNUAL	WMRS			5
MINE	429241	5401190	0.023	360	360	0 ANNUAL	WMRS			5
MINE	429241	5400357	0.02025	358.56	358.56	0 ANNUAL	WMRS			5
MINE	429241	5399523	0.01781	359	359	0 ANNUAL	WMRS			5
MINE	428269	5401190	0.02336	370	370	0 ANNUAL	WMRS			5
MINE	428269	5400357	0.02001	365	365	0 ANNUAL	WMRS			5
MINE	428269	5399523	0.01726	361	361	0 ANNUAL	WMRS			5
MINE	427297	5401190	0.02224	375.45	375.45	0 ANNUAL	WMRS			5
MINE	427297	5400357	0.0192	363.85	363.85	0 ANNUAL	WMRS			5
MINE	427297	5399523	0.01667	361	361	0 ANNUAL	WMRS			5
MINE	426324	5401190	0.02156	371.9	371.9	0 ANNUAL	WMRS			5
MINE	426324	5400357	0.01857	368	368	0 ANNUAL	WMRS			5
MINE	426324	5399523	0.01624	366.05	366.05	0 ANNUAL	WMRS			5
MINE	425352	5401190	0.02141	376	376	0 ANNUAL	WMRS			5



Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	425352	5400357	0.01852	371	371	0 ANNUAL	WMRS			5
MINE	425352	5399523	0.01606	370	370	0 ANNUAL	WMRS			5
MINE	424380	5401190	0.01883	376.85	376.85	0 ANNUAL	WMRS			5
MINE	424380	5400357	0.01621	375.72	375.72	0 ANNUAL	WMRS			5
MINE	424380	5399523	0.0144	370	370	0 ANNUAL	WMRS			5
MINE	423408	5401190	0.02001	379	379	0 ANNUAL	WMRS			5
MINE	423408	5400357	0.01736	378	378	0 ANNUAL	WMRS			5
MINE	423408	5399523	0.01539	370	370	0 ANNUAL	WMRS			5
MINE	422436	5401190	0.02262	370	370	0 ANNUAL	WMRS			5
MINE	422436	5400357	0.01948	370.69	370.69	0 ANNUAL	WMRS			5
MINE	422436	5399523	0.01697	366	366	0 ANNUAL	WMRS			5
MINE	421463	5401190	0.02161	369.71	369.71	0 ANNUAL	WMRS			5
MINE	421463	5400357	0.01903	367.08	367.08	0 ANNUAL	WMRS			5
MINE	421463	5399523	0.01693	361.8	361.8	0 ANNUAL	WMRS			5
MINE	420491	5401190	0.02033	363.64	363.64	0 ANNUAL	WMRS			5
MINE	420491	5400357	0.01792	360	360	0 ANNUAL	WMRS			5
MINE	420491	5399523	0.01609	357	357	0 ANNUAL	WMRS			5
MINE	419519	5401190	0.01896	358	358	0 ANNUAL	WMRS			5
MINE	419519	5400357	0.0166	364.89	364.89	0 ANNUAL	WMRS			5
MINE	419519	5399523	0.01533	357	357	0 ANNUAL	WMRS			5
MINE	418547	5401190	0.01819	363.19	363.19	0 ANNUAL	WMRS			5
MINE	418547	5400357	0.0156	365	365	0 ANNUAL	WMRS			5
MINE	418547	5399523	0.01418	357	357	0 ANNUAL	WMRS			5
MINE	417574	5401190	0.01857	351	351	0 ANNUAL	WMRS			5
MINE	417574	5400357	0.01609	357.18	357.18	0 ANNUAL	WMRS			5
MINE	417574	5399523	0.01397	354	354	0 ANNUAL	WMRS			5
MINE	416602	5401190	0.01745	348	348	0 ANNUAL	WMRS			5
MINE	416602	5400357	0.01588	358.92	358.92	0 ANNUAL	WMRS			5
MINE	416602	5399523	0.01409	350	350	0 ANNUAL	WMRS			5
MINE	415630	5401190	0.01525	347	347	0 ANNUAL	WMRS			5
MINE	415630	5400357	0.01456	349	349	0 ANNUAL	WMRS			5
MINE	415630	5399523	0.01367	349	349	0 ANNUAL	WMRS			5
MINE	417297	5402023	0.02066	357.46	357.46	0 ANNUAL	WMRS			5
MINE	417297	5402995	0.02237	346	346	0 ANNUAL	WMRS			5
MINE	417297	5403968	0.02571	349	349	0 ANNUAL	WMRS			5
MINE	417297	5404940	0.03171	355	355	0 ANNUAL	WMRS			5
MINE	417297	5405912	0.03971	347	347	0 ANNUAL	WMRS			5
MINE	417297	5406884	0.04343	343	343	0 ANNUAL	WMRS			5
MINE	417297	5407857	0.04205	340	340	0 ANNUAL	WMRS			5
MINE	417297	5408829	0.04301	345	345	0 ANNUAL	WMRS			5
MINE	417297	5409801	0.03923	346	346	0 ANNUAL	WMRS			5
MINE	417297	5410773	0.03501	349	349	0 ANNUAL	WMRS			5
MINE	417297	5411745	0.0335	370	370	0 ANNUAL	WMRS			5
MINE	417297	5412718	0.03637	363.07	363.07	0 ANNUAL	WMRS			5
MINE	417297	5413690	0.03697	366	366	0 ANNUAL	WMRS			5
MINE	417297	5414662	0.03807	374	374	0 ANNUAL	WMRS			5
MINE	417297	5415634	0.03334	370	370	0 ANNUAL	WMRS			5
MINE	417297	5416607	0.03173	360.98	360.98	0 ANNUAL	WMRS			5
MINE	417297	5417579	0.03062	357	357	0 ANNUAL	WMRS			5
MINE	417297	5418551	0.02887	356	356	0 ANNUAL	WMRS			5
MINE	417297	5419523	0.02641	362.05	362.05	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
MINE	416463	5402023	0.01816	346	346	0 ANNUAL	WMRS			5
MINE	416463	5402995	0.02032	346	346	0 ANNUAL	WMRS			5
MINE	416463	5403968	0.02425	348.5	348.5	0 ANNUAL	WMRS			5
MINE	416463	5404940	0.0299	357.45	357.45	0 ANNUAL	WMRS			5
MINE	416463	5405912	0.03486	346	346	0 ANNUAL	WMRS			5
MINE	416463	5406884	0.03508	343.24	343.24	0 ANNUAL	WMRS			5
MINE	416463	5407857	0.03427	340	340	0 ANNUAL	WMRS			5
MINE	416463	5408829	0.03473	346.93	346.93	0 ANNUAL	WMRS			5
MINE	416463	5409801	0.03204	353.2	353.2	0 ANNUAL	WMRS			5
MINE	416463	5410773	0.02882	357	357	0 ANNUAL	WMRS			5
MINE	416463	5411745	0.02791	356	356	0 ANNUAL	WMRS			5
MINE	416463	5412718	0.02773	369	369	0 ANNUAL	WMRS			5
MINE	416463	5413690	0.03015	369.57	369.57	0 ANNUAL	WMRS			5
MINE	416463	5414662	0.02981	383.43	383.43	0 ANNUAL	WMRS			5
MINE	416463	5415634	0.03024	364.53	364.53	0 ANNUAL	WMRS			5
MINE	416463	5416607	0.02706	361	361	0 ANNUAL	WMRS			5
MINE	416463	5417579	0.02578	360	360	0 ANNUAL	WMRS			5
MINE	416463	5418551	0.02471	359.12	359.12	0 ANNUAL	WMRS			5
MINE	416463	5419523	0.02377	353	353	0 ANNUAL	WMRS			5
MINE	415630	5402023	0.01657	343.62	343.62	0 ANNUAL	WMRS			5
MINE	415630	5402995	0.01933	346	346	0 ANNUAL	WMRS			5
MINE	415630	5403968	0.02303	349	349	0 ANNUAL	WMRS			5
MINE	415630	5404940	0.02772	360	360	0 ANNUAL	WMRS			5
MINE	415630	5405912	0.02962	347	347	0 ANNUAL	WMRS			5
MINE	415630	5408829	0.02865	348	348	0 ANNUAL	WMRS			5
MINE	415630	5409801	0.02666	354	354	0 ANNUAL	WMRS			5
MINE	415630	5410773	0.02359	363	363	0 ANNUAL	WMRS			5
MINE	415630	5411745	0.02258	369	369	0 ANNUAL	WMRS			5
MINE	415630	5412718	0.02243	371	371	0 ANNUAL	WMRS			5
MINE	415630	5413690	0.025	380	380	0 ANNUAL	WMRS			5
MINE	415630	5414662	0.02434	374	374	0 ANNUAL	WMRS			5
MINE	415630	5415634	0.02612	367	367	0 ANNUAL	WMRS			5
MINE	415630	5416607	0.0244	360	360	0 ANNUAL	WMRS			5
MINE	415630	5417579	0.0223	360	360	0 ANNUAL	WMRS			5
MINE	415630	5418551	0.0214	360.67	360.67	0 ANNUAL	WMRS			5
MINE	415630	5419523	0.02085	357	357	0 ANNUAL	WMRS			5
	415463	5406675	0.02799	342	342	0 ANNUAL	WMRS			5
	415451	5406279	0.02836	345	345	0 ANNUAL	WMRS			5
	414628	5406278	0.02387	341	341	0 ANNUAL	WMRS			5
	414648	5407097	0.02335	340	340	0 ANNUAL	WMRS			5
	413820	5407101	0.02034	344.14	344.14	0 ANNUAL	WMRS			5
	413844	5407916	0.02106	343	343	0 ANNUAL	WMRS			5
	414669	5407897	0.02427	343	343	0 ANNUAL	WMRS			5
	414668	5407921	0.02428	343	343	0 ANNUAL	WMRS			5
	415890	5407908	0.03045	341	341	0 ANNUAL	WMRS			5
	415869	5407086	0.03011	341	341	0 ANNUAL	WMRS			5
	416287	5407081	0.03329	342	342	0 ANNUAL	WMRS			5
	416272	5406666	0.03374	344	344	0 ANNUAL	WMRS			5
	421918	5404856	0.05051	353.05	353.05	0 ANNUAL	WMRS			5
	421094	5404865	0.04577	350	350	0 ANNUAL	WMRS			5
	421106	5405379	0.05343	350	350	0 ANNUAL	WMRS			5

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
420730	5405382	0.0532	355	355	0	ANNUAL	WMRS		5	
420730	5405796	0.06164	353	353	0	ANNUAL	WMRS		5	
419463	5405818	0.04932	353	353	0	ANNUAL	WMRS		5	
419463	5406226	0.05485	350	350	0	ANNUAL	WMRS		5	
420291	5406220	0.06461	350	350	0	ANNUAL	WMRS		5	
420304	5407038	0.08184	347.43	347.43	0	ANNUAL	WMRS		5	
419611	5407048	0.07406	347	347	0	ANNUAL	WMRS		5	
419649	5408646	0.09452	347	347	0	ANNUAL	WMRS		5	
420388	5408637	0.13634	346.92	346.92	0	ANNUAL	WMRS		5	
420340	5407829	0.11476	344	344	0	ANNUAL	WMRS		5	
421196	5407811	0.14019	350.16	350.16	0	ANNUAL	WMRS		5	
421156	5407025	0.10179	352	352	0	ANNUAL	WMRS		5	
422795	5406994	0.12762	359	359	0	ANNUAL	WMRS		5	
422806	5407802	0.2104	359	359	0	ANNUAL	WMRS		5	
423617	5407779	0.20962	358.09	358.09	0	ANNUAL	WMRS		5	
423599	5406990	0.11855	365.72	365.72	0	ANNUAL	WMRS		5	
422786	5406989	0.12716	359	359	0	ANNUAL	WMRS		5	
422771	5406177	0.08676	358	358	0	ANNUAL	WMRS		5	
422357	5406187	0.08311	359	359	0	ANNUAL	WMRS		5	
422363	5406591	0.09933	357	357	0	ANNUAL	WMRS		5	
421964	5406591	0.09287	356	356	0	ANNUAL	WMRS		5	
420767	5413450	0.11224	375	375	0	ANNUAL	WMRS		5	
420780	5414261	0.09565	377	377	0	ANNUAL	WMRS		5	
421449	5414252	0.11198	379.78	379.78	0	ANNUAL	WMRS		5	
422377	5414238	0.12654	379	379	0	ANNUAL	WMRS		5	
422370	5415036	0.09376	387.39	387.39	0	ANNUAL	WMRS		5	
424000	5415015	0.09499	397.45	397.45	0	ANNUAL	WMRS		5	
423997	5414610	0.10321	400.01	400.01	0	ANNUAL	WMRS		5	
424792	5414601	0.09996	388	388	0	ANNUAL	WMRS		5	
424798	5414204	0.11403	389	389	0	ANNUAL	WMRS		5	
428817	5414150	0.03779	404	404	0	ANNUAL	WMRS		5	
428848	5415656	0.04199	376	421	0	ANNUAL	WMRS		5	
429649	5415650	0.0322	394.89	394.89	0	ANNUAL	WMRS		5	
429650	5415747	0.033	388.58	388.58	0	ANNUAL	WMRS		5	
431259	5415735	0.02491	378.13	378.13	0	ANNUAL	WMRS		5	
431239	5414122	0.02795	376.02	376.02	0	ANNUAL	WMRS		5	
429628	5414138	0.03754	385.78	385.78	0	ANNUAL	WMRS		5	
429614	5413326	0.03827	389.97	389.97	0	ANNUAL	WMRS		5	
428809	5413327	0.04718	390	390	0	ANNUAL	WMRS		5	
428808	5412548	0.04733	393.59	393.59	0	ANNUAL	WMRS		5	
430407	5412512	0.03556	389	389	0	ANNUAL	WMRS		5	
430422	5413312	0.0337	379.63	379.63	0	ANNUAL	WMRS		5	
431230	5413308	0.02959	376	376	0	ANNUAL	WMRS		5	
431224	5412901	0.03068	379	379	0	ANNUAL	WMRS		5	
432035	5412899	0.02757	375.4	375.4	0	ANNUAL	WMRS		5	
432035	5412495	0.03037	374	374	0	ANNUAL	WMRS		5	
431223	5412502	0.03273	381	381	0	ANNUAL	WMRS		5	
431202	5410899	0.04083	382	382	0	ANNUAL	WMRS		5	
432010	5410893	0.03614	373.96	373.96	0	ANNUAL	WMRS		5	
431997	5410087	0.03986	378.53	378.53	0	ANNUAL	WMRS		5	
430381	5410114	0.055	381	381	0	ANNUAL	WMRS		5	

Discrete Receç X	Y	Concentr:	Elevation	Hill Heigh	Flagpole	Averagin	Source	Gr Num	Year	Net ID
430361	5408478	0.0493	377.79	377.79	0	ANNUAL	WMRS			5
431008	5408470	0.04348	368.82	368.82	0	ANNUAL	WMRS			5
431004	5407564	0.04293	359	359	0	ANNUAL	WMRS			5
430203	5407573	0.05021	361	361	0	ANNUAL	WMRS			5
430222	5408485	0.05091	378.03	378.03	0	ANNUAL	WMRS			5
429414	5408504	0.06164	382.51	382.51	0	ANNUAL	WMRS			5
429425	5408830	0.06147	383	383	0	ANNUAL	WMRS			5
429102	5408830	0.06501	389	389	0	ANNUAL	WMRS			5
429093	5408498	0.06601	387	387	0	ANNUAL	WMRS			5
429431	5408490	0.06149	382	382	0	ANNUAL	WMRS			5
429422	5407591	0.06045	359	359	0	ANNUAL	WMRS			5
428564	5407591	0.07544	368.54	368.54	0	ANNUAL	WMRS			5
427718	5407601	0.09434	366.38	366.38	0	ANNUAL	WMRS			5
427720	5407741	0.09749	366.75	366.75	0	ANNUAL	WMRS			5
427700	5407741	0.09806	366	366	0	ANNUAL	WMRS			5
426917	5407750	0.12018	351.89	351.89	0	ANNUAL	WMRS			5
426068	5407740	0.13925	379.31	379.31	0	ANNUAL	WMRS			5
425276	5407752	0.20051	361	361	0	ANNUAL	WMRS			5
425245	5406949	0.13151	370	370	0	ANNUAL	WMRS			5
424422	5406973	0.12827	365	365	0	ANNUAL	WMRS			5
424461	5407786	0.22332	368.75	378	0	ANNUAL	WMRS			5
424499	5408579	0.44879	348	348	0	ANNUAL	WMRS			5
420692	5408632	0.16035	343.53	343.53	0	ANNUAL	WMRS			5
420705	5409438	0.16493	353	353	0	ANNUAL	WMRS			5
419681	5409454	0.09492	351.75	351.75	0	ANNUAL	WMRS			5
419677	5411057	0.07751	357.98	357.98	0	ANNUAL	WMRS			5
418061	5411078	0.04264	349	349	0	ANNUAL	WMRS			5
418099	5413503	0.04757	366	366	0	ANNUAL	WMRS			5
418914	5413492	0.06192	369.53	369.53	0	ANNUAL	WMRS			5
418914	5413081	0.06233	372.14	372.14	0	ANNUAL	WMRS			5
419710	5413071	0.07914	380	380	0	ANNUAL	WMRS			5
419711	5413468	0.07328	378	378	0	ANNUAL	WMRS			5

## **APPENDIX E. SUPPORTING CALCULATIONS**

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**Emission Summary and Dispersion Modelling Report  
New Gold - Rainy River Mine  
Ammonia Emissions**

**INCO Reactor Tank**

**Process Description**

The INCO reactor tank is used to destroy residual amounts of cyanide present in solution following leaching and CIP. Trace ammonia emissions from this source are expected, since the INCO cyanide detoxification is effective at removing cyanide from the process effluent; the ammonia present in the effluent is not involved in the reaction, and remains in solution and prone to entrainment in the air exhaust since the INCO reactor is an aerated vessel (0.76 m<sup>3</sup>/s air). The air flowrate has been estimated based on scaling a previous study for 6000 tpd to 24000 tpd mill.

**Emission Methodology - Engineering Calculation**

Air emissions were estimated based upon an estimated ammonia concentration of 1 ppm in the exhaust.

**Data Quality**

The data quality is considered to be marginal. The concentrations of ammonia in the exhaust are based upon the potential concentrations of this parameter in solution and the corresponding concentrations expected in the exhaust gas.

**Sample Calculation**

$$\text{Concentration (mg/m}^3\text{)} = \text{Concentration (ppm)} \times \text{Molecular Weight (g/mol)} / \text{Molar Volume} \quad \text{eq. 19}$$

$$\text{Concentration (mg/m}^3\text{)} = (1 \text{ ppm}) \times (17.031 \text{ g/mol}) / (24.45 \text{ L})$$

$$\text{Concentration (mg/m}^3\text{)} = 0.697$$

$$\text{Emission Rate (g/s)} = \text{Concentration (mg/m}^3\text{)} \times \text{Flow Rate (m}^3\text{/s)} \times 1 \text{ q/1000mg} \quad \text{eq. 20}$$

$$\text{Emission Rate (g/s)} = (0.697 \text{ mg/m}^3) \times (0.76 \text{ m}^3\text{/s}) \times 1 \text{ q/1000 mg}$$

$$\text{Emission Rate (g/s)} = 0.00053$$

**Emission Estimation**

Process	Source ID	Contaminant	CAS RN	Concentration (ppm)	Molecular Weight	Concentration (mg/m <sup>3</sup> )	Flow Rate (m <sup>3</sup> /s)	Emission Rate (g/s)
INCO	AMM	Ammonia	7664-41-7	1	17.031	0.697	0.76	5.29E-04

**Electrowinning (CN Destruction)**

**Process Description**

The electrowinning cells produce a gold and silver sludge from pregnant solutions (CIP circuit and gravity concentration). Barren solution is stored in tank (exhausted through Source ID EF5) prior to recycling back into the carbon stripping stage.

**Emission Methodology - Engineering Calculation**

Engineering calculation based on process design and reaction chemistry. The emission rates were calculated based on basic reaction chemistry. Physical data was estimated from preliminary plant design and data estimated from other mills.

**Data Quality**

The data quality is considered to be marginal.

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Ammonia Emissions**

**Sample Calculation**

$$\begin{aligned} \text{NaCN weight in solution volume (g)} &= \text{Volume of total solution (L)} \times \text{NaCN concentration in cells (mg/L)} \times (1\text{g}/1000\text{mg}) & \text{eq. 21} \\ \text{NaCN weight in solution volume (g)} &= (625,000 \text{ L}) \times (10 \text{ mg/L}) \times (1 \text{ g} / 1000 \text{ mg}) \\ \text{NaCN weight in solution volume (g)} &= 6,250 \end{aligned}$$

$$\begin{aligned} \text{Mass of CN ion in Solution (g)} &= \text{Molar mass of CN (g/mol)} \times \text{Mass of CN (g)} / \text{Molar Mass of NaCN (g/mol)} & \text{eq. 22} \\ \text{Mass of CN ion in Solution (g)} &= (26 \text{ g/mol CN}) \times (6250 \text{ g}) \times (49 \text{ g/mol NaCN}) \\ \text{Mass of CN ion in Solution (g)} &= 3,316 \end{aligned}$$

$$\begin{aligned} \text{Molar ratio of NH}_3 \text{ produced per g of CN} &= \text{Molar Mass of Ammonia (g/mol)} / \text{Molar Mass of CN (g/mol)} & \text{eq. 23} \\ \text{Molar ratio of NH}_3 \text{ produced per g of CN} &= (17.031 \text{ g/mol}) / (26.02 \text{ g/mol}) \\ \text{Molar ratio of NH}_3 \text{ produced per g of CN} &= 0.65 \end{aligned}$$

$$\begin{aligned} \text{Ammonia Produced (g)} &= \text{Total mass of CN ion (g)} \times \text{Ammonia Produced Per CN ion} & \text{eq. 24} \\ \text{Ammonia Produced (g)} &= (3316.33 \text{ g}) \times (0.6545) \\ \text{Ammonia Produced (g)} &= 2,171 \end{aligned}$$

$$\begin{aligned} \text{Ammonia Emission Rate (g/s)} &= \text{Mass of Ammonia Produced over Retention Time (g)} \times \text{Conversion Factor (hours to seconds)} & \text{eq. 25} \\ \text{Ammonia Emission Rate (g/s)} &= (2170.54 \text{ g}) / (8 \text{ hour}) \times (1 \text{ hour} / 3600 \text{ seconds}) \\ \text{Ammonia Emission Rate (g/s)} &= 0.075 \end{aligned}$$

**Emission Estimation**

**Parameters of Electrowinning Circuit**

Number of Cells	5
Volume per Cell	125,000 L
Total Volume	625,000 L
Retention Time in Tank	8 hours

Process	Source ID	Contaminant	CAS RN	Cyanide (NaCN) Solution Concentration (mg/L)	NaCN Weight in Solution (g)	Weight of CN Ion (g)	Mass of NH3 produced per mass of CN Ion (g)	Ammonia Produced (g)	Emission Rate (g/s)
Electrowinning	EF5	Ammonia	7664-41-7	10	6,250	3,316	0.65	2,171	0.075

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Assay Lab Dust Collectors**

**Dust Collectors**

**Process Description**

The dust collector is used for the collection of airborne dust and particulate, during the operation, contaminated air enters the dust collectors through the dirty air inlet area and passes through the filter cartridges.

**Baghouse Emissions Methodology - Emission Factor**

Per ESDM Procedure Document, an emission factor of 0.01 grains/ft<sup>3</sup> or ~20 milligrams per cubic metre (mg/m<sup>3</sup>) of gas can be assumed at the outlet of a fabric filter dust collector. In cases of sites with multiple baghouse (also known as fabric filter dust collectors) discharging simultaneously, an emission factor of 20 mg/m<sup>3</sup> can be assumed for the most significant dust collector and 10 mg/m<sup>3</sup> for the remaining units.

**Data Quality**

Emission rate estimates that are developed from tests on a moderate to large number of sources where the source category population is sufficiently specific to minimize variability (e.g., US EPA, AP-42, emission factor quality rating of A or B) are anticipated to provide above-average quality of emission rate estimates.

**Sample Calculation**

$$\begin{aligned} \text{Emission Rate - DC1 (g/s)} &= \text{Baghouse Outlet Concentration (mg/m}^3\text{)} \times \text{Stack Flow Rate (m}^3\text{/s)} \times (1 \text{ g} / 1000 \text{ mg)} && \text{eq. 33} \\ \text{Emission Rate - DC1 (g/s)} &= (10 \text{ mg/m}^3\text{)} \times (3.54 \text{ m}^3\text{/s)} \times (1 \text{ g} / 1000 \text{ mg}) \\ \text{Emission Rate - DC1 (g/s)} &= 3.54\text{E-02} \end{aligned}$$

**Emission Estimation**

Source ID	Process	Contaminant	CAS RN	Flowrate (m <sup>3</sup> /s)	PM Concentration (mg/m <sup>3</sup> )	Emission Rate (g/s)
Assay DC1	Assay Lab	Suspended particulate matter	N/A-TSP	3.54E+00	10	3.54E-02
Assay DC2	Assay Lab	Suspended particulate matter	N/A-TSP	4.01E+00	10	4.01E-02

<sup>1</sup> Flow Rate of DC1 is 7,500 CFM

<sup>2</sup> Flow Rate of DC2 is 8,500 CFM



**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Assay Lab**

**Process Description**

The Assay lab utilize chemicals for purpose of research. Only open bottles are stored under the fume hoods, others are stored in the storage cabinet. The storage, handling and use of these liquids are carried out in the lab and are exhausted through an exhaust on the roof.

**Methodology: Engineering Calculation (EC)**

This equation (provided by staff of the ministry, Environmental Monitoring and Reporting Branch), used to approximate evaporation rates from spills, open tanks, drums or pools. Assuming 100% is volatilized for consevatism

**Sample Calculations**

**Evaporation Equation**

$$Q = (8.5 \times 10^{-10}) \times A_p \times P^* \times M \times (u)^{0.78} \text{ (kg/s at 293 K or 20 degrees Celsius)}$$

Where; Q = evaporation rate (vapour release rate), kg/s at 293 K or 20°C

A<sub>p</sub> = pool area, in square metres = 0.0254 m container opening

P\* = partial vapour pressure (this can be estimated from the liquid mole-fraction), Pascal's

M = molecular weight, (summation of individual element molecular weights)

u = wind speed, metres per second = 1 m/s

A typical container where the solvents will be stored has a diameter of 1.5 inch ( 0.152 m).

$$\begin{aligned} A_p \text{ (m}^2\text{)} &= 2 \times \pi \times r^2 \\ &= \pi \times ((1.5/39.37)/2)^2 \\ &= 2.28\text{E-}03 \end{aligned}$$

Daily Operating hours:	8	hr/day
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Source ID	Product	Contaminant	CAS No.	Maximum Weight Percent (%)	Molecular Weight (g/mol)	Mole Fraction	Vapour Pressure (mmHg) <sup>2</sup>	Vapour Pressure (Pa)	Partial Pressure (Pa)	u (Wind speed) m/s	Emission Rate (g/s) (1hrs)	Emission Rate (g/s) (24hrs)
Assay	Acetone <sup>1</sup>	Acetone	67-64-1	100.0%	58.08	1.00	1.75E+02	2.33E+04	2.33E+04	1	2.62E-09	8.74E-10
Assav	Reagent Alcohol	Ethyl Alcohol	64-17-5	90.0%	46.07	0.89	5.93E+01	7.91E+03	7.04E+03	1	6.29E-10	2.10E-10
Assav	Reagent Alcohol	Methanol	67-56-1	5.0%	32.04	0.07	9.20E+01	1.23E+04	8.73E+03	1	5.42E-11	1.81E-11
Assav	Reagent Alcohol	Isopropyl alcohol	67-63-0	5.0%	60.10	0.04	4.54E+01	6.05E+03	2.30E+02	1	2.67E-11	8.91E-12
Assav	Bismuth Pentahydrate	Bismuth nitrate pentahydrate	10035-06-0	95.0%	485.07	0.44	7.50E+00	1.00E+03	4.36E+02	1	4.10E-10	1.37E-10
Assav	Bismuth Pentahydrate	Nitric acid, bismuth(3+) salt	10361-44-1	100.0%	395.00	0.56	7.50E+00	1.00E+03	5.64E+02	1	4.31E-10	1.44E-10
Assav	Bone Ash Cupels	Calcium Phosphate	1306-06-5	100.0%	502.30	0.53	7.50E+00	1.00E+03	5.31E+02	1	5.17E-10	1.72E-10
Assav	Bone Ash Cupels	Calcium Aluminate	12042-68-1	20.0%	158.04	0.28	7.50E+00	1.00E+03	2.82E+02	1	8.63E-11	2.88E-11
Assav	Bone Ash Cupels	Alumina Oxide	1344-28-1	5.0%	101.96	0.11	1.00E+00	1.33E+02	1.46E+01	1	2.88E-12	9.59E-13
Assav	Borax	Borax Anhydrous	1330-43-4	100.0%	201.20	1.00	1.00E+00	1.33E+02	1.33E+02	1	5.20E-11	1.73E-11
Assav	Buffer Solution pH 4	Not Hazardous	-	-	-	-	-	-	-	1	-	-
Assav	Buffer Solution pH 7	Not Hazardous	-	-	-	-	-	-	-	1	-	-
Assav	Buffer Solution pH 10	Potassium Hydroxide	1310-58-3	1.0%	56.11	0.55	1.00E+00	1.33E+02	7.34E+01	1	7.98E-12	2.66E-12
Assav	Buffer Solution pH 10	Disodium EDTA dihydrate	6381-92-6	1.0%	372.24	0.08	7.57E-17	1.01E-14	8.38E-16	1	6.04E-28	2.01E-28
Assav	Buffer Solution pH 10	Potassium Carbonate	584-08-7	1.0%	132.81	0.23	2.44E-17	3.25E-15	7.57E-16	1	1.95E-28	6.49E-29
Assav	Buffer Solution pH 10	Potassim Borate	1332-77-0	1.0%	233.40	0.13	7.50E+00	1.00E+03	1.32E+02	1	5.99E-11	2.00E-11
Assav	Buffer Solution pH 10	Bromphenol Blue, Sodium Salt	62625-28-9	0.01%	691.94	0.00	7.50E+00	1.00E+03	4.47E-01	1	5.99E-13	2.00E-13
Assav	Buffer Solution pH 10	Bromcresol Gree, Sodium Salt	62625-32-5	0.01%	720.02	0.00	7.50E+00	1.00E+03	4.29E-01	1	5.99E-13	2.00E-13
Assav	Calcium Std Solution	Nitric Acid	7697-37-2	2.0%	63.01	1.00	6.31E+01	8.41E+03	8.41E+03	1	1.03E-09	3.42E-10
Assav	Calcium Std Solution	Calcium nitrate	10124-37-5	0.001%	164.09	0.00	4.75E-13	6.33E-11	1.22E-14	1	3.86E-27	1.29E-27
Assav	Copper Std Solution	Nitric Acid	7697-37-2	2.0%	63.01	0.66	6.31E+01	8.41E+03	5.59E+03	1	6.83E-10	2.28E-10
Assav	Copper Std Solution	Cupric Nitrate	3251-23-8	3.0%	187.56	0.34	4.75E-13	6.33E-11	2.12E-11	1	7.71E-24	2.57E-24
Assav	Calibration Standard Solution	Nitric Acid	7697-37-2	7.0%	63.01	1.00	6.31E+01	8.41E+03	8.41E+03	1	1.03E-09	3.42E-10
Assav	DiethyleneTriaminePentaaceticAcid (DTP)	Glycine, N,N-bis[2-[bis(carboxymethyl)amino]ethyl]-	67-43-6	100.0%	393.50	1.00	1.61E-14	2.15E-12	2.15E-12	1	1.64E-24	5.45E-25
Assav	D-Lead Surface Cleaner	Ethylene Glycol Butyl Ether	111-76-2	5.0%	118.18	0.73	4.75E-01	6.33E+01	4.61E+01	1	1.05E-11	3.52E-12
Assav	D-Lead Surface Cleaner	Potassium Hydroxide	1310-58-3	0.2%	56.11	0.06	4.59E-21	6.12E-19	3.75E-20	1	4.08E-33	1.36E-33
Assav	D-Lead Surface Cleaner	Sodium Silicate	1344-09-8	1.5%	122.06	0.21	7.50E+00	1.00E+03	2.11E+02	1	5.00E-11	1.67E-11
Assav	Fiberfrax Fibersil Cloth	Refractories, Fibers, Aluminosilicate	142844-00-6	80.0%	426.05	0.73	7.50E+00	1.00E+03	7.25E+02	1	5.98E-10	1.99E-10
Assav	Fiberfrax Fibersil Cloth	Continuous filament fiberglass	65997-17-3	10.0%	158.04	0.24	7.50E+00	1.00E+03	2.44E+02	1	7.48E-11	2.49E-11
Assav	Fiberfrax Fibersil Cloth	Polypropylene homopolymer	9003-07-0	4.0%	506.99	0.03	6.98E-07	9.31E-05	2.84E-06	1	2.78E-18	9.28E-19
Assav	Flux	Lead Oxide	1317-36-8	80.0%	223.20	0.42	9.72E-13	1.30E-10	5.40E-11	1	2.33E-23	7.78E-24
Assav	Flux	Sodium Carbonate	497-19-8	25.0%	105.99	0.27	9.92E-17	1.32E-14	3.63E-15	1	7.45E-28	2.48E-28
Assav	Flux	Sodium Borate	1330-43-4	20.0%	201.20	0.12	1.00E+00	1.33E+02	1.54E+01	1	6.01E-12	2.00E-12
Assav	Flux	Silica	7631-86-9	10.0%	60.08	0.19	7.14E-06	9.52E-04	1.84E-04	1	2.14E-17	7.15E-18

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Assay Lab**

Assay	Gold Std Solution	Gold <sup>4</sup>	7440-57-5	0.1%	197.97	0.01	6.66E-03	8.88E-01	4.97E-03	1	1.91E-15	6.36E-16
Assay	Gold Std Solution	Hydrochloric Acid	7647-01-0	3.5%	35.50	0.99	4.16E-08	5.55E-06	5.52E-06	1	3.79E-19	1.26E-19
Assay	Glass Wool Filtering Fiber	Glass, oxide, chemicals	65997-17-3	100.0%	158.04	1.00	7.50E+00	1.00E+03	1.00E+03	1	3.06E-10	1.02E-10
Assay	Hydrochloric Acid	Hydrochloric acid	7647-01-0	38.0%	35.45	1.00	4.16E-08	5.55E-06	5.55E-06	1	3.81E-19	1.27E-19
Assay	Hypophosphorous Acid	Hypophosphorous Acid	6303-21-5	55.0%	63.98	1.00	1.78E-10	2.37E-08	2.37E-08	1	2.94E-21	9.80E-22
Assay	Iron Chip Accelerator	Iron	7439-89-6	100.0%	55.85	1.00	4.24E-09	5.65E-07	5.65E-07	1	6.12E-20	2.04E-20
Assay	Lead (II) Acetate	Lead (II) acetate, trihydrate	6080-56-4	95.0%	325.29	0.49	1.14E-43	1.52E-41	7.40E-42	1	4.67E-54	1.56E-54
Assay	Lead (II) Acetate	Lead acetate	301-04-2	100.0%	325.29	0.51	1.14E-43	1.52E-41	7.79E-42	1	4.91E-54	1.64E-54
Assay	Lecosorb	Sodium hydroxide	1310-73-2	95.0%	40.00	0.98	4.90E-21	6.53E-19	6.41E-19	1	4.97E-32	1.66E-32
Assay	Lecosorb	Vermiculite	1318-00-0	10.0%	223.28	0.02	7.50E+00	1.00E+03	1.85E+01	1	8.00E-12	2.67E-12
Assay	Lead Ribbon (Metal)	Non Hazardous	-	-	-	-	-	-	-	1	-	-
Assay	Magnesium Perchlorate	Magnesium Perchlorate	10034-81-8	100.0%	223.20	1.00	7.50E+00	1.00E+03	1.00E+03	1	4.32E-10	1.44E-10
Assay	Magnesium Std Solution	Magnesium	7439-95-4	1.1%	24.30	0.32	1.00E+00	1.33E+02	4.30E+01	1	2.02E-12	6.74E-13
Assay	Magnesium Std Solution	Nitric acid	7697-37-2	6.0%	63.01	0.68	6.31E+01	8.41E+03	5.70E+03	1	6.96E-10	2.32E-10
Assay	Nitric Acid	Nitric acid	7697-37-2	70.0%	63.01	1.00	6.31E+01	8.41E+03	8.41E+03	1	1.03E-09	3.42E-10
Assay	Picric Acid	2,4,6-Trinitrophenol	88-89-1	70.0%	229.10	1.00	7.50E-07	1.00E-04	1.00E-04	1	4.44E-17	1.48E-17
Assay	Platinum Silica	Platinum Silica	7440-06-4	1.1%	195.08	1.00	5.53E-31	7.37E-29	7.37E-29	1	2.79E-41	9.29E-42
Assay	Phenolphthalein	Phenolphthalein	77-09-8	100.0%	318.33	1.00	8.37E-11	1.12E-08	1.12E-08	1	6.88E-21	2.29E-21
Assay	Potassium Dichromate <sup>1</sup>	Potassium Dichromate	7778-50-9	100.0%	294.18	1.00	5.03E-21	6.71E-19	6.71E-19	1	3.82E-31	1.27E-31
Assay	Potassium Iodide <sup>1</sup>	Potassium Iodide	7681-11-0	100.0%	166.00	1.00	9.90E-18	1.32E-15	1.32E-15	1	4.24E-28	1.41E-28
Assay	Potassium Nitrate	Potassium Nitrate	7757-79-1	95.0%	101.10	1.00	1.05E-17	1.40E-15	1.40E-15	1	2.74E-28	9.14E-29
Assay	Potassium Std Solution	Nitric acid	7697-37-2	2.0%	63.01	0.93	63.01	8.40E+03	7.77E+03	1	9.49E-10	3.16E-10
Assay	Potassium Std Solution	Potassium nitrate	7757-79-1	0.3%	101.10	0.07	1.05E-17	1.40E-15	1.05E-16	1	2.05E-29	6.85E-30
Assay	Rhodanine	Rhodanine	141-84-4	99.0%	133.18	1.00	3.37E-08	4.49E-06	4.49E-06	1	1.16E-18	3.86E-19
Assay	Silver Nitrate AgNO <sub>3</sub>	Silver Nitrate	7761-88-8	4.8%	169.87	1.00	4.75E-13	6.33E-11	6.33E-11	1	2.08E-23	6.95E-24
Assay	Silver Std Solution	Nitric acid solution	7697-37-2	5.0%	62.00	1.00	8.08E-10	1.08E-07	1.08E-07	1	1.29E-20	4.31E-21
Assay	Silica Sand	Crystalline Silica	14808-60-7	99.9%	60.08	1.00	5.36E-08	7.15E-06	7.15E-06	1	8.32E-19	2.77E-19
Assay	Sodium Carbonate	Sodium Carbonate	497-19-8	100.0%	105.99	1.00	9.92E-17	1.32E-14	1.32E-14	1	2.72E-27	9.05E-28
Assay	Sodium Cyanide	Sodium cyanide	143-33-9	98.0%	49.01	1.00	1.88E-12	2.51E-10	2.51E-10	1	2.38E-23	7.93E-24
Assay	Sodium Hydroxide <sup>1</sup>	Sodium Hydroxide	1310-73-2	100.0%	40.00	1.00	4.90E-21	6.53E-19	6.53E-19	1	5.06E-32	1.69E-32
Assay	Sulfuric Acid	Sulfuric Acid	7664-93-9	98.0%	98.07	1.00	1.43E-04	1.91E-02	1.91E-02	1	3.62E-15	1.21E-15
Assay	Wad A Reagent <sup>1</sup>	Trade Secret	Trade Secret	100.0%	27.03	1.00	7.42E+02	9.89E+04	9.89E+04	1	5.18E-09	1.73E-09
Assay	Wad B Reagent <sup>1</sup>	Trade Secret	Trade Secret	100.0%	27.03	1.00	7.42E+02	9.89E+04	9.89E+04	1	5.18E-09	1.73E-09
Assay	Fly Ash <sup>3</sup>											
Assay	Bone Ash NaCO <sub>3</sub> <sup>3</sup>											
Assay	Sodium Borate <sup>3</sup>	Suspended particulate matter	N/A-TSP	100.0%	-	-	-	-	-	-	3.46E-10	1.15E-10
Assay	Leco Cell II											
Assay	Copper Oxide Rare Earth Base											

<sup>1</sup> Since weight % was not provided in the SDS, a conservative assumption of 100% was made

<sup>2</sup> Where vapour pressure not available, 7.5mmHg is assumed.

<sup>3</sup> Since Fly ash, Bone ash, Sodium Borate, Leco Cell, and Copper Oxide Rare Earth Base are solids, it was assumed that Suspended Particulate Matter gets emitted. Emissions are based on the assumptions that 100% of the average of the calculated emissions are released to the atmosphere.

<sup>4</sup> Used Clausius-Clapeyron Equation to estimate the vapor pressure of gold at 20C

**Calculation of Vapour Pressure:**

Known vapour pressure (Gold) = 7.5E-03 mm Hg (P1) at 1373C (1646.15K) (T1)

Use Clausius-Clapeyron Equation to estimate vapour pressure at 25C (273 K) (T2)

$\ln(P2/P1) = -DH_{vap}/R * (1/T2 - 1/T1)$  (Enthalpy of vaporisation of gold is 324 kJ/mol)

$\ln(P2/7.5E-03) = -324 \text{ kJ}/8.31 \text{ kJ/mol K} * (1/273-1/1646.15)$

$\ln(P2/7.5E-03) = -0.119$

$P2/7.5E-03 = 0.89$

$P2 = 0.007 \text{ mm Hg}$

**Sample Calculations: Eq-32**

$$\text{Sodium Lauryl Sulfoacetate 1hr (g/s)} = \left( \frac{((8.5 \times 10^{-10}) \cdot A_p(m^2) \cdot P(Pa)) \cdot M(g/mol) \cdot u(m/s)}{1000} \right) \\ = \left( \frac{((8.5 \times 10^{-10}) \cdot 3.65e-02(m^2) \cdot 1.98e-06(Pa)) \cdot 330.42(g/mol) \cdot 1(m/s)}{1000} \right) \\ = 2.62E-09 \text{ g/s}$$

**Data Quality - Above Average**

The emission estimate was based on the ideal gas law approach. Hence, the data quality is considered "Average".

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Caustic Loading**

**Process Description**

Bulk sodium hydroxide is delivered to the site in tanker trucks where the sodium hydroxide is unloaded into the storage tank. Unloading of sodium hydroxide into the storage tanks is expected to generate emissions. Loaded carbon is washed with a dilute HCl acid solution to remove inorganics prior to the caustic wash. Caustic is added to spent HCl acid in the acid wash tank which is equipped with an exhaust (Source ID EF4). The site has a caustic storage tank which receives solution by tanker truck (Source ID EF8). Carbon stripping involves washing loaded carbon with a higher strength, pressurized hot caustic cyanide solution, to produce a high strength pregnant (gold bearing) solution. The process is at ambient temperature and is located approximately 2.7 km from the property line. Fugitive emissions are expected from the process of loading hydrochloric acid tanks due to air displacement of potentially acid containing vapours.

**Emission Methodology - Emission Factor & Engineering Estimation**

Emission factor obtained from Table 1 FACTORS FOR TOXIC AIR CONTAMINANTS OF CONCERN TO THE METAL FINISHING INDUSTRY, developed by the Metal Finishing Association of Southern California and the South Coast Air Quality Management District.

**Tank Dimensions**

Diameter (m) 18  
 Height (m) 21

The HCl calculations were based on Equation 4 from Australia's Emission Estimation Technique Manual for Alumina Refining. This calculation is given a data quality of average. Emissions were based on a fill rate of 28 t over a period of 1.5 hr.

$$\text{Emission Rate, } E = 0.042 \times MW \times V \times (\text{Vol\%/}100) \quad \text{eq. 28}$$

Where:

- E = Mass of acid emitted during filling (kg)
- MW = Molecular weight of acid (g/mol)
- V = Volume of vapour space or volume of acid added (m<sup>3</sup>)
- Vol% = Partial vapour pressure (kPa) divided by ambient pressure of 101.3 kPa

**Data Quality**

Emission rate estimates that are developed from tests on a reasonable number of facilities where the source category population is sufficiently specific to minimize variability (e.g., US EPA, AP-42, emission factor quality rating of C) are anticipated to provide average quality emission rate estimates.

**Sample Calculation**

$$\begin{aligned} \text{Tank Surface Area (m}^2\text{)} &= 2\pi r^2 + 2\pi rh = 2\pi \times (18/2 \text{ m})^2 + 2\pi \times (18/2) \text{ m} \times 21 \text{ m} \\ \text{Tank Surface Area (m}^2\text{)} &= 1,696 \end{aligned} \quad \text{eq. 29}$$

$$\begin{aligned} \text{NaOH emission rate (g/s)} &= \text{emission factor (lb/hr-m}^2\text{)} \times \text{tank surface area (m}^2\text{)} \times 454 \text{ g/lb} \times 1 \text{ hr/3,600 sec} \\ \text{NaOH emission rate (g/s)} &= 5.02 \times 10^{-8} \text{ lb/hr-m}^2 \times 1,696 \text{ m}^2 \times 454 \text{ g/lb} \times 1 \text{ hr/3,600 sec} \\ \text{NaOH emission rate (g/s)} &= 1.07\text{E-}05 \end{aligned} \quad \text{eq. 30}$$

$$\begin{aligned} \text{HCl Emission Rate (g/s)} &= 0.042 \times 36.46 \text{ g/mol} \times 0.002235 \text{ m}^3/\text{s} \times 3.13 \text{ kPa} \div 101.3 \text{ kPa} \div 100 \times 1000 \text{ g/kg} \times 1.5 \text{ hr} \div 24 \text{ hr} \\ \text{HCl Emission Rate (g/s)} &= 6.61\text{E-}05 \end{aligned} \quad \text{eq. 31}$$

**Emission Estimation**

Source ID	Source Description	Contaminant	CAS RN	Emission Factor (lb/hr-ft <sup>2</sup> )	Tank Area (m <sup>2</sup> )	Molecular Weight	Acid Addition Rate (m <sup>3</sup> /s)	Partial Vapour Pressure (kPa)	Emission Rate (g/s)
EF4	HCl Storage Tanks	Hydrochloric Acid	7647-01-0	N/A	N/A	36.46	2.24E-03	3.13	6.61E-05
EF8	Caustic Storage Tanks	Sodium Hydroxide	1310-73-2	5.40E-07	1,696	--	--	--	1.07E-05

**Emission Summary and Dispersion Modelling Report  
New Gold - Rainy River Mine  
Combustion Emissions from Engines, Generators Sets and Fire Pump**

**Process Description**

During periods of power outages, two (2), Tier 4, 2.5 Megawatt (MW) diesel-powered generators provides emergency power. All limited to 500 hr/yr and 12

**Emission Methodology - Emission Factor**

Certified engine emissions standards for Tier II and III engines.

**Emission Estimation**

Activity/Location	Source ID	Power Rating (kW)	Contaminant	CAS RN	Emission Factor	Units	1-Hour Emission Rate (g/s)	24-Hour Emission Rate (g/s)
Emergency Generator	EGEN1	2,500	Nitrogen oxides	10102-44-0	0.40	g/kW-hr	2.78E-01	7.93E-03
Emergency Generator	EGEN2	2,500	Nitrogen oxides	10102-44-0	0.40	g/kW-hr	2.78E-01	7.93E-03
Fire Pump	FP1	N/A	Nitrogen oxides	10102-44-0	3.17	lb/hr	3.99E-01	9.99E-02
Fire Pump	FP2	N/A	Nitrogen oxides	10102-44-0	3.17	lb/hr	3.99E-01	9.99E-02
Mobile Crusher	MOBI_CRUSH	328	Nitrogen oxides	10102-44-0	4.80	g/kW-hr	4.37E-01	4.37E-01
Watering Pumps (19 @ 75 kW ea.)	WPs	1,875	Nitrogen oxides	10102-44-0	5.10	g/kW-hr	1.33E+00	6.64E-01
Mill Portable Compressor (825 cfm)	COMPRESSOR	192	Nitrogen oxides	10102-44-0	3.17	g/kW-hr	1.69E-01	7.04E-03

Note: All water pump assumed to have power rating of 75kW each

**Sample Calculations**

$$\begin{aligned}
 \text{E\_OUTCRUSH NOx ER:} \quad & \text{1-hr Emission Rate (g/s)} = \text{Emission Limit} \times \text{Power Output} && \text{eq. 1} \\
 & = 0.40 \text{ g/kW-hr} \times 2500 \text{ kW} \div 3600 \text{ s/hr} \\
 & = 2.78\text{E-}01
 \end{aligned}$$

$$\begin{aligned}
 \text{Generators NOx ER:} \quad & \text{24-hr Emission Rate (g/s)} = \text{1 hour emission rate} \times 12\text{hr}/24\text{hr} && \text{eq. 2} \\
 & = 7.93\text{E-}03
 \end{aligned}$$

**Data Quality**

Combustion emissions from the crushers and screeners are based on emission factors where the emission rate estimates are developed from tests on a

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Drilling and Blasting**

**Process Description**

Ore is extracted from the open pit and underground mine by drilling and blasting. Drilling occurs at 111 holes per 12 hr shift. Blasting uses a maximum emulsion of 95 tonnes and a maximum blast area of based on 111 holes, 5 m x 5 m with 171 mm diameter holes within the Open pit which is limited to hours between 11:00 AM and 5:00 PM (6 hours/day). During the winter (i.e., Dec, Jan and Feb) blasting occurs between 4:00 PM and 5:00 PM (1 hour/day) and is restricted to 75,000 kg/blast.

Emulsion is a commonly utilized bulk explosive product that can be used for lateral development and can also be pumped both up and down into stoping blastholes. Emulsion is water resistant, produces low levels of ammonium nitrate in leachate, can be handled in bulk deliveries to reduce costs, has reliable and consistent performance and, depending on the product, can be left in the ground for up to four weeks before firing. Bulk emulsion is proposed as the primary explosive product to be used for both lateral development and stoping (uphole and downhole) at Rainy River.

**Emission Methodology - Emission Factor**

Drilling USEPA AP-42, Table 11.9-4

Blasting USEPA AP-42, Table 13.3-1

<b>BLASTING</b>	373	m <sup>2</sup> blast area
	95,000	kg emulsion/blast
	1	blast/day
<b>DRILLING</b>	111	holes/shift
	2	shifts/day
	1	hrs/shift

**Manufacturer Emission Rates**

	<b>Nitrogen oxides (kg/Mg)</b>	<b>Carbon monoxide (kg/Mg)</b>
<b>Emulsion Powder</b>	6.4	34

**Emission Estimation**

<b>Source ID</b>	<b>Process</b>	<b>Contaminant</b>	<b>CAS RN</b>	<b>Emission Factor</b>	<b>Units</b>	<b>% Control Efficiency</b>	<b>1-Hour Emission Rate (g/s)</b>	<b>24-Hour Emission Rate (g/s)</b>	<b>Annual Emission Rate (g/s)</b>
DRILL	Drilling	Suspended particulate matter	N/A-TSP	0.59	kg/hole	50%	0.758	0.063	-
BLAST	Blasting	Suspended particulate matter	N/A-TSP	2	kg/blast	50%	0.009	0.001	-
BLAST	Blasting	Nitrogen oxides	10102-44-0	6.4	kg/Mg emulsion	50%	3.519	0.293	-
BLAST	Blasting	Sulphur dioxide	7446-09-5	1	g/kg emulsion	50%	0.550	0.046	0.0458
BLAST	Blasting	Carbon monoxide	630-08-0	34	kg/Mg emulsion	50%	18.692	1.558	-

*Notes*

NOx and CO emission rates provided by manufacturer.

SO<sub>2</sub> emission factor is based on US EPA AP-42 Table 13.3-1 for Explosives Detonation

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Drilling and Blasting**

**Sample Calculations**

Drilling TSP:

$$\begin{aligned} \text{Emission Rate (g/s)} &= \text{EF (kg/hole)} \times \# \text{ holes/shift} \times \# \text{ shifts} \times \text{shifts}/12 \text{ hr} \times 24 \text{ hr}/3600 \text{ sec} && \text{eq. 3} \\ \text{Emission Rate (g/s)} &= 0.063 \end{aligned}$$

Blasting TSP:

$$\text{Emission Factor (kg/blast)} = 0.00022 \times \text{blast area (m}^2\text{)}^{1.5} = 0.00022 \times (19589 \text{ m}^2\text{)}^{1.5} = 603 \text{ kg/blast-hr} \quad \text{eq. 4.1}$$

$$\text{Emission Rate (g/s)} = \text{EF (kg/blast-hr)} \times 1 \text{ blast/day} \times 1,000 \text{ g/kg} \times 24 \text{ hr}/3600 \text{ sec} \quad \text{eq. 4.2}$$

$$\text{Emission Rate (g/s)} = 0.01$$

$$24\text{-hr Emission Rate (g/s)} = \text{EF (kg/blast-hr)} \times 1 \text{ blast/day} \times 1,000 \text{ g/kg} \times 24 \text{ hr}/3600 \text{ sec} \times 6 \text{ hr}/24 \text{ hr} \quad \text{eq. 5}$$

$$24\text{-hr Emission Rate (g/s)} = 0.00$$

Blasting NOx:

$$\text{Emission Factor (kg/blast)} = \text{kg of emulsion/blast} \times \# \text{ blast}/24 \text{ hr} \times \text{EF (g of NOx/kg of emulsion)} \times 1 \text{ hr}/3,600 \text{ sec} \quad \text{eq. 6}$$

$$\text{Emission Rate (g/s)} = 244,373 \text{ emulsion/blast} \times 1 \text{ blast}/24 \text{ hr} \times 3.08 \text{ g of NOx/kg of emulsion} \times 1 \text{ hr}/3,600 \text{ sec}$$

$$24\text{-hr Emission Rate (g/s)} = \text{kg of emulsion/blast} \times \# \text{ blast}/24 \text{ hr} \times \text{EF (g of NOx/kg of emulsion)} \times 1 \text{ hr}/3,600 \text{ sec} \times 6 \text{ hr}/24 \text{ hr} \quad \text{eq. 7}$$

$$24\text{-hr Emission Rate (g/s)} = 0.29$$

**Data Quality**

Emission Factors: Emission rate estimates that are developed from tests on a reasonable number of facilities where the source category population is sufficiently specific to minimize variability (e.g., US EPA, AP-42, emission factor quality rating of C) are anticipated to provide average quality emission rate estimates.

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Hydrogen Cyanide Emissions**

**Process Description**

Cyanide is used in the leach stage of gold ore processing, and is typically added at a rate of 0.5kg NaCN per tonne of ore. Gravity concentrate is leached in an intense cyanidation reactor, to produce a pregnant solution laden with gold (in solution). The cyanide bonds with gold to form an Au (CN)<sub>2</sub><sup>-</sup> complex allowing the gold to be extracted through adsorption onto activated carbon granules or cementation with zinc powder. Lime is used to buffer the slurry pH to optimise cyanide in solution levels and minimise the formation of HCN gas. The pH in the reactor is maintained at a pH > 11.0 to minimize hydrogen cyanide (HCN) emissions. The site has 8 leach tanks where oxygen and sodium cyanide are added to the slurry in an alkaline environment (pH > 11.0) to prevent cyanide at lower pH from volatilizing to the atmosphere within the mill building. Potential emissions of hydrogen cyanide from the mixing tank are exhausted and emissions from the leach tanks are fugitive. Following leaching, the solution is pumped to 7 Clean In Place (CIP) tanks. Gold dissolved in the cyanide solution is adsorbed onto activated carbon in the CIP circuit for a total retention time of approximately 115 minutes. Potential emissions of hydrogen cyanide from the CIP tanks are fugitive.

**Emission Methodology - Engineering Estimation**

HCN emissions from process tanks were calculated using the equation from Australia's NPI Emission Estimation Technique Manual for Gold Ore Processing, Version 2.0.

**Emission Estimation**

Parameter	Leach	CIP	CN Tank	Source of Data
pH	>10.5	>10.5	8 - 8.5	Process Design
[NaCN]	100	75	5	Estimated
HCN <sub>(aq)</sub>	1.6	1.2	0	Calculated
A	2,141	325	214	Process Design
T	24	24	24	Process Design

Source ID	Contaminant	CAS	Emission Rate (g/s)
LEACH1	Hydrogen cyanide	74-90-8	0.027
LEACH2	Hydrogen cyanide	74-90-8	0.027
LEACH3	Hydrogen cyanide	74-90-8	0.027
LEACH4	Hydrogen cyanide	74-90-8	0.027
LEACH5	Hydrogen cyanide	74-90-8	0.027
LEACH6	Hydrogen cyanide	74-90-8	0.027
LEACH7	Hydrogen cyanide	74-90-8	0.027
LEACH8	Hydrogen cyanide	74-90-8	0.027
CIP	Hydrogen cyanide	74-90-8	0.004
HCND1	Hydrogen cyanide	74-90-8	0.003
HCND2	Hydrogen cyanide	74-90-8	0.003

Note:

Volatilisation of HCN accounts for 90% of the natural degradation of cyanide from tailings and is pH dependent as a result of the HCN/CN<sup>-</sup> flux. At a pH>11 the percentage of natural degradation due to volatilisation is expected to be 0% but as a conservative estimate 10% is estimated.

**Sample Calculation**

HCN emissions from tanks (g/s) =  $([0.013 \times \text{HCN}_{(aq)}] + 0.46) \times A \times T \times 0.96 \times 1/10^3) \times 1,000 \text{ g/kg} \times 1\text{d}/24 \text{ hr} \times 1 \text{ hr}/3,600 \text{ sec}$   
 where,

$$[\text{HCN}_{(aq)}] = [\text{NaCN}] \times 10^{(9.2 - \text{pH})} \quad \text{eq. 11}$$

[NaCN] = Concentration (as mg/l) of NaCN in the leach/adsorption tank

pH = pH in the leach/adsorption tank

A = Surface area (m<sup>2</sup>) of the leach/adsorption tank

T = Period of emissions (hours)

**Data Quality**

Emission rate estimates derived from fundamental scientific and engineering principles; and/or relevant empirical data can be considered average data quality estimates.

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Aggregate Material Handling & Processing**

**Process Description**

Activities at the quarries include excavation, crushing (one crushing and screening plant may be located at any of the operating pits at any given time), and material handling. Particulate emissions are calculated from fine aggregate which has been crushed and screened or sand and gravel operations where the raw material already contains fines. Ore and mine rock are mined below the water table and as such are wet as mined.

**Emission Methodology - Emission Factor**

U.S. EPA AP 42 - Ch. 11.19.2 Crushed Stone Processing and Ch. 11.24 (based on high moisture > 4%)

Aggregate handling is limited to 10 hours per day.

Controlled sources (with wet suppression) are those that are part of the processing plant that employs current wet suppression technology similar to the study group.

**Emission Estimation**

Process	Source ID	Contaminant	CAS RN	Material Handling/Processing Rate (Mg/hr)	Controlled Emission Factor (kg/Mg)	24-Hour Emission Rate (g/s)
Drop to Primary Crusher	E_OUTCRUSH	Suspended particulate matter	N/A-TSP	541	7.00E-05	1.05E-02
Primary Crushing	E_OUTCRUSH	Suspended particulate matter	N/A-TSP	541	6.00E-04	9.02E-02
Conveyor Drop to Secondary Crusher	E_OUTCRUSH	Suspended particulate matter	N/A-TSP	541	7.00E-05	1.05E-02
Secondary Crushing	E_OUTCRUSH	Suspended particulate matter	N/A-TSP	541	6.00E-04	9.02E-02
Conveyor Drop to Screener	E_OUTCRUSH	Suspended particulate matter	N/A-TSP	541	7.00E-05	1.05E-02
Drop to Mobile Crusher	E_OUTCRUSH	Suspended particulate matter	N/A-TSP	1449	7.00E-05	2.82E-02
Mobile Crushing	MOBI_CRUSH	Suspended particulate matter	N/A-TSP	1449	6.00E-04	2.42E-01
Conveyor Drop to Stockpile	MOBI_CRUSH	Suspended particulate matter	N/A-TSP	1449	7.00E-05	2.82E-02
Screening	E_OUTSCREEN	Suspended particulate matter	N/A-TSP	541	1.10E-03	1.65E-01
Conveyor Drop from Screener to Stockpile	E_OUTSCREEN	Suspended particulate matter	N/A-TSP	541	7.00E-05	1.05E-02
Conveyor Drop from Screener to Stockpile	E_OUTSCREEN	Calcium chloride	10043-52-4	8	7.00E-05	1.56E-04
Haul Truck Loading	E_OUTSCREEN	Suspended particulate matter	N/A-TSP	541	5.00E-05	7.51E-03

Notes:

1 Crushing capacity rate

2 Emission rate for each equipment in each pit, calculated based on 10-hour operating per day.

**Sample Calculation**

Primary crusher

$$\text{Particulate Matter (g/s)} = \text{emission factor for conveyor transfer point (kg/Mg)} \times \text{handling rate (Mg/hr)} \times 1,000 \text{ g/kg} \times 1 \text{ hr}/3,600 \text{ sec} \quad \text{eq. 10}$$

$$\text{Particulate Matter (g/s)} = 7\text{e-}5 \text{ kg/Mg} \times 541 \text{ Mg/hr} \times 1,000 \text{ g/kg} \times 1 \text{ hr}/3,600 \text{ sec}$$

$$\text{Particulate Matter (g/s)} = 0.01$$

**Data Quality**

Emission rate estimates that are developed from tests on only a small number of facilities where there is evidence of variability within the source category population (e.g., US EPA, AP-42, emission factor quality rating of D or E) and/or the emission factor rating is uncertain are considered to have uncertain data quality.



**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Ore Material Handling & Crushing**

**Crushing and Material Loading/Unloading Processes Controlled by Baghouse Dust Collector**

**Process Description**

Higher grade ore from the pit and underground mine is trucked directly to the processing plant for crushing. The primary crusher building houses the gyratory crusher, surge pocket, apron feeder, and the tail end of the stockpile feed conveyor. The primary crusher has a design capacity of 1,500 tonnes per hour (tph) and is equipped with a dust collection system to control emissions from screening and crushing. Ore from the open pit is delivered by truck and dumped directly into one of two dump pockets which feed into the primary crusher. The ore unloading transfer point is a source of fugitive emissions. Crushed material is conveyed to the crushed ore stockpile as another transfer point and source of fugitive emissions. Oversized material is reduced in size by a rock breaker. Emissions from the conveyor drop under the stockpile are controlled by a dust collector.

**Emission Methodology - Emission Factor**

From Table C-2: Summary of some useful equations and general guidance of the ESDM Procedure Document : An emission factor of 0.01 grains/ft<sup>3</sup> or ~20 milligrams per cubic metre (mg/m<sup>3</sup>) of gas can be assumed at the outlet of a fabric filter dust collector. In cases of sites with multiple baghouse (also known as fabric filter dust collectors) discharging simultaneously, an emission factor of 20 mg/m<sup>3</sup> can be assumed for the most significant dust collector and 10 mg/m<sup>3</sup> for the remaining units.

**Emission Estimation**

Source ID	Process	Contaminant	CAS RN	Flowrate (m <sup>3</sup> /s)	Emission Factor (mg/m <sup>3</sup> )	Emission Rate (g/s)
CRUSH_DC	Gyratory Crusher Dust Collector	Suspended particulate matter	N/A-TSP	8.26	20	1.65E-01
APRON1_DC	Apron Feeder No.1 Dust Collector	Suspended particulate matter	N/A-TSP	1.44	10	1.44E-02
APRON2_DC	Apron Feeder No.2 Dust Collector	Suspended particulate matter	N/A-TSP	1.44	10	1.44E-02
APRON3_DC	Apron Feeder No.3 Dust Collector	Suspended particulate matter	N/A-TSP	1.44	10	1.44E-02
UNDERPILE_DC	Feed Stockpile (Under Pile) Dust Collector	Suspended particulate matter	N/A-TSP	5.20	10	5.20E-02

**Data Quality**

Emission rate estimates that are developed from tests on a moderate to large number of sources where the source category population is sufficiently specific to minimize variability (e.g., US EPA, AP-42, emission factor quality rating of A or B) are anticipated to provide above-average quality of emission rate estimates.

**Sample Calculation**

Crusher Dust Collector

$$\begin{aligned} \text{Particulate Emissions (g/s)} &= \text{emission factor (mg/m}^3\text{)} \times \text{exhaust flowrate (m}^3\text{/s)} \times 1 \text{ g/1,000 mg eq. 8} \\ \text{Particulate Emissions (g/s)} &= 20 \text{ mg/m}^3 \times 8.26 \text{ m}^3\text{/s} \times 1 \text{ g/1,000 mg} \\ \text{Particulate Emissions (g/s)} &= 0.1652 \end{aligned}$$

**Fugitive Material Loading & Unloading Processes**

**Process Description**

Emissions from initial ore loading and unloading are fugitive from the open pit to the haul trucks and unloading from the haul trucks to the dump pocket in the primary crusher building and unloading to the various sized ore stockpiles. Crushed material from the primary crusher building is discharged via a conveyor which directs material to the crushed ore stockpile.

**Emission Methodology - Emission Factor**

US EPA AP-42 Ch. 11.24, Table 11.24-1 Material handling and transfer--all minerals except bauxite. Based on weight of material transferred; applies to each loading or unloading operation and to each conveyor belt transfer point.

**Emission Estimation** Assumes 80% controls for water spraying

Source ID	Process	Contaminant	CAS RN	Material Handling Rate (Mg/hr)	Uncontrolled Emission Factor (kg/Mg)	24-Hour Emission Rate (g/s)
<b>OPEN PIT MINE</b>						
LOAD PIT	Haul Truck Loading	Suspended particulate matter	N/A-TSP	1,449	5.00E-03	0.40
<b>PRIMARY CRUSHING BUILDING</b>						
UNLOAD CRUSH	Haul Truck Unloading to Dump Pocket	Suspended particulate matter	N/A-TSP	0	5.00E-03	0.00
RECLAIM	Conveyor Drop Point for Crushed Ore to Stockpile	Suspended particulate matter	N/A-TSP	0	5.00E-03	0.00
<b>OTHER STOCKPILES</b>						
UNLOAD PAG	Haul Truck Unloading at PAG Stockpile	Suspended particulate matter	N/A-TSP	3,825	5.00E-03	1.06
UNLOAD NPAG	Haul Truck Unloading at NPAG Stockpile	Suspended particulate matter	N/A-TSP	6,075	5.00E-03	1.69
UNLOAD OB	Haul Truck Unloading at OB Stockpile	Suspended particulate matter	N/A-TSP	6,075	5.00E-03	1.69
UNLOAD LGORE	Haul Truck Unloading at LGORE	Suspended particulate matter	N/A-TSP	1,350	5.00E-03	0.38

Note:

PAG = potential acid generating  
 NPAG = non-potential acid generating  
 OB = Overburden  
 LGORE = Low-grade Ore

**Data Quality**

Emission rate estimates that are developed from tests on a reasonable number of facilities where the source category population is sufficiently specific to minimize variability (e.g., US EPA, AP-42, emission factor quality rating of C) are anticipated to provide average quality emission rate estimates.

**Sample Calculation**

Haul Truck Loading

$$\begin{aligned} \text{Particulate Emissions (g/s)} &= \text{emission factor (kg/Mg)} \times \text{amount of material handled (tonnes/hr)} \times 1,000 \text{ g/kg} \times 1 \text{ hr/3,600 sec} \times \text{Control eff \%} \\ \text{Particulate Emissions (g/s)} &= 0.005 \text{ kg/Mg} \times 12,500 \text{ tonnes per hour} \times 1,000 \text{ g/kg} \times 1 \text{ hr/3,600 sec} \times 80\% \\ \text{Particulate Emissions (g/s)} &= 0.40 \end{aligned}$$

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Metal Content of Mine Rock and Ore**

**Total TSP ER (g/s) 5.97**

Contaminant	CAS	Mine Rock Samples Summary									Ore Rock Samples Summary						Summary of 90th Percentiles			TSP Emission Rate (g/s)	
		Count	Concentration Unit	Minimum	Maximum	Average	Median	Standard Deviation	25th Percentile	75th Percentile	90th Percentile	Count	Concentration Unit	Minimum	Maximum	Average	90th Percentile	Mine Rock	Ore		Aggregate
Ag	7440-22-4	362	ppm	0.02	6.00	0.68	0.40	0.76	0.20	0.80	1.60	509	ppm	0.3	284.0	4.4	8.2	0.00016%	0.00082%	0.00010%	4.90E-05
Al	7429-90-5	362	%	0.17	6.07	1.79	1.48	1.08	0.94	2.54	3.17	909	%	0.1	8.6	2.5	6.9	3.17%	6.93%	3.69%	4.14E-01
As	7440-38-2	362	ppm	0.50	345	16.9	8.70	26.7	4.70	20.0	36.8	903	ppm	1.0	7,430.0	105.0	138.6	0.0037%	0.0139%	0.0014%	8.28E-04
Au	7440-57-5		ppm										ppm					0.00004%	0.00015%	0.00004%	8.96E-06
B	7440-42-8	143	ppm	20.0	50.0	34.6	30.0	5.79	30.0	40.0	40.0	525	ppm	10.0	74.0	37.2	55.0	0.00400%	0.00550%	0.00460%	3.28E-04
Ba	7440-39-3	362	ppm	2.00	3220	59.6	29.0	196	20.0	40.0	84.7	904	ppm	10.0	930.0	101.0	320.0	0.00847%	0.03200%	0.02220%	1.91E-03
Be	7440-41-7	362	ppm	0.10	3.70	0.68	1.00	0.44	0.20	1.00	1.00	193	ppm	0.3	75.0	2.4	2.0	0.00010%	0.00020%	0.00010%	1.19E-05
Bi	7440-69-9	362	ppm	0.02	27.7	0.59	0.20	1.73	0.10	0.49	1.30	656	ppm	0.0	135.0	10.5	25.0	0.00013%	0.00250%	0.00030%	1.49E-04
Ca (as carbonate)	471-34-1	362	%	0.08	10.1	2.36	1.82	1.72	1.24	2.82	4.85	909	%	0.11	8.70	1.70	3.68	4.85%	3.68%	5.17%	3.09E-01
Cd	7440-43-9	362	ppm	0.01	34.6	0.83	0.11	3.46	0.10	0.40	1.19	453	ppm	0.0	76.0	8.1	18.0	0.00012%	0.00180%	0.00010%	1.07E-04
Ce	7440-45-1	362	ppm	0.90	271	27.8	25.0	28.2	13.8	30.0	44.9	76	ppm	4.2	48.0	23.0	36.5	0.00449%	0.00365%	0.00781%	4.66E-04
Co	7440-48-4	362	ppm	3.00	66.9	18.7	9.50	15.5	7.90	31.5	43.9	909	ppm	2.0	72.0	12.7	35.0	0.00439%	0.00350%	0.00440%	2.63E-04
Cr	7440-47-3	362	ppm	12.0	1160	98.0	59.0	139	43.0	76.0	154	906	ppm	1.0	614.0	85.0	197.0	0.01537%	0.01970%	0.03650%	2.18E-03
Cs	7440-46-2	362	ppm	0.13	59.7	3.10	1.59	4.77	0.80	3.58	7.34	76	ppm	0.4	10.7	1.9	4.9	0.00073%	0.00049%	0.00024%	4.36E-05
Cu	7440-50-8	362	ppm	3.70	938	74.4	38.3	101.8	18.6	88.0	183	909	ppm	3.0	3,357	144	330	0.01831%	0.03296%	0.01936%	1.97E-03
Fe	7439-89-6	362	%	0.59	11.5	3.52	2.32	2.51	1.78	4.67	7.81	909	%	0.35	13.60	3.60	8.33	7.81%	8.33%	7.56%	4.97E-01
Ga	7440-55-3	362	ppm	1.00	16.3	5.66	5.00	3.25	3.00	7.60	10.0	76	ppm	1.00	15.00	4.40	10.00	0.00100%	0.00100%	0.00100%	5.97E-05
Ge	7440-56-4	362	ppm	0.10	0.50	0.12	0.10	0.06	0.10	0.10	0.20	76	ppm	0.10	0.30	0.11	0.20	0.00002%	0.00002%	0.00002%	1.19E-06
Hf	7440-58-6	362	ppm	0.05	0.90	0.24	0.20	0.16	0.10	0.30	0.44	76	ppm	0.05	0.60	0.27	0.50	0.00004%	0.00005%	0.00005%	2.99E-06
Hg	7439-97-6	362	ppm	0.01	2.4	0.08	0.05	0.22	0.01	0.05	0.10	76	ppm	0.01	15.70	0.39	0.45	0.00001%	0.00005%	0.00040%	2.39E-05
In	7440-74-6	362	ppm	0.01	1.22	0.04	0.02	0.10	0.01	0.03	0.06	76	ppm	0.01	11.32	0.29	0.41	0.00001%	0.00004%	0.00000%	2.39E-06
K	7440-09-7	362	%	0.01	3.46	0.19	0.12	0.30	0.09	0.18	0.39	909	%	0.01	3.76	0.57	1.93	0.39%	1.93%	0.81%	1.15E-01
La	7439-91-0	362	ppm	0.50	130	13.5	12.0	13.7	6.00	15.0	22.0	76	ppm	1.8	23.3	11.1	17.0	0.00220%	0.00170%	0.00461%	2.75E-04
Li	7439-93-2	362	ppm	1.80	215	43.7	36.7	30.3	23.3	57.5	78.9	705	ppm	1.0	196.0	34.0	69.0	0.00789%	0.00690%	0.00290%	4.71E-04
Lu	7439-94-3	143	ppm	0.01	0.21	0.06	0.04	0.04	0.02	0.08	0.13	11	ppm	0.01	0.14	0.06	0.11	0.00001%	0.00001%	0.00002%	1.19E-06
Mg	7439-95-4	362	%	0.10	6.39	1.25	0.92	1.00	0.66	1.32	2.69	909	%	0.01	5.00	1.00	2.20	2.69%	2.19%	2.84%	1.70E-01
Mn	7439-96-5	362	ppm	63.0	2860	754	606	509	391	1020	1458	76	ppm	124	2,238	867	1,582	0.14575%	0.15815%	0.16100%	9.61E-03
Mo	7439-98-7	362	ppm	0.09	46.2	1.25	0.60	3.03	0.40	1.04	2.30	598	ppm	0.16	54.50	5.10	12.00	0.00023%	0.00120%	0.00060%	7.17E-05
Na	7440-23-5	362	%	0.01	0.55	0.07	0.04	0.06	0.03	0.09	0.14	905	%	0.01	1.50	0.10	0.23	0.14%	0.23%	0.32%	1.91E-02
Nb	7440-03-1	362	ppm	0.05	0.70	0.12	0.10	0.07	0.08	0.10	0.20	76	ppm	0.05	0.30	0.11	0.20	0.00002%	0.00002%	0.00025%	1.49E-05
Ni	7440-02-0	362	ppm	2.40	491	35.8	11.6	55.8	9.10	49.1	79.2	870	ppm	1.00	233	18	45	0.00792%	0.00445%	0.01150%	6.87E-04
P	7723-14-0	362	ppm	120.00	5640	534	430.00	426	372.50	550	769	859	ppm	35	2,898	465	630	0.07690%	0.06304%	0.08000%	4.78E-03
Pb	7439-92-1	362	ppm	0.10	555	13.1	3.80	45.9	1.75	8.25	22.1	883	ppm	1.00	7,590	103	218	0.00221%	0.02176%	0.00250%	1.30E-03
Rb	7440-17-7	362	ppm	0.20	185	7.51	3.95	13.4	2.50	7.25	17.2	76	ppm	0.20	33.90	7.21	15.30	0.00172%	0.00153%	0.00222%	1.33E-04
Re	7440-15-5	219	ppm	5.00	25.0	5.23	5.00	1.61	5.00	5.00	5.00	65	ppm	5.00	7.00	5.03	5.00	0.00050%	0.00050%		2.99E-05
Sb	7440-36-0	362	ppm	0.05	18.8	0.41	0.23	1.08	0.10	0.43	0.80	409	ppm	0.33	53.00	5.70	11.00	0.00008%	0.00110%	0.00050%	6.57E-05
Sc	7440-20-2	362	ppm	0.30	33.5	3.91	1.30	5.10	0.80	5.35	11.2	76	ppm	0.30	30.30	2.57	7.90	0.00112%	0.00079%	0.00180%	1.07E-04
Se	7782-49-2	362	ppm	0.50	5.50	0.75	0.50	0.41	0.50	1.00	1.00	220	ppm	1.00	29.00	6.40	17.00	0.00010%	0.00170%	0.00010%	1.02E-04

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Metal Content of Mine Rock and Ore**

<b>Sn</b>	7440-31-5	362	ppm	0.10	2.00	0.23	0.20	0.17	0.10	0.30	0.30	108	ppm	0.30	96.00	7.10	22.00	0.00003%	0.00220%	0.00005%	1.31E-04
<b>Sr</b>	7440-24-6	362	ppm	6.00	1840	65.4	45.0	106	28.3	73.0	124	909	ppm	6.00	660	64	130	0.01238%	0.01302%	0.02430%	1.45E-03
<b>Ta</b>	7440-25-7	362	ppm	0.05	0.10	0.08	0.10	0.02	0.05	0.10	0.10	76	ppm	0.05	0.10	0.09	0.10	0.00001%	0.00001%	0.00001%	5.97E-07
<b>Tb</b>	7440-27-9	143	ppm	0.05	2.54	0.22	0.15	0.24	0.12	0.25	0.44	11	ppm	0.09	0.32	0.18	0.30	0.00004%	0.00003%	0.00004%	2.39E-06
<b>Te</b>	13494-80-9	362	ppm	0.05	11.3	0.48	0.20	1.03	0.10	0.50	1.10	76	ppm	0.05	12.20	0.96	2.79	0.00011%	0.00028%	0.00280%	1.67E-04
<b>Th</b>	7440-29-1	362	ppm	0.10	17.1	1.65	1.50	1.77	0.73	1.90	2.59	76	ppm	0.10	4.20	1.40	2.10	0.00026%	0.00021%	0.00200%	1.19E-04
<b>Ti</b>	7440-32-6	362	%	0.01	0.51	0.05	0.02	0.06	0.01	0.07	0.12	76	%	0.01	0.23	0.03	0.08	0.12%	0.08%	0.42%	2.51E-02
<b>Tl</b>	7440-28-0	362	ppm	0.02	1.75	0.12	0.10	0.13	0.06	0.10	0.23	266	ppm	0.01	0.99	0.10	0.24	0.00002%	0.00002%	0.00100%	5.97E-05
<b>U</b>	7440-61-1	362	ppm	0.05	2.10	0.26	0.20	0.23	0.10	0.30	0.40	460	ppm	0.22	1,115	30	20	0.00004%	0.00200%	0.00100%	1.19E-04
<b>V</b>	7440-62-2	362	ppm	2.00	668	52.3	13.0	75.7	6.00	78.8	160	897	ppm	1.00	613	40	102	0.01599%	0.01024%	0.01182%	9.55E-04
<b>W</b>	7440-33-7	362	ppm	0.10	94.9	0.97	0.10	5.66	0.10	0.20	1.28	277	ppm	0.20	149	16	37	0.00013%	0.00374%	0.00100%	2.23E-04
<b>Y</b>	7440-65-5	362	ppm	0.60	40.8	4.23	2.87	3.63	2.10	5.23	9.30	680	ppm	1.00	27.00	4.00	8.00	0.00093%	0.00080%	0.00109%	6.51E-05
<b>Yb</b>	7440-64-4	143	ppm	0.10	1.50	0.38	0.20	0.30	0.20	0.50	0.80	11	ppm	0.10	1.00	0.40	0.90	0.00008%	0.00009%	0.00011%	6.57E-06
<b>Zn</b>	7440-66-6	362	ppm	7.00	6930	241	91.0	689	56.0	183	340	909	ppm	2.00	16,867	881	2,550	0.03398%	0.25500%	0.01640%	1.52E-02
<b>Zr</b>	7440-67-7	362	ppm	0.40	50.3	9.20	7.40	6.97	5.03	11.8	17.0	909	ppm	2.00	16,867	881	2,550	0.00170%	0.25500%	0.00160%	1.52E-02

**Emission Summary and Dispersion Modelling Report  
New Gold - Rainy River Mine  
Mill Process and Miscellaneous Sources**

**CN Destruction**

**Process Description**

The cyanide destruction area is located outside the main processing building. Following the leaching process, gold that is dissolved in the cyanide solution is adsorbed onto activated carbon in the CIP circuit. Loaded carbon is transferred to the gold recovery circuit while tailings from the CIP circuit are sent to the cyanide destruction tanks (Source ID HCND).

Liquid sulphur dioxide (SO<sub>2</sub>) is received and transferred by a closed loop system to sealed tanks. A SO<sub>2</sub>/air process is used for in-plant treatment of tailings in the cyanide destruction tank where cyanide and metallo-cyanide complexes are oxidized to cyanate ion using copper sulphate as a catalyst. Emissions from loading of copper sulphate and mixing are controlled by a dust collection system (Source ID DC6). The cyanate then reacts with water to form ammonia and carbon dioxide. Free metal ions are precipitated with the addition of lime to form insoluble metal hydroxides and will adsorb onto tailings particle solids, eventually settling out of the slurry in the tailings management area. Excess SO<sub>2</sub> is used in the process to ensure complete stoichiometric oxidation of cyanide. It was assumed excess SO<sub>2</sub> is emitted fugitively from the destruction tank (Source ID HCND).

The cyanide destruction process is detailed in the following reactions:

NaCN Usage	0.5	kg/t ore feed
Excess SO <sub>2</sub> usage	0.7%	percentage
Annual ore processing rate	9,855,000	tonnes/year

**Emission Methodology - Mass Balance**

SO<sub>2</sub> is consumed as part of the CN Destruction process. The excess SO<sub>2</sub> is used to ensure that the reaction is complete. All excess SO<sub>2</sub> has been considered to be discharged to the atmosphere.

**Data Quality**

The data quality is considered to be above average as a mass balance approach was used that assumes all excess SO<sub>2</sub> is discharged to the atmosphere.

**Sample Calculation**

Emission Factor  
(g/s/tonnes of ore processed) = NaCN usage (kg NaCN/tonne of ore) x Molar ratio (kg SO<sub>2</sub>/kg NaCN) x (1 year/365 days) x (1 day/24 hours) x (1 hour/3600 seconds) x (1000g/kg) x 0.7% excess eq.12  
 = 0.5 (kg NaCN/tonne of ore) x (64.07/49.01)(kg SO<sub>2</sub>/kg NaCN) x (1 year/365 days) x (1 day/24 hours) x (1 hour/3600 seconds) x (1000g/kg) x 0.7% excess  
 = 1.45E-07

Emission Rate (g/s) = Emission Factor (g/s/tonnes of ores processed) x Annual ore processing rate (tonnes/year) / No. of cyanide destruction tanks  
 4.15E-07 (g/s/tonnes of ore processed) x 9,855,000 (tonnes/year) / 2 (tanks)

**Emission Estimation**

Process	Source ID	Contaminant	CAS RN	Emission Factor (g/s/tonnes of ore processed)	Emission Rate (g/s)
CN Destruction	HCND1	Sulphur dioxide	7446-09-5	1.45E-07	0.72
CN Destruction	HCND2	Sulphur dioxide	7446-09-5	1.45E-07	0.72

**Lime Bin Baghouse**

**Process Description**

Calcium oxide is received in a storage bin and emissions from handling are controlled by a cartridge bin vent (Source ID DC4). The lime slaker converts calcium oxide to calcium hydroxide with the addition of water to produce a slurry. Lime is used to control pH in the leach tanks (this optimizes cyanide ion solution levels and minimizes formation of hydrogen cyanide gas as well as pH control in the cyanide destruction circuit).

**Induction Furnace**

**Process Description**

Metal impurities in the ore charged to the induction furnace include very low copper content, and potentially minor amounts of zinc and iron. Only a minor quantity of particulate matter would be generated from the pouring operation. The dust collection system is designed to capture all fumes from the induction furnace and casting, as the exhaust may contain trace quantities of valuable gold and silver which can be recovered from the filters. These impurities are predominately taken up in the slag and were therefore considered to be insignificant emissions from the dust collector exhaust. Flux is mixed into the sludge and the resulting mixture is dried and smelted in the induction furnace. Emissions from the furnace are controlled by a dry cartridge filter (Source ID DC3).

Molten precious metals are poured into moulds to form doré bars.

**Pebble Crushing Area**

**Process Description**

Oversized material from the SAG slurry passes through a pebble crusher before being returned to the SAG mill. The slurry is pumped from the milling circuit to a cluster of cyclones. Emissions from the pebble crushing area are controlled by a wet scrubber system (Source ID EF1).

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Mill Process and Miscellaneous Sources**

**Copper Sulphate Dust Collector**

**Process Description**

Liquid sulphur dioxide (SO<sub>2</sub>) is received and transferred by a closed loop system to sealed tanks. A SO<sub>2</sub>/air process is used for in-plant treatment of tailings in the cyanide destruction tank where cyanide and metallo-cyanide complexes are oxidized to cyanate ion using copper sulphate as a catalyst. Emissions from loading of copper sulphate and mixing are controlled by a dust collection system (Source ID DC6).

**Flocculant**

**Process Description**

Flocculant is added to the thickener feed in the pre-leach thickener feed. Emissions from the addition of flocculant are controlled by a baghouse dust collector (Source ID DC5).

**Sodium Metabisulphate Loading**

**Process Description**

A dust collector has been installed to handle emissions associated with the handling of sodium metabisulphite at the Gold Recovery Area.

**Baghouse Emissions Methodology - Emission Factor**

Per ESDM Procedure Document, an emission factor of 0.01 grains/ft<sup>3</sup> or ~20 milligrams per cubic metre (mg/m<sup>3</sup>) of gas can be assumed at the outlet of a fabric filter dust collector. In cases of sites with multiple baghouse (also known as fabric filter dust collectors) discharging simultaneously, an emission factor of 20 mg/m<sup>3</sup> can be assumed for the most significant dust collector and 10 mg/m<sup>3</sup> for the remaining units.

**Data Quality**

Emission rate estimates that are developed from tests on a moderate to large number of sources where the source category population is sufficiently specific to minimize variability (e.g., US EPA, AP-42, emission factor quality rating of A or B) are anticipated to provide above-average quality of emission rate estimates.

**Sample Calculation**

$$\text{Emission Rate (g/s)} = \text{Baghouse Outlet Concentration (mg/m}^3\text{)} \times \text{Stack Flow Rate (m}^3\text{/s)} \times (1 \text{ g} / 1000 \text{ mg eq. 13})$$

$$\text{Emission Rate (g/s)} = (20 \text{ mg/m}^3\text{)} \times (1.9 \text{ m}^3\text{/s)} \times (1 \text{ g} / 1000 \text{ mg})$$

$$\text{Emission Rate (g/s)} = 0.0190$$

**Emission Estimation**

Source ID	Process	Contaminant	CAS RN	Flowrate (m <sup>3</sup> /s)	PM Concentration (mg/m <sup>3</sup> )	Emission Rate (g/s)
DC4	Lime Bin Baghouse	Suspended particulate matter	N/A-TSP	3.00E-03	10	3.00E-05
DC4	Lime Bin Baghouse	Calcium oxide	1305-78-8	3.00E-03	50%	1.50E-05
DC3	Induction Furnace	Suspended particulate matter	N/A-TSP	1.90E+00	10	1.90E-02
EF1	Pebble Crushing Area	Suspended particulate matter	N/A-TSP	6.20E+00	16	9.92E-02
DC6	Copper Sulphate Dust Collector	Suspended particulate matter	N/A-TSP	1.20E+00	10	1.20E-02
DC6	Copper Sulphate Dust Collector	Copper sulphate	7758-99-8	1.20E+00	50%	6.00E-03
DC5	Flocculant	Suspended particulate matter	N/A-TSP	3.80E-01	10	3.80E-03
DC7	Sodium Metabisulphate Loading	Suspended particulate matter	N/A-TSP	8.87E-01	10	8.87E-03
DC7	Sodium Metabisulphate Loading	Sodium metabisulfite	7681-57-4	8.87E-01	50%	4.42E-03

**Propane Heating**

**Process Description**

Propane heaters are located throughout the process building for comfort heating (Source ID SPACEHEAT). Propane is also used to heat ventilation air in the underground mine and combustion emissions are vented through the two portals (Source ID PORT1, PORT2).

**Emission Methodology - Emission Factor**

Per the ESDM Procedure Document, only NOx was considered to a significant contaminant from the combustion of propane. Emissions from the combustion of propane were estimated using emission factors in U.S. EPA P-42 Chapter 1.5

Emission Factor	13	lb/1000 gal.
	0.013	lb/gal.

**Data Quality**

The data quality is considered to be marginal as the emission factor has a rating of 'E'.

**Sample Calculation**

Plant Building Heating

eq. 14

$$\text{Emission Rate (g/s)} = \text{Total Fuel Consumption Rate (L/hr)} \times \text{Emission Factor (lb/1,000 gal)} \times \% \text{ of total area} \times (453.59 \text{ g/lb}) \times (1 \text{ hr} / 3,600 \text{ sec})$$

$$\text{Emission Rate (g/s)} = (1,271 \text{ L/hr}) \times (13 \text{ lb/1,000 gal}) \times 58\% \text{ of total area} \times (453.59 \text{ g/lb}) \times (1 \text{ hr} / 3,600 \text{ s})$$

$$\text{Emission Rate (g/s)} = 0.32$$



**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Road Dust Emissions**

**Process Description**  
Haul road traffic dust generated emissions from onsite access roads and pipelines, power infrastructure and fuel storage facilities. For site haul roads, a control efficiency of 98% was used to reflect dust suppression by watering or chemical dust suppressant application, setting and enforcing speed limits for haul trucks, and the use of aggregate with lower silt content for road construction and maintenance. The lower silt content on the roads is a result of hard mine rock being used for the haul roads instead of softer limestone gravel often used in pits and quarries.

**Emission Methodology - Emission Factor**

Based on AP42 Chapter 13.2 Unpaved Roads for taconite mining  
The predicted air quality impacts of emissions of silica as a constituent of respirable dust (PM10). The range of quartz contents within the rock of the Rainy River deposit is similar to that observed for common granite rocks, which have quartz contents that range from 20% to 60%. These types of granitic rocks are significant component of the rock found throughout northern Ontario. Data from other, similar sites were used to calculate the silica content of the fine fraction. A silica concentration of 7.5% of the PM10 was used in the modelling, based upon the findings of an extensive Ministry of Labour (MOL) study conducted at eight underground mines in northern Ontario (Verma et.al., Respirable Dust and Respirable Silica Exposure in Ontario Gold Mines, Journal of Occupational and Environmental Hygiene, February 2014, pp. 111-114). The ratio of silica in the total PM10 fraction from the MOL study was applied to the PM10 emissions from the site to calculate the predicted silica concentrations.

	Haul Road/Pit	Service/Plant Roads
Mean Silt Content (%)	5.80	4.3
Assumed average speed of trucks (km/hr)	50	20
Assumed control efficiency (%)	98	98

based on watering, lack of silt, dust suppressant

- The expected control efficiencies for these measures are:
- up to 98% for haul road watering or dust suppressant application;
  - up to 80% for limiting truck speeds, and;
  - up to 50% for road surface improvements.

**Particulate Emission Coefficients for Truck Traffic on Unpaved Industrial Roads**

Constant	Expressed Units	TSP	PM10	PM2.5
k	lb/VMT	4.9	1.5	0.15
a	unitless	0.7	0.9	0.9
b	unitless	0.45	0.45	0.45

**Road Details**

Road ID	Road Description	Tonnes per hour	Load Size (tonnes per truck)	Round Trips per hours	Road Length (km)	Total VKT per hour	Vehicle Empty Weight (tonnes)	Mean Vehicle Weight (ton)	TPM Emission Factor (kg/VKT)	PM10 Emission Factor (kg/VKT)	PM2.5 Emission Factor (kg/VKT)
INPIT_HR	Material from bottom of pit to split	12,500	225	56	1.5	84	160	305	6.65	1.76	0.18
TMA_HR	TMA	1,300	225	6	2	12	160	305	5.39	1.34	0.13
ORE_HR	Ore to Drop at Process	1,300	225	6	0.6	3.6	160	305	5.39	1.34	0.13
LG_HR	LG Ore to Drop at Stockpile	1,300	225	6	0.4	2.4	160	305	6.65	1.76	0.18
NPAG_HR	NPAG from split out of pit	3,000	225	14	1.6	22.4	160	305	6.65	1.76	0.18
OB_HR	OB from split out of pit	1,300	225	6	1.4	8.4	160	305	6.65	1.76	0.18
ORE_MILL_HR	Ore from Underground to Mill	675	225	3	0.5	1.5	102.7	241	4.85	1.21	0.12
LG&PAG_HR	PAG and LG Ore out of Pit	4,500	225	20	1.1	22	160	305	6.65	1.76	0.18
PAG_HR	PAG out of Pit	4,500	225	20	1.1	22	160	305	6.65	1.76	0.18
CONST_HR	Construction Equipment	1,300	175	8	6	48	102.7	213	4.58	1.14	0.11

**Data Quality**

Emission rate estimates that are developed from tests on a moderate to large number of sources where the source category population is sufficiently specific to minimize variability (e.g., US EPA, AP-42, emission factor quality rating of A or B) are anticipated to provide above-average quality of emission rate estimates.

**Sample Calculation**

**Step 1:** Calculation of lb/VKT (from AP42 - Chapter 13.2.2)  
 $E \text{ (lb/vkt) (for TSP)} = k \times (\text{silt } \%/12)^a \times (\text{mean weight}/3)^b$  (see values for k, a, b above)  
 $= 4.9 \times (5.8/12)^{0.7} \times (316/3)^{0.45} = 24 \text{ lb/VKT}$  eq. 15

**Step 2:** convert to kg/VKT  
 $E \text{ (kg/VKT)} = 281.9 \text{ g/VKT} \times 24 \text{ lb/VMT}/1000 \text{ g/kg} = 6.65 \text{ kg/VKT}$  eq. 16

**Step 3:** total VKT is obtained from distance travelled x number of round trips per hour x 2.  
Total VKT = 1500 m x 56 round trips per hour x 1000 m/km = 84 VK travelled in an hour.

**Step 4**  
Total emission rate (kg/hour) = 84 VKT/hour x 6.65 kg/VKT = 558.24 kg/hour

**Step 5**  
558.24 kg/hour x 1000 g/kg / 3600 s/hour = 155.07 g/s

**Step 6**  
Controlled emission rate (g/s) = 155.07 g/s x (1 - efficiency) = 155.07X (1- 0.98) = 3.10 g/s eq. 17

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Road Dust Emissions**

**Emission Estimation**

Road ID	Contaminant	CAS RN	Uncontrolled Emission Rate (kg/hr)	Controlled Emission Rate (g/s)
<b>IN PIT</b>				
INPIT_HR	Suspended particulate matter	N/A-TSP	558.24	3.101
INPIT_HR	Particulate matter < 10 microns	N/A-PM10	147.76	0.821
INPIT_HR	Silica (<10 µm diameter)	14808-60-7	11.08	0.062
INPIT_HR	Particulate matter < 2.5 microns	N/A-PM2.5	14.78	0.082
ORE_HR	Suspended particulate matter	N/A-TSP	19.40	0.108
ORE_HR	Particulate matter < 10 microns	N/A-PM10	4.84	0.027
ORE_HR	Silica (<10 µm diameter)	14808-60-7	0.36	0.002
ORE_HR	Particulate matter < 2.5 microns	N/A-PM2.5	0.48	0.003
<b>OUTSIDE PIT</b>				
TMA_HR	Suspended particulate matter	N/A-TSP	64.68	0.359
TMA_HR	Particulate matter < 10 microns	N/A-PM10	16.13	0.090
TMA_HR	Silica (<10 µm diameter)	14808-60-7	1.21	0.007
TMA_HR	Particulate matter < 2.5 microns	N/A-PM2.5	1.61	0.009
NPAG_HR	Suspended particulate matter	N/A-TSP	148.86	0.827
NPAG_HR	Particulate matter < 10 microns	N/A-PM10	39.40	0.219
NPAG_HR	Silica (<10 µm diameter)	14808-60-7	2.96	0.016
NPAG_HR	Particulate matter < 2.5 microns	N/A-PM2.5	3.94	0.022
OB_HR	Suspended particulate matter	N/A-TSP	55.82	0.310
OB_HR	Particulate matter < 10 microns	N/A-PM10	14.78	0.082
OB_HR	Silica (<10 µm diameter)	14808-60-7	1.11	0.006
OB_HR	Particulate matter < 2.5 microns	N/A-PM2.5	1.48	0.008
LG&PAG_HR	Suspended particulate matter	N/A-TSP	146.21	0.812
LG&PAG_HR	Particulate matter < 10 microns	N/A-PM10	38.70	0.215
LG&PAG_HR	Silica (<10 µm diameter)	14808-60-7	2.90	0.016
LG&PAG_HR	Particulate matter < 2.5 microns	N/A-PM2.5	3.87	0.022
LG_HR	Suspended particulate matter	N/A-TSP	15.95	0.089
LG_HR	Particulate matter < 10 microns	N/A-PM10	4.22	0.023
LG_HR	Silica (<10 µm diameter)	14808-60-7	0.32	0.002
LG_HR	Particulate matter < 2.5 microns	N/A-PM2.5	0.42	0.002
PAG_HR	Suspended particulate matter	N/A-TSP	146.21	0.812
PAG_HR	Particulate matter < 10 microns	N/A-PM10	38.70	0.215
PAG_HR	Silica (<10 µm diameter)	14808-60-7	2.90	0.016
PAG_HR	Particulate matter < 2.5 microns	N/A-PM2.5	3.87	0.022
ORE_MILL_HR	Suspended particulate matter	N/A-TSP	7.27	0.040
ORE_MILL_HR	Particulate matter < 10 microns	N/A-PM10	1.81	0.010
ORE_MILL_HR	Silica (<10 µm diameter)	14808-60-7	0.14	0.001
ORE_MILL_HR	Particulate matter < 2.5 microns	N/A-PM2.5	0.18	0.001
CONST_HR	Suspended particulate matter	N/A-TSP	220.06	1.223
CONST_HR	Particulate matter < 10 microns	N/A-PM10	54.87	0.305
CONST_HR	Silica (<10 µm diameter)	14808-60-7	4.11	0.023
CONST_HR	Particulate matter < 2.5 microns	N/A-PM2.5	5.49	0.030
<b>Total In Pit TSP Emission Rate (g/s)</b>				<b>3.21</b>
<b>Total Outside Pit TSP Emission Rate (g/s)</b>				<b>4.47</b>
<b>Total TSP Emission Rate (g/s)</b>				<b>7.68</b>



**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Maintenance Welding**

**Process Description**

Repairs to vehicles and heavy machinery such as loaders are carried out at the Maintenance Shop. Exhausts are fugitive.

**Emission Methodology - Emission Factor**

Welding emisisions were calculated using U.S. EPA AP-42 emission factors for electric arc welding using E7018, E70S, and E71T electrodes.

**Data Quality**

Emission rate estimates that are developed from tests on only a small number of facilities where there is evidence of variability within the source category population (e.g., US EPA, AP-42, emission factor quality rating of D or E) and/or the emission factor rating is uncertain are considered to have uncertain data quality.

**Sample Calculation**

PM emissions from SMAW (g/s) = Maximum SMAW Electrode Usage (kg/day) x Emission Factor (g/kg) x 1 (day/24 h) ;eq. 26

PM emissions from SMAW (g/s) = (2 kg/day) x (18.4 g/kg) x 1 (day/24 h) x (1 h/3600 s)

PM emissions from SMAW (g/s) = 0.00043

Type	Maximum Daily Usage (kg/day)
SMAW	2
GMAW	0.5
FCAW	22
Other <sup>1</sup>	10

<sup>1</sup> Maximum emission factor for SMAW, GMAW and FCAW used

**Emission Estimation**

Source ID	Contaminant	CAS Number	Emission Factor				Emission Rate				Total Emission Rate (g/s)
			SMAW (g/kg)	GMAW (g/kg)	FCAW (g/kg)	Other (g/kg)	SMAW (g/s)	GMAW (g/s)	GCAW (g/s)	Other (g/s)	
WELD	Suspended particulate matter	N/A-TSP	18.4	5.2	12.2	18.4	4.26E-04	3.01E-05	3.11E-03	2.13E-03	5.69E-03
WELD	Chromium compounds (metallic, divalent and trivalent forms)	7440-47-3	0.006	0.001	0.002	0.006	1.39E-07	5.79E-09	5.09E-07	6.94E-07	1.35E-06
WELD	Cobalt	7440-48-4	0.001	0.001	0.001	0.001	2.31E-08	5.79E-09	2.55E-07	1.16E-07	3.99E-07
WELD	Manganese and manganese compounds	7439-96-5	1.03000	1.25E-05	0.66	1.03	2.38E-05	7.23E-11	1.69E-04	1.19E-04	3.12E-04
WELD	Nickel and nickel compounds	7440-02-0	0.002	0.001	0.004	0.004	4.63E-08	5.79E-09	1.02E-06	4.63E-07	1.53E-06

**Emission Summary and Dispersion Modelling Report**  
**New Gold - Rainy River Mine**  
**Wind Erosion at Stockpiles and TMA**

**Process Description**

Stockpiles of overburden, run of mine ore, low-grade ore and mine rock are expected to have fugitive emissions due to wind erosion in addition to the Tailings Management Area (TMA).

**Emission Methodology - Emission Factor**

The Australian NPI Emission Estimation Technique Manual for Mining Version 3.0 provides a factor of 0.4 kg/ha/hr for TSP. The SPCC (1983) average value for wind erosion is 0.4 kg/ha/hr (3,504 kg/ha/year). It is suggested that this value be adopted as a default in the absence of other information.

Control methods for wind erosion from stockpiles

**80% for water sprays**

**30% for wind breaks**

99% for total enclosure

30% for primary earthworks (reshaping/profiling, drainage structures installed)

**30% for rock armour and/or topsoil applied**

30% for primary rehabilitation

40% for vegetation established but not demonstrated to be self-sustaining. Weed control and grazing control.

60% for secondary rehabilitation

90% for revegetation

100% for fully rehabilitated (release) vegetation

Emission Factor	0.4	kg/ha/hr
	1.11E-05	g/s/m <sup>2</sup>

**Data Quality**

Emission Factors: Emission rate estimates that are developed from tests on only a small number of facilities where there is evidence of variability within the source category population (e.g., US EPA, AP-42, emission factor quality rating of D or E) and/or the emission factor rating is uncertain are considered to have uncertain data quality.

**Sample Calculation**

WMRS (Mix of OVB and NPAG)

$$\text{Controlled emission rate (g/s)} = \text{Active Stockpile Area (m}^2\text{)} \times \text{uncontrolled emission factor (g/s/m}^2\text{)} \times \text{control eff. \%}$$

eq. 18

$$\text{Controlled emission rate (g/s)} = 1,731,772 \text{ m}^2 \times 1.11 \times 10^{-5} \text{ g/s/m}^2 \times 80\%$$

$$\text{Controlled emission rate (g/s)} = 1.92$$

**Emission Estimation**

Location	Source ID	Stockpile Description	Material	Contaminant	CAS RN	Active Stockpile Area (m <sup>2</sup> )	Control	Control Efficiency (%)	Controlled Emission Factor (g/s/m <sup>2</sup> )	Emission Rate (g/s)
WMRS	WMRS	Mix of OVB & NPAG	NPAG	Suspended particulate matter	N/A-TSP	865,886	Water Sprays	80%	2.22E-06	1.92E+00
WMRS	LD4	NAG Quarry and Road	NPAG	Suspended particulate matter	N/A-TSP	55,227	Water Sprays	98%	2.22E-07	1.23E-02
EMRS	CONST STK	Mix of OVB & PAG, high OVB pct.	PAG	Suspended particulate matter	N/A-TSP	71,749	Water Sprays	80%	2.22E-06	1.59E-01
EMRS	OC1	NAG Quarry and Pad	PAG	Suspended particulate matter	N/A-TSP	338,414	Water Sprays	80%	2.22E-06	7.52E-01
EMRS	LGO	OVB/HPAG w/ PAG Cap, then LG/MG	PAG	Suspended particulate matter	N/A-TSP	404,918	Water Sprays	80%	2.22E-06	9.00E-01
EMRS	MGO	PAG (20 m avg.)	PAG	Suspended particulate matter	N/A-TSP	36,144	Water Sprays	80%	2.22E-06	8.03E-02
EMRS	EMRS S	Mix of OVB & PAG, high OVB pct. (18 m avg.)	PAG	Suspended particulate matter	N/A-TSP	680,601	Water Sprays	80%	2.22E-06	1.51E+00
EMRS	EMRS N	Mix of OVB & PAG, high OVB pct.	PAG	Suspended particulate matter	N/A-TSP	197,616	Water Sprays	80%	2.22E-06	4.39E-01
EMRS	BTR	PAG Buttress	PAG	Suspended particulate matter	N/A-TSP	186,962	Water Sprays	80%	2.22E-06	4.15E-01
EMRS	MCL	Mix of OVB & PAG, high OVB pct.	PAG	Suspended particulate matter	N/A-TSP	65,979	Water Sprays	80%	2.22E-06	1.47E-01
EMRS	PAG ROAD	PAG Road	PAG	Suspended particulate matter	N/A-TSP	31,853	Water Sprays	98%	2.22E-07	7.08E-03
EMRS	CREEK FILL	NPAG Creek Fill (5 m avg.)	NPAG	Suspended particulate matter	N/A-TSP	20,596	Water Sprays	80%	2.22E-06	4.58E-02
TMA	TMA	Tailings	TAIL	Suspended particulate matter	N/A-TSP	3,121,552	Rock Armour & Water Sprays	98%	2.22E-07	6.94E-01
Other	PIT	Mix of OVB & NPAG	All	Suspended particulate matter	N/A-TSP	1,051,892	Water Sprays	80%	2.22E-06	2.34E+00
Other	NPAG_ROAD	NPAG (as shown, plus up to TMA corner)	NPAG	Suspended particulate matter	N/A-TSP	207,452	Water Sprays	98%	2.22E-07	4.61E-02
Other	ROM STK	HGO/MGO Stockpile - NPAG Base	NPAG	Suspended particulate matter	N/A-TSP	19,882	Water Sprays	80%	2.22E-06	4.42E-02
Other	EOC	Rock Quarry	NPAG	Suspended particulate matter	N/A-TSP	82,986	Water Sprays	98%	2.22E-07	1.84E-02

**Emission Summary and Dispersion Modelling Report  
New Gold - Rainy River Mine  
Waste Water Treatment Plant**

**Process Description**

TMA water is pump from Pumphouse 25 to the Reactor outside the WTP. The water decants from the Reactor into 4 clarifiers. The clean water from the clarifiers flows into a common 24" line and flows by gravity to Nitrification Cell 1. The sludge from the clarifiers drops out the bottom into a common line and is pumped back to the TMA. A lime solution from the Lime Storage Tank is injected into the 24" line just prior to the Reactor for PH control. Dry Lime from a silo is transferred by an auger into the Storage tank and mixed/agitated to create the Lime solution. Ferric Sulphate from the Ferris Sulphate Storage Tank is injected into the 24" line just prior to the Reactor as a coagulant. Pol-e-z Polymer is transferred from a 1m3 tote in alternating batches into two Polymer storage tanks. The Polymer is added to each of the 4 clarifiers as a flocculant. Dry Soda Ash is transferred by an auger into a Soda Ash Solution Storage Tank where it is mixed/agitated with clean water from the WMP. The Soda Ash Solution is pumped into Nitrification Cell 3 to provide Alkalinity Control. Water from Nitrification Cell 4 is transferred to BCR1 by a pump. MKP is injected into the Transfer line to BCR1. Glycerin is injected into the Transfer line to BCR1. Water from BCR1 decants into outlet grates and flows by gravity to the WMP. All operations take place within the building facility.

**Emission Methodology - Emission Factor & Engineering Estimation**

Maximum daily usage rate were used. Conservatively assumed full amount used were being emitted to simulate for the worst case - data quality was determined to be "Average".

Operating hours 8 hrs/day

Material	Contaminant	CAS No.	Weight %	Max Usage	Emission Rate
				(kg/day) <sup>1</sup>	(g/s)
High Calcium Hydrated Lime	Calcium Hydroxide quartz	1305-62-0	100	52.42	7.58E-05
MKP	Potassium dihydrogenorthophosphate	7778-77-0	100	0.49	7.09E-07
POL-E-Z	Hydrotreated Light Distillate	64742-47-8	30	1.27	5.51E-07
POL-E-Z	Sodium Chloride	7647-14-5	10	1.27	1.84E-07
POL-E-Z	Ethoxylated C10-16 Alcohols	68002-97-1	5	1.27	9.19E-08
POL-E-Z	Ethoxylated Sorbitan Monosterate	9005-67-8	5	1.27	9.19E-08
Soda Ash	Sodium Carbonate	497-19-8	100	16.09	2.33E-05
Ferric Sulphate	Iron	10028-22-5	60	22.01	1.91E-05
Glycerine Crude 65%	Glycerol	56-81-5	70	77.78	7.88E-05
Glycerine Crude 65%	Sodium Chloride	7647-14-5	8	77.78	9.00E-06
Glycerine Crude 65%	Methanol	67-56-1	0.078	77.78	8.78E-08
MKP	Potassium dihydrogenorthophosphate	7778-77-0	100	0.49	7.09E-07
Soda Ash Dense	Sodium Carbonate	497-19-8	100	16.09	2.33E-05
PIX 312	diiron tris(sulphate)	10028-22-5	60	22.01	1.91E-05

<sup>1</sup> Information in regards to daily usage rates were obtained from the client.

**Eq.34**

**Sample Calculation - High Calcium Hydrated Lime**

$$\begin{aligned}
 \text{Emission Rate (g/s)} &= \text{Weight \%} \times \text{Max Usage Rate} \times \text{Conversion Factors} \\
 &= (100\%) \times 52.42 \times (1 \text{ day}/24 \text{ hr}) \times (1 \text{ hr}/3600 \text{ sec}) \\
 &= 7.58E-05
 \end{aligned}$$

## **APPENDIX F. OTHER SUPPORTING DOCUMENTATION**

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## **APPENDIX F. OTHER SUPPORTING DOCUMENTATION**

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PubMed

**Format:** Abstract

*J Occup Environ Hyg.* 2014;11(2):111-6. doi: 10.1080/15459624.2013.843784.

## Respirable dust and respirable silica exposure in Ontario gold mines.

Verma DK<sup>1</sup>, Rajhans GS, Malik OP, des Tombe K.

### Author information

### Abstract

A comprehensive survey of respirable dust and respirable silica in Ontario gold mines was conducted by the Ontario Ministry of Labor during 1978-1979. The aim was to assess the feasibility of introducing gravimetric sampling to replace the assessment method which used konimeters, a device which gave results in terms of number of particles per cubic centimeter (ppcc) of air. The study involved both laboratory and field assessments. The field assessment involved measurement of airborne respirable dust and respirable silica at all eight operating gold mines of the time. This article describes the details of the field assessment. A total of 288 long-term (7-8 hr) personal respirable dust air samples were collected from seven occupational categories in eight gold mines. The respirable silica ( $\alpha$ -quartz) was determined by x-ray diffraction method. The results show that during 1978-1979, the industry wide mean respirable dust was about 1 mg/m<sup>3</sup>, and the mean respirable silica was 0.08 mg/m<sup>3</sup>. The mean% silica in respirable dust was 7.5%. The data set would be useful in future epidemiological and health studies, as well as in assessment of workers' compensation claims for occupational diseases such as silicosis, chronic obstructive pulmonary disease (COPD), and autoimmune diseases such as renal disease and rheumatoid arthritis.

PMID: 24369933 DOI: [10.1080/15459624.2013.843784](https://doi.org/10.1080/15459624.2013.843784)

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FORM

TITLE:	<b>SUPPLIER DOCUMENT FRONT SHEET</b>	DOC. NO.:	DOC-FOR-000037 Rev. 1
PROJECT NAME:	<b>Rainy River</b>	PROJECT NO.:	<b>100126</b>

**Energy Technology Products**

Company Name

**100126-PJ090**

PO/Contract Number

**Dust Collector Equipment Data Sheet**

Package/Contract Description

**Gyratory Crusher Dust Collector and Exhaust Fan Equipment Data Sheet**

Document Title

<b>3</b>	<b>23-Apr-15</b>	<b>Hetty Bolt</b>	<b>H Bolt</b>
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Total Number of Pages  
(Including Front Sheet)

Submission Date

Submitted By - Print Name

Supplier Approval - Signature

<b>3110-BH-0001</b>	<b>3110-FA-0002</b>	

Secondary SDDRL Code(s)


<b>VDN 19</b>	<b>4</b>
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Supplier/Contractor Document Number

Supplier Rev.

<b>100126-PJ090-D02-0001.001</b>	<b>004</b>
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AMEC Project Document No.

AMEC Issue No.

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AMEC Signature

**28 APR '15**  
Date

Data Sheet

Title	<b>DUST COLLECTION BAGHOUSE</b>		Proj Doc No.	100126-3110-DE40-DAT-0500	
Proj Name	Rainy River Gold Project		AMEC Doc. No.	N/A	
Client	Newgold Rainy River Resources Ltd.		Proj No.	100126	Rev: C
Supplier	AWBS No.		Plant/Area No 3140.	Pkg No.	
Tag No(s).	3110-BH-0001 & 3110-FA-0002				Qty: 1
Item Desc	Gyratory Crusher Dust Collector and Gyratory Crusher Dust Collector Exhaust Fan				
1	<b>DESIGN DATA</b>				
2	<b>LOCATION, SITE AND OPERATING CONDITIONS</b>				
3	<input checked="" type="checkbox"/> Indoor	<input type="checkbox"/> Outdoor	<input type="checkbox"/> Heated	<input checked="" type="checkbox"/> Unheated	Site Elevation: 350 m (1150ft) Above Sea Level
4	Certification: CSA or ULC		Electrical Classification: None		
5	<input checked="" type="checkbox"/> Winterization Required	<input type="checkbox"/> Tropicalization Required	Seismicity: See Site Design Conditions Design Criteria		
6	Environment: <input type="checkbox"/> Toxic	<input checked="" type="checkbox"/> Dusty	<input type="checkbox"/> Corrosive	<input type="checkbox"/> Flammable	Operation: <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
7	Operating schedule: ( hr/day )	24	Days/Year	336	No. Starts per Hour: N/A No. Starts per Day: N/A
8					
9	<b>PROCESS OPERATING PARAMETERS</b>				
10	Description: Gold Mine Ore Crushing		Max. Noise Level (dBa) at 1.0 m, 85 dBa		
11	Ore Moisture Content: 3%				
12	Ore Material Specific Gravity: 2.85 t/m³				
13	Volume Flow Rate	L/s (ACFM)	10,294 L/s (17,500)	Dust Distribution: 50% in 2-7 microns particle range	
14	Min. Design Temp. (Ambient Condition) °C (°F)		-33 (-27.4)		
15	Max. Design Temp. (Ambient Condition) °C (°F)		35 (95)		
16	<b>INFORMATION REQUIRED WITH BIDS</b>				
17		<b>SPECIFIED BY AMEC</b>		<b>AS SUPPLIED BY VENDOR</b>	
18	<b>General</b>				
19	Manufacturer	By Vendor		Donaldson / Torit	
20	Make / Model Number	By Vendor		VH 2-12	
21	Paint / Finish	By Vendor		Vendor standard 2,000 finish	
22	<b>Housing Section</b>				
23	Housing Material	By Vendor		Carbon steel	
24	Housing Material Thickness	By Vendor		3/16" plate to 10 gauge steel	
25	Access Doors	By Vendor		duty hinged and gasketed w/ De-staco style latches.	
26	Lifting Lugs	By Vendor		yes	
27	Filter / Fan Access Platform	By Vendor		No- RFQ asks for floor mounted fan	
28	<b>Hopper Section</b>				
29	Hopper Material	CS		CS	
30	Hopper Material Thickness	10 Ga		10 Ga	
31	Hopper Slope	60°		60 deg.	
32	Hopper Access Doors	Required		Yes- bolted	
33	Mounting Legs	Required		es not required. Mounting brackets as requested provided	
34	Hopper Dimensions L x W x H	By Vendor		~101.25" x 80" x 75"	
35	<b>Fan</b>				
36	Flow Rate	L/s (ACFM)	10,294 L/s (17,500)	29750 M3/m (17500 CFM)	
37	External Static Pressure (ESP)	Pa (in.wg.)	1500 (6.0)	6" wg	
38	Total Static Pressure (TSP)	Pa (in.wg.)	By Vendor	12" wg TP @ 0.0918 lbs / CF density	
39	Manufacturer	By Vendor		New York Blower	
40	Make / Model Number	By Vendor		RTS size 368	
41	Type / Arrangement	By Vendor		Arr. 1	
42	Material	By Vendor		Mild Steel	
43	Class	By Vendor		4	
44	Fan Wheel Diameter / Type of Blades	By Vendor		36" / Radial Tip	
45	Drive Type	V-Belt		V-Belt	
46	Fan BHP at Operating Point	By Vendor		49	
47	Fan Efficiency	%	By Vendor	72.49%	
48	Outlet Velocity	m/s (ft/s)	By Vendor	3451 ft/min	
49	Fan Speed	m/s (ft/s)	By Vendor	1363 RPM	
50	Equipment Noise Level	dBa	85 dBa @1.0 m (3ft)	less than 85 dBA w/ outlet silencer	
51	Fan Silencer if required	By Vendor		yes	
52	Bearings L10 Rating, > 100,000 hr	Required		yes	
53	Guards	OSHA		Included	
54	Extended SS Lube Lines	Required		Included	
55	<b>Fan Motor</b>				
56	Electrical Service	575/3/60		575/3/60	
57	Manufacturer	By Vendor		TECO	
58	Motor Type	Premium Efficiency IEEE 841		Yes	
59	Fan Motor Size and Speed, kW (HP), RPM	By Vendor		60 HP	
60	Completed Motor Nameplate Data	Required		With order	
61	Fan and Motor Weight	kg (lbs)	By Vendor	1578 Kgs (3500 lbs)	
62	<b>Filter Section</b>				
63	Number of Bags / Cartridges	Qty.	By Vendor	12	
64	Total Filter Area	m² (ft²)	By Vendor	724 M (2376 sq ft)	
65	Air to Cloth Ratio	By Vendor		7.36:1	
66	Filter Media Type	By Vendor		Powercore Spunbond	
67	Overall Efficiency	99.9% @ 1 micron		Merv 15	
68	Filter Pressure Drop	Pa (in.wg.)	By Vendor	4-6" wg loaded	



**Data Sheet**

<b>Title</b>	<b>DUST COLLECTION BAGHOUSE</b>			<b>Proj Doc No.</b>	<b>100126-3110-DE40-DAT-0500</b>	
<b>Proj Name</b>	Rainy River Gold Project			<b>AMEC Doc. No.</b>	N/A	
<b>Client</b>	Newgold Rainy River Resources Ltd.			<b>Proj No.</b>	100126	<b>Rev: C</b>
<b>Supplier</b>	AWBS No.			<b>Plant/Area No 3140.</b>	<b>Pkg No.</b>	
<b>Tag No(s)</b>	3110-BH-0001 & 3110-FA-0002					<b>Qty: 1</b>
<b>Item Desc</b>	Gyratory Crusher Dust Collector and Gyratory Crusher Dust Collector Exhaust Fan					
69	Housing Material and Thickness		By Vendor		3/16" plate to 10 gauge steel	
70	Auto Cleaning Mechanism Assembly		Pulse-Jet		Pulse-Jet	
71						
72	<b>Compressed Air</b>					
73	Compressed Air Pressure	kPa (PSIG)	By Vendor		90-100 PSI	
74	Compressed Air Consumption	Sm <sup>3</sup> /hr (SCFM)	By Vendor		34 Sm <sup>3</sup> /hr (20 SCFM)	
75	<b>Air Lock Section</b>					
76	Manufacturer		By Vendor		Torit	
77	Size		By Vendor		10	
78	Model Number		By Vendor		AN	
79	Motor and Drive		By Vendor		Yes	
80	Motor Size, kW (HP), RPM, V/Ph/Hz		By Vendor		0.75 KW (1 HP) 1800/575/3	
81	Motor Type		Premium Efficiency IEEE 841		Yes	
82						
83	<b>Electrical and Controls</b>					
84	Power Supply		575/3/60		575/3/60	
85	Control Voltage		120 Volt		120 v	
86	Main Starters and Disconnects		By Owner		N/A	
87	Control Panel		NEMA 4		Nema 4	
88	Control Circuit Transformer		By Vendor		yes	
89	Control Circuit Fuses		By Vendor		yes	
90	Control Relays		By Vendor		yes	
91	Pressure Sensors		By Vendor		yes	
92	LED Lights		By Vendor		yes	
93	Timers		By Vendor		yes	
94	Dry Contact (Unit Status suitable for Plant PCS Connection)		By Vendor		yes	
95	Dry Contact (Common Alarm suitable for Plant PCS Connection)		By Vendor		yes	
96	One Dry Contact (Connection to Fire Alarm and Unit Shutdown)		By Vendor		yes	
97	<b>Shipping Data</b>					
98	Overall Dimensions (L x W x H)	m (ft)	By Vendor		1460x1089x962 (574x428x379 )	
99	Overall Weight	kg (lbs)	By Vendor		4602 Kgs (10,145 lbs)	
100	Largest Section (L x W x H)	m (ft)	By Vendor		1257x927x787 (495x365x310)	
101	Largest Section Weight	kg (lbs)	By Vendor		2900 Kgs (6393 lbs)	
102	Winterization Required		By Vendor		Outdoor storage with tarp will be sufficient	
103						
<b>Notes</b>						
1	Bidders must duly complete the "As Supplied by Vendor" column, even if spec. is met. Please indicate meeting spec by "OK".					
2	Bidders not meeting specifications are strongly encouraged to bid and indicate proposed deviation from spec in "Vendor" column.					
3	Equipment must comply with Engineering Specification 100126-3200-DE40-SPE-0007					
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A	11 Jul 2014	Issued for Squad Check	DT		DT	
B	25 Aug 2014	Issued for Client Approval	DT	SC	GC	
C	25 Sep 2014	Issued for Tender	FZ	SD	GC	



FORM

TITLE:	<b>SUPPLIER DOCUMENT FRONT SHEET</b>	DOC. NO.:	DOC-FOR-000037 Rev. 1
PROJECT NAME:	<b>Rainy River Project</b>	PROJECT NO.:	<b>100126</b>

**FLSmith**

Company Name

**100126-PJ060**

PO/Contract Number

**Gyratory Crusher**

Package/Contract Description

**CRUSHER DATA SHEET**

Document Title

<b>11</b>	<b>16-Sep-16</b>	<b>ROSA</b>	
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Total Number of Pages  
(Including Front Sheet)

Submission Date

Submitted By - Print Name

Supplier Approval - Signature

Equipment Tag Number(s)


Secondary SDDRL Code(s)


<b>GC Data Sheet</b>	<b>2</b>
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Supplier/Contractor Document Number

Supplier Rev.

<b>100126-PJ060-D01-0001.001</b>	<b>02</b>
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Ko, Susanna 02:55 PM, 05/10/2016	

AMEC Signature

Date



Rainy River Resources Ltd.  
**RAINY RIVER GOLD PROJECT**  
 3098004-003110-45-EDS-0001-00



**DATASHEET**  
**Gyratory Crusher**

Prepared by:


  
 Josie Di Benedetto, Eng.  
 OIQ Member No.: 116858


Verified by:

  
 Sebastian Humphrey, Eng.  
 OIQ Member No.: 5017890

Approved by:

  
 David F. Runnels, P. Eng.  
 PEO Member No.: 100205623

  
 Jean Lavoie, P. Eng.  
 PEO Member No.: 100088272

  
 Client Approval

Note: This document supersedes document No. 3098004-004110-45-EDS-0001

Rev.	Date	Revision Description	By	Ver.	Appr.	Client
00	2014-02-25	Issued for Purchase	JDB	SH/JL	DR	KM

**DATASHEET****Gyratory Crusher  
3098004-003110-45-EDS-0001-00****RAINY RIVER**

DESCRIPTION	UNITS	DATA
<b>General</b>		
Equipment name	-	Gyratory Crusher
Equipment number	-	3110-CR-0001
Equipment location	-	Outdoors & uncovered
Ambient temperature	°C	-35 to +29
Duty	-	Extra Heavy Duty, continuous
Number of units	-	1
Application	-	Crushing ROM gold ore prior to stockpiling and grinding
Size	mm x mm	1,400 x 2,100
Feed opening, minimum	mm (in)	1,400 (55")
Design motor power, minimum	kW	320
Motor installed	kW	596
<b>Ore Characteristics</b>		
Mineral type	-	Gold ore
Mineral SG	t/m <sup>3</sup>	2.85
Ore bulk density	kg/m <sup>3</sup>	1.60
Crusher work index		
▪ Range (10 to 90 <sup>th</sup> percentile)	kWh/t	12.7 - 27.6
▪ Design (80 <sup>th</sup> percentile)	kWh/t	25.0
Drop weight test (A x b, SMC)		
▪ Range (10 to 90 <sup>th</sup> percentile)		20.7 – 38.5
▪ Design (80 <sup>th</sup> percentile)		24.2
Abrasion index		
▪ Range (10 to 90 <sup>th</sup> percentile)		0.09 – 0.38
▪ Design (80 <sup>th</sup> percentile)		0.25
Moisture content, design	(%)	3.0

**DATASHEET****Gyratory Crusher  
3098004-003110-45-EDS-0001-00****RAINY RIVER**

<b>Operating Conditions</b>		
Days/year		365
Hours/day		24
Overall crusher system availability	%	85
Overall crusher system utilization	%	65
Effective operating (crushing) time	hours/year	5,700
Mining method		Open pit, drill and blast
Feed size		
▪ Maximum lump	mm	1,050-1,100
▪ F <sub>80</sub>	mm	550-600
Method of feed control		Mine dump truck loader and shovel
Annual throughput (dry basis)	tonnes	7,665,000
Crusher throughput (dry basis)		
▪ Average	t/h	1,346
OSS (range)	mm	150 - 165
Crusher discharge P <sub>100</sub>	mm	300 - 350
Crusher discharge P <sub>80</sub>	mm	165
Crusher feed truck capacity	metric tonnes	226
Crusher dump points		2
Truck dump rate	trucks/hour	4
Splitter		No
Dump pocket capacity	tonnes	485
Dump pocket capacity	trucks	2.1
Discharge surge pocket capacity	tonnes	440
Discharge surge pocket capacity	trucks	1.9



Rainy River Resources Ltd.  
**RAINY RIVER GOLD PROJECT**  
 3098004-003110-45-ETQ-0001-00



**RAINY RIVER**

**TECHNICAL QUESTIONNAIRE**

**Gyratory Crusher**

Prepared by:

Verified by:

Approved by:

Josie Di Benedetto, Eng.  
 OIQ Member No.: 116858

Sebastian Humphrey, Eng.  
 OIQ Member No.: 5017890



David F. Runnels  
 PEO Member No.: 100205623

Client Approval

Note: This document supersedes document No. 3098004-004110-45-ETQ-0001

Rev.	Date	Revision Description	By	Ver.	Appr.	Client
00	2014-02-25	Issued for Purchase	JDB	SH	DR	SM



**TECHNICAL QUESTIONNAIRE**  
**Gyratory Crusher**  
 3098004-003110-45-ETQ-0001-BB



<b>Equipment Name: Gyratory Crusher</b>	<b>Units</b>	<b>BBA Datasheet</b> 3098004-003110-45-EDS-0001	<b>FLSmidth</b> Equipment Number: 3110-CR-0001
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**Notes to the Bidder**  
 Bidder is requested to complete the data in the right hand column, as thoroughly as possible.  
 Do not change description in left hand column or modify units of measure.

<b>General</b>			
· Vendor			FLSmidth Inc.
· Manufacturer			
· Type			"TSU" Top Service Gyratory Crusher
· Model No. / Size			1,400 x 2,100 TSU
· Motor power			600 kW
· Manufacturer location of components (specify component & location)			See Proposal

<b>Ore Characteristics</b>			
· Mineral type		Gold Ore	/
· Mineral SG	t/m <sup>3</sup>	2.85	
· Ore bulk density	t/m <sup>3</sup>	1.60	
· Crusher work index - Range (10 <sup>th</sup> to 90 <sup>th</sup> percentile)	kWh/t	12.7 - 27.6	
· Crusher work index - Average (50 <sup>th</sup> percentile)	kWh/t	18.0	
· Crusher work index - Design (80 <sup>th</sup> percentile)	kWh/t	25.0	
· Drop weight test (A x b, SMC) - Range (10 <sup>th</sup> to 90 <sup>th</sup> percentile)		20.7 - 38.5	
· Drop weight test (A x b, SMC) - Design (80 <sup>th</sup> percentile)		24.2	
· Abrasion index - Range (10 <sup>th</sup> to 90 <sup>th</sup> percentile)		0.09 - 0.38	
· Abrasion index - Design (80 <sup>th</sup> percentile)		0.25	
· Moisture content, Design	%	3.0	

<b>Operating Conditions</b>			
· Days/year		365	/
· Hours/day		24	
· Overall crusher system availability	%	85	
· Overall crusher system utilization	%	65	
· Effective operating (crushing) time	hrs/yr	5,700	
· Annual throughput, (dry basis)	t	7,665,000	
· Crusher throughput, (dry basis) - Average	t/h	1346	
· OSS (range)	mm	150 - 165	
· Crusher discharge, P100	mm	300 - 350	
· Crusher discharge, P80	mm	165	
· Crusher feed truck capacity		220	
· Crusher dump points		2	
· Truck dump rate (initial)	trucks/hr	4	
· Dump pocket capacity (tonnes / trucks)		485 / 2.1	
· Discharge surge pocket capacity (tonnes / trucks)		440 / 1.9	

<b>Performance</b>			
<b>Open Side Settings at Various Throws</b>			
· Design eccentric throw	mm		38.1 mm
· Maximum available eccentric throw	mm		38.1 mm
· Minimum available eccentric throw	mm		32 mm
<b>Operating Data at Various O.S.S.</b>			
· Open side setting	mm		152 mm
· Recommended eccentric throw	mm		38.1 mm
· Capacity at constant feed	t/h		1,740 mtph
· Gyration per minute			152 rpm
· Pinion shaft speed	rpm		600 rpm
· Pinion shaft power required	kW		600 kW
Crusher Discharge P <sub>100</sub>	mm		390 mm, Max*
Crusher Discharge P <sub>80</sub> - Average	mm		165 mm, Average

\*Note: While the P100 listed in the Technical Questionnaire for FLSmidth is 390 mm (higher than the PDC of 350 mm), this is only for material with a Wi of 25 kWh/h. Based on the FLSmidth PSD distributions, the P98 for this material would be 300 mm and there is little to no material accounted for between 330-400 mm. Also the P100 of the material with Wi values of 14 kWh/t and 18 kWh/t are below the design of 350 mm.



**TECHNICAL QUESTIONNAIRE**  
**Gyratory Crusher**  
**3098004-003110-45-ETQ-0001-BB**



<b>Equipment Name: Gyratory Crusher</b>	<b>Units</b>	<b>BBA Datasheet</b> 3098004-003110-45-EDS-0001	<b>FLSmidth</b> Equipment Number: 3110-CR-0001
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**Notes to the Bidder**  
Bidder is requested to complete the data in the right hand column, as thoroughly as possible.  
Do not change description in left hand column or modify units of measure.

<b>General Technical Data</b>			
Feed Opening	mm		1,400 mm
<b>Sizes and Loads</b>			
<b>Height:</b>			
· Overall	mm		8,075 mm
· Base to spider rim top	mm		4,177 mm
· Base to spider cap top	mm		6,102 mm
· Base to hydraulic main shaft positioning cylinder bottom	mm		1,973 mm
· From base for main shaft removal	mm		11,043 mm
· From base for eccentric removal	mm		5,709 mm removed from the top of the crusher
<b>Width:</b>			
· Maximum diagona at supports	mm		5,515.5 mm
· Spider rim diameter	mm		5,368 mm
· Base	mm		3,900 mm
· From centreline for pinion shaft removal	mm		3,850 mm
<b>Dynamic Loads:</b>			
· Horizontal at support base	kgf		6,220 kgf
· Moment at base in vertical plane	kgf-m		38,647 kgf-m
<b>Mounting</b>			
Drive type			Direct Drive
Total estimated erection man-hours			3,360 man-hours
Torque limiter			Yes, torque limiting coupling on drive shaft
<b>Shells</b>			
Top Shell, describe			Cast Steel ASTM A27 or equal
Bottom Shell, describe			Cast Steel ASTM A27 or equal
Splits horizontally			Yes, 2 Splits; 3 Shells, top, middle and bottom
Material, construction			Cast Steel ASTM A27 or equal
Number of sections			3
· Top shell	kg		33,956 kg
· Middle shell	kg		37,795 kg
· Bottom shell	kg		26,155 kg
<b>Bottom Shell Arm Liners</b>			
· Material, describe			Cast Manganese Steel, ASTM A128 and abrasion-resistant Steel Lukens 500
· Weight	kg		650 kg
· Thickness	mm		25 - 75 mm
<b>Spider</b>			
Material			Cast Steel ASTM A27 or equal
Construction			Cast
Weight	kg		13,614 kg
<b>Arm Liners</b>			
· Number			2
· Material, describe			Cast Manganese Steel, ASTM A128
· Weight	kg		1,780 kg per Spider Shield
· Thickness	mm		90 mm
<b>Rim Liners</b>			
· Number			Six (6) Top Shell Rim liners, Four (4) Web Liners
· Material, describe			Abrasion-resistant Steel Lukens 500
· Weight	kg		2,826 kg
· Thickness	mm		50 mm





TECHNICAL QUESTIONNAIRE  
Gyratory Crusher  
3098004-003110-45-ETQ-0001-BB



Equipment Name: Gyratory Crusher		Units	BBA Datasheet 3098004-003110-45-EDS-0001	FLSmidth Equipment Number: 3110-CR-0001
<b>Notes to the Bidder</b> Bidder is requested to complete the data in the right hand column, as thoroughly as possible. Do not change description in left hand column or modify units of measure.				
<b>Spider Cap</b>				
- Material, describe				Cast Manganese Steel, ASTM A128
- Weight	kg			2,077 kg
- Thickness	mm			90 mm
<b>Spider Bushing</b>				
- Material, describe				Bronze ASTM A584 or equal
- Weight	kg			598 kg
- Thickness	mm			43.4 mm - average
<b>Main Shaft</b>				
Material				Forged Carbon Steel ASTM A668 or Equal
Construction				Forged - Main Shaft is a 3-piece design (main shaft, core and mantles)
Head centre				FLS refers to this as Core, dimensions listed below
Weight	kg			21,595 kg
Overall length	mm			6,064 mm
<b>Diameter</b>				
- Maximum	mm			940 mm
- In spider bearing	mm			580 mm
- In eccentric bearing	mm			800 mm
<b>Main Shaft Sleeve</b>				
- Material				Medium Carbon Steel AISI 1045
- Dimensions	mm			O.D. 639.6 x Length 1155 mm
<b>Diameter Core</b>				
- Upper	mm			745 mm
- Lower	mm			1,693 mm
- Height	mm			2,980 mm
- Weight	kg			14,921 kg
<b>Mantle</b>				
Material				Cast Manganese Steel, ASTM A128
Number of Sections				2
Weight	kg			11,830 kg, Total
Bottom Diameter	mm			2,100 mm
Thickness	mm			77 - 127 mm
Backing Material, Type				Epoxy FLS D-BAK
Backing Material, Weight	kg			614 kg
<b>Concaves</b>				
Material				Cast Manganese Steel, ASTM A128
Number of Rows				3
Segment per Row				16
Maximum Thickness	mm			95 - 130 mm
Total Concave Weight	kg			19,328 kg
Backing Material, Type				Epoxy FLS D-BAK
Backing Material, Weight	kg			1426 kg
<b>Eccentric</b>				
Material				Cast Steel ASTM A27 or equal
Diameter, Inner	mm			860 mm
Diameter, Outer	mm			1,020 mm
Length	mm			1,470 mm
Throw	mm			38.1 mm
Weight	kg			3,070 kg
<b>Eccentric Bearing Inner</b>				
- Material				Bronze ASTM A584 or equal
- Diameter, inner	mm			803.2 mm
- Diameter, outer	mm			859.9 mm
- Length	mm			1,300 mm
- Weight	kg			859 kg



TECHNICAL QUESTIONNAIRE  
Gyratory Crusher  
3098004-003110-45-ETQ-0001-BB



Equipment Name: Gyratory Crusher	Units	BBA Datasheet 3098004-003110-45-EDS-0001	FLSmidth Equipment Number: 3110-CR-0001
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**Notes to the Bidder**  
Bidder is requested to complete the data in the right hand column, as thoroughly as possible.  
Do not change description in left hand column or modify units of measure.

<b>Bevel Gear and Pinion Gear</b>			
· Material			Forged Alloy Steel ASTM A291
· Pitch diameter	mm		1,820
· Number of teeth			Gear 74, Pinion 19
· Diametrical pitch			0.87
· Hardness (BHN)	BHN		269 - 415 BHN
· Method of hardening			Through-hardened
· Face width	mm		185 mm
· Bevel angle	°		26
· Pressure angle	°		20 degrees
· AGMA durability rating			4.5
· AGMA strength rating			3.04
· AGMA quality			Q8
· Connection type to shaft			Key
<b>Main Shaft Step</b>			
· Diameter	mm		689.75 mm
· Thickness	mm		50 mm
· Weight	kg		171 kg
<b>Step Washer</b>			
· Diameter	mm		750 mm
· Thickness	mm		94 mm
· Weight	kg		201 kg
<b>Pinion Wearing Plate</b>			
· Diameter	mm		750 mm
· Thickness	mm		50 mm
· Weight	kg		140 kg
<b>Eccentric Support Bearing</b>			
· Material			Bronze ASTM A584 or Equal
· Diameter, inner	mm		1,245 mm
· Diameter, outer	mm		1,399 mm
· Thickness	mm		49 mm
<b>Dust Seal</b>			
· Describe			Two (2) rings, one is steel the other is nylatron with packing material between them. It is part of the main shaft assembly and contacts the dust seal bonnet to impede dust
<b>Dust Seal Blower</b>			
· Blower motor size	kW /rpm/ V-ph-Hz		1.5 kW / per site spec
· Air volume each	m <sup>3</sup> /min		4.5 m <sup>3</sup> /min
<b>Pinion Shaft Assembly</b>			
<b>Bearings</b>			
· Number of bearings			2
· Type			Tapered Roller
· Diameter, inner	mm		235 mm
· Diameter, outer	mm		384 mm
· Width	mm		112 mm
· Type of seals			Open Bearing
· B10 life			100,000 hr
· Lubrication			Oil
<b>Pinion Shaft</b>			
· Material			Forged Carbon Steel ASTM A668 or Equal
· Shaft length	mm		1671 mm
· Shaft diameter	mm		259 mm
· Weight	kg		568 kg



**TECHNICAL QUESTIONNAIRE**  
**Gyratory Crusher**  
**3098004-003110-45-ETQ-0001-BB**



<b>Equipment Name: Gyratory Crusher</b>	<b>Units</b>	<b>BBA Datasheet</b> 3098004-003110-45-EDS-0001	<b>FLSMidth</b> Equipment Number: 3110-CR-0001
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**Notes to the Bidder**  
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<b>Lubrication System</b>			
· Manufacturer			Trolladyne or Howard Martin
· Oil tank volume	Litres		2460 l
<b>Oil Pumps</b>			
· Number, operating / standby			One (1) operating / One (1) standby
· Type			Screw Pump
· Oil flow (capacity)	Lpm		303 l/m
· Operating pressure	kPa		2,068 kPa
· Lube Pump Motor	kW /rpm/ V-ph-Hz		22.5 kW / 1800 rpm / per site spec
<b>Filter Type</b>			
· Size			75 mm diameter
· Manufacturer			Hilcoa or equivalent
· Filter mesh size	µm		50 µm
· Maximum pressure	kPa		2,068 kPa
<b>Heating System</b>			
· Number of heaters			Three (3) standard / One (1) additional is optional
· Type			Tube Electric Heaters
· Rating	kW		5
· Heat to be dissipated	kJ/h		17,500 kJ/h
<b>Cooling System</b>			
· Type			Air-to-Oil Heat Exchangers
· Manufacturer			Young Touchstone or equivalent
· Model			OCS-2500
· Number			2
· Fan motor size	kW /rpm/ V-ph-Hz		22.5 kW / 1,200 rpm / per site spec
· Maximum air inlet temperature	°C		41 C
· Heat to be dissipated	kJ/h		323,990 kJ/h (max)
<b>Lube Tank Capacity</b>			
· Oil residence time	mins		8 min
Protective Instrumentation, describe		Refer to drawing/document No.:	80035975 in FLSMidth's IOM Manual
<b>Lubricant Recommendations</b>			
Circulating Oil Specifications			ISO VG 320
<b>Hydraulic Main Shaft Positioning System</b>			
· Hydraulic pump capacity	Lpm		17 l/m
· Pump motor	kW /rpm/ V-ph-Hz		5.6 kW / 1,800 rpm / per site spec
· Pump standby			Optional
· Hydraulic oil tank capacity	liters		568 l
· Heated reservoir			Yes
· Oil residence time	mins		N/A
· Balance cylinder			Yes
· Main shaft travel	mm		304 mm
· Shaft position indicator			Yes
· Protective devices			Accumulator
· Pressure relief valves			Yes
· Filter, fitting, valves, piping	Yes/No		Yes
· Lubrication recommendations			ISO VG 320
<b>Spider Lubrication</b>			
· Lubricant type			Grease, Summer: NLGI #1, Winter: NLGI #0
· Air requirements			Electric Pump Unit
<b>Main Drive Motor</b>			



**TECHNICAL QUESTIONNAIRE**  
**Gyratory Crusher**  
**3098004-003110-45-ETQ-0001-BB**



Equipment Name: Gyratory Crusher		Units	BBA Datasheet 3098004-003110-45-EDS-0001	FLSMidth Equipment Number: 3110-CR-0001
<b>Notes to the Bidder</b> Bidder is requested to complete the data in the right hand column, as thoroughly as possible. Do not change description in left hand column or modify units of measure.				
<b>Torque Design</b>				
· Full load torque		N-m		Refer to Motor Datasheet
· Starting torque, % of full load				Refer to Motor Datasheet
· Breakdown torque, % of full load				Refer to Motor Datasheet
<b>Direct Drive</b>				
Couplings - Manufacturer				Voith
· Size				114 mm
· Type				SR-PF-177
Jackshaft Diameter		mm		190 mm
Jackshaft Length		mm		1,214 mm
Slip Detection Device				Yes
Drive Service Factor				1.5
<b>Controls and Instrumentation</b>				
Describe				Refer to drawing/document No.: 80035975 in FLSMidth's IOM Manual
Switches/Transmitters				
Enclosure				
<b>Painting</b>				
· Paint Manufacturer				Carboline 859/ Carbothane 134HG or equivalent
· Primer coat type and dry film thickness				Epoxy Primer w/ minimum four (4) mils
· Top coat and dry film thickness				Aliphatic Acrylic Polyurethane w/minimum three (3) mils
· Top coat colour and code				Color 4184 (Caribbean Blue)
<b>Anchor Bolts</b>				
· Quantity				4
· Size				To be sized per applicable standards, and station design.
· ASTM Standard				ASTM F1554
<b>Instrumentation</b>				
· For all proposed instruments, please list manufacturer and model number for each				Refer to drawing/document No.: 80035975 in FLSMidth's IOM Manual
<b>Factory Acceptance Test (FAT) Requirements</b>				
· Provide list of all anticipated FAT/SAT requirements				Per ITP
<b>Shipping and Handling</b>				
Cyratory Crusher Weight		kg		250,000 kg
Complete Lubrication System		kg		9,100 kg, wet
Maximum Shipping Weight		kg		Middle Shell, 37,868 kg
Maximum Shipping Size (W x L x H)				4.5 x 4.5 x 2.3 m
Heaviest item to be handled in erection (identify and give weight)		kg		Main Shaft Assembly, 49,025 kg
Heaviest item to be handled during maintenance (identify and give weight)		kg		Main Shaft Assembly, 49,025 kg
<b>Other</b>				
Minimum Operating Design Life				20 years

FORM



TITLE:	<b>SUPPLIER DOCUMENT FRONT SHEET</b>	DOC. NO.:	DOC-FOR-000037 Rev. 1
PROJECT NAME:	<b>Rainy River</b>	PROJECT NO.:	<b>100126</b>

**Energy Technology Products**

Company Name

**100126-PJ090**

PO/Contract Number

**Apron Feeder No.1 and Fan Data Sheet**

Package/Contract Description

**Apron Feeder No. 1 Dust Collector and Exhaust Fan Equipment Data Sheet**

Document Title

<b>3</b>	<b>23-Apr-15</b>	<b>Hetty Bolt</b>	<b>H Bolt</b>
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Total Number of Pages (Including Front Sheet)

Submission Date

Submitted By - Print Name

Supplier Approval - Signature

<b>3140-BH-0010</b>	<b>3140-FA-0104</b>	

Secondary SDDRL Code(s)


<b>VDN 20</b>	<b>3</b>
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Supplier/Contractor Document Number

Supplier Rev.

<b>100126-PJ090-D02-0002.001</b>	<b>003</b>
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AMEC Project Document No.

AMEC Issue No.

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**Project Review:**

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- 1. REVIEWED - NO COMMENT
- 2. REVISE AND RESUBMIT - WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS
- 3. REVISE AND RESUBMIT - WORK MAY NOT PROCEED
- 4. REVIEW NOT REQUIRED - FOR INFORMATION ONLY

AMEC Signature

Date

**28 APR 2015**

# Data Sheet

Title	<b>DUST COLLECTION BAGHOUSE</b>		Proj Doc No.	100126-3140-DE40-DAT-0501	
Proj Name	Rainy River Gold Project		AMEC Doc. No.	N/A	
Client	Newgold Rainy River Resources Ltd.		Proj No.	100126	Rev: C
Supplier	AWBS No.		Plant/Area No 3140.	Pkg No.	
Tag No(s).	3140-BH-0010 & 3140-FA-0104			Qty:	1
Item Desc	Apron Feeder No. 1 Dust Collector and Apron Feeder No. 1 Dust Collector Exhaust Fan				
<b>DESIGN DATA</b>					
<b>LOCATION, SITE AND OPERATING CONDITIONS</b>					
1					
2					
3	<input checked="" type="checkbox"/> Indoor <input type="checkbox"/> Outdoor <input type="checkbox"/> Heated <input checked="" type="checkbox"/> Unheated		Site Elevation: 350 m (1150ft) Above Sea Level		
4	Certification: CSA or ULC		Electrical Classification: None		
5	<input checked="" type="checkbox"/> Winterization Required <input type="checkbox"/> Tropicalization Required		Seismicity: See Site Design Conditions Design Criteria		
6	Environment: <input type="checkbox"/> Toxic <input checked="" type="checkbox"/> Dusty <input type="checkbox"/> Corrosive <input type="checkbox"/> Flammable		Operation: <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent		
7	Operating schedule: ( hr/day )    24    Days/Year		336		No. Starts per Hour: N/A    No. Starts per Day: N/A
8					
<b>PROCESS OPERATING PARAMETERS</b>					
9					
10	Description: Gold Mine Ore Crushing		Max. Noise Level (dBa) at 1.0 m, 85 dBa		
11	Ore Moisture Content: 3%				
12	Ore Material Specific Gravity: 2.85 t/m <sup>3</sup>				
13	Volume Flow Rate	L/s (ACFM)	L/s (3,050)	Dust Distribution: 50% in 2-7 microns particle range	
14	Min. Design Temp. (Ambient Condition) °C (°F)		-33 (-27.4)		Inlet Dust Load g/m <sup>3</sup> (grains/dry ft <sup>3</sup> ): 12 g/m <sup>3</sup> (5.25 grains/ft <sup>3</sup> )
15	Max. Design Temp. (Ambient Condition) °C (°F)		29 (84.2)		Outlet Dust Load g/m <sup>3</sup> (grains/dry ft <sup>3</sup> ): 16 mg/m <sup>3</sup> (0.007 grains/ft <sup>3</sup> )
<b>INFORMATION REQUIRED WITH BIDS</b>					
		<b>SPECIFIED BY AMEC</b>		<b>AS SUPPLIED BY VENDOR</b>	
<b>General</b>					
18	Manufacturer		By Vendor		Donaldson / Torit
19	Make / Model Number		By Vendor		CPV-12
20	Paint / Finish		By Vendor		vendor standard 2,000 hour finish
<b>Housing Section</b>					
22	Housing Material		By Vendor		Carbon Steel
23	Housing Material Thickness		By Vendor		12 gauge
24	Access Doors		By Vendor		Top Access doors
25	Lifting Lugs		By Vendor		Yes
26	Filter / Fan Access Platform		By Vendor		fan mounts directly to side, bin vent configuration
<b>Hopper Section</b>					
27	Hopper Material		CS		N/A- bin vent
28	Hopper Material Thickness		10 Ga		N/A- bin vent
29	Hopper Slope		60°		N/A- bin vent
30	Hopper Access Doors		Required		N/A- bin vent
31	Mounting Legs		Required		N/A- bin vent
32	Hopper Dimensions L x W x H		By Vendor		N/A- bin vent
<b>Fan</b>					
33	Flow Rate	L/s (ACFM)	1,440 (3,050)	5185 M3/m (3050 CFM)	
34	External Static Pressure (ESP)	Pa (in.wg.)	750 (3.0)	249 (1)	
35	Total Static Pressure (TSP)	Pa (in.wg.)	By Vendor	1497 (6")	
36	Manufacturer		By Vendor		New York Blower
37	Make / Model Number		By Vendor		G1 size 224
38	Type / Arrangement		By Vendor		4V
39	Material		By Vendor		Carbon Steel
40	Class		By Vendor		4
41	Fan Wheel Diameter / Type of Blades		By Vendor		Radial
42	Drive Type		V-Belt / Direct Drive		Direct Drive
43	Fan BHP at Operating Point		By Vendor		3.53 KW
44	Fan Efficiency %		By Vendor		56.4%
45	Outlet Velocity m/s (ft/s)		By Vendor		4034 FPM
46	Fan Speed m/s (ft/s)		By Vendor		1750 RPM
47	Equipment Noise Level dBa		85 dBa @ 1.0 m (3ft)		less than 85 dBa w/ silencer
48	Fan Silencer if required		By Vendor		Yes
49	Bearings L10 Rating, > 100,000 hr		Required		N/A- direct drive
50	Guards		OSHA		N/A- direct drive
51	Extended SS Lube Lines		Required		N/A- direct drive
<b>Fan Motor</b>					
52	Electrical Service		575/3/60		575/3/60
53	Manufacturer		By Vendor		TECO
54	Motor Type		Premium Efficiency IEEE 841		Yes
55	Fan Motor Size and Speed, kW (HP), RPM		By Vendor		5.5 KW (7.5 HP) 1755 RPM
56	Completed Motor Nameplate Data		Required		OK
57	Fan and Motor Weight kg (lbs)		By Vendor		204 Kgs (450 lbs)
<b>Filter Section</b>					
58	Number of Bags / Cartridges Qty.		By Vendor		12
59	Total Filter Area m <sup>2</sup> (ft <sup>2</sup> )		By Vendor		245 M (804)
60	Air to Cloth Ratio		By Vendor		3.79
61	Filter Media Type		By Vendor		PowerCore Spunbond

Data Sheet

Title	<b>DUST COLLECTION BAGHOUSE</b>			Proj Doc No.	100126-3140-DE40-DAT-0501	
Proj Name	Rainy River Gold Project			AMEC Doc. No.	N/A	
Client	Newgold Rainy River Resources Ltd.			Proj No.	100126	Rev: C
Supplier	AWBS No.			Plant/Area No 3140.	Pkg No.	
Tag No(s).	3140-BH-0010 & 3140-FA-0104					Qty: 1
Item Desc	Apron Feeder No. 1 Dust Collector and Apron Feeder No. 1 Dust Collector Exhaust Fan					
67	Overall Efficiency		99.9 % @ 1 micron		Yes	
68	Filter Pressure Drop	Pa (in.wg.)	By Vendor		4-5" wg	
69	Housing Material and Thickness		By Vendor		12 guage	
70	Auto Cleaning Mechanism Assembly		Pulse-Jet		Pulse Jet	
71						
72	<b>Compressed Air</b>					
73	Compressed Air Pressure	kPa (PSIG)	By Vendor		90-100	
74	Compressed Air Consumption	Sm <sup>3</sup> /hr (SCFM)	By Vendor		34 Sm <sup>3</sup> /hr (20 SCFM)	
75	<b>Air Lock Section</b>					
76	Manufacturer		By Vendor		N/A- bin vent	
77	Size		By Vendor		N/A- bin vent	
78	Model Number		By Vendor		N/A- bin vent	
79	Motor and Drive		By Vendor		N/A- bin vent	
80	Motor Size, kW (HP), RPM, V/Ph/Hz		By Vendor		N/A- bin vent	
81	Motor Type		Premium Efficiency IIEEE 841		N/A- bin vent	
82						
83	<b>Electrical and Controls</b>					
84	Power Supply		575/3/60		yes	
85	Control Voltage		120 Volt		yes	
86	Main Starters and Disconnects		By Owner			
87	Control Panel		NEMA 4		yes	
88	Control Circuit Transformer		By Vendor		yes	
89	Control Circuit Fuses		By Vendor		yes	
90	Control Relays		By Vendor		yes	
91	Pressure Sensors		By Vendor		yes	
92	LED Lights		By Vendor		yes	
93	Timers		By Vendor		yes	
94	Dry Contact (Unit Status suitable for Plant PCS Connection)		By Vendor		yes	
95	Dry Contact (Common Alarm suitable for Plant PCS Connection)		By Vendor		yes	
96	One Dry Contact (Connection to Fire Alarm and Unit Shutdown)		By Vendor		yes	
97	<b>Shipping Data</b>					
98	Overall Dimensions (L x W x H)	m (ft)	By Vendor		261.5x3236.5x11160.7 (128.47x128.22x86.21)	
99	Overall Weight	kg (lbs)	By Vendor		659Kgs (1452 lbs)	
100	Largest Section (L x W x H)	m (ft)	By Vendor		1116x741.7x998.7 (44x30x40)	
101	Largest Section Weight	kg (lbs)	By Vendor		585Kgs (1290 lbs)	
102	Winterization Required		By Vendor		Outdoor Storage with tarp is sufficient	
103						
<b>Notes</b>						
1 Bidders must duly complete the "As Supplied by Vendor" column, even if spec. is met. Please indicate meeting spec by "OK".						
2 Bidders not meeting specifications are strongly encouraged to bid and indicate proposed deviation from spec in "Vendor" column.						
3 Equipment must comply with Engineering Specification 100126-3200-DE40-SPE-0007						
Unless otherwise agreed in a written contract between AMEC and its client: (i) this AMEC document contains information, data and design that is confidential and may not be copied or disclosed; and (ii) this document may only be used by the client in the context and for the express purpose for which it has been delivered. Any other use or reliance on this document by any third party is at that party's sole risk and responsibility.						
Rev	Date	Revision/Issue Description	Prepared	Checked	Approved	Client
A	11 Jul 2014	Issued for Squad Check	DT		DT	
B	25 Aug 2014	Issued for Client Approval	DT	SC	GC	
C	25 Sep 2014	Issued for Tender	FZ	SD	GC	
	11 Mar 2015	Issued for PD				

FORM

TITLE:	<b>SUPPLIER DOCUMENT FRONT SHEET</b>	DOC. NO.:	DOC-FOR-000037 Rev. 1
PROJECT NAME:	<b>Rainy River</b>	PROJECT NO.:	<b>100126</b>

**Energy Technology Products**

Company Name

**100126-PJ090**

PO/Contract Number

**Apron Feeder No. 2 and Fan Data Sheet**

Package/Contract Description

**Apron Feeder No. 2 Dust Collector and Exhaust Fan Equipment Data Sheet**

Document Title

<b>3</b>	<b>23-Apr-15</b>	<b>Hetty Bolt</b>	<b>H Bolt</b>
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Total Number of Pages  
(Including Front Sheet)

Submission Date

Submitted By - Print Name

Supplier Approval - Signature

<b>3140-BH-0011</b>	<b>3140-FA-0105</b>	

Secondary SDDRL Code(s)


<b>VDN 21</b>	<b>3</b>
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Supplier/Contractor Document Number

Supplier Rev.

<b>100126-PJ090-D02-0003.001</b>	<b>003</b>
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AMEC Project Document No.

AMEC Issue No.

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- 3. REVISE AND RESUBMIT - WORK MAY NOT PROCEED
- 4. REVIEW NOT REQUIRED - FOR INFORMATION ONLY

*[Handwritten Signature]*

AMEC Signature

*28 APR 2015*

Date



Data Sheet

Title	<b>DUST COLLECTION BAGHOUSE</b>		Proj Doc No.	100126-3140-DE40-DAT-0502	
Proj Name	Rainy River Gold Project		AMEC Doc. No.	N/A	
Client	Newgold Rainy River Resources Ltd.		Proj No.	100126	Rev: C
Supplier	AWBS No.		Plant/Area No 3140.	Pkg No.	
Tag No(s).	3140-BH-0011 & 3140-FA-0105			Qty:	1
Item Desc	Apron Feeder No.2 Dust Collector and Apron Feeder No.2 Dust Collector Exhaust Fan				
1	<b>DESIGN DATA</b>				
2	<b>LOCATION, SITE AND OPERATING CONDITIONS</b>				
3	<input checked="" type="checkbox"/> Indoor <input type="checkbox"/> Outdoor <input type="checkbox"/> Heated <input checked="" type="checkbox"/> Unheated		Site Elevation: 350 m (1150ft) Above Sea Level		
4	Certification: CSA or ULC		Electrical Classification: None		
5	<input checked="" type="checkbox"/> Winterization Required <input type="checkbox"/> Tropicalization Required		Seismicity: See Site Design Conditions Design Criteria		
6	Environment: <input type="checkbox"/> Toxic <input checked="" type="checkbox"/> Dusty <input type="checkbox"/> Corrosive <input type="checkbox"/> Flammable		Operation: <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent		
7	Operating schedule: ( hr/day )   24   Days/Year		336		No. Starts per Hour: N/A   No. Starts per Day: N/A
8					
9	<b>PROCESS OPERATING PARAMETERS</b>				
10	Description: Gold Mine Ore Crushing		Max. Noise Level (dBa) at 1.0 m, 85 dBa		
11	Ore Moisture Content: 3%				
12	Ore Material Specific Gravity: 2.85 t/m³				
13	Volume Flow Rate	L/s (ACFM)	1,440 (3,050)	Dust Distribution: 50% in 2-7 microns particle range	
14	Min. Design Temp. (Ambient Condition) °C (°F)		-33 (-27.4)		
15	Max. Design Temp. (Ambient Condition) °C (°F)		29 (84.2)		
16	<b>INFORMATION REQUIRED WITH BIDS</b>				
17		<b>SPECIFIED BY AMEC</b>		<b>AS SUPPLIED BY VENDOR</b>	
18	<b>General</b>				
19	Manufacturer	By Vendor		Donaldson / Torit	
20	Make / Model Number	By Vendor		CPV-12	
21	Paint / Finish	By Vendor		vendor standard 2,000 hour finish	
22	<b>Housing Section</b>				
23	Housing Material	By Vendor		Carbon Steel	
24	Housing Material Thickness	By Vendor		12 gauge	
25	Access Doors	By Vendor		Top Access doors	
26	Lifting Lugs	By Vendor		Yes	
27	Filter / Fan Access Platform	By Vendor		fan mounts directly to side, bin vent configuration	
28	<b>Hopper Section</b>				
29	Hopper Material	CS		N/A- bin vent	
30	Hopper Material Thickness	10 Ga		N/A- bin vent	
31	Hopper Slope	60°		N/A- bin vent	
32	Hopper Access Doors	Required		N/A- bin vent	
33	Mounting Legs	Required		N/A- bin vent	
34	Hopper Dimensions L x W x H	By Vendor		N/A- bin vent	
35	<b>Fan</b>				
36	Flow Rate	L/s (ACFM)	1,440 (3,050)	5185 M3/m (3050 ACFM)	
37	External Static Pressure (ESP)	Pa (in.wg.)	750 (3.0)	249 (1)	
38	Total Static Pressure (TSP)	Pa (in.wg.)	By Vendor	1497 (6")	
39	Manufacturer	By Vendor		New York Blower	
40	Make / Model Number	By Vendor		GI size 224	
41	Type / Arrangement	By Vendor		4V	
42	Material	By Vendor		Carbon Steel	
43	Class	By Vendor		4	
44	Fan Wheel Diameter / Type of Blades	By Vendor		Radial	
45	Drive Type	V-Belt / Direct Drive		Direct Drive	
46	Fan BHP at Operating Point	By Vendor		3.53 KW	
47	Fan Efficiency	%	By Vendor	56.4%	
48	Outlet Velocity	m/s (ft/s)	By Vendor	4034 FPM	
49	Fan Speed	m/s (ft/s)	By Vendor	1750 RPM	
50	Equipment Noise Level	dBa	85 dBa @ 1.0 m (3ft)	less than 85 dBa w/ silencer	
51	Fan Silencer if required	By Vendor		Yes	
52	Bearings L10 Rating, > 100,000 hr	Required		N/A- direct drive	
53	Guards	OSHA		N/A- direct drive	
54	Extended SS Lube Lines	Required		N/A- direct drive	
55	<b>Fan Motor</b>				
56	Electrical Service	575/3/60		575/3/60	
57	Manufacturer	By Vendor		TECO	
58	Motor Type	Premium Efficiency IEEE 841		Yes	
59	Fan Motor Size and Speed, kW (HP), RPM	By Vendor		5.5 KW (7.5 HP) 1755 RPM	
60	Completed Motor Nameplate Data	Required		OK	
61	Fan and Motor Weight	kg (lbs)	By Vendor	204 Kgs (450 lbs)	
62	<b>Filter Section</b>				
63	Number of Bags / Cartridges	Qty.	By Vendor	12	
64	Total Filter Area	m² (ft²)	By Vendor	245M (804)	
65	Air to Cloth Ratio	By Vendor		3.79	
66	Filter Media Type	By Vendor		PowerCore Spunbond	

Data Sheet

Title	<b>DUST COLLECTION BAGHOUSE</b>			Proj Doc No.	100126-3140-DE40-DAT-0502	
Proj Name	Rainy River Gold Project			AMEC Doc. No.	N/A	
Client	Newgold Rainy River Resources Ltd.			Proj No.	100126	Rev: C
Supplier	AWBS No.			Plant/Area No 3140.	Pkg No.	
Tag No(s).	3140-BH-0011 & 3140-FA-0105					Qty: 1
Item Desc	Apron Feeder No.2 Dust Collector and Apron Feeder No.2 Dust Collector Exhaust Fan					
67	Overall Efficiency			99.9% @ 1 micron		Yes
68	Filter Pressure Drop	Pa (in.wg.)		By Vendor		4-5" wg
69	Housing Material and Thickness			By Vendor		12 guage
70	Auto Cleaning Mechanism Assembly			Pulse-Jet		Pulse Jet
71						
72	<b>Compressed Air</b>					
73	Compressed Air Pressure	kPa (PSIG)		By Vendor		90-100
74	Compressed Air Consumption	Sm³/hr (SCFM)		By Vendor		34 Sm³/hr (20 SCFM)
75	<b>Air Lock Section</b>					
76	Manufacturer			By Vendor		N/A- bin vent
77	Size			By Vendor		N/A- bin vent
78	Model Number			By Vendor		N/A- bin vent
79	Motor and Drive			By Vendor		N/A- bin vent
80	Motor Size, kW (HP), RPM, V/Ph/Hz			By Vendor		N/A- bin vent
81	Motor Type			Premium Efficiency IEE 841		N/A- bin vent
82						
83	<b>Electrical and Controls</b>					
84	Power Supply			575/3/60		yes
85	Control Voltage			120 Volt		yes
86	Main Starters and Disconnects			By Owner		
87	Control Panel			NEMA 4		yes
88	Control Circuit Transformer			By Vendor		yes
89	Control Circuit Fuses			By Vendor		yes
90	Control Relays			By Vendor		yes
91	Pressure Sensors			By Vendor		yes
92	LED Lights			By Vendor		yes
93	Timers			By Vendor		yes
94	Dry Contact (Unit Status suitable for Plant PCS Connection)			By Vendor		yes
95	Dry Contact (Common Alarm suitable for Plant PCS Connection)			By Vendor		yes
96	One Dry Contact (Connection to Fire Alarm and Unit Shutdown)			By Vendor		yes
97	<b>Shipping Data</b>					
98	Overall Dimensions (L x W x H)	m (Ft)		By Vendor		261.5x3236.5x11160.7 (128.47x128.22x86.21)
99	Overall Weight	kg (lbs)		By Vendor		659Kgs (1452 lbs)
100	Largest Section (L x W x H)	m (Ft)		By Vendor		1116x741.7x998.7 (44x30x40)
101	Largest Section Weight	kg (lbs)		By Vendor		585Kgs (1290 lbs)
102	Winterization Required			By Vendor		Outdoor storage with tarp is sufficient
103						
<b>Notes</b>						
1 Bidders must duly complete the "As Supplied by Vendor" column, even if spec. is met. Please indicate meeting spec by "OK".						
2 Bidders not meeting specifications are strongly encouraged to bid and indicate proposed deviation from spec in "Vendor" column.						
3 Equipment must comply with Engineering Specification 100126-3200-DE40-SPE-0007						
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Rev	Date	Revision/Issue Description	Prepared	Checked	Approved	Client
A	11 Jul 2014	Issued for Squad Check	DT		DT	
B	25 Aug 2014	Issued for Client Approval	DT	SC	GC	
C	25 Sep 2014	issued for Tender	FZ	SD	GC	



FORM

TITLE:	<b>SUPPLIER DOCUMENT FRONT SHEET</b>	DOC. NO.:	DOC-FOR-000037 Rev. 1
PROJECT NAME:	<b>Rainy River</b>	PROJECT NO.:	<b>100126</b>

**Energy Technology Products**  
Company Name

**100126-PJ090**  
PO/Contract Number

**Apron Feeder No. 3 and Fan Data Sheet**  
Package/Contract Description

**Apron Feeder No. 3 Dust Collector and Exhaust Fan Equipment Data Sheet**

Document Title

<b>3</b>	<b>23-Apr-15</b>	<b>Hetty Bolt</b>	<b>H Bolt</b>
Total Number of Pages (Including Front Sheet)	Submission Date	Submitted By - Print Name	Supplier Approval - Signature

<b>3140-BH-0012</b>	<b>3140-FA-0106</b>	

Secondary SDDRL Code(s)


**VDN 22**      **3**  
Supplier/Contractor Document Number      Supplier Rev.

**100126-PJ090-D02-0004.001**      **003**  
AMEC Project Document No.      AMEC Issue No.

Note: This FRONT SHEET is to be used for all non-drawing documents and if the drawing does not have sufficient space for an electronic decal

**Project Review:**

Permission to proceed does not constitute acceptance of design, calculations, test methods or materials developed or selected by Seller and does not relieve Seller from full compliance with contractual or other obligations.

- 1. REVIEWED - NO COMMENT
- 2. REVISE AND RESUBMIT - WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS
- 3. REVISE AND RESUBMIT - WORK MAY NOT PROCEED
- 4. REVIEW NOT REQUIRED - FOR INFORMATION ONLY

  
AMEC Signature

**28 APR 2015**  
Date

# Data Sheet

Title	<b>DUST COLLECTION BAGHOUSE</b>		Proj Doc No.	100126-3140-DE40-DAT-0503	
Proj Name	Rainy River Gold Project		AMEC Doc. No.	N/A	
Client	Newgold Rainy River Resources Ltd.		Proj No.	100126	Rev: C
Supplier	AWBS No.		Plant/Area No 3140.	Pkg No.	
Tag No(s).	3140-BH-0012 & 3140-FA-0106			Qty:	1
Item Desc	Apron Feeder No.3 Dust Collector and Apron Feeder No.3 Dust Collector Exhaust Fan				
<b>DESIGN DATA</b>					
<b>LOCATION, SITE AND OPERATING CONDITIONS</b>					
1					
2					
3	<input checked="" type="checkbox"/> Indoor <input type="checkbox"/> Outdoor <input type="checkbox"/> Heated <input checked="" type="checkbox"/> Unheated		Site Elevation: 350 m (1150ft) Above Sea Level		
4	Certification: CSA or ULC		Electrical Classification: None		
5	<input checked="" type="checkbox"/> Winterization Required <input type="checkbox"/> Tropicalization Required		Seismicity: See Site Design Conditions Design Criteria		
6	Environment: <input type="checkbox"/> Toxic <input checked="" type="checkbox"/> Dusty <input type="checkbox"/> Corrosive <input type="checkbox"/> Flammable		Operation: <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent		
7	Operating schedule: ( hr/day )   24   Days/Year		336	No. Starts per Hour: N/A	No. Starts per Day: N/A
8					
<b>PROCESS OPERATING PARAMETERS</b>					
9					
10	Description: Gold Mine Ore Crushing		Max. Noise Level (dBA) at 1.0 m, 85 dBA		
11	Ore Moisture Content: 3%				
12	Ore Material Specific Gravity: 2.85 t/m <sup>3</sup>				
13	Volume Flow Rate	L/s (ACFM)	1,440 (3,050)	Dust Distribution: 50% in 2-7 microns particle range	
14	Min. Design Temp. (Ambient Condition) °C (°F)		-33(-27.4)	Inlet Dust Load g/m <sup>3</sup> (grains/dry ft <sup>3</sup> ): 12 g/m <sup>3</sup> (5.25 grains/ft <sup>3</sup> )	
15	Max. Design Temp. (Ambient Condition) °C (°F)		29 (84.2)	Outlet Dust Load g/m <sup>3</sup> (grains/dry ft <sup>3</sup> ): 16 mg/m <sup>3</sup> (0.007 grains/ft <sup>3</sup> )	
<b>INFORMATION REQUIRED WITH BIDS</b>					
		<b>SPECIFIED BY AMEC</b>		<b>AS SUPPLIED BY VENDOR</b>	
17					
18	<b>General</b>				
19	Manufacturer	By Vendor		Donaldson / Torit	
20	Make / Model Number	By Vendor		CPV-12	
21	Paint / Finish	By Vendor		vendor standard 2,000 hour finish	
22	<b>Housing Section</b>				
23	Housing Material	By Vendor		Carbon Steel	
24	Housing Material Thickness	By Vendor		12 gauge	
25	Access Doors	By Vendor		Top Acces doors	
26	Lifting Lugs	By Vendor		Yes	
27	Filter / Fan Access Platform	By Vendor		fan mounts directly to side, bin vent configuration	
28	<b>Hopper Section</b>				
29	Hopper Material	CS		N/A- bin vent	
30	Hopper Material Thickness	10 Ga		N/A- bin vent	
31	Hopper Slope	60°		N/A- bin vent	
32	Hopper Access Doors	Required		N/A- bin vent	
33	Mounting Legs	Required		N/A- bin vent	
34	Hopper Dimensions L x W x H	By Vendor		N/A- bin vent	
35	<b>Fan</b>				
36	Flow Rate	L/s (ACFM)	1,440 (3,050)	3050 CFM (5185 M 3/m)	
37	External Static Pressure (ESP)	Pa (in.wg.)	750 (3.0)	249 (1)	
38	Total Static Pressure (TSP)	Pa (in.wg.)	By Vendor	1497 (6")	
39	Manufacturer	By Vendor		New York Blower	
40	Make / Model Number	By Vendor		G1 size 224	
41	Type / Arrangement	By Vendor		4V	
42	Material	By Vendor		Carbon Steel	
43	Class	By Vendor		4	
44	Fan Wheel Diameter / Type of Blades	By Vendor		Radial	
45	Drive Type	V-Belt / Direct Drive		Direct Drive	
46	Fan BHP at Operating Point	By Vendor		3.53 kW	
47	Fan Efficiency	%	By Vendor	56.4%	
48	Outlet Velocity	m/s (ft/s)	By Vendor	4034 FPM	
49	Fan Speed	m/s (ft/s)	By Vendor	1750 RPM	
50	Equipment Noise Level	dBa	85 dBa @ 1.0 m (4ft)	less than 85 dBA w/ silencer	
51	Fan Silencer if required	By Vendor		Yes	
52	Bearings L10 Rating, > 100,000 hr	Required		N/A- direct drive	
53	Guards	OSHA		N/A- direct drive	
54	Extended SS Lube Lines	Required		N/A- direct drive	
55	<b>Fan Motor</b>				
56	Electrical Service	575/3/60		575/3/60	
57	Manufacturer	By Vendor		TECO	
58	Motor Type	Premium Efficiency IEEE 841		Yes	
59	Fan Motor Size and Speed, kW (HP), RPM	By Vendor		5.5Kw (7.5 HP) 1755 RPM	
60	Completed Motor Nameplate Data	Required		OK	
61	Fan and Motor Weight	kg (lbs)	By Vendor	450 lbs (204 Kg)	
62	<b>Filter Section</b>				
63	Number of Bags / Cartridges	Qty.	By Vendor	12	
64	Total Filter Area	m <sup>2</sup> (ft <sup>2</sup> )	By Vendor	245m (804ft)	
65	Air to Cloth Ratio	By Vendor		3.79	
66	Filter Media Type	By Vendor		PowerCore Spunbond	

Data Sheet

Title	<b>DUST COLLECTION BAGHOUSE</b>			Proj Doc No.	100126-3140-DE40-DAT-0503	
Proj Name	Rainy River Gold Project			AMEC Doc. No.	N/A	
Client	Newgold Rainy River Resources Ltd.			Proj No.	100126	Rev: C
Supplier	AWBS No.			Plant/Area No 3140.	Pkg No.	
Tag No(s).	3140-BH-0012 & 3140-FA-0106					Qty: 1
Item Desc	Apron Feeder No.3 Dust Collector and Apron Feeder No.3 Dust Collector Exhaust Fan					
67	Overall Efficiency		99.9 % @ 1 micron		Yes	
68	Filter Pressure Drop	Pa (in.wg.)	By Vendor		4-5" wg	
69	Housing Material and Thickness		By Vendor		12 guage	
70	Auto Cleaning Mechanism Assembly		Pulse-Jet		Pulse Jet	
71						
72	<b>Compressed Air</b>					
73	Compressed Air Pressure	kPa (PSIG)	By Vendor		90-100	
74	Compressed Air Consumption	Sm <sup>3</sup> /hr (SCFM)	By Vendor		34 Sm <sup>3</sup> /hr (20 SCFM)	
75	<b>Air Lock Section</b>					
76	Manufacturer		By Vendor		N/A- bin vent	
77	Size		By Vendor		N/A- bin vent	
78	Model Number		By Vendor		N/A- bin vent	
79	Motor and Drive		By Vendor		N/A- bin vent	
80	Motor Size, kW (HP), RPM, V/Ph/Hz		By Vendor		N/A- bin vent	
81	Motor Type		Premium Efficiency IEE 841		N/A- bin vent	
82						
83	<b>Electrical and Controls</b>					
84	Power Supply		575/3/60		yes	
85	Control Voltage		120 Volt		yes	
86	Main Starters and Disconnects		By Owner			
87	Control Panel		NEMA 4		yes	
88	Control Circuit Transformer		By Vendor		yes	
89	Control Circuit Fuses		By Vendor		yes	
90	Control Relays		By Vendor		yes	
91	Pressure Sensors		By Vendor		yes	
92	LED Lights		By Vendor		yes	
93	Timers		By Vendor		yes	
94	Dry Contact (Unit Status suitable for Plant PCS Connection)		By Vendor		yes	
95	Dry Contact (Common Alarm suitable for Plant PCS Connection)		By Vendor		yes	
96	One Dry Contact (Connection to Fire Alarm and Unit Shutdown)		By Vendor		yes	
97	<b>Shipping Data</b>					
98	Overall Dimensions (L x W x H)	m (Ft)	By Vendor		261.5x3236.5x11160.7 (128.47x128.22x86.21)	
99	Overall Weight	kg (lbs)	By Vendor		659Kgs (1452 lbs)	
100	Largest Section (L x W x H)	m (Ft)	By Vendor		1116x741.7x998.7 (44x30x40)	
101	Largest Section Weight	kg (lbs)	By Vendor		585Kgs (1290 lbs)	
102	Winterization Required		By Vendor		Outdoor storage with tarp is sufficient	
103						
<b>Notes</b>						
1 Bidders must duly complete the "As Supplied by Vendor" column, even if spec. is met. Please indicate meeting spec by "OK".						
2 Bidders not meeting specifications are strongly encouraged to bid and indicate proposed deviation from spec in "Vendor" column.						
3 Equipment must comply with Engineering Specification 100126-3200-DE40-SPE-0007						
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Rev	Date	Revision/Issue Description	Prepared	Checked	Approved	Client
A	11 Jul 2014	Issued for Squad Check	DT		DT	
B	25 Aug 2014	Issued for Client Approval	DT	SC	GC	
C	25 Sep 2014	issued for Tender	FZ	SD	GC	
	Mar 2015	for PC				

FORM

TITLE:	<b>SUPPLIER DOCUMENT FRONT SHEET</b>	DOC. NO.:	DOC-FOR-000037 Rev. 1
PROJECT NAME:	<b>Rainy River</b>	PROJECT NO.:	<b>100126</b>

**Energy Technology Products**

Company Name

**100126-PJ090**

PO/Contract Number

**Wet Scrubber DC and Fan Data Sheet**

Package/Contract Description

**Wet Scrubber Dust Collector and Exhaust Fan Equipment Data Sheet**

Document Title

<b>3</b>	<b>23-Apr-15</b>	<b>Hetty Bolt</b>	<b>H Bolt</b>
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Total Number of Pages  
(Including Front Sheet)

Submission Date

Submitted By - Print Name

Supplier Approval - Signature

<b>3220-BH-0020</b>	<b>3220-FA-0021</b>	

Secondary SDDRL Code(s)


<b>VDN 23</b>	<b>4</b>
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Supplier/Contractor Document Number

Supplier Rev.

<b>100126-PJ090-D02-0005.001</b>	<b>004</b>
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AMEC Project Document No.

AMEC Issue No.

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**Project Review:**

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- 1. REVIEWED - NO COMMENT
- 2. REVISE AND RESUBMIT - WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS
- 3. REVISE AND RESUBMIT - WORK MAY NOT PROCEED
- 4. REVIEW NOT REQUIRED - FOR INFORMATION ONLY

  
AMEC Signature

**28 APR 2015**  
Date

# Data Sheet

Title	<b>WET SCRUBBER</b>			Proj Doc No.	100126-3220-DE40-DAT-0600	
Proj Name	Rainy River Gold Project			AMEC Doc. No.	N/A	
Client	Newgold Rainy River Resources Ltd.			Proj No.	100126	Rev: C
Supplier	AWBS No.			Plant/Area No 3140.	Pkg No.	
Tag No(s).	3220-BH-0020 & 3220-FA-0021					Qty: 1
Item Desc	Pebble Crusher Wet Scrubber and Pebble Crusher Wet Scrubber Exhaust Fan					
1	<b>DESIGN DATA</b>					
2	<b>LOCATION, SITE AND OPERATING CONDITIONS</b>					
3	<input checked="" type="checkbox"/> Indoor <input type="checkbox"/> Outdoor <input checked="" type="checkbox"/> Heated <input type="checkbox"/> Unheated			Site Elevation: 350 m (1150ft) Above Sea Level		
4	Certification: CSA or ULC			Electrical Classification: None		
5	<input type="checkbox"/> Winterization Required <input type="checkbox"/> Tropicalization Required			Seismicity: See Site Design Conditions Design Criteria		
6	Environment: <input type="checkbox"/> Toxic <input checked="" type="checkbox"/> Dusty <input type="checkbox"/> Corrosive <input type="checkbox"/> Flammable			Operation: <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent		
7	Operating schedule: ( hr/day )     24  Days/Year			336	No. Starts per Hour: N/A	No. Starts per Day: N/A
8						
9	<b>PROCESS OPERATING PARAMETERS</b>					
10	Description: Gold Mine Ore Crushing			Max. Noise Level (dBa) at 1.0 m, 85 dBa		
11	Ore Moisture Content: 3%					
12	Ore Material Specific Gravity: 2.85 t/m <sup>3</sup>					
13	Volume Flow Rate	L/s (ACFM)	6,186 (13,100)	Dust Distribution: 50% in 2-7 microns particle range		
14	Min. Design Temp. (Ambient Condition) °C (°F)			10 (50)	Inlet Dust Load g/m <sup>3</sup> (grains/dry ft <sup>3</sup> ): 12 g/m <sup>3</sup> (5.25 grains/ft <sup>3</sup> )	
15	Max. Design Temp. (Ambient Condition) °C (°F)			35 (95)	Outlet Dust Load g/m <sup>3</sup> (grains/dry ft <sup>3</sup> ): 16 mg/m <sup>3</sup> (0.007 grains/ft <sup>3</sup> )	
16	<b>INFORMATION REQUIRED WITH BIDS</b>					
17		<b>SPECIFIED BY AMEC</b>		<b>AS SUPPLIED BY VENDOR</b>		
18	<b>Service</b>	Pebble Crusher				
19	<b>Wet Scrubber</b>					
20	Type	Dynamic Scrubber		Adjustable Venturi		
21	Manufacturer	By Vendor		Fisher-Klosterman		
22	Make / Model Number	By Vendor		MS-500M		
23	Overall Efficiency	%	99.9% @ a micron; Approx. 16 mg/cum(0.007 grains/cu ft)	See Proposal for fractional efficiency		
24	<b>Scrubber Data</b>					
25	Airflow Rate	L/s (ACFM)	6,186 (13,100)	OK		
26	Spray Liquid Media	Process Water		OK		
27	Spray Liquid Flow Rate	m <sup>3</sup> /h (gpm)	By Vendor	78 GPM		
28	Spray Liquid Pressure Required	kPa (psig)	By Vendor	40-60 PSIG		
29	Liquid Pressure Drop	kPa (ft)	By Vendor	TBD		
30	Re-circulating Liquid Permitted	%	By Vendor	2		
31	Liquid Make-up Rate	m <sup>3</sup> /h (gpm)	By Vendor	0.6 GPM EVAPORATION		
32	<b>Scrubber Construction</b>					
33	Paint / Finish	By Vendor		One coat Rust-Oleum Epoxy Mastic 9182		
34	Casing Material and Thickness	Carbon Steel, Min. 3.42mm (10Ga)		OK		
35	Scrubbing Vane Type / Material	By Vendor		HRS		
36	Demist Section	By Vendor		HRS		
37	Demist Efficiency	%	By Vendor	NA		
38	Flanges	ANSI		WATER FLANGES, GAS FLANGES PLATE		
39	Spray Liquid Nozzel Type / Material	By Vendor / 316L SS		BETE 120 DEGREE NOZZLES		
40	Spray Manifold Type / Material	By Vendor / 316L SS		SCH 40 CS, EXTERIOR TO UNIT		
41	Inlet / Outlet Piping Material	316L SS		SCH 40 CS		
42	Air Inlet Dimensions	mm (ins.)	By Vendor	30 IN. X 12-1/2 IN.		
43	Slurry Inlet / Outlet Dimensions	mm (ins.)	By Vendor	TBD		
44	Est.d Slurry Suspended Solid Particles	%	By Vendor	NA		
45	Slurry Overflow Dimension	mm (ins.)	By Vendor	TBD		
46	Liquid Inlet Dimension	mm (ins.)	By Vendor	TBD		
	Support (Bracket only welded to unit)	By Vendor		OK		
50	<b>Fan Section</b>					
51	Air Flow Rate	L/s (ACFM)	6,186 (13,100)	22270 M3/m (13,100 ACFM)		
52	External Static Pressure (ESP)	Pa (inch. W.G.)	1250 (5.0)	INCLUDED 6"DP FOR SCRUBBER		
53	Total Static Pressure (TSP)	Pa (inch. W.G.)	By Vendor	11"WG		
54	Manufacturer	By Vendor		NEW YORK BLOWER		
55	Make / Model Number	By Vendor		RTS SIZE 308		
56	Integral Wetted Fan	By Vendor		NO		
57	Type / Arrangement	By Vendor		ARRANGEMENT 1		
58	Material	By Vendor		HRS		
59	Class	By Vendor		TO FOLLOW		
60	Fan Wheel Diameter / Type of Blades	By Vendor		30"		
61	Drive Type	V-Belt		V-BELT		
62	Fan BHP at Operating Point	By Vendor		33.6		
63	Fan Efficiency	%	By Vendor	72.69%		
64	Outlet Velocity	m/s (ft/s)	By Vendor	3900 FPM		
65	Fan Speed	m/s (ft/s)	By Vendor	1835 RPM		
66	Equipment Noise Level	dBa	85 dBa @1.0 m (3ft)	less than 85 dBa w/ silencer		
67	Fan Silencer if required	By Vendor		yes		





FORM



TITLE:	<b>SUPPLIER DOCUMENT FRONT SHEET</b>	DOC. NO.:	DOC-FOR-000037 Rev. 1
PROJECT NAME:		PROJECT NO.:	

**Hayward Gordon**  
Company Name

**100126-PJ270**  
PO/Contract Number

**Reagent Systems**  
Package/Contract Description

**Fan Data Sheets**

Document Title

<b>2</b>	<b>04-Mar-16</b>	<b>Annelly Portillo</b>	<b>AP</b>
Total Number of Pages (Including Front Sheet)	Submission Date	Submitted By - Print Name	Supplier Approval - Signature

Equipment Tag Number(s)

<b>3270-FA-0040</b>		

Secondary SDDRL Code(s)


	<b>02</b>
Supplier/Contractor Document Number	Supplier Rev.

<b>100126-PJ270-D02-0001 .001</b>	<b>03</b>
AMEC Project Document No.	AMEC Issue No.

Note: This FRONT SHEET is to be used for all non-drawing documents and if the drawing does not have sufficient space for an electronic decal.

## SUPPLIER REVIEW



**1**

**REVIEWED AND ACCEPTED WITH NO COMMENT.**

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Fischer, Zach  
01:35 PM, 12/03/2016

for materials developed or selected by other obligations.

INCORPORATION OF COMMENTS

# Data Sheet

<b>Title</b>	Reagent Systems		<b>Proj Doc No.</b>	100126-PJ270-D02-0001	
<b>Proj Name</b>	Rainy River Gold Project		<b>AMEC Doc. No.</b>	100126-PJ270-D02-0001	
<b>Client</b>	New Gold		<b>Proj No.</b>	100126	
<b>Supplier</b>		<b>AWBS No.</b>	<b>Plant/Area No.</b>	3200	<b>Pkg No.</b> PJ270
<b>Item</b>			1		
<b>Equipment Number</b>			3270-FA-0040		
<b>Equipment Description</b>			Cyanide Tanks Exhaust Venturi Blower		
1	<b>AMEC DATA</b>	<b>Unit</b>			<b>Rev</b>
2	<b>General</b>				
3	Location:	Indoor / Outdoor	Indoor		
4	Environment:	Toxic	n/a		
5		Corrosive	-		
6		Flammable			
7		Dusty			
8					
9	Quantity				
10	Contents		1.26		
11	Specific gravity of solids	SG	2.7		
12	Temperature	°C	5 - 35		
13	pH		11		
14	Material				
15	Height				
16	Design Code				
17	<b>VENDOR TO COMPLETE</b>				
18	Fan Manufacturer		Twin City Fan & Blower		
19	Model Number		BCV-135		3
20	Flow Rate	L/s (CFM)	472 L/S (1000 CFM)		3
21	Outlet Velocity	m/s	4.84 (952)		3
22	Material of Construction		316 Stainless Steel Impeller and Mild Steel Housing / Bearing Pedestal (painted)		3
23	Class		1		3
24	Fan Wheel Diameter / Type of blades		13.5" / Backward Curved, Flat		3
25	Fan Speed	m/s	1193		3
26	Equipment Noise Level	dBa	68 dBA at 5 Feet		3
27	Ventilation Air Flow Pressure		0.80"		3
28	Bearings		Pillow Block, Grease Lubricated, L-50 200,000 hrs		3
29	Guards		Weather Cover (covers drives and shaft / bearings)		3
30	Motor Power	BkW (BHP)	0.14 (0.19)		3
31	Motor Manufacturer		TECO Westinghouse		3
32	Motor Size and Speed	HP	1/3		3
33	<b>Ducting:</b>				
34	Material				
35	Plate Thickness				
36	Design Code				
37					
38	<b>Weight Summary:</b>				
39	Blower		176		3
40					

**Notes**

1.- Discharge Outlet positioning - CW Rotation, THD Discharge

FORM



TITLE:	<b>SUPPLIER DOCUMENT FRONT SHEET</b>	DOC. NO.:	D01-0005-001 Rev 0
PROJECT NAME:	<b>Rainy River Project</b>	PROJECT NO.:	

**National Process**

Company Name

**100126-PJ040**

PO/Contract Number

**Fire Pump Package**

Package/Contract Description

**Catalogue Data/ Cut Sheet (Diesel Engine)**

Document Title

<b>14</b>	<b>6-Nov-15</b>	<b>Nabil Francis</b>	<b>Nabil Francis</b>
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Total Number of Pages  
(Including Front Sheet)

Submission Date

Submitted By - Print Name

Supplier Approval - Signature

Equipment Tag Number(s) **2530-PU-1002-MO**


Secondary SDDRL Code(s)


<b>7107233D11-5</b>	<b>00</b>
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Supplier/Contractor Document Number

Supplier Rev.

<b>100126-PJ040-D01-0005.001</b>	<b>1</b>
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AMEC Project Document No.

AMEC Issue No.

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## SUPPLIER REVIEW



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Fischer, Zach  
01:59 PM, 18/11/2015

Developed or selected by  
ons.

OF COMMENTS

### FM-UL-cUL APPROVED RATINGS BHP/KW

### 2530-PU-1002-MO

JU6H MODEL	RATED SPEED								US-EPA (NSPS) Available Until
	1760		2100		2350		2400		
UFADMG			175	131	175	131			No Expiration
UFAD58	183	137							No Expiration
UFADNG	190	142	181	135	183	137	183	137	No Expiration
UFADN0	197	147	197	147	200	149	200	149	No Expiration
UFADP0			209	156	211	157	211	157	No Expiration
UFADP8	220	164							No Expiration
UFADQ0			224	167	226	169	226	169	No Expiration
UFAD88	237	177							No Expiration
UFADR0			238	177.5	240	179	240	179	No Expiration
UFADR8	250	187							No Expiration
UFADS8	260	194							No Expiration
UFADS0			260	194	268	200	268	200	No Expiration
UFADT0			274	204	275	205	275	205	No Expiration
UFADW8	282	211							No Expiration
UFADX8	305	227.5							No Expiration
UFAD98	315	235							No Expiration



Picture represents JU6H-TRWA Power Tech Plus Engine Series

● USA EPA (NSPS) Tier 3 Emissions Certified Off-Road (40 CFR Part 89) and NSPS Stationary (40 CFR Part 60 Sub Part III). Meet EU Stage IIIA emission levels.

◆ All Models available for Export

### SPECIFICATIONS

ITEM	JU6H MODELS															
	MG	58	NG	N0	P8	88	P0	Q0	R0	S0	T0	R8	S8	W8	X8	98
Number of Cylinders	6															
Aspiration	TRWA															
Rotation*	CW															
Overall Dimensions – in. (mm)	45.8 (1163) H x 56.7 (1414) L x 36.7 (933) W								46.9 (1191) H x 58.6 (1488) L x 40.0 (1015) W							
Crankshaft Centerline Height – in. (mm)	14 (356)															
Weight – lb (kg)	1747 (791)															
Compression Ratio	19.0:1								17.0:1							
Displacement – cu. in. (L)	415 (6.8)															
Engine Type	4 Stroke Cycle – Inline Construction															
Bore & Stroke – in. (mm)	4.19 x 5.00 (106 x 127)															
Installation Drawing	D628															
Wiring Diagram AC	C07651															
Wiring Diagram DC	C071367, C072146, C071361								C071368, C072146, C071761							
Engine Series	John Deere 6068 Series Power Tech E								John Deere 6068 Series Power Tech Plus							
Speed Interpolation	N/A															

Abbreviations: CW – Clockwise TRWA – Turbocharged with Raw Water Aftercooling N/A - Not Available L – Length W – Width H - Height

\*Rotation viewed from Heat Exchanger / Front of engine

#### CERTIFIED POWER RATING

- Each engine is factory tested to verify power and performance.
- FM-UL power ratings are shown at specific speeds, Clarke engines can be applied at a single rated RPM setting ± 50 RPM.

#### ENGINE RATINGS BASELINES

- Engines are to be used for stationary emergency standby fire pump service only. Engines are to be tested in accordance with NFPA 25.
- Engines are rated at standard SAE conditions of 29.61 in. (752.1 mm) Hg barometer and 77°F (25°C) inlet air temperature [approximates 300 ft. (91.4 m) above sea level] by the testing laboratory (see SAE Standard J 1349).
- A deduction of 3 percent from engine horsepower rating at standard SAE conditions shall be made for diesel engines for each 1000 ft. (305 m) altitude above 300 ft. (91.4 m)
- A deduction of 1 percent from engine horsepower rating as corrected to standard SAE conditions shall be made for diesel engines for every 10°F (5.6°C) above 77°F (25°C) ambient temperature.



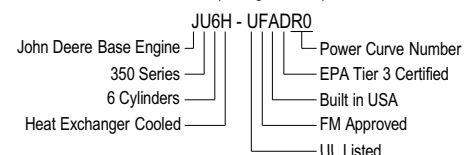
JU6H-UFADMG	JU6H-UFADP0	JU6H-UFADR0	JU6H-UFADT0
JU6H-UFAD58	JU6H-UFADP8	JU6H-UFADR8	JU6H-UFADW8
JU6H-UFADNG	JU6H-UFADQ0	JU6H-UFADS8	JU6H-UFADX8
JU6H-UFADN0	JU6H-UFAD88	JU6H-UFADS0	JU6H-UFAD98

### ENGINE EQUIPMENT

EQUIPMENT	STANDARD	OPTIONAL
Air Cleaner	Direct Mounted, Washable, Indoor Service with Drip Shield	Disposable, Drip Proof, Indoor Service Outdoor Type, Single or Two Stage (Cyclonic)
Alarms	Overspeed Alarm & Shutdown, Low Oil Pressure, Low & High Coolant Temperature, Low Raw Water Flow, High Raw Water Temperature, Alternate ECM Warning, Fuel Injection Malfunction, ECM Warning and Failure with Automatic Switching	Low Coolant Level, Low Oil Level, Oil Filter Differential Pressure, Fuel Filter Differential Pressure, Air Filter Restriction
Alternator	12V-DC, 42 Amps with Poly-Vee Belt and Guard	24V-DC, 40 Amps with Poly-Vee Belt and Guard
Coupling	Bare Flywheel	UL Listed Driveshaft and Guard, JU6H-UFAD58/NG/ADMG/ADM8/K0/N0/Q0/R0-CDS30-S1; JU6H-UFADP8/P0/T0/88/R8/S8/S0/W8/X8/98 - CDS50-SC at 1760/2100 RPM only
Electronic Control Module	12V-DC, Energized to Stop, Primary ECM always Powered on	24V-DC, Energized to Stop, Primary ECM always Powered on
Engine Heater	115V-AC, 1360 Watt	230V-AC, 1360 Watt
Exhaust Flex Connection	SS Flex, 150# ANSI Flanged Connection, 5" for JU6H-UFAD58/MG/NG/N0/P8/88; SS Flex, 150# ANSI Flanged Connection, 6" for JU6H-UFADP0/Q0/R0/S0/T0/R8/S8/W8/X8/98 (w/ orifice plate)	SS Flex, 150# ANSI Flanged Connection, 6" for JU6H-UFAD58/MG/NG/N0/P8/88; SS Flex, 150# ANSI Flanged Connection, 8" for JU6H-UFADP0/Q0/R0/S0/T0/R8/S8/W8/X8/98 (w/ orifice plate)
Exhaust Protection	Metal Guards on Manifolds and Turbocharger	
Flywheel Housing	SAE #3	
Flywheel Power Take Off	11.5" SAE Industrial Flywheel Connection	
Fuel Connections	Fire Resistant, Flexible, USA Coast Guard Approved, Supply and Return Lines	SS, Braided, cUL Listed, Supply and Return Lines
Fuel Filter	Primary Filter with Priming Pump	
Fuel Injection System	High Pressure Common Rail	
Governor, Speed	Dual Electronic Control Modules	
Heat Exchanger	Tube and Shell Type, 60 PSI (4 BAR), NPT(F) Connections – Sea Water Compatible	
Instrument Panel	Multimeter to Display English and Metric, Tachometer, Hourmeter, Water Temperature, Oil Pressure and One (1) Voltmeter with Toggle Switch, Front Opening	
Junction Box	Integral with Instrument Panel; For DC Wiring Interconnection to Engine Controller	
Lube Oil Cooler	Engine Water Cooled, Plate Type	
Lube Oil Filter	Full Flow with By-Pass Valve	
Lube Oil Pump	Gear Driven, Gear Type	
Manual Start Control	On Instrument Panel with Control Position Warning Light	
Overspeed Control	Electronic, Factory Set, Not Field Adjustable	
Raw Water Cooling Loop w/Alarms	Galvanized	Seawater, All 316SS, High Pressure
Raw Water Cooling Loop Solenoid Operation	Automatic from Fire Pump Controller and from Engine Instrument Panel (for Horizontal Fire Pump Applications)	Not Supplied (for Vertical Turbine Fire Pump Applications)
Run – Stop Control	On Instrument Panel with Control Position Warning Light	
Starters	Two (2) 12V-DC	Two (2) 24V-DC
Throttle Control	Adjustable Speed Control by Increase/Decrease Button, Tamper Proof in Instrument Panel	
Water Pump	Centrifugal Type, Poly-Vee Belt Drive with Guard	

Abbreviations: DC – Direct Current, AC – Alternating Current, SAE – Society of Automotive Engineers, NPT(F) – National Pipe Tapered Thread (Female), ANSI – American National Standards Institute, SS – Stainless Steel

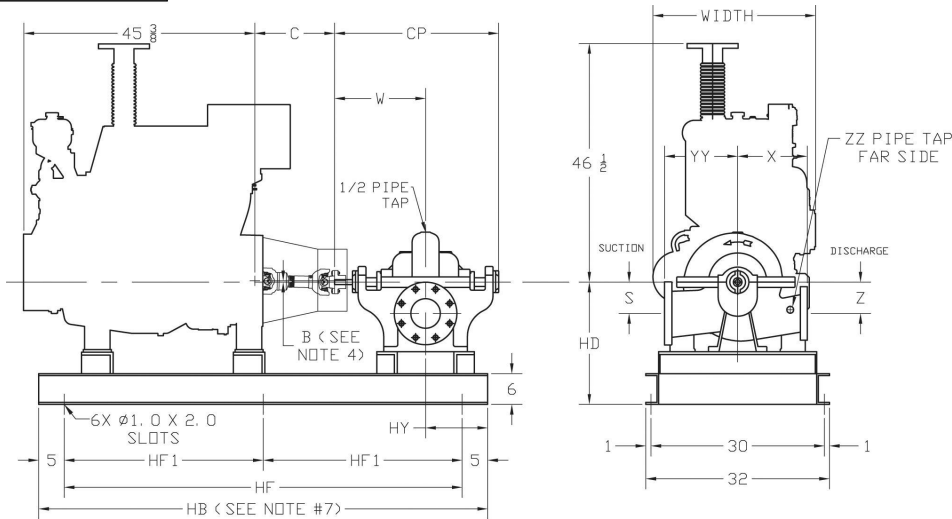
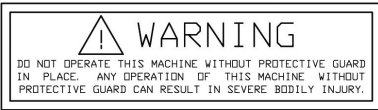
#### MODEL NOMENCLATURE: (10 Digit Models)



**CLARKE** Fire Protection Products, Inc.  
100 Progress Place, Cincinnati, Ohio 45246  
United States of America  
Tel +1-513-475-FIRE(3473) Fax +1-513-771-8930  
www.clarkefire.com

**CLARKE** UK, Ltd.  
Grange Works, Lomond Rd., Coatbridge, ML5-2NN  
United Kingdom  
Tel +44-1236-429946 Fax +44-1236-427274  
www.clarkefire.com

**AURORA® 481 PUMPS**  
 SINGLE-STAGE FIRE PUMPS  
 CLARKE DIESEL ENGINE DRIVE  
 JU6H-UFAD-K0, M8, MG, 58, NG, N0, P8, P0,  
 Q0, R0, S0, T0, 88, R8, S8, W8, X8, 98  
 EPA NSPSTIER 3 CERTIFIED



ENGINE MODEL: JU6H-UFAD_	C	UL LISTED DRIVESHAFT*	B DRIVESHAFT OFFSET DIMENSION
K0*, M8, MG, 58, NG, N0, Q0, R0	15-5/8	CDS30-S1	0.35
P8, P0, S0, T0, 88, R8, S8, W8, X8, 98	20-3/8	CDS50-SC (1760 & 2100 RPM)	0.45

\*For engines with speeds of 1760 & 2100 RPM only. For 2350 RPM use a non-listed driveshaft.

ENGINE MODEL: JU6H-UFAD_	C	NON-LISTED DRIVESHAFT**	B DRIVESHAFT OFFSET DIMENSION
T0, S0, P0, R0	20-3/8	SC81A (2350 RPM)	0.45

\*\*For engines with speeds of 2350 RPM only. There is no listed driveshaft available in this HP range.

PUMP SIZE			SUCTION	POWER SERIES	S	W	X	Z	CP	YY	ZZ	HB	HD	HF	HF1	HY
DISCH	MODEL	CASE BORE														
5	481	17	6	4	6-1/4	16	14	5-1/4	28-1/2	15	1-1/4	88	20	78	39	14
6	481	11HH	8	4A	8-5/8	18-1/8	10	8-5/8	32-7/8	15	1-1/4	88	23	78	39	11-7/8
6	481	14HH	8	5A	7-1/2	20-1/2	15	7-1/2	36-3/4	17	1-1/4	98	23	88	44	19-9/16
6	481	15	8	5	6-3/4	18	14-1/4	6-3/4	32	16-3/4	1-1/4	88	21	78	39	12
6	481	18	8	5	8	18	16	8	32	18	1-1/4	88	22	78	39	12
6	481	20	8	5	8	18	15-3/4	8	32	18	1-1/4	88	22	78	39	12
8	481	17B	10	5	8	18	17	8	32	17-3/4	2	88	24	78	39	12
8	481	21	10	6B	9-1/2	21-7/8	18	9-1/2	38	21	2	98	25	88	44	18-1/8
10	481	15	12	6B	13-1/2	21-7/8	17	13-1/2	38	20	1-1/4	98	31	88	44	13-1/8
10	481	18	12	6B	13-1/2	21-7/8	17	13-1/2	38	22	2	98	31	88	44	13-1/8
10	481	18D	12	7A	12-1/4	24-1/4	20	12-1/4	43	24	2	98	31	88	44	15.69

NOTES:

- All dimensions are in inches and may vary  $\pm 3/8"$ .
- Not for construction purposes, unless certified.
- Caution: The driveshaft is designed to operate at a  $2^\circ$  angle with the input and output shafts in parallel. The engine crankshaft is to be set with a parallel offset of "B"  $\pm 0.10$  inches vertically above the pump shaft and  $0.00" \pm 0.10$  inch parallel offset horizontally right or left of the pump shaft. Refer to the Certified Driveshaft Instructions Manual for alignment instructions.
- Pump suction and discharge flanges are ANSI Standard flat face.
- Left-hand (counterclockwise) rotation is not available.
- Optional: base mounted controller (not shown) add 25" to "HB" (length of base) and 2 additional  $\phi 1.00 \times 2.00$  slots.

**INSTALLATION & OPERATION DATA (I&O Data)**

USA Produced

**Basic Engine Description**

Engine Manufacturer	John Deere Co.
Ignition Type	Compression (Diesel)
Number of Cylinders	6
Bore and Stroke - in (mm)	4.19 (106) X 5 (127)
Displacement - in <sup>3</sup> (L)	415 (6.8)
Compression Ratio	17.0:1
Valves per cylinder	
Intake	2
Exhaust	2
Combustion System	Direct Injection
Engine Type	In-Line, 4 Stroke Cycle
Fuel Management Control	Electronic, High Pressure Common Rail
Firing Order (CW Rotation)	1-5-3-6-2-4
Aspiration	Turbocharged
Charge Air Cooling Type	Raw Water
Rotation, viewed from front of engine, Clockwise (CW)	Standard
Engine Crankcase Vent System	Open
Installation Drawing	D628
Weight - lb (kg)	1747 (792)

**Power Rating**

**1760**

Nameplate Power - HP (kW)	305 (227.5)
---------------------------	-------------

**Cooling System - [C051386]**

**1760**

Engine Coolant Heat - Btu/sec (kW)	143 (151)
Engine Radiated Heat - Btu/sec (kW)	69 (72.8)
Heat Exchanger Minimum Flow	
60°F (15°C) Raw H <sub>2</sub> O - gal/min (L/min)	28 (106)
100°F (37°C) Raw H <sub>2</sub> O - gal/min (L/min)	38 (144)
Heat Exchanger Maximum Cooling Raw Water	
Inlet Pressure - psi (bar)	60 (4.1)
Flow - gal/min (L/min)	40 (151)
Typical Engine H <sub>2</sub> O Operating Temp - °F (°C) <sup>[1]</sup>	180 (82.2) - 195 (90.6)
Thermostat	
Start to Open - °F (°C)	180 (82.2)
Fully Opened - °F (°C)	203 (95)
Engine Coolant Capacity - qt (L)	22.2 (21)
Coolant Pressure Cap - lb/in <sup>2</sup> (kPa)	15 (103)
Maximum Engine Coolant Temperature - °F (°C)	230 (110)
Minimum Engine Coolant Temperature - °F (°C)	160 (71.1)
High Coolant Temp Alarm Switch - °F (°C) <sup>[2]</sup>	235 (113) - 241 (116)

**Electric System - DC**

**Standard**

**Optional**

System Voltage (Nominal)	12		24	
Battery Capacity for Ambients Above 32°F (0°C)				
Voltage (Nominal)	12	[C07633]	24	[C07633]
Qty. Per Battery Bank	1		2	
SAE size per J537	8D		8D	
CCA @ 0°F (-18°C)	1400		1400	
Reserve Capacity - Minutes	430		430	
Battery Cable Circuit, Max Resistance - ohm	0.0012		0.0012	
Battery Cable Minimum Size				
0-120 in. Circuit Length <sup>[3]</sup>	00		00	
121-160 in. Circuit Length <sup>[3]</sup>	000		000	
161-200 in. Circuit Length <sup>[3]</sup>	0000		0000	
Charging Alternator Maximum Output - Amp,	40	[C071363]	55	[C071365]
Starter Cranking Amps, Rolling - @60°F (15°C)	440	[RE69704/RE70404]	250	[C07819/C07820]

NOTE: This engine is intended for indoor installation or in a weatherproof enclosure. <sup>1</sup>Engine H<sub>2</sub>O temperature is dependent on raw water temperature and flow. <sup>2</sup>High Coolant Switch threshold varies with engine load. <sup>3</sup>Positive and Negative Cables Combined Length.

**INSTALLATION & OPERATION DATA (I&O Data)**

USA Produced

**Exhaust System**

**1760**

Exhaust Flow - ft. <sup>3</sup> /min (m <sup>3</sup> /min) -----	1400 (39.6)
Exhaust Temperature - °F (°C) -----	961 (516)
Maximum Allowable Back Pressure - in H <sub>2</sub> O (kPa) -----	30 (7.5)
Minimum Exhaust Pipe Dia. - in (mm) <sup>[4]</sup> -----	6 (152)

**Fuel System**

**1760**

Fuel Consumption - gal/hr (L/hr) -----	14.6 (55.3)
Fuel Return - gal/hr (L/hr) -----	21.3 (80.6)
Fuel Supply - gal/hr (L/hr) -----	35.9 (136)
Fuel Pressure - lb/in <sup>2</sup> (kPa) -----	3 (20.7) - 6 (41.4)
Minimum Line Size - Supply - in. -----	.50 Schedule 40 Steel Pipe
Pipe Outer Diameter - in (mm) -----	0.848 (21.5)
Minimum Line Size - Return - in. -----	.375 Schedule 40 Steel Pipe
Pipe Outer Diameter - in (mm) -----	0.675 (17.1)
Maximum Allowable Fuel Pump Suction Lift with clean Filter - in H <sub>2</sub> O (mH <sub>2</sub> O) -----	80 (2)
Maximum Allowable Fuel Head above Fuel pump, Supply or Return - ft (m) -----	6.6 (2)
Fuel Filter Micron Size -----	2 (Secondary)

**Heater System**

**Standard**

**Optional**

Engine Coolant Heater		
Wattage (Nominal) -----	1360	1360
Voltage - AC, 1 Phase -----	115 (+5% -10%)	230 (+5%, -10%)
Part Number -----	[C123640]	[C123644]

**Air System**

**1760**

Combustion Air Flow - ft. <sup>3</sup> /min (m <sup>3</sup> /min) -----	525 (14.9)
Air Cleaner	<b>Standard</b>
Part Number -----	[C03244]
Type -----	Indoor Service Only, with Shield
Cleaning method -----	Washable
Air Intake Restriction Maximum Limit	
Dirty Air Cleaner - in H <sub>2</sub> O (kPa) -----	14 (3.5)
Clean Air Cleaner - in H <sub>2</sub> O (kPa) -----	7 (1.7)
Maximum Allowable Temperature (Air To Engine Inlet) - °F (°C) <sup>[5]</sup> -----	130 (54.4)

**Optional**

[C03327]
Canister, Single-Stage
Disposable

**Lubrication System**

Oil Pressure - normal - lb/in <sup>2</sup> (kPa) -----	40 (276) - 60 (414)
Low Oil Pressure Alarm Switch - lb/in <sup>2</sup> (kPa) <sup>[6]</sup> -----	30 (207) to 35 (241)
In Pan Oil Temperature - °F (°C) -----	220 (104) - 245 (118)
Total Oil Capacity with Filter - qt (L) -----	34.3 (32.5)

**Lube Oil Heater**

**Optional**

**Optional**

Wattage (Nominal) -----	150	150
Voltage -----	120V (+5%, -10%)	240V (+5%, -10%)
Part Number -----	C04430	C04431

**Performance**

**1760**

BMEP - lb/in <sup>2</sup> (kPa) -----	331 (2280)
Piston Speed - ft/min (m/min) -----	1467 (447)
Mechanical Noise - dB(A) @ 1m -----	C133380
Power Curve -----	C132969

<sup>4</sup>Based on Nominal System. Back pressure flow analysis must be done to assure maximum allowable back pressure is not exceeded. (Note: minimum exhaust Pipe diameter is based on: 15 feet of pipe, one 90° elbow, and a silencer pressure drop no greater than one half of the maximum allowable back pressure.) <sup>5</sup>Review for horsepower derate if ambient air entering engine exceeds 77°F (25°C). <sup>6</sup>Low Oil Pressure Switch threshold varies w/engine speed. [ ] indicates component reference part number.



**JU4H, JU4R & JU6H, JU6R ENGINE MODELS  
ENGINE MATERIALS AND CONSTRUCTION**

**Air Cleaner**

Type..... Indoor Usage Only  
Oiled Fabric Pleats  
Material..... Surgical Cotton  
Aluminum Mesh

**Air Cleaner - Optional**

Type..... Canister  
Material..... Pleated Paper  
Housing..... Enclosed

**Camshaft**

Material..... Cast Iron  
Chill Hardened  
Location..... In Block  
Drive..... Gear, Spur  
Type of Cam..... Ground

**Charge Air Cooler (JU6H-60,62,68,74,84, ADK0, AD58, ADNG, ADN0, ADQ0, ADR0, AAQ8, AARG, ADP8, ADP0, ADT0, AD88, ADR8, AD98, ADS0, ADW8, ADX8, AD98 only)**

Type..... Raw Water Cooled  
**Materials (in contact with raw water)**  
Tubes..... 90/10 CU/NI  
Headers ..... 36500 Muntz  
Covers ..... 83600 Red Brass  
Plumbing ..... 316 Stainless Steel/ Brass  
90/10 Silicone

**Charge Air Cooler (JU6R-AA67, 59, 61, PF, Q7, RF, S9, 83 only)**

Type..... Air to Air Cooled  
**Materials**  
Core..... Aluminum

**Coolant Pump**

Type..... Centrifugal  
Drive..... Poly Vee Belt

**Coolant Thermostat**

Type..... Non Blocking  
Qty..... 1

**Cooling Loop (Galvanized)**

Tees, Elbows, Pipe..... Galvanized Steel  
Ball Valves..... Brass ASTM B 124,  
Solenoid Valve..... Brass  
Pressure Regulator..... Bronze  
Strainer..... Cast Iron (1/2" - 1" loops) or  
Bronze (1.25" - 2" loops)

**Cooling Loop (Sea Water)**

Tees, Elbows, Pipe..... 316 Stainless Steel  
Ball Valves..... 316 Stainless Steel  
Solenoid Valve..... 316 Stainless Steel  
Pressure Regulator/Strainer Cast Brass ASTM B176  
C87800

**Cooling Loop (316SS)**

Tees, Elbows, Pipe..... 316 Stainless Steel  
Ball Valves..... 316 Stainless Steel  
Solenoid Valve..... 316 Stainless Steel  
Pressure Regulator/Strainer 316 Stainless Steel

**Connecting Rod**

Type..... I-Beam Taper  
Material..... Forged Steel Alloy

**Crank Pin Bearings**

Type..... Precision Half Shell  
Number..... 1 Pair Per Cylinder  
Material..... Wear-Guard

**Crankshaft**

Material..... Forged Steel  
Type of Balance..... Dynamic

**Cylinder Block**

Type..... One Piece with  
Non-Siamese Cylinders  
Material..... Annealed Gray Iron

**Cylinder Head**

Type..... Slab 2 Valve  
Material..... Annealed Gray Iron

**Cylinder Liners**

Type..... Centrifugal Cast, Wet Liner  
Material..... Alloy Iron Plateau, Honed

**Fuel Pump**

Type..... Diaphragm  
Drive..... Cam Lobe

**Heat Exchanger (USA) - JU4H & JU6H Only**

Type..... Tube & Shell  
**Materials**  
Tube & Headers..... Copper  
Shell..... Copper  
Electrode..... Zinc

**Heat Exchanger (UK) - JU4H & JU6H Only**

Type..... Tube & Bundle  
**Materials**  
Tube & Headers..... Copper  
Shell..... Aluminum

**Injection Pump**

Type..... Rotary  
Drive..... Gear

**Lubrication Cooler**

Type..... Plate

**Lubrication Pump**

Type..... Gear  
Drive..... Gear

**Main Bearings**

Type..... Precision Half Shells  
Material..... Steel Backed-Aluminum  
Lined

**Piston**

Type and Material..... Aluminum Alloy with  
Reinforced Top Ring Groove  
Cooling..... Oil Jet Spray

**Piston Pin**

Type..... Full Floating - Offset

**Piston Rings**

Number/Piston..... 3  
Top..... Keystone Barrel Faced -  
Plasma Coated  
Second..... Tapered Cast Iron  
Third..... Double Rail Type  
w/Expander Spring

**Radiator - JU4R & JU6R Only**

Type..... Plate Fin  
**Materials**  
Core..... Copper & Brass  
Tank & Structure..... Steel

**Valves**

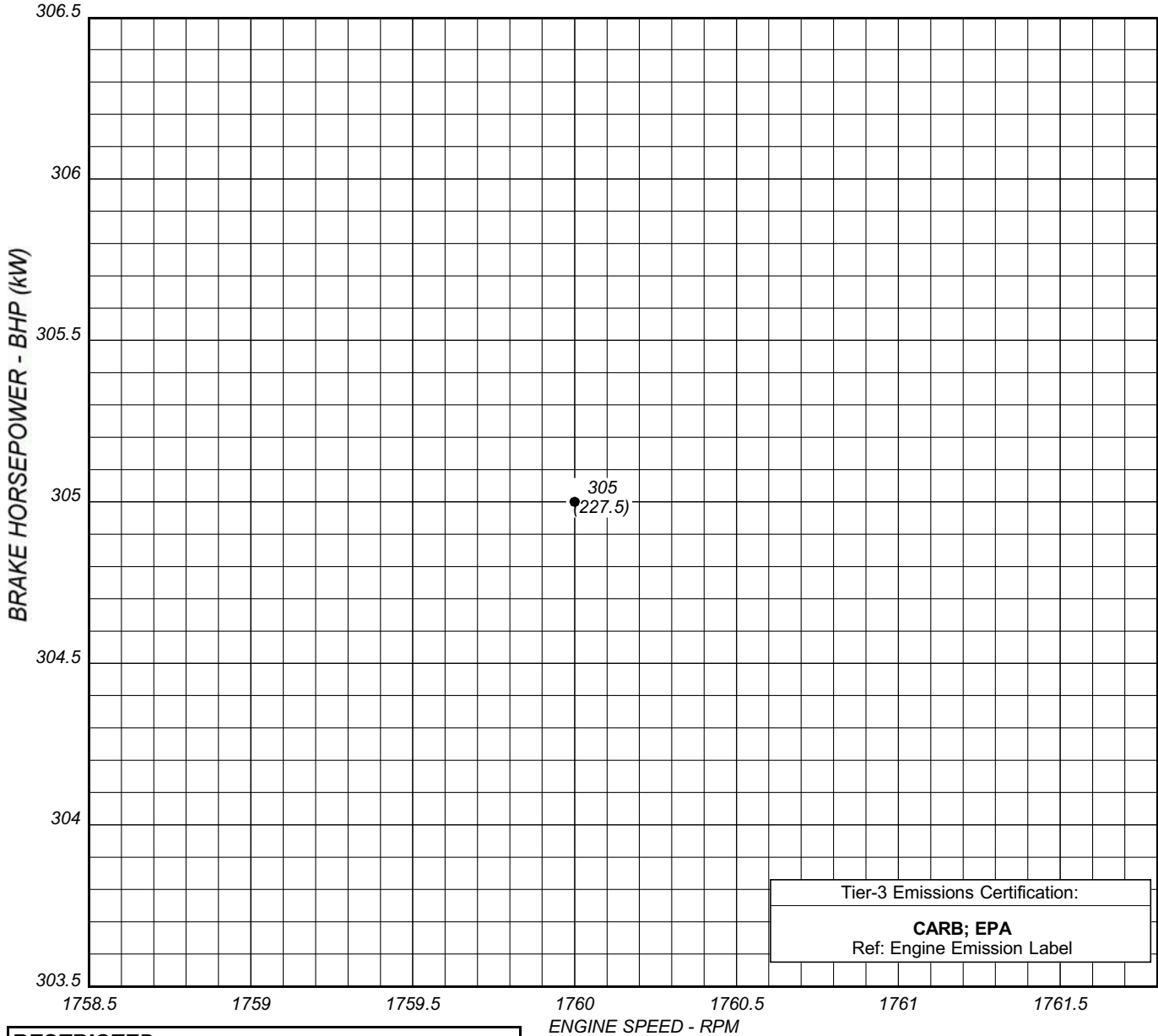
Type..... Poppet  
Arrangement..... Overhead Valve  
Number/Cylinder..... 1 intake  
1 exhaust  
Operating Mechanism..... Mechanical Rocker Arm  
Type of Lifter..... Large Head  
Valve Seat Insert..... Replaceable



*Fire Protection Products, Inc.*

**FIRE PUMP MODEL: JU6H-UFADX8**

**Heat Exchanger Cooled  
Raw Water Charge Cooling  
Tier 3 Emissions Certified**



Tier-3 Emissions Certification:  
**CARB; EPA**  
Ref: Engine Emission Label

**RESTRICTED:**  
USE ONLY FOR STAND-BY FIRE PUMP APPLICATIONS

**ENGINE PERFORMANCE:**  
STANDARD CONDITIONS: (SAE J1349, ISO 3046)  
77°F (25°C) AIR INLET TEMPERATURE  
29.61 IN. (751.1MM) HG BAROMETRIC PRESSURE  
#2 DIESEL FUEL (SEE C13940)

*Kevin Kunkler*  
KEVIN KUNKLER 06FEB09

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CREATED	<i>KKE</i>	DATE CREATED	02/06/09
<b>ENGINE MODEL JU6H-UFADX8</b>			
DRAWING NO.	C132969	REV	A

8 7 6 5 4 3 2 1

**DO NOT SCALE**

**DATUMS:**

- A- - MOUNTING FACE OF FLYWHEEL
- B- - ENGINE CRANKSHAFT HORIZONTAL CENTERLINE
- C- - ENGINE CRANKSHAFT VERTICAL CENTERLINE
- CENTER OF GRAVITY OF ENGINE
- CLOCKWISE ROTATION WHEN VIEWED FROM FRONT OF ENGINE

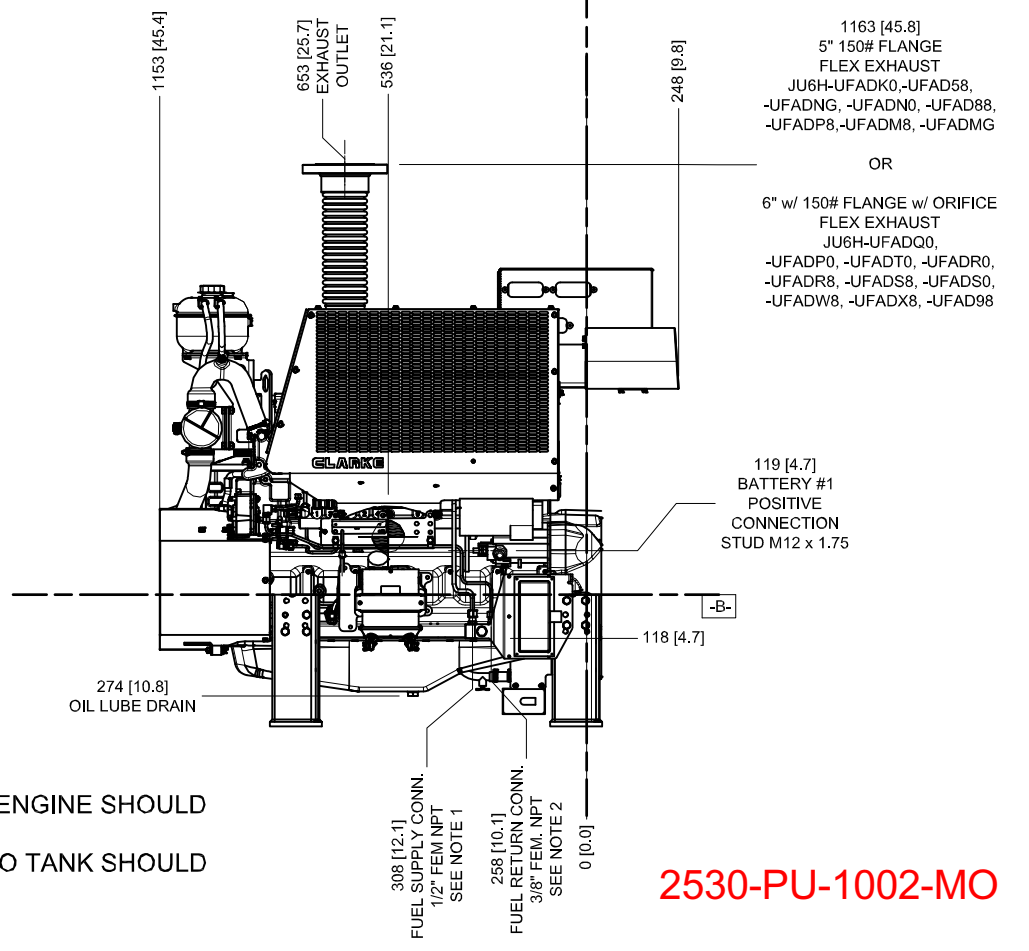
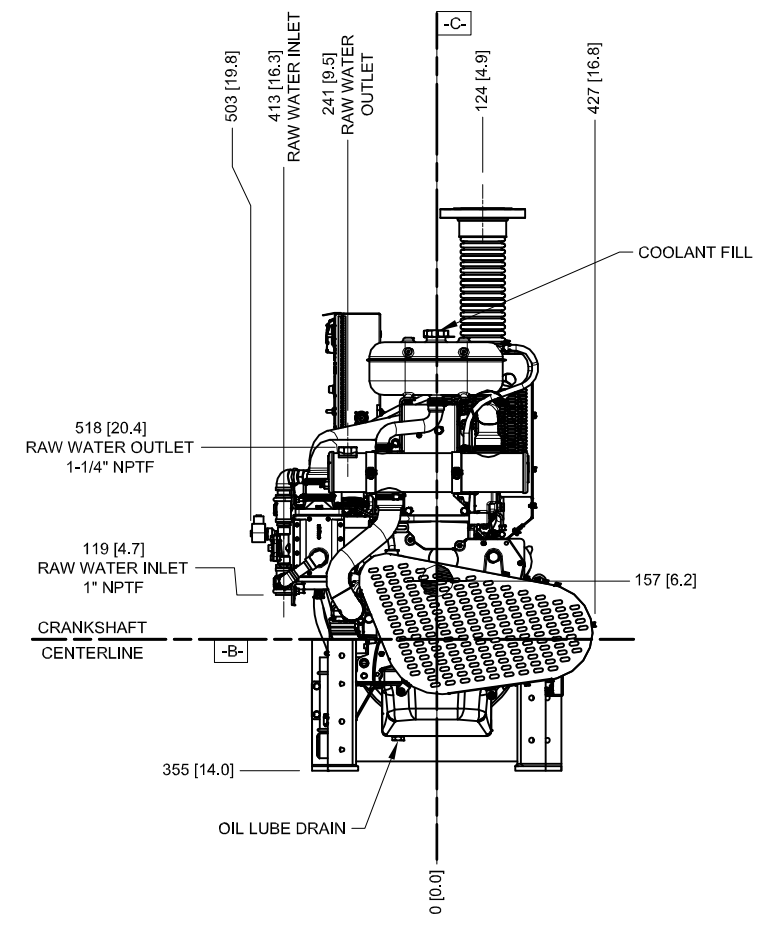
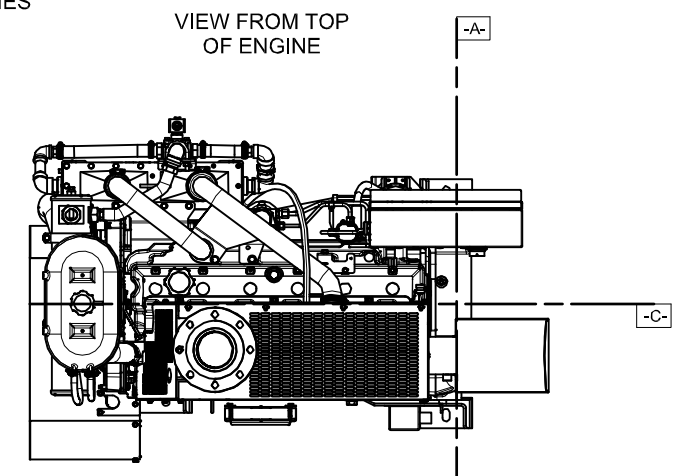
**CAUTION:**  
ALL PLUMBING MUST BE SUPPORTED AND/OR ISOLATED SO THAT NO WEIGHT OR STRESS IS APPLIED TO ANY ENGINE COMPONENT

**ATTENTION**  
REFER TO THE SPECIFIC MODEL "INSTALLATION AND OPERATION DATA" FOR INSTALLATION GUIDELINES

**DRAWING SUBJECT TO CHANGE WITHOUT NOTICE**

"TRWA" (TURBOCHARGED w/ RAW WATER AFTERCOOLING) MODELS	JU6H-UFAD58, -UFAD88 JU6H-UFADK0, -UFADNG JU6H-UFADP8, -UFADN0 JU6H-UFADM8, -UFADMG JU6H-UFADP8 (MODELS SHOWN)
	JU6H-UFAD98 -UFADP0 JU6H -UFADQ0, -UFADR0 JU6H-UFADR8, -UFADS0 JU6H-UFADS8, -UFADT0 JU6H-UFADW8, -UFADX8

**\*FOR ENGINES BUILT IN USA BEGINNING DECEMBER 2012**



- NOTES:**
- FUEL SUPPLY PIPING FROM TANK TO ENGINE SHOULD BE 1/2" MINIMUM PIPE DIAMETER.
  - FUEL RETURN PIPING FROM ENGINE TO TANK SHOULD BE 3/8" MINIMUM PIPE DIAMETER.

**2530-PU-1002-MO**

REV	DESCRIPTION	ECN#	DWN	APVD	DATE
B	ADDED NEW TIER 3 ENGINE MODELS	1645	KJM	<i>KJE</i>	06JAN09
C	ADDED JU6H-UFADP8 ENGINE MODEL	1645	MAL	<i>KJE</i>	23FEB09
D	REVISED EXH FLEX CONNECTION DATA	1645	DMP	<i>KJE</i>	09NOV09
E	REVISED EXH FLEX CONNECTION DATA	1997	JCA	<i>KJE</i>	23JUN10
F	REVISED ENGINE FOOT MOUNTING HOLE LOCATIONS - PAGE 2	1901	JCA	<i>ACC</i>	28JUL10
G	ADDED DIMENSIONS FRONT VIEW ZONE D6 PG1	2106	DMP	<i>KJE</i>	28OCT10
H	ADDED ENGINE MODELS: JU6H-UFADM8 & JU6H-UFADMG	2173	JCA	<i>KJE</i>	09DEC10
J	UPDATED MOUNTING FEET AND HEATER SETUP	2063	AMC	<i>MAD</i>	19JUL12
K	RAW WATER OUTLET WAS 1" NPTF	2649	MOH	<i>KJE</i>	04DEC12

<input checked="" type="checkbox"/> CONTROLLED DRAWING		<b>CLARKE</b> <i>Fire Protection Products, Inc.</i>	
DRWN: MWLEMING DATE: 2/25/2009 ENGR: KJKUNKLER	NAME: <b>INSTALLATION DRAWING, FIRE PUMP ENGINE JU6H TIER 3 MODELS</b>		
MATERIAL: ASSEMBLY	PART NO.: <b>D628</b>	SCALE: NTS	UNITS: MM [INCH]
REV: <b>K</b>		PAGE: 1	OF: 2

8 7 6 5 4 3 2 1

8

7

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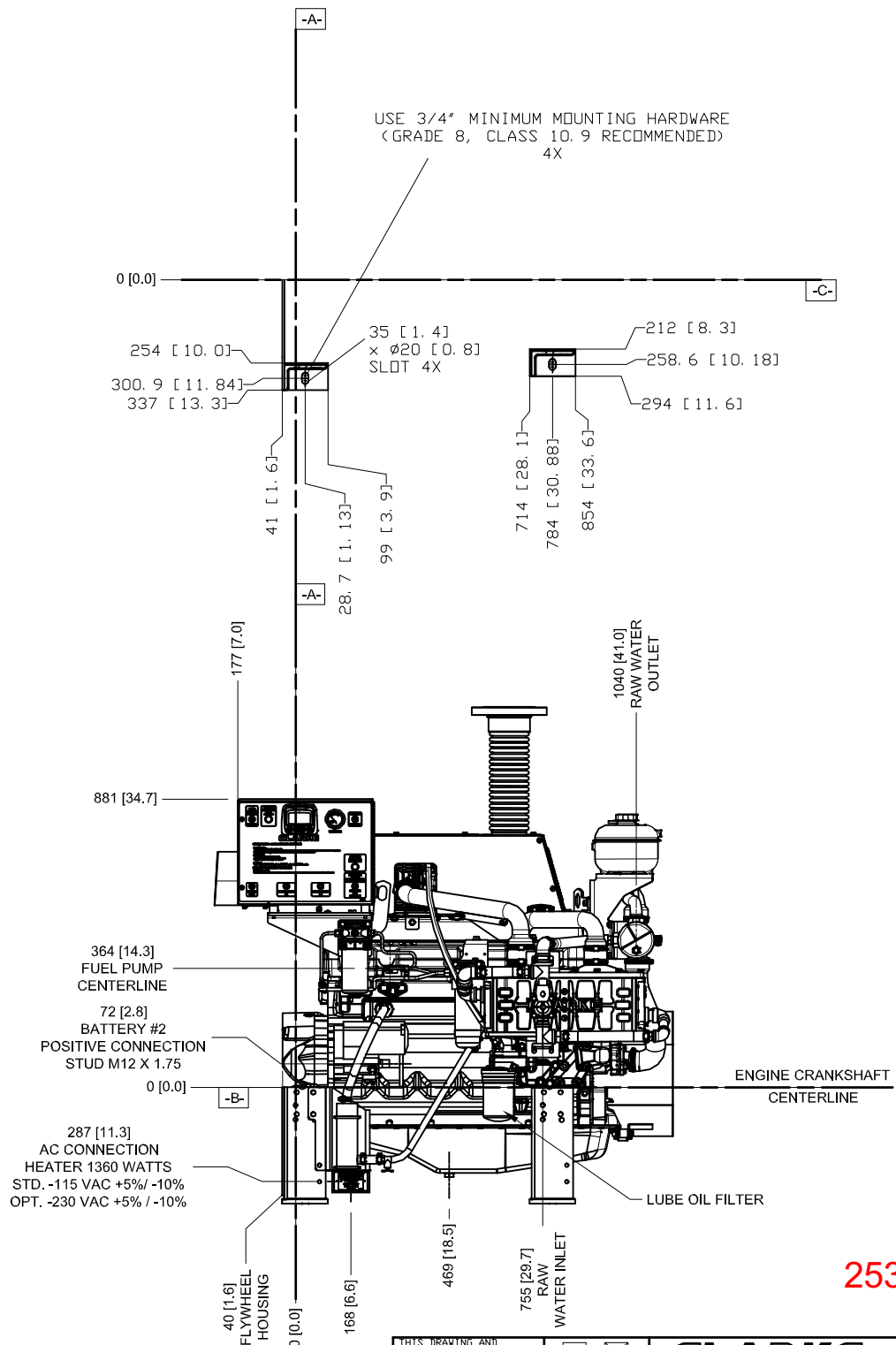
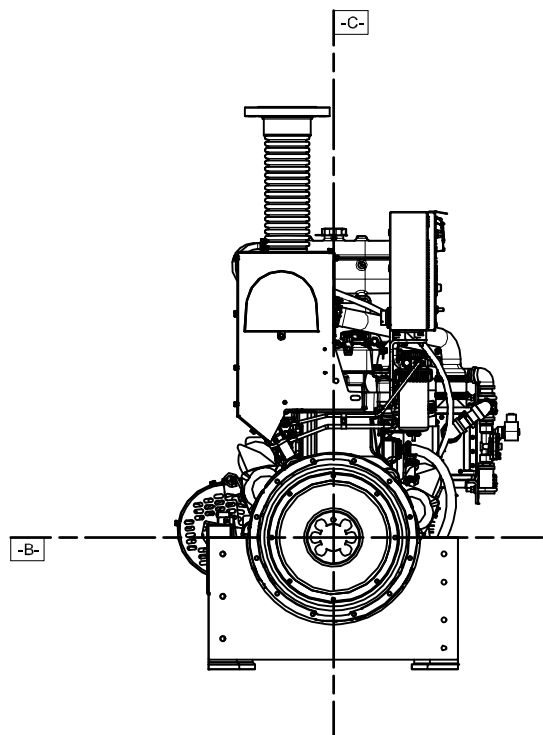
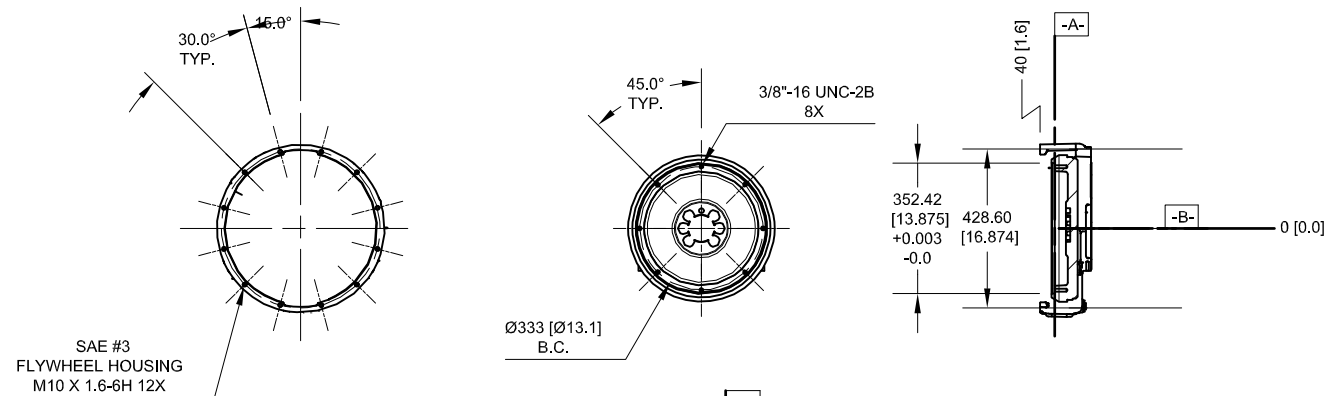
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1

DO NOT SCALE

FOR ENGINE SPECIFIC OPTIONS  
SEE [www.CLARKEFIRE.com](http://www.CLARKEFIRE.com)

DETAIL DATUM -A-  
BARE FLYWHEEL



**DRAWING SUBJECT  
TO CHANGE  
WITHOUT NOTICE**

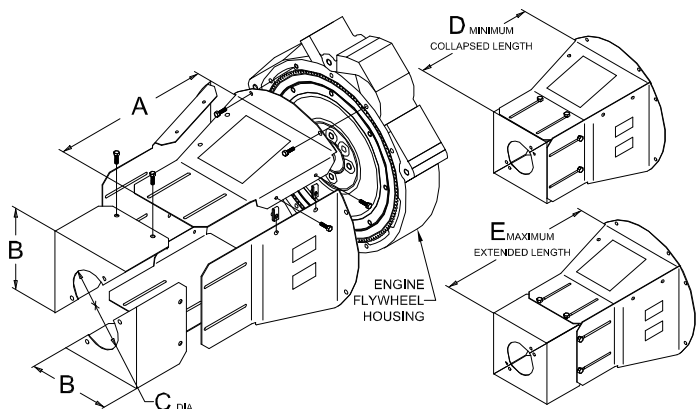
**\*FOR ENGINES BUILT IN USA  
BEGINNING DECEMBER 2012**

**2530-PU-1002-MO**

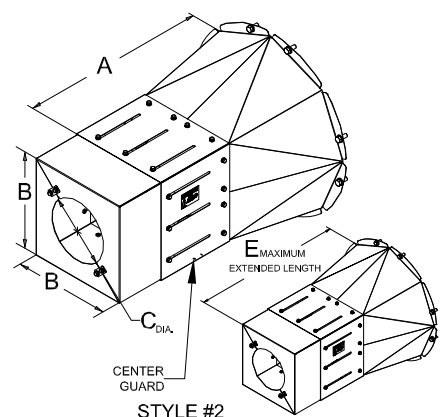
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DRWN	MWLEMING	NAME	INSTALLATION DRAWING, FIRE PUMP ENGINE JU6H TIER 3 MODELS		
DATE	2/25/2009	ENGR	KKUNKLER		
MATERIAL		PART NO.	D628		
ASSEMBLY		SCALE	NTS	UNITS	MM [INCH]
		PAGE	2	OF	2

LISTED AND NON-LISTED DRIVESHAFT  
Short Coupled (Standard Lengths) Fire Pump Driveshafts for Clarke Engine Models

Engine Model	Driveshaft Model	SAE Flywheel Size	SAE Flywheel Housing Size	Companion Flange Series	Engine Model	Driveshaft Model	SAE Flywheel Size	SAE Flywheel Housing Size	Companion Flange Series	Engine Model	Driveshaft Model	SAE Flywheel Size	SAE Flywheel Housing Size	Companion Flange Series
JU4H-UFAE40					JU4H-UF50					JU4H-UFAD98	N/A			
JU4H-UF10					JU4H-UF52					JUH-UFAA28				
JU4H-UF12					JU4H-UF54					ZF8H-UFA20				
JU4H-UF14					JU4H-UF56					JUH-UFAA90				
JU4H-UF20					JU4H-UFAD50					JUH-UFAA92				
JU4H-UF22					JU4H-UFAD55					JUH-UFAA94				
JU4H-UF24					JU4H-UFAD60					JUH-UFAA96				
JU4H-UFA26					JU4H-UFAD65					JUH-UFAA98				
JU4R-UFAE49					JU4H-UFAD70					JUH-UFAA99				
JU4R-UF09					JU4H-UFAD75					JUH-UFAA99				
JU4R-UF11					JU4H-UFAD80					JUH-UFAA99				
JU4R-UF13					JU4H-UFAD85					JUH-UFAA99				
JU4R-UF19					JU4H-UFAD90					JUH-UFAA99				
JU4R-UF21					JU4H-UFAD95					JUH-UFAA99				
JU4R-UF23					JU4H-UFAD98					JUH-UFAA99				
JU4H-UFAE88					JU4H-UFAD99					JUH-UFAA99				
JU4H-UFAE92					JU4H-UFAD99					JUH-UFAA99				
JU4H-UF30					JU4H-UFAD99					JUH-UFAA99				
JU4H-UF32					JU4H-UFAD99					JUH-UFAA99				
JU4H-UF34					JU4H-UFAD99					JUH-UFAA99				
JU4H-UF40					JU4H-UFAD99					JUH-UFAA99				
JU4H-UF42					JU4H-UFAD99					JUH-UFAA99				
JU4H-UF46					JU4H-UFAD99					JUH-UFAA99				
JU4H-UFH2					JU4H-UFAD99					JUH-UFAA99				
JU4H-UFH8					JU4H-UFAD99					JUH-UFAA99				
JU4H-UFADJ8					JU4H-UFAD99					JUH-UFAA99				
JU4H-UFADJ2					JU4H-UFAD99					JUH-UFAA99				
JU4R-UF40					JU4H-UFAD99					JUH-UFAA99				
JU4R-UFAE77					JU4H-UFAD99					JUH-UFAA99				
JU4R-UFAE71					JU4H-UFAD99					JUH-UFAA99				
JU6H-UF30					JU6H-UFAD99					JUH-UFAA99				
JU6H-UF32					JU6H-UFAD99					JUH-UFAA99				
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JU6H-UF40					JU6H-UFAD99					JUH-UFAA99				
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JU6R-UFAA99					JU6H-UFAD99					JUH-UFAA99				
JU6R-UFAA95					JU6H									



STYLE #1



STYLE #2

KIT PART NUMBER	USED WITH DRIVESHAFT MODEL		SAE FLYWHEEL HOUSING #	STYLE	GUARD PART NUMBER	CENTER GUARD PART NUMBER	END CAP PART NUMBER	USED WITH BASE ENGINE MODELS	A	B	C	D	E	
	LISTED	NON-LISTED												
C10382	CDS10-SC	USE LISTED DRIVESHAFT	3	#1	C101137	NA	C101143	JU4H & JU4R	247.7[9.75]	227.3[8.95]	109.5[4.32]	297.7[11.72]	373.9[14.72]	
C10383	CDS20-S1				JU6H & JU6R			381.0[15.00]	383.5[15.10]					507.2[19.97]
C10433	CDS30-S1				JU4H, JU4R, JU6H & JU6R									
C10455	CDS50-SC (SEE NOTE 6)	SC81A (SEE NOTE 6)	C101140	NA	C101142	JU6H, JU6R & JW6H (TIER 3/NON-EM)	541.0[21.30]	273.1[10.75]	125.4[4.94]	541.0[21.30]	686.6[27.03]			
C101091	USE NONLISTED DRIVESHAFT	SC2160A	1	#2	C101138	C101139	JX6H	557.1[21.93]	305.3[12.02]	127.0[5.00]	EQUAL TO "A" DIMENSION	707.1[27.84]		
C101074	CDS50-SC (SEE NOTE 6)	SC81A (SEE NOTE 6)					DP6H							
C101074	CDS50-SC (SEE NOTE 6)	USE LISTED DRIVESHAFT					DQ6H							
C101078	USE NONLISTED DRIVESHAFT	SC2160A	C101071	DR8H, DS0H, & DT2H	745.2[29.34]	895.1[35.24]								
C101080	EXTENDED LENGTH DRIVESHAFTS	EXTENDED LENGTH DRIVESHAFTS	C101079	DP6H, DQ6H, DR8H, DS0H, & DT2H	910.3[35.84]	1060.5[41.75]								
C101097			C101071	745.2[29.34]	895.1[35.24]									
C101098			C101079	910.3[35.84]	1060.5[41.75]									

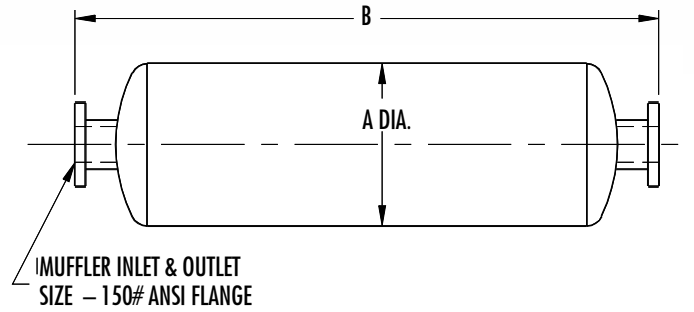
- NOTES:  
 1. GUARDING DESIGNED FOR FINGER SAFE OPERATION ONLY.  
 2. FOR HARDWARE REFERENCE C135181.  
 3. FOR ADAPTER DISCS SEE DRAWING D620.  
 4. FOR DRIVESHAFTS SEE DRAWING D615.  
 5. FOR COMPANION FLANGES SEE DRAWING D621.  
 6. CDS50-SC ONLY FOR 1470 THRU 2100 RPM. ENGINES JW6H-UFAD80, AA80 USE (SC81A@1760RPM) (CDS50-SC@2100RPM)  
 7. COS50-SC only for 1470-2100 RPM SC814 only for 2350-2650 RPM

REV	DESCRIPTION	ECN#	DWN	APVD	DATE
G	ADDED STYLE # 1 BACK TO JX6H ENGINE MODELS	-	DGP	KRW	08AUG11
H	CHANGES TO DIMS B, C, D, & E. ADDED DR & DS ENGINE MODELS, ADDED NEW GUARD KITS	2524	MAL	KRW	21DEC11
J	UPDATED GUARD AND END CAP P/N'S, NOTE 2 REFERENCED C132622, UPDATED NOTES 3-5.	2830	MLL	KFE	09MAY13
K	ADDED NEW ENGINE MODELS	3306	DGP	KRW	16DEC13
L	DIM "C" FOR C101139 WAS 189.5[7.46] IN ERROR	3721	MLL	JCA	17OCT14
M	ADDED ZF6H MODELS	3968	GRM	JCA	5FEB15

<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO CONTROLLED DRAWING		<b>CLARKE</b> Fire Protection Products, Inc.	
DRAWN: RJTOLLE DATE: 21MAY08	NAME: GUARDING FOR  LISTED AND NON-LISTED DRIVESHAFTS	MATERIAL: ALUMINUM	PART NO.: D624
ENGR: KWAULIGMAN	REV: M	UNITS: MM [INCH]	PAGE OF 1 1

# AURORA® FIRE PUMPS

## DIESEL ENGINE MUFLERS



ENGINE MODEL	MUFLER INLET & OUTLET	COMMERCIAL GRADE			RESIDENTIAL GRADE			CRITICAL GRADE		
		A	B	WGT	A	B	WGT	A	B	WGT
<b>CATERPILLAR</b>										
3406C	6" FLANGED	12	42	35	12	54	43	16	73	131
3412C*, 3508C, C18*	8" FLANGED	18	49	110	18	61	124	20	75	220
<b>CLARKE FIRE PROTECTION</b>										
JU4H-UF10, -UF12, -UF14, -UF20, -UF22, -UF24, -UFAB26, -UFAEA0, -UFAEE8, -UFAEF2, -UFADJ2, -UFADJ8	3" NPT	8	36	19	8	42	21	10	42	42
JU4R-UF09, -UF11, -UF13, -UF19, -UF21, -UF23, -UFAEA9, -UFAEE7, -UFAEF1	3" NPT	8	36	19	8	42	21	10	42	42
JU4H-UF30, -UF32, -UF34, -UF40, -UF42, -UF 50, -UF52, -UF54, -UF58, -UFADJG, -UFADPO, -UFADRO, -UFADW8, -UFADY8, -UFAD5G	4" FLANGED	10	36	24	10	46	29	12	55	68
JU4R-UF40, -UF49, UF51 -UF53	4" FLANGED	10	36	24	10	46	29	12	55	68
JU6H-UF30, -UF32, -UF34, -UF 50, -UF52, -UF54, -UF58, -UF60, -UF62, -UF62, -UF68, -UF84, -UFAAPG, -UFAAQ8, -UFAARG, -UFAASO, -UFAB76, -UFABLO, -UFABL8, -UFDO, -UFD2, -UFG8, -UFMO, -UFM2, -UFM8, -UFAD58, -UFAD88, -UFADMO, -UFADM8, -UFADNO, -UFADNG, -UFADP8	5" FLANGED	10	42	27	10	54	34	14	61	92
DP6H SERIES	5" FLANGED	10	42	27	10	54	34	14	61	92
JW6H-UF30, -UF40, UF48	5" FLANGED	10	42	27	10	54	34	14	61	92
DS0H SERIES*	5" FLANGED	10	42	27	10	54	34	14	61	92
DR8H SERIES*	5" FLANGED	10	42	27	10	54	34	14	61	92
JW6H-UF50, -UF58, -UF60, -UF8, -UFAAM8, -UFAA80, -UFADDO, -UFADBO, -UFADFO, -UFADJO, -FAD70, -UFAD80	6" FLANGED	12	42	35	12	54	43	16	73	131
JU6H-UFAD98, -UFADPO, -UFADQO, -UFADRO, -UFADR8, -UFADSO, -UFADS8, -FADTO, -UFADW8 -UFADX8	6" FLANGED	12	42	35	12	54	43	16	73	131
DQ6H SERIES	6" FLANGED	12	42	35	12	54	43	16	73	131
DT2H SERIES*	6" FLANGED	12	42	35	12	54	43	16	73	131
JX6H SERIES	8" FLANGED	18	49	110	18	61	124	20	75	220
<b>CUMMINS</b>										
CFP5E, CFP59, CFP7E Series	4" NPT, FLANGED	10	36	24	10	46	29	12	55	68
CFP83 Series	4" NPT, FLANGED	10	36	24	10	46	29	12	55	68
CFP9E Series	5" NPT, FLANGED	10	42	27	10	54	34	14	61	92
CFP11E Series	5" NPT, FLANGED	10	42	27	10	54	34	14	61	92
CFP15E Series	6" FLANGED	12	42	35	12	54	43	16	73	131
CFP23E Series	8" NPT, FLANGED	18	49	110	18	61	124	20	75	220
CFP30E Series	10" NPT, FLANGED	22	64	205	22	75	220	28	99	360
<b>DEUTZ</b>										
DFP4-2011 Series	3" NPT	8	36	19	8	42	21	10	42	42
DFP4-2012 Series	4" FLANGED	10	36	24	10	46	29	12	55	68
DFP6 Series	6" FLANGED	12	42	35	12	54	43	16	73	131

## JU6H-UFADX8 FIRE PUMP DRIVER NOISE DATA

### Mechanical Engine Noise \*

RPM	BHP	OVERALL dB(A)	Octave Band									
			31.5 Hz dB(A)	63 Hz dB(A)	125 Hz dB(A)	250 Hz dB(A)	500 Hz dB(A)	1k Hz dB(A)	2k Hz dB(A)	4k Hz dB(A)	8k Hz dB(A)	16k Hz dB(A)
1760	305	109.2	67.0	69.2	82.6	89.2	97.1	99.7	104.9	103.4	101.7	101.7

### Raw Exhaust Engine Noise \*\*

RPM	BHP	OVERALL dB(A)	Octave Band									
			31.5 Hz dB(A)	63 Hz dB(A)	125 Hz dB(A)	250 Hz dB(A)	500 Hz dB(A)	1k Hz dB(A)	2k Hz dB(A)	4k Hz dB(A)	8k Hz dB(A)	16k Hz dB(A)
1760	305	112.1		101.8	106.2	100.9	103.1	102.7	105.4	102.6	92.3	85.9

\* Values above are provided at 3.3ft (1m) from engine block and do not include the raw exhaust noise.

\*\* Values above are provided at 23ft (7m), 90 ° horizontal, from a vertical exhaust outlet and does not include noise created mechanically by the engine.

The above data reflects values for a typical engine of this model, speed and power in a free-field environment.

Installation specifics such as background noise level and amplification of noise levels from reflecting off of surrounding objects, will affect the overall noise levels observed. As a result of this, Clarke makes no guarantees to the above levels in an actual installation.



FORM



TITLE:	<b>SUPPLIER DOCUMENT FRONT SHEET</b>	DOC. NO.:	D01-0005-001 Rev 0
PROJECT NAME:	<b>Rainy River Project</b>	PROJECT NO.:	

**National Process**

Company Name

**100126-PJ040**

PO/Contract Number

**Fire Pump Package**

Package/Contract Description

**Catalogue Data/ Cut Sheet (Diesel Engine)**

Document Title

<b>14</b>	<b>6-Nov-15</b>	<b>Nabil Francis</b>	<b>Nabil Francis</b>
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Total Number of Pages  
(Including Front Sheet)

Submission Date

Submitted By - Print Name

Supplier Approval - Signature

Equipment Tag Number(s) **2530-PU-1002-MO**


Secondary SDDRL Code(s)


<b>7107233D11-5</b>	<b>00</b>
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Supplier/Contractor Document Number

Supplier Rev.

<b>100126-PJ040-D01-0005.001</b>	<b>1</b>
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AMEC Project Document No.

AMEC Issue No.

Note: This FRONT SHEET is to be used for all non-drawing documents and if the drawing does not have sufficient space for an electronic decal.

## SUPPLIER REVIEW



**1**

**REVIEWED AND ACCEPTED WITH NO COMMENT.**

PERMISSION TO PROCEED DOES NOT CONSTITUTE ACCEPTANCE OF DESIGN, CALCULATIONS, TEST METHODS OR MATERIAL DEVELOPED OR SELECTED BY SELLER AND DOES NOT RELIEVE SELLER FROM FULL COMPLIANCE WITH CONTRACTUAL OR OTHER OBLIGATIONS.

Fischer, Zach  
01:59 PM, 18/11/2015

Developed or selected by  
ons.

OF COMMENTS

### FM-UL-cUL APPROVED RATINGS BHP/KW

### 2530-PU-1002-MO

JU6H MODEL ◆	RATED SPEED								US-EPA (NSPS) Available Until ●
	1760		2100		2350		2400		
UFADMG			175	131	175	131			No Expiration
UFAD58	183	137							No Expiration
UFADNG	190	142	181	135	183	137	183	137	No Expiration
UFADN0	197	147	197	147	200	149	200	149	No Expiration
UFADP0			209	156	211	157	211	157	No Expiration
UFADP8	220	164							No Expiration
UFADQ0			224	167	226	169	226	169	No Expiration
UFAD88	237	177							No Expiration
UFADR0			238	177.5	240	179	240	179	No Expiration
UFADR8	250	187							No Expiration
UFADS8	260	194							No Expiration
UFADS0			260	194	268	200	268	200	No Expiration
UFADT0			274	204	275	205	275	205	No Expiration
UFADW8	282	211							No Expiration
UFADX8	305	227.5							No Expiration
UFAD98	315	235							No Expiration



Picture represents JU6H-TRWA Power Tech Plus Engine Series

● USA EPA (NSPS) Tier 3 Emissions Certified Off-Road (40 CFR Part 89) and NSPS Stationary (40 CFR Part 60 Sub Part III). Meet EU Stage IIIA emission levels.

◆ All Models available for Export

### SPECIFICATIONS

ITEM	JU6H MODELS															
	MG	58	NG	N0	P8	88	P0	Q0	R0	S0	T0	R8	S8	W8	X8	98
Number of Cylinders	6															
Aspiration	TRWA															
Rotation*	CW															
Overall Dimensions – in. (mm)	45.8 (1163) H x 56.7 (1414) L x 36.7 (933) W								46.9 (1191) H x 58.6 (1488) L x 40.0 (1015) W							
Crankshaft Centerline Height – in. (mm)	14 (356)															
Weight – lb (kg)	1747 (791)															
Compression Ratio	19.0:1								17.0:1							
Displacement – cu. in. (L)	415 (6.8)															
Engine Type	4 Stroke Cycle – Inline Construction															
Bore & Stroke – in. (mm)	4.19 x 5.00 (106 x 127)															
Installation Drawing	D628															
Wiring Diagram AC	C07651															
Wiring Diagram DC	C071367, C072146, C071361								C071368, C072146, C071761							
Engine Series	John Deere 6068 Series Power Tech E								John Deere 6068 Series Power Tech Plus							
Speed Interpolation	N/A															

Abbreviations: CW – Clockwise TRWA – Turbocharged with Raw Water Aftercooling N/A - Not Available L – Length W – Width H - Height

\*Rotation viewed from Heat Exchanger / Front of engine

#### CERTIFIED POWER RATING

- Each engine is factory tested to verify power and performance.
- FM-UL power ratings are shown at specific speeds, Clarke engines can be applied at a single rated RPM setting ± 50 RPM.

#### ENGINE RATINGS BASELINES

- Engines are to be used for stationary emergency standby fire pump service only. Engines are to be tested in accordance with NFPA 25.
- Engines are rated at standard SAE conditions of 29.61 in. (752.1 mm) Hg barometer and 77°F (25°C) inlet air temperature [approximates 300 ft. (91.4 m) above sea level] by the testing laboratory (see SAE Standard J 1349).
- A deduction of 3 percent from engine horsepower rating at standard SAE conditions shall be made for diesel engines for each 1000 ft. (305 m) altitude above 300 ft. (91.4 m)
- A deduction of 1 percent from engine horsepower rating as corrected to standard SAE conditions shall be made for diesel engines for every 10°F (5.6°C) above 77°F (25°C) ambient temperature.



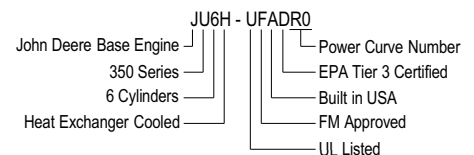
JU6H-UFADMG	JU6H-UFADP0	JU6H-UFADR0	JU6H-UFADT0
JU6H-UFAD58	JU6H-UFADP8	JU6H-UFADR8	JU6H-UFADW8
JU6H-UFADNG	JU6H-UFADQ0	JU6H-UFADS8	JU6H-UFADX8
JU6H-UFADN0	JU6H-UFAD88	JU6H-UFADS0	JU6H-UFAD98

### ENGINE EQUIPMENT

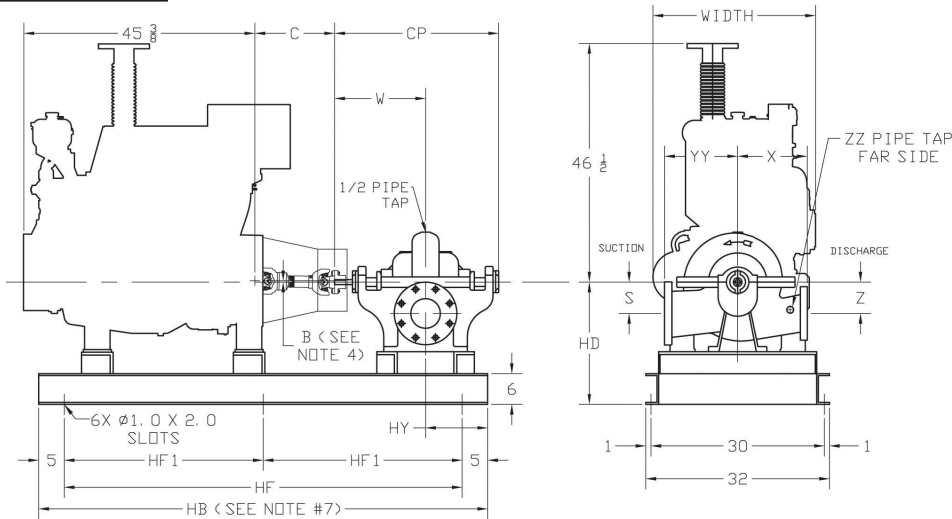
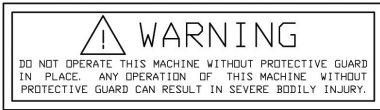
EQUIPMENT	STANDARD	OPTIONAL
Air Cleaner	Direct Mounted, Washable, Indoor Service with Drip Shield	Disposable, Drip Proof, Indoor Service Outdoor Type, Single or Two Stage (Cyclonic)
Alarms	Overspeed Alarm & Shutdown, Low Oil Pressure, Low & High Coolant Temperature, Low Raw Water Flow, High Raw Water Temperature, Alternate ECM Warning, Fuel Injection Malfunction, ECM Warning and Failure with Automatic Switching	Low Coolant Level, Low Oil Level, Oil Filter Differential Pressure, Fuel Filter Differential Pressure, Air Filter Restriction
Alternator	12V-DC, 42 Amps with Poly-Vee Belt and Guard	24V-DC, 40 Amps with Poly-Vee Belt and Guard
Coupling	Bare Flywheel	UL Listed Driveshaft and Guard, JU6H-UFAD58/NG/ADMG/ADM8/K0/N0/Q0/R0-CDS30-S1; JU6H-UFADP8/P0/T0/88/R8/S8/S0/W8/X8/98 - CDS50-SC at 1760/2100 RPM only
Electronic Control Module	12V-DC, Energized to Stop, Primary ECM always Powered on	24V-DC, Energized to Stop, Primary ECM always Powered on
Engine Heater	115V-AC, 1360 Watt	230V-AC, 1360 Watt
Exhaust Flex Connection	SS Flex, 150# ANSI Flanged Connection, 5" for JU6H-UFAD58/MG/NG/N0/P8/88; SS Flex, 150# ANSI Flanged Connection, 6" for JU6H-UFADP0/Q0/R0/S0/T0/R8/S8/W8/X8/98 (w/ orifice plate)	SS Flex, 150# ANSI Flanged Connection, 6" for JU6H-UFAD58/MG/NG/N0/P8/88; SS Flex, 150# ANSI Flanged Connection, 8" for JU6H-UFADP0/Q0/R0/S0/T0/R8/S8/W8/X8/98 (w/ orifice plate)
Exhaust Protection	Metal Guards on Manifolds and Turbocharger	
Flywheel Housing	SAE #3	
Flywheel Power Take Off	11.5" SAE Industrial Flywheel Connection	
Fuel Connections	Fire Resistant, Flexible, USA Coast Guard Approved, Supply and Return Lines	SS, Braided, cUL Listed, Supply and Return Lines
Fuel Filter	Primary Filter with Priming Pump	
Fuel Injection System	High Pressure Common Rail	
Governor, Speed	Dual Electronic Control Modules	
Heat Exchanger	Tube and Shell Type, 60 PSI (4 BAR), NPT(F) Connections – Sea Water Compatible	
Instrument Panel	Multimeter to Display English and Metric, Tachometer, Hourmeter, Water Temperature, Oil Pressure and One (1) Voltmeter with Toggle Switch, Front Opening	
Junction Box	Integral with Instrument Panel; For DC Wiring Interconnection to Engine Controller	
Lube Oil Cooler	Engine Water Cooled, Plate Type	
Lube Oil Filter	Full Flow with By-Pass Valve	
Lube Oil Pump	Gear Driven, Gear Type	
Manual Start Control	On Instrument Panel with Control Position Warning Light	
Overspeed Control	Electronic, Factory Set, Not Field Adjustable	
Raw Water Cooling Loop w/Alarms	Galvanized	Seawater, All 316SS, High Pressure
Raw Water Cooling Loop Solenoid Operation	Automatic from Fire Pump Controller and from Engine Instrument Panel (for Horizontal Fire Pump Applications)	Not Supplied (for Vertical Turbine Fire Pump Applications)
Run – Stop Control	On Instrument Panel with Control Position Warning Light	
Starters	Two (2) 12V-DC	Two (2) 24V-DC
Throttle Control	Adjustable Speed Control by Increase/Decrease Button, Tamper Proof in Instrument Panel	
Water Pump	Centrifugal Type, Poly-Vee Belt Drive with Guard	

Abbreviations: DC – Direct Current, AC – Alternating Current, SAE – Society of Automotive Engineers, NPT(F) – National Pipe Tapered Thread (Female), ANSI – American National Standards Institute, SS – Stainless Steel

#### MODEL NOMENCLATURE: (10 Digit Models)



**AURORA® 481 PUMPS**  
 SINGLE-STAGE FIRE PUMPS  
 CLARKE DIESEL ENGINE DRIVE  
 JU6H-UFAD-K0, M8, MG, 58, NG, N0, P8, P0,  
 Q0, R0, S0, T0, 88, R8, S8, W8, X8, 98  
 EPA NSPSTIER 3 CERTIFIED



ENGINE MODEL: JU6H-UFAD_	C	UL LISTED DRIVESHAFT*	B DRIVESHAFT OFFSET DIMENSION
K0*, M8, MG, 58, NG, N0, Q0, R0	15-5/8	CDS30-S1	0.35
P8, P0, S0, T0, 88, R8, S8, W8, X8, 98	20-3/8	CDS50-SC (1760 & 2100 RPM)	0.45

\*For engines with speeds of 1760 & 2100 RPM only. For 2350 RPM use a non-listed driveshaft.

ENGINE MODEL: JU6H-UFAD_	C	NON-LISTED DRIVESHAFT**	B DRIVESHAFT OFFSET DIMENSION
T0, S0, P0, R0	20-3/8	SC81A (2350 RPM)	0.45

\*\*For engines with speeds of 2350 RPM only. There is no listed driveshaft available in this HP range.

PUMP SIZE			SUCTION	POWER SERIES	S	W	X	Z	CP	YY	ZZ	HB	HD	HF	HF1	HY
DISCH	MODEL	CASE BORE														
5	481	17	6	4	6-1/4	16	14	5-1/4	28-1/2	15	1-1/4	88	20	78	39	14
6	481	11HH	8	4A	8-5/8	18-1/8	10	8-5/8	32-7/8	15	1-1/4	88	23	78	39	11-7/8
6	481	14HH	8	5A	7-1/2	20-1/2	15	7-1/2	36-3/4	17	1-1/4	98	23	88	44	19-9/16
6	481	15	8	5	6-3/4	18	14-1/4	6-3/4	32	16-3/4	1-1/4	88	21	78	39	12
6	481	18	8	5	8	18	16	8	32	18	1-1/4	88	22	78	39	12
6	481	20	8	5	8	18	15-3/4	8	32	18	1-1/4	88	22	78	39	12
8	481	17B	10	5	8	18	17	8	32	17-3/4	2	88	24	78	39	12
8	481	21	10	6B	9-1/2	21-7/8	18	9-1/2	38	21	2	98	25	88	44	18-1/8
10	481	15	12	6B	13-1/2	21-7/8	17	13-1/2	38	20	1-1/4	98	31	88	44	13-1/8
10	481	18	12	6B	13-1/2	21-7/8	17	13-1/2	38	22	2	98	31	88	44	13-1/8
10	481	18D	12	7A	12-1/4	24-1/4	20	12-1/4	43	24	2	98	31	88	44	15.69

NOTES:

- All dimensions are in inches and may vary ±3/8".
- Not for construction purposes, unless certified.
- Caution: The driveshaft is designed to operate at a 2° angle with the input and output shafts in parallel. The engine crankshaft is to be set with a parallel offset of "B" ± 0.10 inches vertically above the pump shaft and 0.00" ± 0.10 inch parallel offset horizontally right or left of the pump shaft. Refer to the Certified Driveshaft Instructions Manual for alignment instructions.
- Pump suction and discharge flanges are ANSI Standard flat face.
- Left-hand (counterclockwise) rotation is not available.
- Optional: base mounted controller (not shown) add 25" to "HB" (length of base) and 2 additional Ø1.00 x 2.00 slots.

**INSTALLATION & OPERATION DATA (I&O Data)**

USA Produced

**Basic Engine Description**

Engine Manufacturer	John Deere Co.
Ignition Type	Compression (Diesel)
Number of Cylinders	6
Bore and Stroke - in (mm)	4.19 (106) X 5 (127)
Displacement - in <sup>3</sup> (L)	415 (6.8)
Compression Ratio	17.0:1
Valves per cylinder	
Intake	2
Exhaust	2
Combustion System	Direct Injection
Engine Type	In-Line, 4 Stroke Cycle
Fuel Management Control	Electronic, High Pressure Common Rail
Firing Order (CW Rotation)	1-5-3-6-2-4
Aspiration	Turbocharged
Charge Air Cooling Type	Raw Water
Rotation, viewed from front of engine, Clockwise (CW)	Standard
Engine Crankcase Vent System	Open
Installation Drawing	D628
Weight - lb (kg)	1747 (792)

**Power Rating**

**1760**

Nameplate Power - HP (kW)	305 (227.5)
---------------------------	-------------

**Cooling System - [C051386]**

**1760**

Engine Coolant Heat - Btu/sec (kW)	143 (151)
Engine Radiated Heat - Btu/sec (kW)	69 (72.8)
Heat Exchanger Minimum Flow	
60°F (15°C) Raw H <sub>2</sub> O - gal/min (L/min)	28 (106)
100°F (37°C) Raw H <sub>2</sub> O - gal/min (L/min)	38 (144)
Heat Exchanger Maximum Cooling Raw Water	
Inlet Pressure - psi (bar)	60 (4.1)
Flow - gal/min (L/min)	40 (151)
Typical Engine H <sub>2</sub> O Operating Temp - °F (°C) <sup>[1]</sup>	180 (82.2) - 195 (90.6)
Thermostat	
Start to Open - °F (°C)	180 (82.2)
Fully Opened - °F (°C)	203 (95)
Engine Coolant Capacity - qt (L)	22.2 (21)
Coolant Pressure Cap - lb/in <sup>2</sup> (kPa)	15 (103)
Maximum Engine Coolant Temperature - °F (°C)	230 (110)
Minimum Engine Coolant Temperature - °F (°C)	160 (71.1)
High Coolant Temp Alarm Switch - °F (°C) <sup>[2]</sup>	235 (113) - 241 (116)

**Electric System - DC**

**Standard**

**Optional**

System Voltage (Nominal)	12		24	
Battery Capacity for Ambients Above 32°F (0°C)				
Voltage (Nominal)	12	[C07633]	24	[C07633]
Qty. Per Battery Bank	1		2	
SAE size per J537	8D		8D	
CCA @ 0°F (-18°C)	1400		1400	
Reserve Capacity - Minutes	430		430	
Battery Cable Circuit, Max Resistance - ohm	0.0012		0.0012	
Battery Cable Minimum Size				
0-120 in. Circuit Length <sup>[3]</sup>	00		00	
121-160 in. Circuit Length <sup>[3]</sup>	000		000	
161-200 in. Circuit Length <sup>[3]</sup>	0000		0000	
Charging Alternator Maximum Output - Amp,	40	[C071363]	55	[C071365]
Starter Cranking Amps, Rolling - @60°F (15°C)	440	[RE69704/RE70404]	250	[C07819/C07820]

NOTE: This engine is intended for indoor installation or in a weatherproof enclosure. <sup>1</sup>Engine H<sub>2</sub>O temperature is dependent on raw water temperature and flow. <sup>2</sup>High Coolant Switch threshold varies with engine load. <sup>3</sup>Positive and Negative Cables Combined Length.

**INSTALLATION & OPERATION DATA (I&O Data)**

USA Produced

**Exhaust System**

**1760**

Exhaust Flow - ft. <sup>3</sup> /min (m <sup>3</sup> /min) -----	1400 (39.6)
Exhaust Temperature - °F (°C) -----	961 (516)
Maximum Allowable Back Pressure - in H <sub>2</sub> O (kPa) -----	30 (7.5)
Minimum Exhaust Pipe Dia. - in (mm) <sup>[4]</sup> -----	6 (152)

**Fuel System**

**1760**

Fuel Consumption - gal/hr (L/hr) -----	14.6 (55.3)
Fuel Return - gal/hr (L/hr) -----	21.3 (80.6)
Fuel Supply - gal/hr (L/hr) -----	35.9 (136)
Fuel Pressure - lb/in <sup>2</sup> (kPa) -----	3 (20.7) - 6 (41.4)
Minimum Line Size - Supply - in. -----	.50 Schedule 40 Steel Pipe
Pipe Outer Diameter - in (mm) -----	0.848 (21.5)
Minimum Line Size - Return - in. -----	.375 Schedule 40 Steel Pipe
Pipe Outer Diameter - in (mm) -----	0.675 (17.1)
Maximum Allowable Fuel Pump Suction Lift with clean Filter - in H <sub>2</sub> O (mH <sub>2</sub> O) -----	80 (2)
Maximum Allowable Fuel Head above Fuel pump, Supply or Return - ft (m) -----	6.6 (2)
Fuel Filter Micron Size -----	2 (Secondary)

**Heater System**

**Standard**

**Optional**

Engine Coolant Heater		
Wattage (Nominal) -----	1360	1360
Voltage - AC, 1 Phase -----	115 (+5% -10%)	230 (+5%, -10%)
Part Number -----	[C123640]	[C123644]

**Air System**

**1760**

Combustion Air Flow - ft. <sup>3</sup> /min (m <sup>3</sup> /min) -----	525 (14.9)
Air Cleaner	<b>Standard</b>
Part Number -----	[C03244]
Type -----	Indoor Service Only, with Shield
Cleaning method -----	Washable
Air Intake Restriction Maximum Limit	
Dirty Air Cleaner - in H <sub>2</sub> O (kPa) -----	14 (3.5)
Clean Air Cleaner - in H <sub>2</sub> O (kPa) -----	7 (1.7)
Maximum Allowable Temperature (Air To Engine Inlet) - °F (°C) <sup>[5]</sup> -----	130 (54.4)

**Optional**

[C03327]
Canister, Single-Stage
Disposable

**Lubrication System**

Oil Pressure - normal - lb/in <sup>2</sup> (kPa) -----	40 (276) - 60 (414)
Low Oil Pressure Alarm Switch - lb/in <sup>2</sup> (kPa) <sup>[6]</sup> -----	30 (207) to 35 (241)
In Pan Oil Temperature - °F (°C) -----	220 (104) - 245 (118)
Total Oil Capacity with Filter - qt (L) -----	34.3 (32.5)

**Lube Oil Heater**

**Optional**

**Optional**

Wattage (Nominal) -----	150	150
Voltage -----	120V (+5%, -10%)	240V (+5%, -10%)
Part Number -----	C04430	C04431

**Performance**

**1760**

BMEP - lb/in <sup>2</sup> (kPa) -----	331 (2280)
Piston Speed - ft/min (m/min) -----	1467 (447)
Mechanical Noise - dB(A) @ 1m -----	C133380
Power Curve -----	C132969

<sup>4</sup>Based on Nominal System. Back pressure flow analysis must be done to assure maximum allowable back pressure is not exceeded. (Note: minimum exhaust Pipe diameter is based on: 15 feet of pipe, one 90° elbow, and a silencer pressure drop no greater than one half of the maximum allowable back pressure.) <sup>5</sup>Review for horsepower derate if ambient air entering engine exceeds 77°F (25°C). <sup>6</sup>Low Oil Pressure Switch threshold varies w/engine speed. [ ] indicates component reference part number.

**JU4H, JU4R & JU6H, JU6R ENGINE MODELS  
ENGINE MATERIALS AND CONSTRUCTION**

**Air Cleaner**

Type..... Indoor Usage Only  
Oiled Fabric Pleats  
Material..... Surgical Cotton  
Aluminum Mesh

**Air Cleaner - Optional**

Type..... Canister  
Material..... Pleated Paper  
Housing..... Enclosed

**Camshaft**

Material..... Cast Iron  
Chill Hardened  
Location..... In Block  
Drive..... Gear, Spur  
Type of Cam..... Ground

**Charge Air Cooler (JU6H-60,62,68,74,84, ADK0, AD58, ADNG, ADN0, ADQ0, ADR0, AAQ8, AARG, ADP8, ADP0, ADT0, AD88, ADR8, AD98, ADS0, ADW8, ADX8, AD98 only)**

Type..... Raw Water Cooled  
**Materials (in contact with raw water)**  
Tubes..... 90/10 CU/NI  
Headers ..... 36500 Muntz  
Covers ..... 83600 Red Brass  
Plumbing ..... 316 Stainless Steel/ Brass  
90/10 Silicone

**Charge Air Cooler (JU6R-AA67, 59, 61, PF, Q7, RF, S9, 83 only)**

Type..... Air to Air Cooled  
**Materials**  
Core..... Aluminum

**Coolant Pump**

Type..... Centrifugal  
Drive..... Poly Vee Belt

**Coolant Thermostat**

Type..... Non Blocking  
Qty..... 1

**Cooling Loop (Galvanized)**

Tees, Elbows, Pipe..... Galvanized Steel  
Ball Valves..... Brass ASTM B 124,  
Solenoid Valve..... Brass  
Pressure Regulator..... Bronze  
Strainer..... Cast Iron (1/2" - 1" loops) or  
Bronze (1.25" - 2" loops)

**Cooling Loop (Sea Water)**

Tees, Elbows, Pipe..... 316 Stainless Steel  
Ball Valves..... 316 Stainless Steel  
Solenoid Valve..... 316 Stainless Steel  
Pressure Regulator/Strainer Cast Brass ASTM B176  
C87800

**Cooling Loop (316SS)**

Tees, Elbows, Pipe..... 316 Stainless Steel  
Ball Valves..... 316 Stainless Steel  
Solenoid Valve..... 316 Stainless Steel  
Pressure Regulator/Strainer 316 Stainless Steel

**Connecting Rod**

Type..... I-Beam Taper  
Material..... Forged Steel Alloy

**Crank Pin Bearings**

Type..... Precision Half Shell  
Number..... 1 Pair Per Cylinder  
Material..... Wear-Guard

**Crankshaft**

Material..... Forged Steel  
Type of Balance..... Dynamic

**Cylinder Block**

Type..... One Piece with  
Non-Siamese Cylinders  
Material..... Annealed Gray Iron

**Cylinder Head**

Type..... Slab 2 Valve  
Material..... Annealed Gray Iron

**Cylinder Liners**

Type..... Centrifugal Cast, Wet Liner  
Material..... Alloy Iron Plateau, Honed

**Fuel Pump**

Type..... Diaphragm  
Drive..... Cam Lobe

**Heat Exchanger (USA) - JU4H & JU6H Only**

Type..... Tube & Shell  
**Materials**  
Tube & Headers..... Copper  
Shell..... Copper  
Electrode..... Zinc

**Heat Exchanger (UK) - JU4H & JU6H Only**

Type..... Tube & Bundle  
**Materials**  
Tube & Headers..... Copper  
Shell..... Aluminum

**Injection Pump**

Type..... Rotary  
Drive..... Gear

**Lubrication Cooler**

Type..... Plate

**Lubrication Pump**

Type..... Gear  
Drive..... Gear

**Main Bearings**

Type..... Precision Half Shells  
Material..... Steel Backed-Aluminum  
Lined

**Piston**

Type and Material..... Aluminum Alloy with  
Reinforced Top Ring Groove  
Cooling..... Oil Jet Spray

**Piston Pin**

Type..... Full Floating - Offset

**Piston Rings**

Number/Piston..... 3  
Top..... Keystone Barrel Faced -  
Plasma Coated  
Second..... Tapered Cast Iron  
Third..... Double Rail Type  
w/Expander Spring

**Radiator - JU4R & JU6R Only**

Type..... Plate Fin  
**Materials**  
Core..... Copper & Brass  
Tank & Structure..... Steel

**Valves**

Type..... Poppet  
Arrangement..... Overhead Valve  
Number/Cylinder..... 1 intake  
1 exhaust  
Operating Mechanism..... Mechanical Rocker Arm  
Type of Lifter..... Large Head  
Valve Seat Insert..... Replaceable

# CLARKE

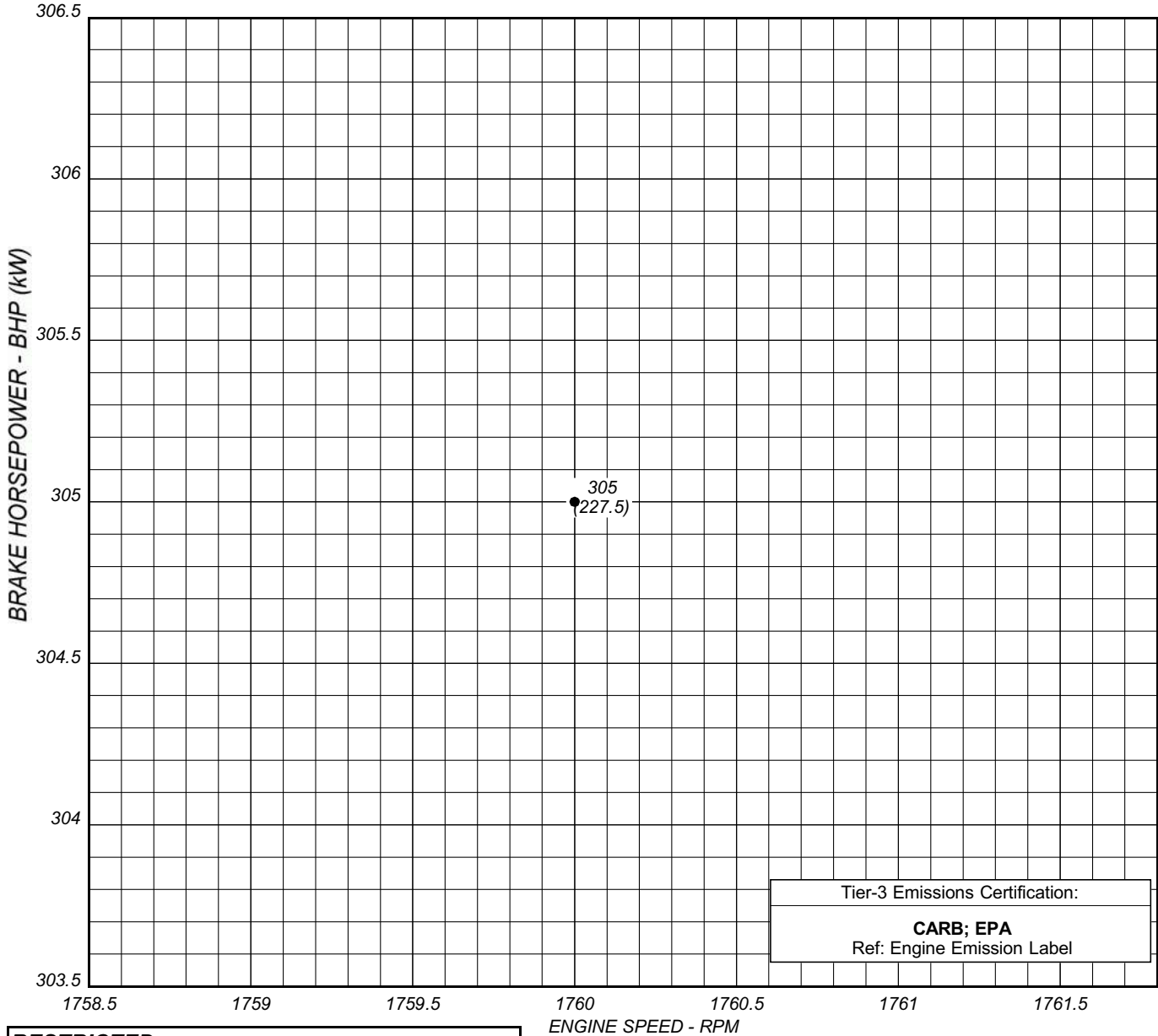
*Fire Protection Products, Inc.*

**FIRE PUMP MODEL: JU6H-UFADX8**

**Heat Exchanger Cooled**

**Raw Water Charge Cooling**

**Tier 3 Emissions Certified**



Tier-3 Emissions Certification:  
**CARB; EPA**  
Ref: Engine Emission Label

**RESTRICTED:**  
USE ONLY FOR STAND-BY FIRE PUMP APPLICATIONS

**ENGINE PERFORMANCE:**  
STANDARD CONDITIONS: (SAE J1349, ISO 3046)  
77°F (25°C) AIR INLET TEMPERATURE  
29.61 IN. (751.1MM) HG BAROMETRIC PRESSURE  
#2 DIESEL FUEL (SEE C13940)

  
KEVIN KUNKLER 06FEB09

● — ● NAMEPLATE BHP (MAXIMUM PUMP LOAD)

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CREATED	<i>KKE</i>	DATE CREATED	02/06/09
<b>ENGINE MODEL JU6H-UFADX8</b>			
DRAWING NO.	C132969	REV	A



8 7 6 5 4 3 2 1

**DO NOT SCALE**

**DATUMS:**

- A- - MOUNTING FACE OF FLYWHEEL
- B- - ENGINE CRANKSHAFT HORIZONTAL CENTERLINE
- C- - ENGINE CRANKSHAFT VERTICAL CENTERLINE
- CENTER OF GRAVITY OF ENGINE
- CLOCKWISE ROTATION WHEN VIEWED FROM FRONT OF ENGINE

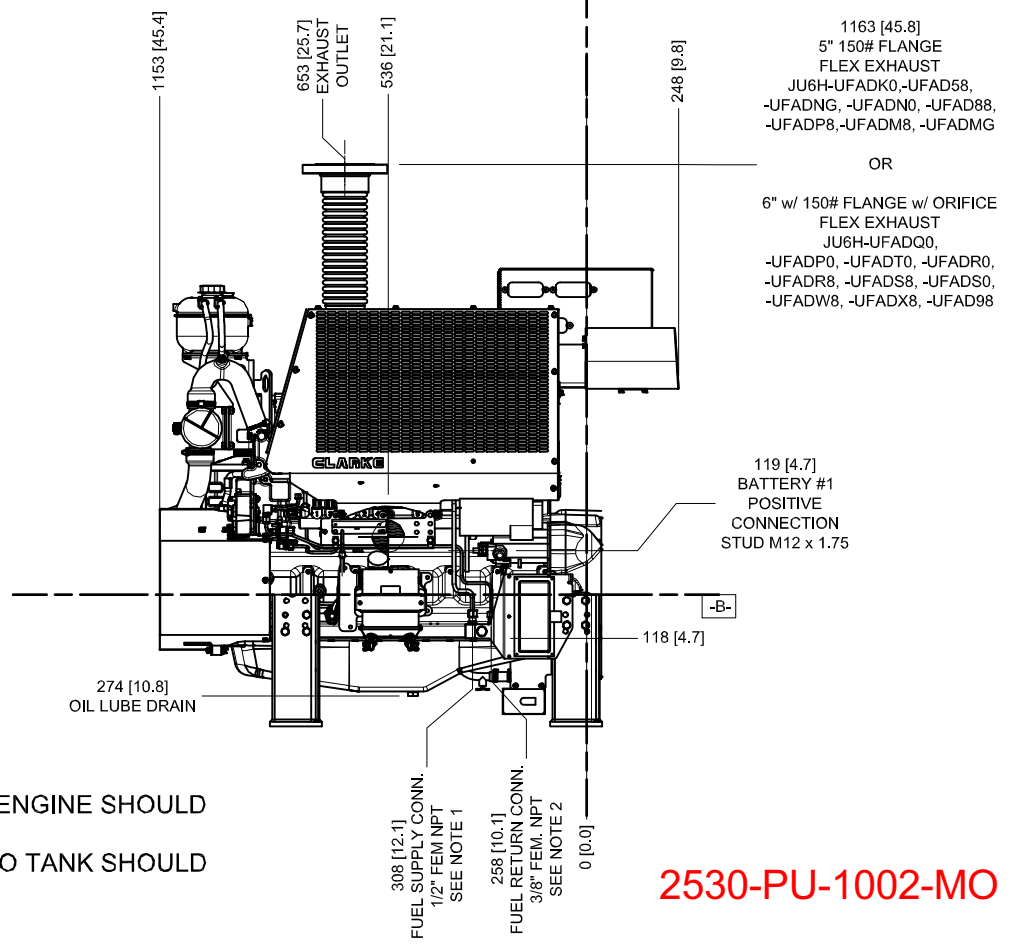
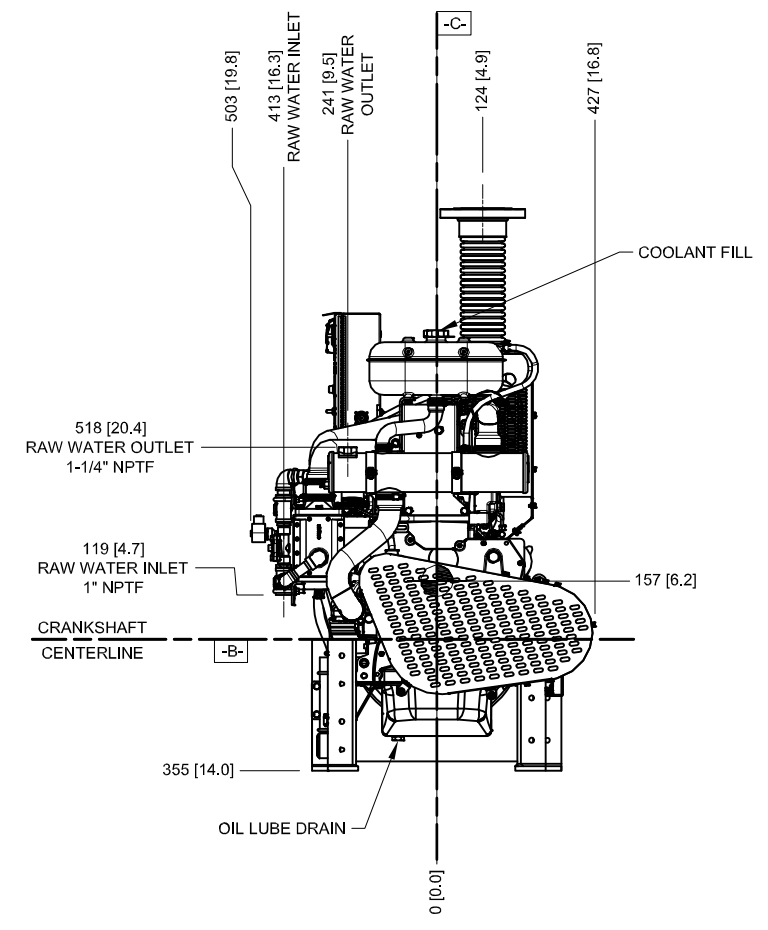
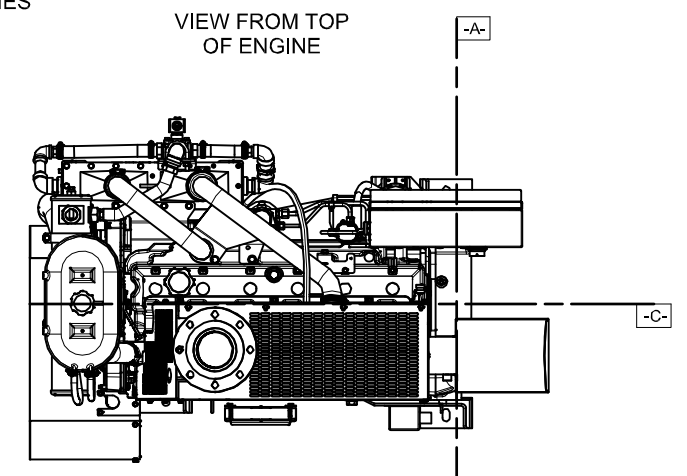
**CAUTION:**  
ALL PLUMBING MUST BE SUPPORTED AND/OR ISOLATED SO THAT NO WEIGHT OR STRESS IS APPLIED TO ANY ENGINE COMPONENT

**ATTENTION**  
REFER TO THE SPECIFIC MODEL "INSTALLATION AND OPERATION DATA" FOR INSTALLATION GUIDELINES

"TRWA" (TURBOCHARGED w/ RAW WATER AFTERCOOLING) MODELS	JU6H-UFAD58, -UFAD88 JU6H-UFADK0, -UFADNG JU6H-UFADP8, -UFADN0 JU6H-UFADM8, -UFADMG JU6H-UFADP8 (MODELS SHOWN)
	JU6H-UFAD98 -UFADP0 JU6H -UFADQ0, -UFADR0 JU6H-UFADR8, -UFADS0 JU6H-UFADS8, -UFADT0 JU6H-UFADW8, -UFADX8

**\*FOR ENGINES BUILT IN USA BEGINNING DECEMBER 2012**

**DRAWING SUBJECT TO CHANGE WITHOUT NOTICE**



- NOTES:**
- FUEL SUPPLY PIPING FROM TANK TO ENGINE SHOULD BE 1/2" MINIMUM PIPE DIAMETER.
  - FUEL RETURN PIPING FROM ENGINE TO TANK SHOULD BE 3/8" MINIMUM PIPE DIAMETER.

**2530-PU-1002-MO**

REV	DESCRIPTION	ECN#	DWN	APVD	DATE
B	ADDED NEW TIER 3 ENGINE MODELS	1645	KJM	<i>KJE</i>	06JAN09
C	ADDED JU6H-UFADP8 ENGINE MODEL	1645	MAL	<i>KJE</i>	23FEB09
D	REVISED EXH FLEX CONNECTION DATA	1645	DMP	<i>KJE</i>	09NOV09
E	REVISED EXH FLEX CONNECTION DATA	1997	JCA	<i>KJE</i>	23JUN10
F	REVISED ENGINE FOOT MOUNTING HOLE LOCATIONS - PAGE 2	1901	JCA	<i>ACC</i>	28JUL10
G	ADDED DIMENSIONS FRONT VIEW ZONE D6 PG1	2106	DMP	<i>KJE</i>	28OCT10
H	ADDED ENGINE MODELS: JU6H-UFADM8 & JU6H-UFADMG	2173	JCA	<i>KJE</i>	09DEC10
J	UPDATED MOUNTING FEET AND HEATER SETUP	2063	AMC	<i>MAD</i>	19JUL12
K	RAW WATER OUTLET WAS 1" NPTF	2649	MOH	<i>KJE</i>	04DEC12

<input checked="" type="checkbox"/> CONTROLLED DRAWING		<b>CLARKE</b> <i>Fire Protection Products, Inc.</i>	
DRWN: MWLEMING DATE: 2/25/2009 ENGR: KJKUNKLER	NAME: <b>INSTALLATION DRAWING, FIRE PUMP ENGINE JU6H TIER 3 MODELS</b>		
MATERIAL: ASSEMBLY	PART NO.: <b>D628</b>	SCALE: NTS	UNITS: MM [INCH]
REV: <b>K</b>		PAGE: 1	OF: 2

8 7 6 5 4 3 2 1

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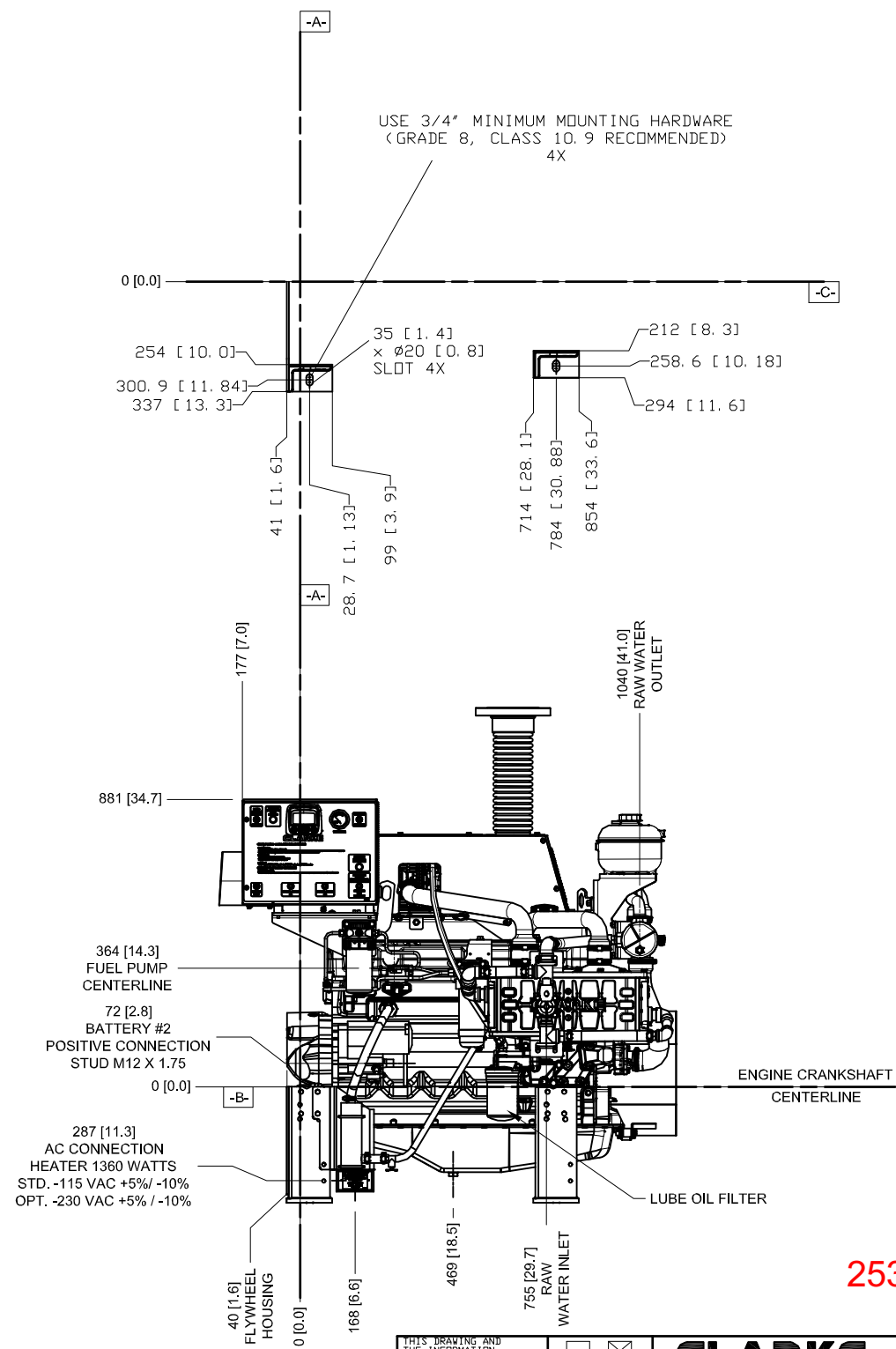
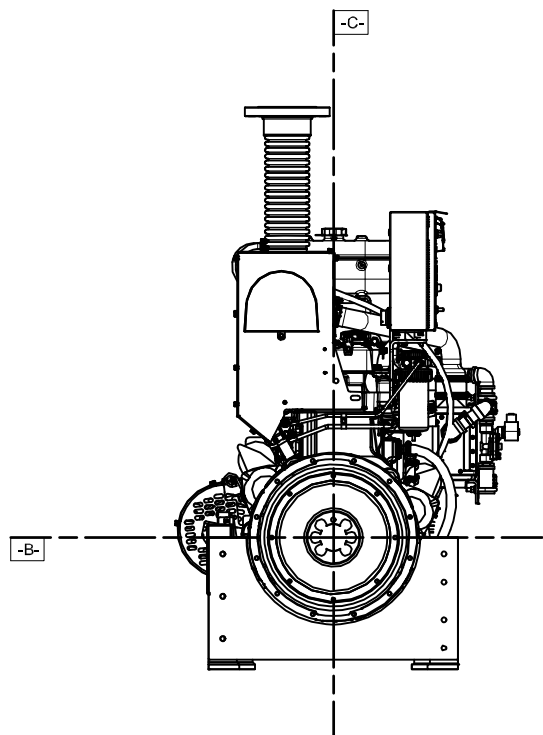
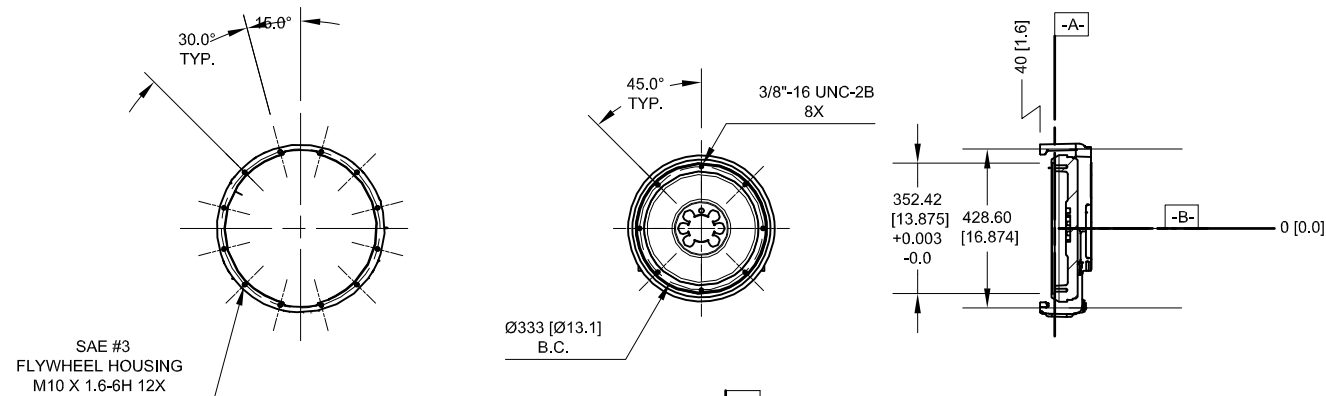
2

1

DO NOT SCALE

FOR ENGINE SPECIFIC OPTIONS  
SEE [www.CLARKEFIRE.com](http://www.CLARKEFIRE.com)

DETAIL DATUM -A-  
BARE FLYWHEEL



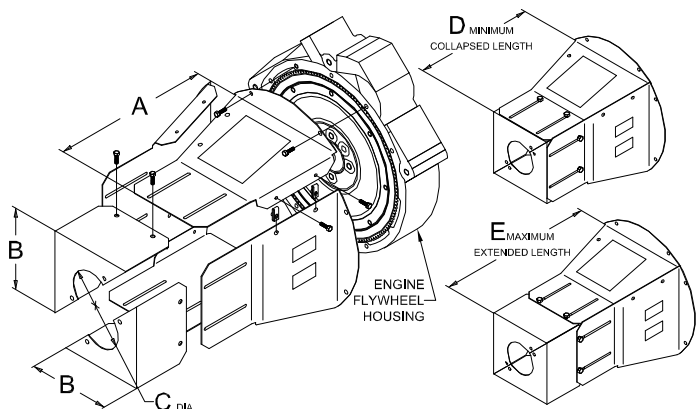
**DRAWING SUBJECT  
TO CHANGE  
WITHOUT NOTICE**

**\*FOR ENGINES BUILT IN USA  
BEGINNING DECEMBER 2012**

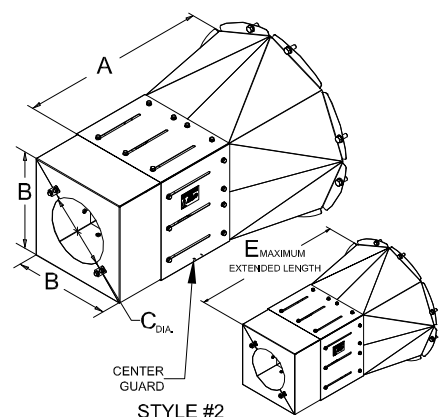
2530-PU-1002-MO

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DRWN	MWLEMING	NAME	INSTALLATION DRAWING, FIRE PUMP ENGINE JU6H TIER 3 MODELS		
DATE	2/25/2009	ENGR	KKUNKLER		
MATERIAL		PART NO.	D628		
ASSEMBLY		SCALE	NTS	UNITS	MM [INCH]
				PAGE	2
				OF	2





STYLE #1



STYLE #2

KIT PART NUMBER	USED WITH DRIVESHAFT MODEL		SAE FLYWHEEL HOUSING #	STYLE	GUARD PART NUMBER	CENTER GUARD PART NUMBER	END CAP PART NUMBER	USED WITH BASE ENGINE MODELS	A	B	C	D	E	
	LISTED	NON-LISTED												
C10382	CDS10-SC	USE LISTED DRIVESHAFT	3	#1	C101137	NA	C101143	JU4H & JU4R	247.7[9.75]	227.3[8.95]	109.5[4.32]	297.7[11.72]	373.9[14.72]	
C10383	CDS20-S1				JU6H & JU6R			381.0[15.00]	383.5[15.10]					507.2[19.97]
C10433	CDS30-S1				JU4H, JU4R, JU6H & JU6R									
C10455	CDS50-SC (SEE NOTE 6)	SC81A (SEE NOTE 6)	C101140	NA	C101142	JU6H, JU6R & JW6H (TIER 3/NON-EM)	541.0[21.30]	273.1[10.75]	125.4[4.94]	541.0[21.30]	686.6[27.03]			
C101091	USE NONLISTED DRIVESHAFT	SC2160A	1	#2	C101138	C101139	JX6H	305.3[12.02]	127.0[5.00]	EQUAL TO "A" DIMENSION	707.1[27.84]			
C101074	CDS50-SC (SEE NOTE 6)	SC81A (SEE NOTE 6)					C101072					DP6H	557.1[21.93]	
C101078	CDS50-SC (SEE NOTE 6)	USE LISTED DRIVESHAFT					C101071					DQ6H	745.2[29.34]	
C101080	USE NONLISTED DRIVESHAFT	SC2160A										DR8H, DS0H, & DT2H		
C101097	EXTENDED LENGTH DRIVESHAFTS	SC2390					C101079					DP6H, DQ6H, DR8H, DS0H, & DT2H	910.3[35.84]	
C101098	EXTENDED LENGTH DRIVESHAFTS	EXTENDED LENGTH DRIVESHAFTS					C101071					JX6H	745.2[29.34]	
							C101079						910.3[35.84]	

- NOTES:  
 1. GUARDING DESIGNED FOR FINGER SAFE OPERATION ONLY.  
 2. FOR HARDWARE REFERENCE C135181.  
 3. FOR ADAPTER DISCS SEE DRAWING D620.  
 4. FOR DRIVESHAFTS SEE DRAWING D615.  
 5. FOR COMPANION FLANGES SEE DRAWING D621.  
 6. CDS50-SC ONLY FOR 1470 THRU 2100 RPM. ENGINES JW6H-UFAD80, AA80 USE (SC81A@1760RPM) (CDS50-SC@2100RPM)  
 7. COS50-SC only for 1470-2100 RPM SC814 only for 2350-2650 RPM

REV	DESCRIPTION	ECN#	DWN	APVD	DATE
G	ADDED STYLE # 1 BACK TO JX6H ENGINE MODELS	-	DGP	KRW	08AUG11
H	CHANGES TO DIMS B, C, D, & E. ADDED DR & DS ENGINE MODELS, ADDED NEW GUARD KITS	2524	MAL	KRW	21DEC11
J	UPDATED GUARD AND END CAP P/N'S, NOTE 2 REFERENCED C132622, UPDATED NOTES 3-5.	2830	MLL	KFE	09MAY13
K	ADDED NEW ENGINE MODELS	3306	DGP	KRW	16DEC13
L	DIM "C" FOR C101139 WAS 189.5[7.46] IN ERROR	3721	MLL	JCA	17OCT14
M	ADDED ZF6H MODELS	3968	GRM	JCA	5FEB15

<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO CONTROLLED DRAWING		<b>CLARKE</b> Fire Protection Products, Inc.	
DRAWN: RJTOLLE DATE: 21MAY08	NAME: GUARDING FOR  LISTED AND NON-LISTED DRIVESHAFTS	ENGR: KWAULIGMAN	PART NO.: D624
MATERIAL: ALUMINUM		REV: M	PAGE: 1 OF 1
SIMILAR TO:		UNITS: MM [INCH]	

# AURORA® FIRE PUMPS

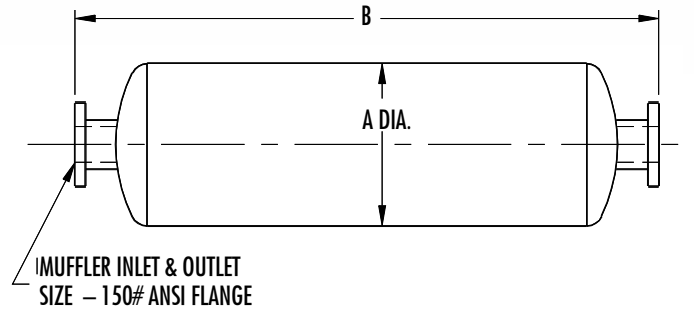
## DIESEL ENGINE MUFFLERS

Section **916** Page **261**

Date **July 2012**

Supersedes Section 916 Page 261

Dated August 2011



ENGINE MODEL	MUFFLER INLET & OUTLET	COMMERCIAL GRADE			RESIDENTIAL GRADE			CRITICAL GRADE		
		A	B	WGT	A	B	WGT	A	B	WGT
<b>CATERPILLAR</b>										
3406C	6" FLANGED	12	42	35	12	54	43	16	73	131
3412C*, 3508C, C18*	8" FLANGED	18	49	110	18	61	124	20	75	220
<b>CLARKE FIRE PROTECTION</b>										
JU4H-UF10, -UF12, -UF14, -UF20, -UF22, -UF24, -UFAB26, -UFAEA0, -UFAEE8, -UFAEF2, -UFADJ2, -UFADJ8	3" NPT	8	36	19	8	42	21	10	42	42
JU4R-UF09, -UF11, -UF13, -UF19, -UF21, -UF23, -UFAEA9, -UFAEE7, -UFAEF1	3" NPT	8	36	19	8	42	21	10	42	42
JU4H-UF30, -UF32, -UF34, -UF40, -UF42, -UF 50, -UF52, -UF54, -UF58, -UFADJG, -UFADPO, -UFADRO, -UFADW8, -UFADY8, -UFAD5G	4" FLANGED	10	36	24	10	46	29	12	55	68
JU4R-UF40, -UF49, UF51 -UF53	4" FLANGED	10	36	24	10	46	29	12	55	68
JU6H-UF30, -UF32, -UF34, -UF 50, -UF52, -UF54, -UF58, -UF60, -UF62, -UF62, -UF68, -UF84, -UFAAPG, -UFAAQ8, -UFAARG, -UFAASO, -UFAB76, -UFABLO, -UFABL8, -UFDO, -UFD2, -UFG8, -UFMO, -UFM2, -UFM8, -UFAD58, -UFAD88, -UFADMO, -UFADM8, -UFADNO, -UFADNG, -UFADP8	5" FLANGED	10	42	27	10	54	34	14	61	92
DP6H SERIES	5" FLANGED	10	42	27	10	54	34	14	61	92
JW6H-UF30, -UF40, UF48	5" FLANGED	10	42	27	10	54	34	14	61	92
DS0H SERIES*	5" FLANGED	10	42	27	10	54	34	14	61	92
DR8H SERIES*	5" FLANGED	10	42	27	10	54	34	14	61	92
JW6H-UF50, -UF58, -UF60, -UF8, -UFAAM8, -UFAA80, -UFADDO, -UFADBO, -UFADFO, -UFADJO, -FAD70, -UFAD80	6" FLANGED	12	42	35	12	54	43	16	73	131
JU6H-UFAD98, -UFADPO, -UFADQO, -UFADRO, -UFADR8, -UFADSO, -UFADS8, -FADTO, -UFADW8 -UFADX8	6" FLANGED	12	42	35	12	54	43	16	73	131
DQ6H SERIES	6" FLANGED	12	42	35	12	54	43	16	73	131
DT2H SERIES*	6" FLANGED	12	42	35	12	54	43	16	73	131
JX6H SERIES	8" FLANGED	18	49	110	18	61	124	20	75	220
<b>CUMMINS</b>										
CFP5E, CFP59, CFP7E Series	4" NPT, FLANGED	10	36	24	10	46	29	12	55	68
CFP83 Series	4" NPT, FLANGED	10	36	24	10	46	29	12	55	68
CFP9E Series	5" NPT, FLANGED	10	42	27	10	54	34	14	61	92
CFP11E Series	5" NPT, FLANGED	10	42	27	10	54	34	14	61	92
CFP15E Series	6" FLANGED	12	42	35	12	54	43	16	73	131
CFP23E Series	8" NPT, FLANGED	18	49	110	18	61	124	20	75	220
CFP30E Series	10" NPT, FLANGED	22	64	205	22	75	220	28	99	360
<b>DEUTZ</b>										
DFP4-2011 Series	3" NPT	8	36	19	8	42	21	10	42	42
DFP4-2012 Series	4" FLANGED	10	36	24	10	46	29	12	55	68
DFP6 Series	6" FLANGED	12	42	35	12	54	43	16	73	131

## JU6H-UFADX8 FIRE PUMP DRIVER NOISE DATA

### Mechanical Engine Noise \*

RPM	BHP	OVERALL dB(A)	Octave Band									
			31.5 Hz dB(A)	63 Hz dB(A)	125 Hz dB(A)	250 Hz dB(A)	500 Hz dB(A)	1k Hz dB(A)	2k Hz dB(A)	4k Hz dB(A)	8k Hz dB(A)	16k Hz dB(A)
1760	305	109.2	67.0	69.2	82.6	89.2	97.1	99.7	104.9	103.4	101.7	101.7

### Raw Exhaust Engine Noise \*\*

RPM	BHP	OVERALL dB(A)	Octave Band									
			31.5 Hz dB(A)	63 Hz dB(A)	125 Hz dB(A)	250 Hz dB(A)	500 Hz dB(A)	1k Hz dB(A)	2k Hz dB(A)	4k Hz dB(A)	8k Hz dB(A)	16k Hz dB(A)
1760	305	112.1		101.8	106.2	100.9	103.1	102.7	105.4	102.6	92.3	85.9

\* Values above are provided at 3.3ft (1m) from engine block and do not include the raw exhaust noise.

\*\* Values above are provided at 23ft (7m), 90 ° horizontal, from a vertical exhaust outlet and does not include noise created mechanically by the engine.

The above data reflects values for a typical engine of this model, speed and power in a free-field environment.

Installation specifics such as background noise level and amplification of noise levels from reflecting off of surrounding objects, will affect the overall noise levels observed. As a result of this, Clarke makes no guarantees to the above levels in an actual installation.

# Powerscreen® Premiertrak 600 Jaw Crusher

SPECIFICATION - Rev 0. 01/03/2015





## Specification

## Premiertrak 600

<b>Total weight</b>		69,500kg (153,221lbs) including magnet & dirt conveyor.
<b>Transport</b>	<b>Length</b>	17.1m (56' 1")
	<b>Width</b>	3.0m (9' 10")
	<b>Height</b>	3.8m (12' 5")
<b>Working</b>	<b>Length</b>	16.63m (54' 7")
	<b>Width</b>	8.05m (26' 5") with dirt conveyor
	<b>Height</b>	4.49m (14' 9")
<b>Crusher type:</b>		Single toggle jaw, feed opening 1200mm x 820mm (47"x32")
<b>Power unit:</b>		Caterpillar C13 328kW (440hp) or Scania DC13 331kW (444hp) Direct Drive
<b>Paint colour:</b>		Blue RAL 5021, Grey RAL 7024, Black RAL 9005

## Features & Benefits

The Powerscreen® Premiertrak 600 range of high performance primary jaw crushing plants are designed for large and medium scale operators in quarrying, demolition, recycling & mining applications.

The range includes the Premiertrak 600 & Premiertrak 600E both equipped with the advanced high performance 1200mm x 820mm Terex chamber. Built for the toughest of applications, the robust construction and modern design of the Premiertrak 600 ensures optimum performance, reliability and efficiency.

- Output potential up to 600tph (661 US tph) (Depending on application & CSS)
- Ground level quick set-up with hydraulic folding feed hopper with hydraulic locking system
- Heavy duty wear resistant feed hopper
- Stepped self-cleaning grizzly feeder with under feeder screen
- Wide bypass chute to optimise material flow
- Aggressive crushing action with high swing jaw encouraging material entry into crushing chamber
- Fully hydraulic crusher setting adjustment
- Excellent under crusher access for removal of wire with hydraulic raise lower product conveyor
- Angle adjustable product conveyor, lowers for access & transport
- Low fuel consumption due to highly efficient direct drive system and low engine RPM
- Easily accessed power-unit canopy
- Modern & user-friendly PLC control system with auto start facility
- Remote control via umbilical
- Dust suppression system

## Applications

### Aggregate

- Sand & gravel
- Blasted rock
- River rock

### Recycling

- C&D waste
- Overburden
- Foundry waste

### Mining

- Processed ores
- Processed minerals



## Jaw Crusher

<b>Crusher type:</b>	Single toggle Jaw with hydraulic setting adjustment
<b>Feed opening:</b>	1200mm x 820mm (42" x 37")
<b>Bearings:</b>	Self aligning spherical roller
<b>Lubrication:</b>	Grease
<b>Drive:</b>	High Performance wedge belts with screw adjust tensioner
<b>Minimum setting:</b>	75mm (3") CSS

All setting measured from root to tip & subject to suitability of feed material. This plant has been designed for both quarry & recycling applications where appropriate.

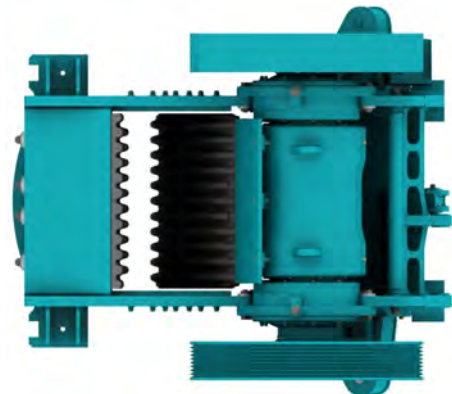
For maximum material strength of 500kN 10% Fines, 300MPa compressive strength.

If in doubt please contact your dealer or Powerscreen.

**Maximum setting:** 200mm (8") CSS standard jaws

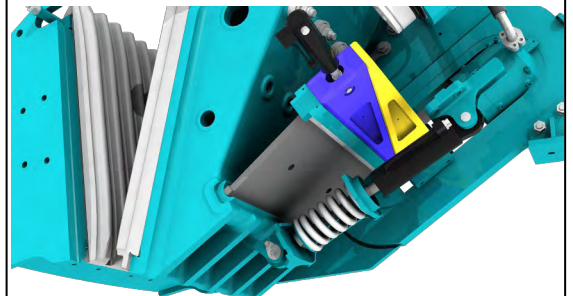
**Hydraulic adjustment:** Hydraulically adjusted C.S.S using wedge system.  
Electric push button control

## HA Jaw Chamber



## Chamber Features

- Quick & easy setting adjustment
- Drawback rod hydraulic adjustments not required during setting changes
- Cartridge type bearings
- Overlap jaw protects tip of jawstock
- One piece fixed jaw support
- Proven manganese liner retention
- Replaceable bolt-on jawstock toe
- Proven manganese liner retention—through bolt design



# Powerscreen® Premiertrak 600

SPECIFICATION Rev 0. 01/03/2015

## Hopper

**Hopper type:** Hydraulic locking from ground level

**Hopper length:** 4.82m (15' 10")

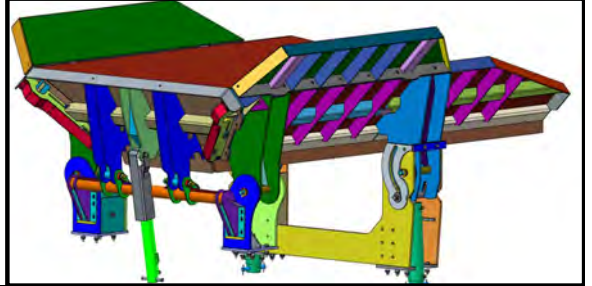
**Hopper width:** 2.2m (7' 3") standard  
4m (13' 1") with extensions

**Hopper capacity:** 9.3m<sup>3</sup> (12.2 cu. yd.) / 14.2m<sup>3</sup> (18.6 cu. yd.)

**Hopper body:** Abrasion resistant feed hopper with hydraulic struts and pins

### \*Optional Short Hopper Extensions:

**Capacity:** 10.8m<sup>3</sup> (14.1 cu.yd.)  
370mm higher feed in height over standard hopper



## Vibrating Grizzly Feeder

**Type:** Spring mounted vibrating pan & grizzly feeder

**Vibrating Unit:** Twin heavy-duty cast eccentric shafts running in spherical roller bearings, gear coupled at drive end

**Drive:** Flange mounted hydraulic motor

**Pan length:** 2.15m (7' 1")

**Pan width:** 1.16m (3' 10")

**Grizzly:** 2 replaceable stepped cartridge type grizzlies 75mm (3") nominal aperture, self cleaning

**Grizzly length:** 2.12m (6' 11")

**Grizzly width:** 1.14m (3' 9")

**Under-screen:** 40mm ( 1.5") mesh fitted as standard

**Mesh deck:** 1.38m (4' 6")long x 1.16m(3' 10") wide



## Plant Chute-work

**Crusher feed chute:** Bolted assembly. 12mm mild steel side walls with 15mm wear plates

**Grizzly fines/ bypass** Lined with abrasion resistant wear plate. Adjustable deflector plate to direct material to dirt conveyor or product conveyor



All specifications subject to change without prior notice





## Product Conveyor

<b>Conveyor type:</b>	Troughed belt conveyor
<b>Design:</b>	Hydraulic raise & lower facility to aid rebar removal & transportation. Can be raised or lowered whilst crushing. Fully removable modular unit to aid access & maintenance. Lower section raises & lowers for optimum ground clearance.
<b>Belt type:</b>	EP500/3 with 8mm top & 2mm bottom cover, vulcanised
<b>Belt width:</b>	1200mm (47")
<b>Discharge height:</b>	4.0m (13' 1")
<b>Stockpile volume:</b>	136m <sup>3</sup> (178 cu. yd.)
<b>Max. clearance:</b>	450mm (18") (jaw to belt)
<b>Drive:</b>	Twin direct drive hydraulic motor
<b>Tunnel:</b>	Conveyor fitted with tunnel & side covers to minimise rebar snagging
<b>Feed-boot:</b>	Mild steel plate with abrasion resistant steel liners at feed point
<b>Belt adjustment:</b>	Screw adjusters at head drum
<b>Belt scraper:</b>	SCS style
<b>Lubrication:</b>	Low level remote head drum grease points
<b>Skirting:</b>	Wear resistant rubber skirts fitted up



## Dust Suppression System

Sprays bars with atomiser nozzles mounted over crusher mouth, product conveyor feed & discharge points. Piped to an inlet manifold for client's pressured water supply

<b>Type:</b>	Clean water multi atomising nozzles
<b>Inlet:</b>	Single filtered inlet point on chassis
<b>Pressure:</b>	2.8 bar (42 psi)
<b>Frost protection:</b>	Via system drain valves
<b>Pump:</b>	Optional extra



# Powerscreen® Premiertrak 600

SPECIFICATION Rev 0. 01/03/2015

## Power Unit

<b>EU Stage IIIA / US Tier 3:</b>	Caterpillar C13, 6 cylinder, direct injection 328kW (440hp) at 1800rpm *
<b>Operating conditions:</b>	Ambient temp. +40°C & -12°C (104F & 10F) altitudes up to 1000m (3281ft) above sea level #
<b>Operating rpm range:</b>	1700-1900 rpm
<b>Plant drive:</b>	Direct drive
<b>Fuel tank capacity:</b>	750 L (198 US G) - sufficient for a 12 hour shift
<b>Hydraulic tank capacity:</b>	750 L (198 US G)

EU Stage IIIA / US Tier 3



<b>EU Stage IV / US Tier 4F :</b>	Scania DC13 84A 6 cylinder, turbo, 331kW (444hp) at 1600rpm
<b>Operating conditions:</b>	Ambient temperature +40°C & -12°C (104F & 10F) at altitudes up to 1000m (3281ft) above sea level #
<b>Operating rpm range:</b>	1600—1800 rpm
<b>Emission control technique:</b>	Selective Catalytic Reduction (SCR)
<b>Reductant tank size:</b>	60 L (16 US G)
<b>Plant drive:</b>	Direct drive
<b>Fuel tank capacity:</b>	750 L (198 US G) - sufficient for a 12 hour shift
<b>Hydraulic tank capacity:</b>	750 L (198 US G)

EU Stage IV/ US Tier 4F



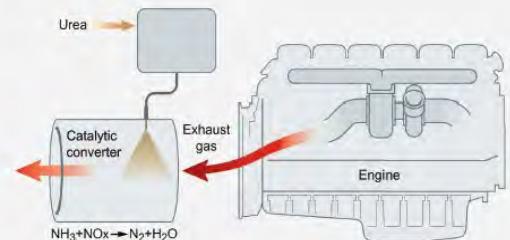
<b>Clutch type:</b>	Highly efficient, self-adjusting HPTO 12 dry plate clutch with electro hydraulic operation
<b>Crusher drive:</b>	Direct drive via wedge belts Clutch pulley diameter 236mm Crusher pulley diameter 1568mm
<b>Drive tensioning:</b>	Manual via tensioner wheel

# For applications outside this range please consult with Powerscreen as the plant performance / reliability may be affected



## Scania Stage IV / Tier 4 Final Technology

Scania industrial engines meet the requirements of Stage IV and Tier 4 Final without the need for a particulate filter. With only EGR and SCR technology, the installation will be unaffected. Scania-developed systems for engine management and emission control ensure an attractive blend of performance and operating economy. The function of the SCR system is based on the injection of a urea solution (AdBlue or DEF, Diesel Exhaust Fluid) into the after-treatment system. With EGR, a small amount of exhaust gases is returned to the intake of the engine, diluting the intake air and reducing the oxygen concentration. This will reduce the combustion temperature and further reduce emissions.



All specifications subject to change without prior notice



# Powerscreen® Premiertrak 600

SPECIFICATION Rev 0. 01/03/2015

## Crawler Tracks

Type:	Heavy-duty tracks
Pitch:	203mm (8")
Longitudinal centers:	4170mm (13' 8")
Track width:	500 mm (19.7")
Climbing grade:	30° maximum
Speed:	0.81kph (0.5mph)
Drive:	Hydraulic motors
Tensioning:	Hydraulic adjuster, grease



## Guarding

Composite and/or steel guards are provided for all drives, flywheels, pulleys & couplings

The guards provided are designed & manufactured to meet CE & ANSI standards

Hinged access guards are provided on the top, side & both ends of the engine

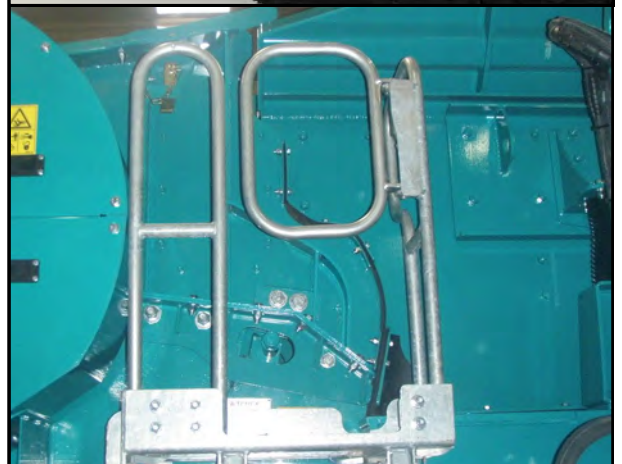


## Platforms

A folding access ladder is provided to gain access to each side of the power unit

A maintenance platform is provided on one side of the feeder with double row handrails & access ladders.

A platform is also included to gain access between the crusher & the power unit



All specifications subject to change without prior notice



## Plant Controls

Full PLC control panel

Full system diagnostics

Controls fitted to the plant include:

Sequential start up

- Engine (start/stop/speed)
- Crusher (start/stop)
- Optional dirt conveyor (start/stop)
- Product conveyor (start/stop & raise/lower)
- Feeder (start/stop/speed) controls, located on the side of the plant



## Umbilical Control

An umbilical control unit is also supplied as standard with the plant

Controls tracking function & has a stop button for the plant



## Chassis

Heavy duty I-section welded construction, provides maximum strength & accessibility



## Optional Extras

- Pre-screen system
- Wire mesh for under-screen (standard)
- Quarry tooth, pyramid tooth or heavy duty tooth jaw plates
- Deflector plate under crusher
- Dirt conveyor
- Single pole overband magnetic separator
- Twin pole overband magnetic separator
- Belt weigher
- Electric refuelling pump
- Electric urea pump
- Hydraulic water pump
- Radio remote control
- Stockpiler drive (Tier 4 machines only)

# Powerscreen® Premiertrak 600 Options

SPECIFICATION - Rev 0. 01/03/2015

## Pan Feeder & Live Pre-screen

Vibrating pan feeder with double deck live pre-screen

**Pan type:** Sprung vibrating pan

**Vibrating unit:** Twin heavy duty cast eccentric shafts running in spherical roller bearings, gear coupled at drive end, flange mounted hydraulic motor

**Dimensions:** Length: 2.39m (7' 10") Width: 1.08m (3' 7")

**Pan:** 15mm thick fully welded base plate with 12mm thick abrasion resistant liners

**Pan:** Variable speed control through control panel & (radio remote optional)

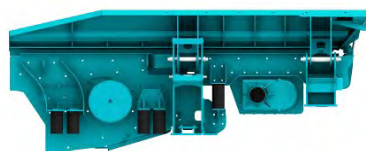
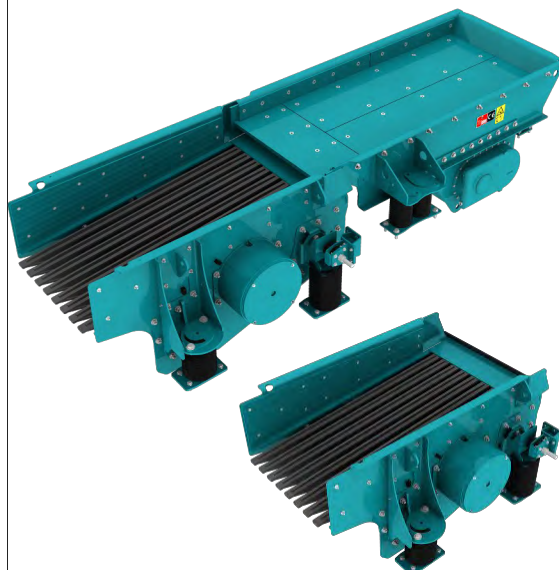
**Pre-screen:** Sprung vibrating unit  
9mm throw, 1000rpm screen speed

**Vibrating unit:** Single shaft, out of balance weights, flange mounted hydraulic motor

**Top deck:** 2 piece cartridge with 2.04m (6' 8") long self cleaning fingers 75mm (2") nominal spacing  
Length: 2m (6' 6") Width: 1.2m (4')

**Bottom deck:** 16° Incline with 40mm (1.5") mesh  
Length: 1.38m (4' 6") Width: 1.2m (4')

**Chute:** Bypass chute with internal 2 way flap door fitted, to control direction of fines, either forward onto the product belt or onto the optional side conveyor



## Extended Product Conveyor

**Discharge Height:** 4.6m (15' 1")

**Stockpile Volume:** 156m<sup>3</sup> (205cu. yd.)

**Hydraulically folds for transport.**



All specifications subject to change without prior notice

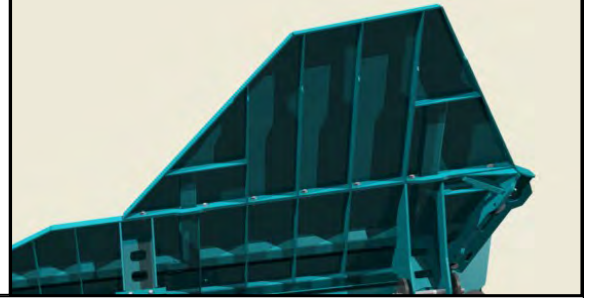


# Powerscreen® Premiertrak 600 Options

SPECIFICATION - Rev 0. 01/03/2015

## Hopper Extensions

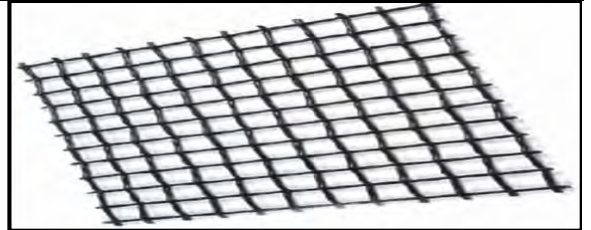
Hopper type: Bolt-on extensions  
Hopper length: 4820mm (15' 10")  
Hopper width: 4000mm (13' 1")  
Hopper body: 15mm wear resistant plate, steel ribs



## Feeder Under Screen Mesh

Position: Optional aperture meshes fitted in lieu of the standard 40mm mesh.

Width: 1.16m (3' 10")  
Length: 1.38m (4' 6")



## Jaw Profiles

All jaw profiles supplied in 18% manganese as standard. This is the proven material for quarry & recycling applications with an initial hardness of around 230BHN (Brinell Hardness)

### Super Tooth Jaws (Standard offering)

For extended life across most quarrying applications. Super tooth has a significantly increased wear life using a deeper profile without comprising strength or product shape.

### Quarry Tooth Jaws

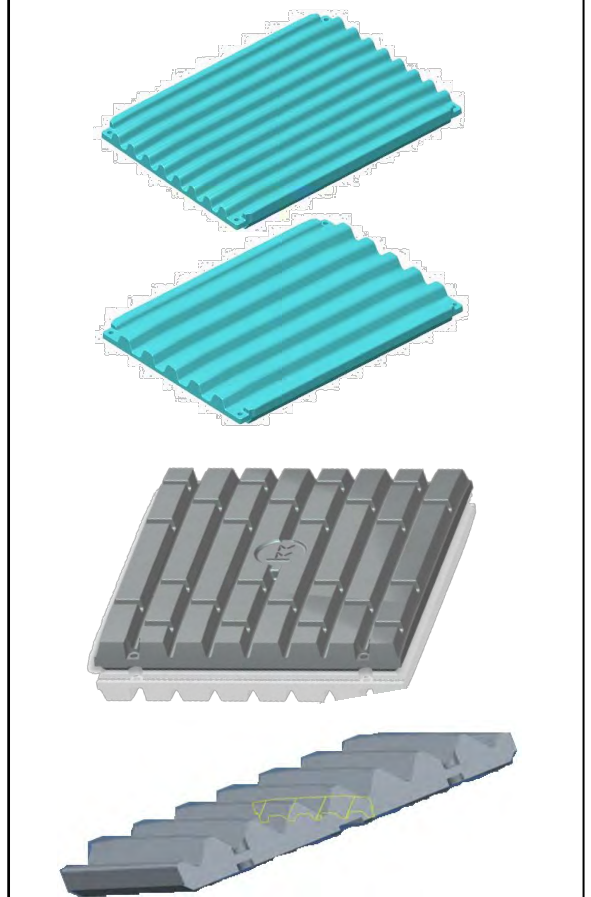
Quarry jaws are suitable for use in medium rock, hard rock and high abrasion applications. Will provide a longer wear life due to the additional material on the teeth of the jaw. (Minimum CSS is 50mm)

### Heavy Duty Jaws

New design of HD jaw plate for the fixed jaw. Designed to work with other profiles on the swing jaw. Aimed to bring the wear in line with the swing jaw and reduce the amount of liner changes required.

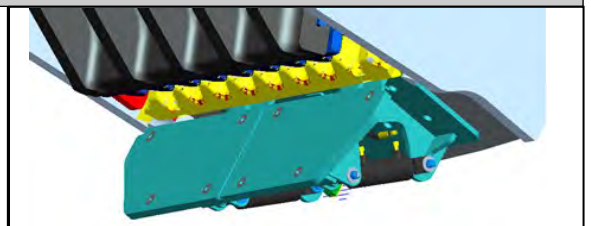
### Pyramid Tooth Jaws

Designed as a Jaw for recycling applications or with rock that is difficult to fracture.



## Under Crusher Deflector Plate

A hydraulic adjustable deflector plate, increases belt protection on recycling applications. Situated immediately below the crusher outlet point & is fitted with a 15mm thick wear resistant plate. Deflector plate working angle can be adjusted from the PLC control system.



All specifications subject to change without prior notice





# Powerscreen® Premiertrak 600 Options

SPECIFICATION - Rev 0. 01/03/2015

## Bypass / Dirt Conveyor

Conveyor type:	Troughed, modular with hydraulic folding for transport
Width:	750mm (29.5")
Discharge height:	3.8m (12'6")
Stockpile volume:	117m <sup>3</sup> ( 153cu. yd.)
Drive:	Direct drive hydraulic motor



## Magnet

Options:	CP020 single pole (S.P.) TP020 twin pole (T.P.)
Belt width:	750mm (30")
Centres:	1700mm (67")
Drive / Control:	Direct drive hydraulic motor, pre-set variable speed
Discharge:	RHS via stainless shedder plate
Weight:	S.P. 975kg (2150lbs) T.P. 1470kg (3240lbs)

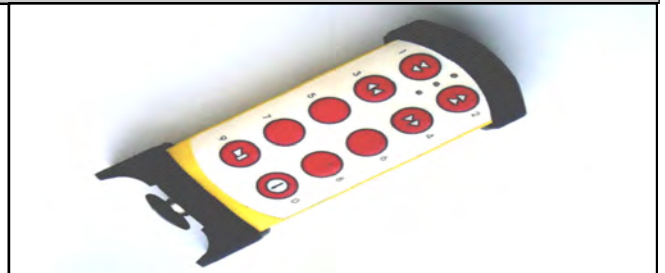


## Radio Remote Control

Complete with integrated tracking functions & plant stop button. NB - Only available in certain countries where type approval has been obtained

Remote can also be used to:

- Feeder (start/stop)



## Belt Weigher

Type:	Modular scale with stainless load cells, single idler speed wheel & display unit
Accuracy:	± 1.0 + 0.5%
Load cells:	2 temperature compensated parallelogram-style, stainless steel
Display:	Separate read out near control panel



All specifications subject to change without prior notice



# Powerscreen® Premiertrak 600 Options

SPECIFICATION - Rev 0. 01/03/2015

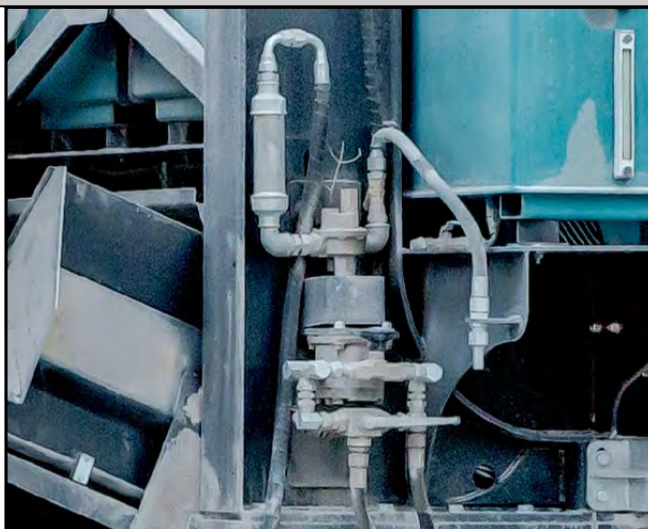
## Electric Refuelling Pump

A 24 volt refuelling pump, allows fuel to be drawn from a remote source. Fuel transfer rate is 50 L/min (13 G/min). Includes refuelling hose and end filter



## Hydraulic Water Pump

A hydraulically powered water pump is available to power the dust suppression system



## Hot/Cold Climate Oils

Cold climate oils - (Recommended for ambient temperatures between -20 to +30oC)

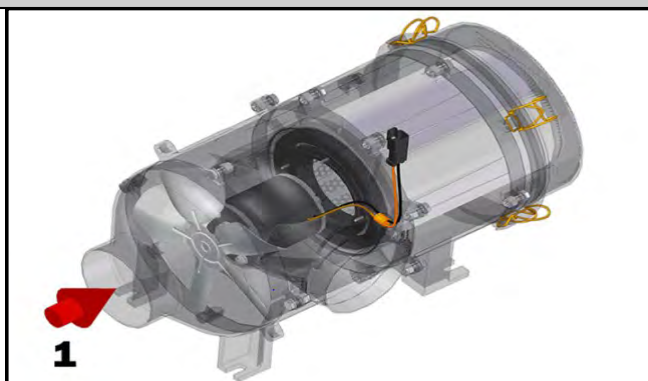
Hot climate oils - (Recommended for ambient temperatures between +15 to +50oC)



## Control Panel Positive Pressurisation

An additional unit designed to reduce dust particles within the Control Panel.

A continuous flow of clean air is passed through the cabinet whilst the unit simultaneously filters out any particulate laden air.



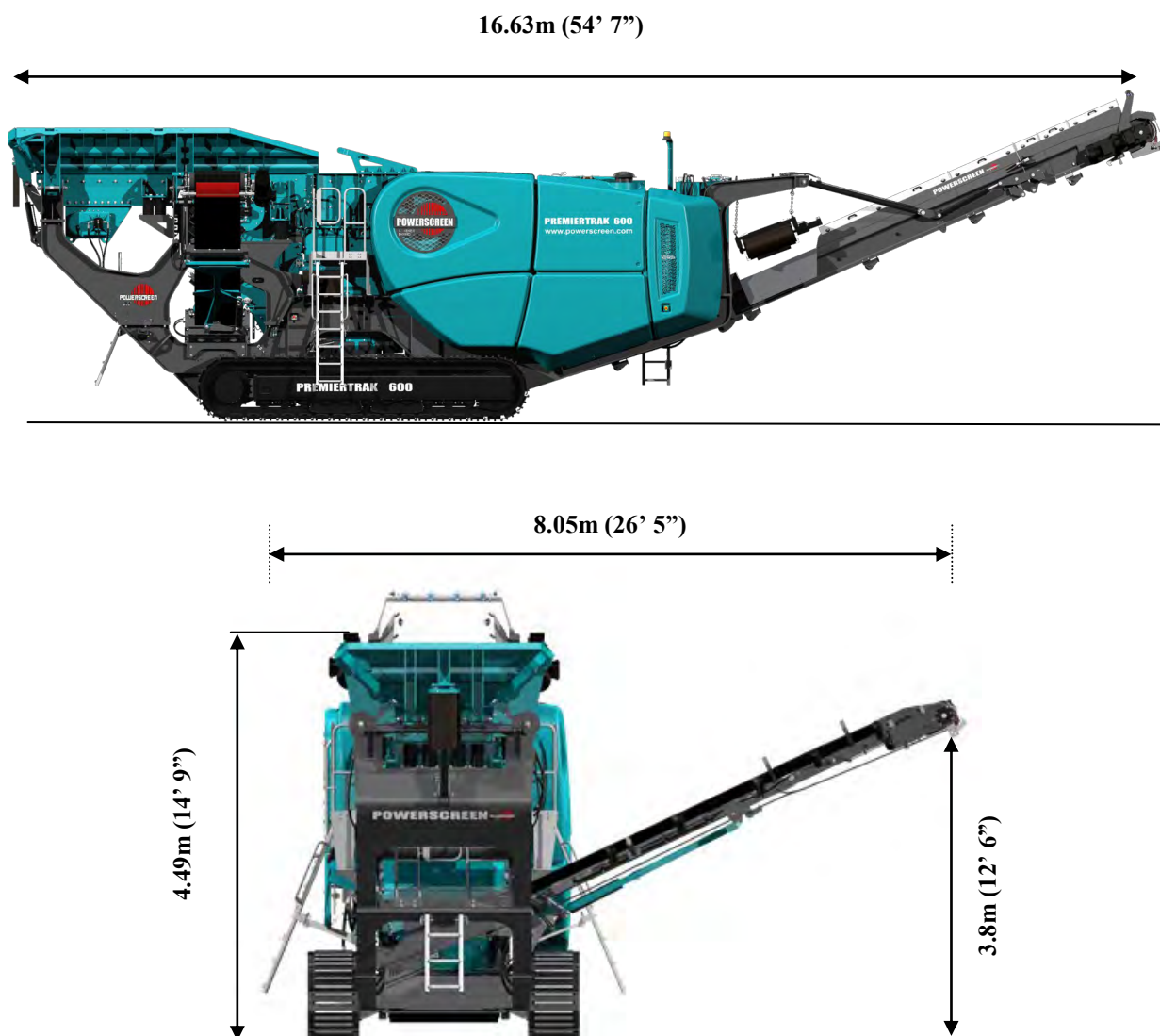
All specifications subject to change without prior notice



## Working Dimensions

Working length: 16.63m (54' 7")  
Working width: 8.05m (26' 5") with extended dirt conveyor  
Working height: 4.49m (14' 9")

## Premiertrak 600 Working Dimensions



All specifications subject to change without prior notice



## Transport Dimensions

Transport length: 17.1m (56' 1")  
Transport width: 3.0m (9' 10")  
Transport height: 3.8m (12' 5")

## Premiertrak 600 Transport Dimensions

17.10m (56' 1")



3.0m (9' 10")



All specifications subject to change without prior notice



# Powerscreen® Premiertrak 600

SPECIFICATION Rev 0. 01/03/2015



## **Powerscreen equipment complies with CE requirements.**

Please consult Powerscreen if you have any other specific requirements in respect of guarding, noise or vibration levels, dust emissions, or any other factors relevant to health and safety measures or environmental protection needs. On receipt of specific requests, we will endeavour to ascertain the need for additional equipment and, if appropriate, quote extra to contract prices.

All reasonable steps have been taken to ensure the accuracy of this publication, however due to a policy of continual product development we reserve the right to change specifications without notice.

It is the importers' responsibility to check that all equipment supplied complies with local legislation regulatory requirements.

Plant performance figures given in this brochure are for illustration purposes only and will vary depending upon various factors, including feed material gradings and characteristics. Information relating to capacity or performance contained within this publication is not intended to be, nor will be, legally binding.

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# Data Sheet

<b>Title</b>	Gold Room Package			<b>Proj Doc No.</b>	N/A		
<b>Proj Name</b>	Rainy River			<b>AMEC Doc. No.</b>	100126-3200-DE10-DAT-0213.006		
<b>Client</b>	New Gold			<b>Proj No.</b>	100126	<b>Rev</b> B	
<b>Supplier</b>		<b>AWBS No.</b>		<b>Plant/Area No.</b>	3200	<b>Pkg No.</b> PJ0213	
<b>Tag No(s).</b>	3260-FN-0001, 3260-XX-0054, 3240-BI-0030, 3260-XX-0056, 3260-XX-0057, 3260-BH-0030, 3260-FA-0036					<b>Qty</b>	
<b>Item Desc</b>	Induction Crucible Furnace, Slag Pots, Slag Bin, Cascade Mold Stand, Bullion Molds, Furnace Exhaust Dust Collector and Fan, Water Bath					<b>Rev</b>	
	<b>Item</b>	<b>Unit</b>	<b>Data</b>	<b>Comments</b>			
1	<b>AMEC DATA</b>						
2	<b>Location, Site and Operating Conditions</b>						
3	Location:	Indoor / Outdoor		Indoor		A	
4		Heated / Unheated		Heated		A	
5	Ambient Temperature:	Minimum	°C	10		A	
6		Maximum	°C	35		A	
7	Site Elevation:		m ASL	350		A	
8	Electrical Classification:	CL / Gr / Div				A	
9	Environment:	Toxic	Y / N	N		A	
10		Corrosive	Y / N	Y		A	
11		Flammable	Y / N	N		A	
12		Dusty	Y / N	N		A	
13	Operation:	Continuous / Intermittent		Intermittent		A	
14	Operating Schedule:		hr/day	10		A	
15			days/year	120		A	
16			starts/hour	1		A	
17			starts/day	3		A	
18	<b>General</b>						
19	<b>Induction Crucible Furnace</b>			<b>3260-FN-0001</b>		A	
20	Number of Furnaces			1		A	
21	Furnace Type			Induction		A	
22	Furnace Capacity	m3		0.2		A	
23	Furnace Power	kW		By vendor		A	
24	Number of Crucibles			4		A	
25						A	
26	<b>Slag Pot</b>			<b>3260-XX-0054</b>		A	
27	Quantity			2		A	
28	Minimum capacity	m3 per pot		0.125		A	
29						A	
30	<b>Mold Stand</b>			<b>3260-XX-0056</b>		A	
31	Type			Cascade (preferred)		A	
32						A	
33	<b>Bullion Molds</b>			<b>3260-XX-0057</b>		A	
34	Number of molds per pour			7		A	
35	Number of spare molds			2		A	
36	Doré Bar Size	kg		31.1		A	
37	Doré Bar Size	troy oz		1000		A	
38	Preferred mold make			TBA		A	
39						A	
40	<b>VENDOR DATA</b>						
41	<b>Induction Crucible Furnace</b>			<b>3260-FN-0001</b>	By Others	A	
42	Make and Model			Inductotherm Duraline/VIP	By Others	A	
43	Type			Hydraulic Tilt	By Others	A	
44	Furnace Electrical Efficiency	%		97% of Frequency Converter	By Others	A	
45	Furnace Power	kW		300	By Others	A	
46	Operating Temperature	°C		1164 (100C above Melting Point)	By Others	A	
47	Design Temperature	°C			By Others	A	
48	Sludge Melting Rate	kg/hr		1000 Bronze	By Others	A	
49	Crucible Internal Dim. ID x H	mm x mm			By Others	A	
50	Crucible Effective Volume	m3		0.213	By Others	A	
51	Furnace Capacity	kg/hr iron		534	By Others	A	

# Data Sheet

Title	Gold Room Package			Proj Doc No.	N/A	
Proj Name	Rainy River			AMEC Doc. No.	100126-3200-DE10-DAT-0213.006	
Client	New Gold			Proj No.	100126	
Supplier		AWBS No.		Plant/Area No.	3200	
Tag No(s).	3260-FN-0001, 3260-XX-0054, 3240-BI-0030, 3260-XX-0056, 3260-XX-0057, 3260-BH-0030, 3260-FA-0036				Qty	
Item Desc	Induction Crucible Furnace, Slag Pots, Slag Bin, Cascade Mold Stand, Bullion Molds, Furnace Exhaust Dust Collector and Fan, Water Bath				Rev	
52	Size of Pours	kg		1364	By Others	A
53	Furnace Overall Dimensions H x L x W	mm x mm x mm		1550 x 1676 x 1384	By Others	A
54	Furnace ground isolation (describe)				By Others	A
55	<b>Induction Furnace Materials of Construction:</b>				By Others	A
56	Body Material			Steel	By Others	A
57	Coil Material			Copper	By Others	A
58	Crucible Material and Thickness	mm		Silicon Carbide	By Others	A
59	Crucible Material Rating	°C			By Others	A
60	Refractory Material and Thickness	mm			By Others	A
61	Refractory Material Rating	°C			By Others	A
62	Insulation Material and Thickness	mm			By Others	A
63	Temp of Furnace External Surface During Operation	°C			By Others	A
64	<b>Furnace Power Supply:</b>				By Others	A
65	Make/Model			Inductotherm VIP	By Others	A
66	Overall Dimensions, L x W x H	mm x mm x mm		2542 x 762 x 2542	By Others	A
67	Input Power	kW		345 KVA of 480/3/60	By Others	A
68	Input Current	A			By Others	A
69	Input Frequency	Hz			By Others	A
70	Interconnecting Cable Type & Max. Length	/ m			By Others	A
71	<b>Furnace Cooling System:</b>			Included - Air Cooled Circulated	By Others	A
72	Total Heat to be Dissipated	kW		All details To Be Determined	By Others	A
73	Cooling Water Flowrate	m3/h			By Others	A
74	Cooling Water Pressure	kPag			By Others	A
75	Cooling Solution				By Others	A
76	Water Temperature Delta through Furnace	°C			By Others	A
77	Water Pump Make & Model				By Others	A
78	Pump Electric Motor Manufacturer				By Others	A
79	Motor Power/Speed/Service Factor	kW/rpm/SF			By Others	A
80	Radiator Manufacturer & Model				By Others	A
81	Fan Manufacturer & Model				By Others	A
82	Motor Power/Speed/Service Factor	kW/rpm/SF			By Others	A
83	Expansion / Air Separator Tank Included?	Y/N			By Others	A
84	<b>Tilting Mechanism Hydraulic Unit</b>			3260-HU-0060	By Others	A
85	Make/Model				By Others	A
86	Pump Make/Model				By Others	A
87	Pump Operating Pressure	kPag			By Others	A
88	Electric Motor Manufacturer				By Others	A
89	Motor Power/Speed/Service Factor	kW/rpm/SF			By Others	A
90	Tilt Pour Control (describe)				By Others	A
91	Pivot Type (describe)				By Others	A
92	<b>Furnace Exhaust Dust Collector and Fan</b>			3260-BH-0030 / 3260-FA-0036		A
93	Furnace Exhaust Dust Collector Air Flow Required	am3/h		6796		A
94	Exhaust Dust Collector Air Flow Pressure	kPag		405 mm H2O Minimum		A
95	Exhaust Dust Collector Ducting Size and Type			Cartridge Style, 285 m2, 3048 x 817 x 3642 mm (LxWxH)		A
96	Dust Collector Temperature Rating	°C		135		

# Data Sheet

Title	Gold Room Package			Proj Doc No.	N/A		
Proj Name	Rainy River			AMEC Doc. No.	100126-3200-DE10-DAT-0213.006		
Client	New Gold			Proj No.	100126	Rev	B
Supplier		AWBS No.		Plant/Area No.	3200	Pkg No.	PJ0213
Tag No(s).	3260-FN-0001, 3260-XX-0054, 3240-BI-0030, 3260-XX-0056, 3260-XX-0057, 3260-BH-0030, 3260-FA-0036					Qty	
Item Desc	Induction Crucible Furnace, Slag Pots, Slag Bin, Cascade Mold Stand, Bullion Molds, Furnace Exhaust Dust Collector and Fan, Water Bath					Rev	
97							A
98	<b>Mold Stand</b>			<b>3260-XX-0056</b>			A
99	Make/Model			FLSmith - Summit Valley			A
100	Number of stages			5 - Cascade			A
101	Stand Outer Dimension	mm x mm x mm		1047 x 882 x 1177			A
102	Deck Size, LxW	mm x mm		171 x 610			A
103	Capacity	kg		>500 kg			A
104	Stand Material			Carbon Steel			A
105	Stand Weight	kg		170			A
106							A
107	<b>Slag Pot</b>			<b>3260-XX-0054</b>			A
108	Quantity			5			A
109	Capacity per pot	m3		19 liters			A
110	Material			Cast Iron			A
111							A
112	<b>Slag Bin</b>			<b>3260-BI-0030</b>			A
113	Dimensions, LxWxH	mm x mm x mm		1308 x 800 x 851			A
114	Rated capacity	kg		1818 kg / 0.25 m <sup>3</sup>			A
115	Material			Steel			A
116							A
117	<b>Bullion Molds</b>			<b>3260-XX-0057</b>			A
118	Quantity			20			A
119	Material			Cast Iron			A
120	Capacity	mm3 per mold		150		1000 troy Ounces Gold	A
121	Overall Dimensions, L x W x H	mm x mm x mm		440 x 235 x 152			A
							A
122	<b>Slag Pot Carrier</b>			<b>3260-XX-0055</b>			A
123	Make/Model			FLSmith - Summit Valley			A
124	Material			Carbon Steel			A
125							A
126	<b>Water Bath</b>			<b>3260-TK-0064</b>			B
127	Material			Carbon Steel			B
128	Capacity	m3		0.35			B
129	Overall Dimensions, L x W x H	mm x mm x mm		1300 x 762 x 683			B
130							A
131	<b>Total Equipment Weight</b>	kg					A
132	<b>List Safety Features</b>						A
							A
133	Site Installation Requirements (describe)						A
134							A
135							A
136							A



# Data Sheet

<b>Title</b>	Gold Room Package			<b>Proj Doc No.</b>	N/A			
<b>Proj Name</b>	Rainy River			<b>AMEC Doc. No.</b>	100126-3200-DE10-DAT-0213.006			
<b>Client</b>	New Gold			<b>Proj No.</b>	100126	<b>Rev</b>	<b>B</b>	
<b>Supplier</b>		<b>AWBS No.</b>		<b>Plant/Area No.</b>	3200	<b>Pkg No.</b>	PJ0213	
<b>Tag No(s).</b>	3260-FN-0001, 3260-XX-0054, 3240-BI-0030, 3260-XX-0056, 3260-XX-0057, 3260-BH-0030, 3260-FA-0036						<b>Qty</b>	
<b>Item Desc</b>	Induction Crucible Furnace, Slag Pots, Slag Bin, Cascade Mold Stand, Bullion Molds, Furnace Exhaust Dust Collector and Fan, Water Bath						<b>Rev</b>	
<b>Notes</b>								
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FORM



TITLE:	<b>SUPPLIER DOCUMENT FRONT SHEET</b>	DOC. NO.:	DOC-FOR-000037 Rev. 1
PROJECT NAME:	<b>Rainy River Gold Project</b>	PROJECT NO.:	<b>100126-PJ250</b>

**STT Enviro Corp**

Company Name

**100126-PJ250**

PO/Contract Number

**Lime System**

Package/Contract Description

**Catalog Cut Sheets Mechanical Equipment Lime System**

Document Title

<b>80</b>	<b>03-Feb-15</b>	<b>Shaun Vieira</b>	
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Total Number of Pages  
(Including Front Sheet)

Submission Date

Submitted By - Print Name

Supplier Approval - Signature

Equipment Tag Number(s)

<b>3270-BH-0040</b>		
<b>3270-CV-0050</b>		
<b>3270-FA-0046</b>		
<b>3270-PU-0093</b>		

Secondary SDDRL Code(s)


<b>1143-1-ME-VP-014-1</b>	<b>0</b>
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Supplier/Contractor Document Number

Supplier Rev.

<b>100126-PJ250-D01-0001-001</b>	<b>001</b>
----------------------------------	------------

AMEC Project Document No.

AMEC Issue No.

Note: This FRONT SHEET is to be used for all non-drawing documents and if the drawing does not have sufficient space for an electronic decal.

**Project Review:**

Permission to proceed does not constitute acceptance of design, calculations, test methods or materials developed or selected by Seller and does not relieve Seller from full compliance with contractual or other obligations.

- 1. REVIEWED - NO COMMENT
- 2. REVISE AND RESUBMIT - WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS
- 3. REVISE AND RESUBMIT - WORK MAY NOT PROCEED
- 4. REVIEW NOT REQUIRED - FOR INFORMATION ONLY

AMEC Signature

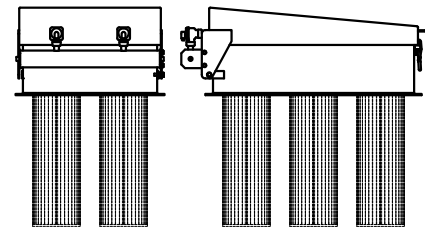
**Feb 19/15**  
Date



## **MECHANICAL EQUIPMENT LIST INDEX TABLE**

- 1. Lime Silo Dust Collector – STT Enviro Corp – DCC-280 – Tag: 3270-BH-0040**
- 2. Lime Silo Activator – Metalfab – BA-4 – Tag: 3270-AV-0001**
- 3. Lime Silo Knife Gate – TBA (Clarkson, Technequip or ITT-Fabri)**
- 4. Lime Slaker Feed Screw Conveyor – SCC – TBA – Tag: 3270-CV-0050**
- 5. Lime Slaker – Sepro – 1.2 x 2.3 - Tag: 3270-MM-0003**
- 6. Lime Slaker Wet Scrubber Fan – Quickdraft – Q4CA-1 – Tag: 3270-FA-0046**
- 7. Lime Transfer Pump – Sepro – VT40 – Tag: 3270-PU-0093**
- 8. Lime Silo Skirt Exhaust Fan – Greenheck – SE1-12-432-A4 – Tag: 3270-FA-0041.**
- 9. Lime Silo Skirt Space Heater – Chromalox – LUH-D-10-63-32 – Tag: 3270-HE-0020.**

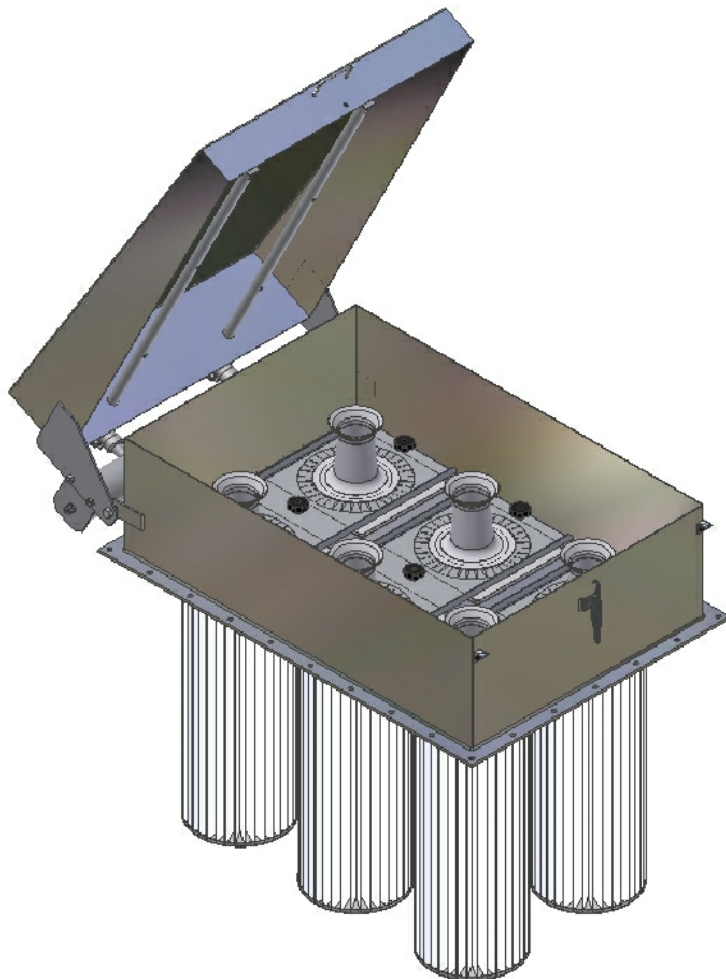
DCC-280



TO CONTACT A STANCO PROJECTS REPRESENTATIVE, PLEASE CALL 1-604-273-6441  
OR VISIT US ONLINE AT [WWW.STANCOPROJECTS.COM](http://WWW.STANCOPROJECTS.COM) AND [WWW.SEMCOTBS.COM](http://WWW.SEMCOTBS.COM)

## CARTRIDGE BIN VENT LOW PROFILE STYLE

OUR LOW PROFILE, COST EFFECTIVE AND HIGHLY EFFICIENT CARTRIDGE BIN VENT IS DESIGNED FOR SILO DUST CONTROL



### OUTSTANDING FEATURES:

- QUICK ACCESS FOR TOP CARTRIDGE REMOVAL EXTERNAL TO THE FILTER HOUSING
- LOW PROFILE DESIGN PROVIDES EASE OF MAINTENANCE
- MATERIAL OF CONSTRUCTION ARE CARBON STEEL, ALUMINIUM OR STAINLESS STEEL
- STRONG, LIGHTWEIGHT COVER

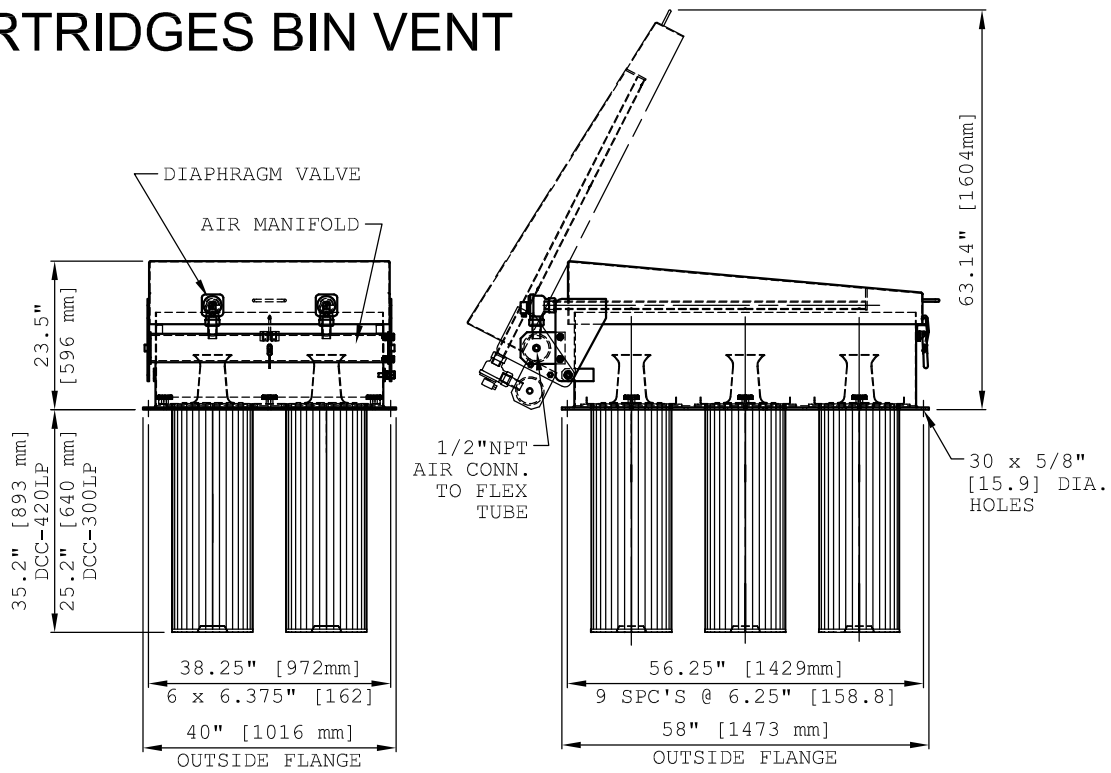
### OPTIONS AVAILABLE:

- SOLID STATE TIMER IN A NEMA ENCLOSURE
- WIDE RANGE OF CARTRIDGE FILTER MEDIA
- DIFFERENTIAL PRESSURE GAUGE OR SWITCH
- HEPA FILTER

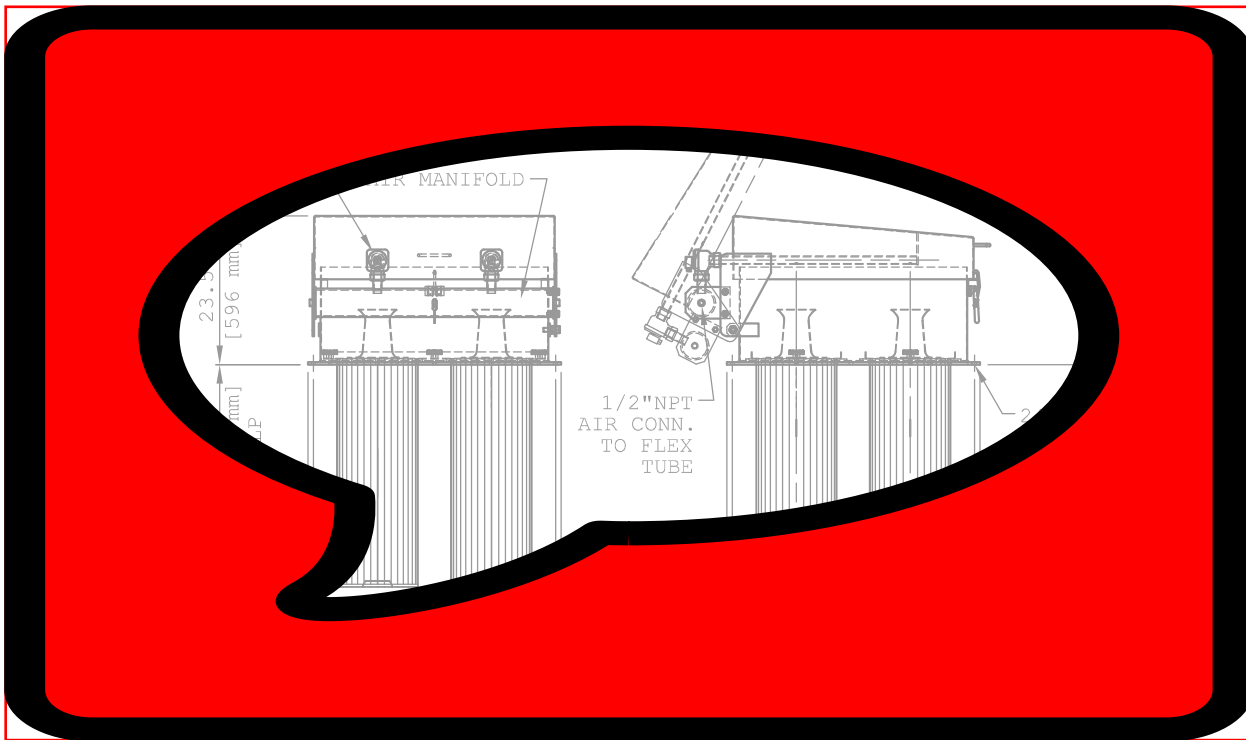
3270-BIT-0040

WE OFFER A COMPLETE LINE OF COMPONENTS FOR BULK MATERIAL HANDLING SYSTEMS WHICH INCLUDES: STORAGE SILOS, ROTARY VALVES, BLOWER PACKAGES, DIVERTER VALVES AND DUST COLLECTORS. DETAILED BULLETINS ON THESE AND OTHERS COMPONENTS ARE AVAILABLE UPON REQUEST OR VISIT [WWW.STANCOPROJECTS.COM](http://WWW.STANCOPROJECTS.COM)

# 6 CARTRIDGES BIN VENT



MODEL	FILTER AREA	No. OF CARTRIDGES	SCFM @ 80-100 PSIG	WEIGHT	
				Lb	kg
DCC-300LP	300 Sq.Ft.	6	6	490	225
DCC-420LP	420 Sq.Ft.	6	10	500	230

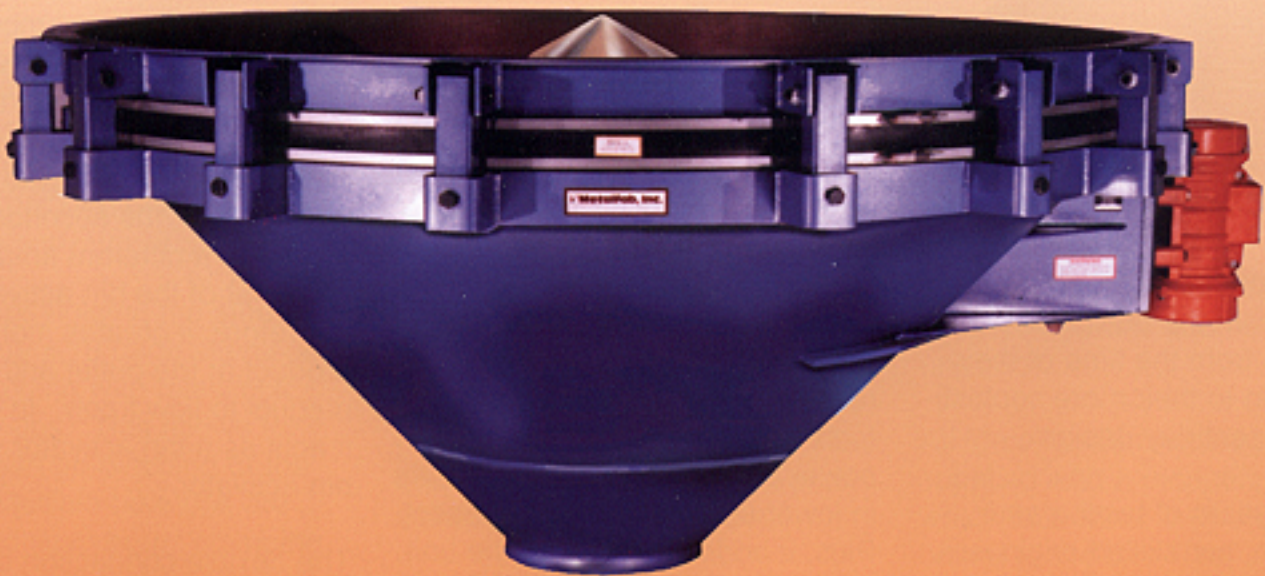


MODEL	FILTER AREA	No. OF CARTRIDGES	SCFM @ 80-100 PSIG	WEIGHT	
				Lb	kg
DCC-200LP	200 Sq.Ft.	4	5	400	181
DCC-280LP	280 Sq.Ft.	4	6	410	186



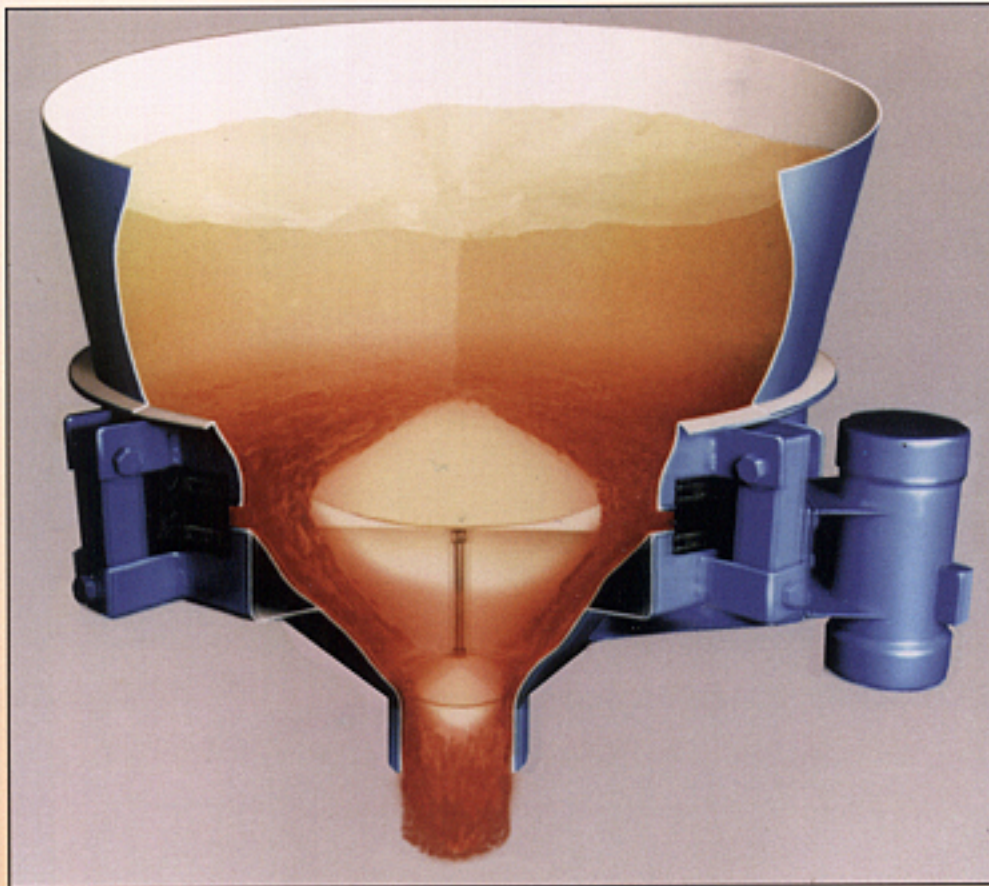
**Metalfab, Inc.**

# **Bin Activators**



# **Metalfab**

# THE METALFAB BIN ACTIVATOR



Metalfab engineers have been involved with the design of bin activators from the time of their conception to their more sophisticated present day design.

Through years of testing and innovation, our skilled engineers have developed the Metalfab Bin Activator, a unique system that eliminates the problems associated with the design and performance of other bin activators.

Metalfab Bin Activators are built to withstand the repetitive forces of vibration and forces induced by the product load above them.

The unit's true conical shape is efficient for promoting flow of product with minimum force requirements. This reduction in force means minimum horse power consumption, which results in lower operating costs for users. Plus, it adds to the life of the unit.

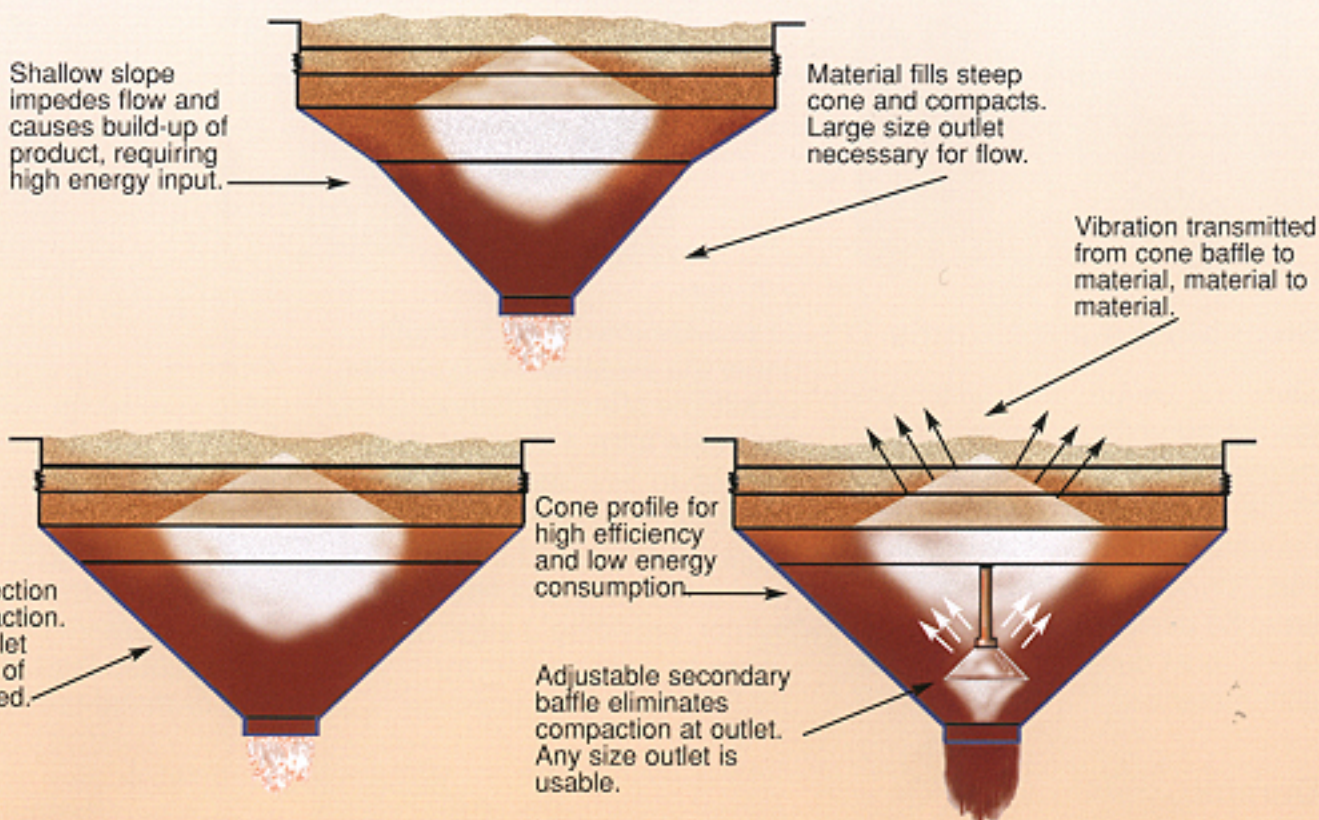
The primary baffle is cone shaped to provide maximum motion to the product. This self-cleaning baffle is supported by tubular cross members, which provide the required strength to support product head loads. It gives stiffening strength which accepts the force produced by the

vibrator and also provides a proper welding surface for securing the baffle.

Metalfab is the only manufacturer of bin activators that has a secondary adjustable baffle. With other bin activators, often the force required to activate product in the bin is in excess of the force required to discharge product from the bin activator outlet. When this happens, the product compacts, jams and flow stops. The Metalfab secondary baffle is suspended from the cross members which support the primary baffle. The lower section of the suspension member is a threaded rod which allows the baffle to be adjusted vertically.

Because of the Metalfab suspension system, the secondary baffle moves at a different amplitude than that of the bin activator body. Therefore, it creates motion in the product at the outlet and allows product to flow freely. In essence, it acts as a bin activator within a bin activator.

The flexible connection between the stationary section and the vibrated section is of neoprene construction (as standard). It is  $\frac{7}{16}$ " thick with three plies of nylon reinforcement made in an endless configuration. Externally the sleeve is 50 durometer and has two raised edges which prevent the sleeve from slipping out from under the clamps.



Internally it is 30 durometer construction which allows it to seat firmly on  $\frac{3}{16}$ " dia. beads welded to the bin activator rings.

The clamps holding the sleeve are 1" wide x 16 gage stainless steel strapping with telescopic type take-ups. This allows for take-up with no pinching of the sleeve. Multiple take-ups are used to achieve equal clamping of the sleeve.

The suspension system is designed to take the head load of product on the bin activator, allowing it to move freely through its vibrator amplitude. In addition, it maintains the bin activator on center. The system consists of a solid

block of steel with holes bored in each end at 90° to each other. Vibration isolators are pressed into the holes and hardened bolts fasten the suspension arms to the bin activator. Because of the 90° bolting, the bin activator cannot be forced off center. This eliminates the possibility of the flexible sleeve being loosened and product being lost from the bin.

The vibrator or power source for the Metalfab Bin Activator is a unitized design. It is a motor equipped with oversized roller bearings and is built to withstand the rigors of vibration. Eccentric weights are clamped to the motor shaft. There are two weights on either side of the motor which allow force settings from 0 to

maximum in stepless increments. A calibrated dial is fixed to the weights to provide ease of adjustment. The weight sections are covered with cast or spun covers secured by bolts and have an "O" ring seal.

All Metalfab Bin Activators are supplied with a mounting ring which can either be welded or bolted to the bin. This arrangement allows for factory welding of all mounting brackets which maintains alignment of the support system.

Metalfab Bin Activators are available in carbon steel, stainless steel and a wide variety of coatings.



## Unique Metalfab design features.



Solid steel hanger arm.



Machined hole is perfectly round. Allows for equal rubber contact throughout.



Forgings or castings have crowns in the center.



Remains on center, even under abnormal load conditions.



Parallel bolted arms can act like a pendulum under abnormal load conditions.

### Steel block hanger arms

Since the hanger arms which link the bin activator to the bin proper must carry the combined weight of the bin activator itself and the material in the bin while under vibration, it is essential that the arms be designed and fabricated of the most durable, and dependable materials.

To provide maximum strength under the most severe operating conditions Metalfab hanger arms are made from a solid block of steel up to 3 1/2" square, rather than cast or forged. Bushing holes are machined through the steel and then press fitted with an isolator, providing a large area of rubber to steel contact for maximum vibration isolation.

Unlike forgings or castings, these machined holes have no "crowns" which cause the isolator to extrude, and require frequent replacement. In addition, isolators are arranged at 90° to each other, in order to assure positive alignment of the bin activator from excessive movements, which could lead to material leakage or metal-to-metal contact.

### Durable, continuous sleeve



3 ply, continuous sleeve

The sleeve which seals off the gap between the Metalfab bin activator and the non-vibrating mounting ring is designed to elim-

inate spillage or the release of fine particles into the air. The sleeve being 7/16" thick, with three plies of reinforcement, it is virtually puncture proof. Raised edges on the endless sleeve prohibit it from being pulled out from under the clamps.



Raised edges prevent leakage

Metalfab's unmatched design provides for long sleeve life. Special flanged and bolted sleeve arrangements are available for pressures to 14.9 PSI.



Special flanged/bolted sleeve arrangement

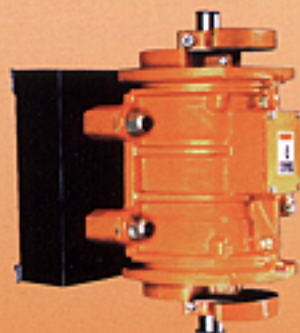
### Unitized vibrator motor



The Metalfab vibrator motor assembly consists of both the motor itself and an eccentric weight system packaged into a single, ruggedly built dual voltage unit which is designed to give years of trouble-free service.

The Metalfab vibrator motor assembly consists of both the motor itself and an eccentric weight system packaged into a single, ruggedly

The heavy duty, spherical, roller-type bearings are sealed—eliminating the need to remove the unit from the area when making force adjustments. The four eccentric weights are clamped directly to the specially designed motor shaft and can be adjusted, in place, in stepless increments.



All components are completely enclosed. All motors are unconditionally guaranteed for thirty months. Explosion-proof units are also available.

# Dimensions of standard bin activators.

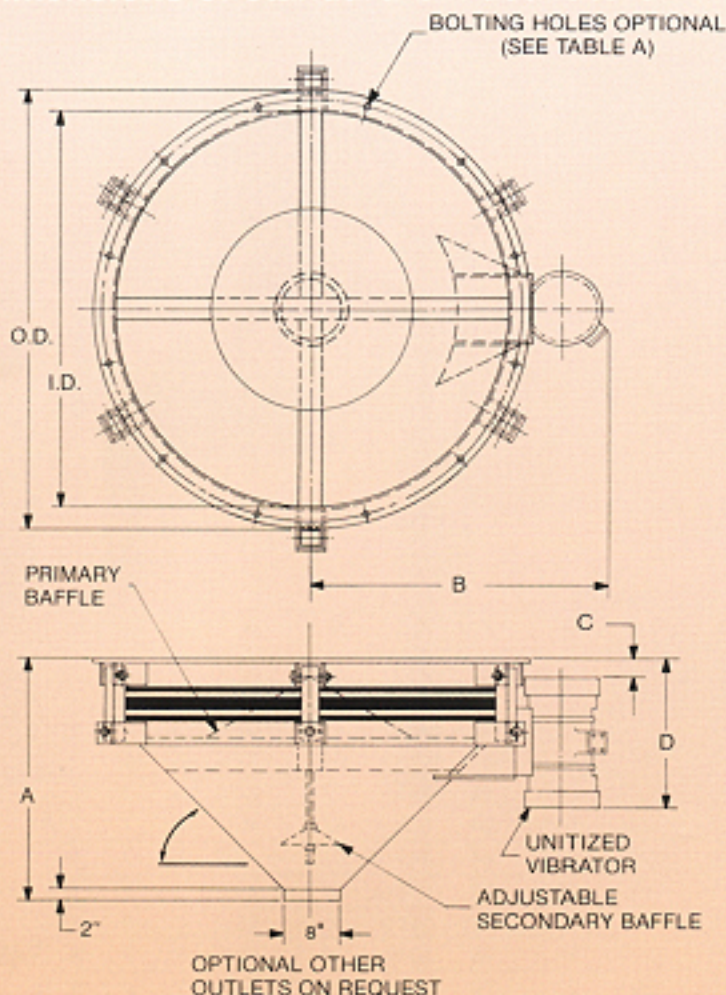
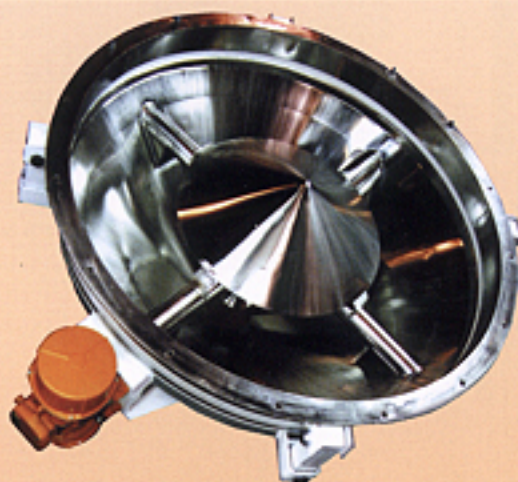


Table A

DIA		HOLE REQUIREMENTS
2'	(8)	1/8" DIA HOLES EQ SP ON A 26 3/4 DIA B.C.
3'	(12)	1/8" DIA HOLES EQ SP ON A 38 3/4 DIA B.C.
4'	(16)	1/8" DIA HOLES EQ SP ON A 51 DIA B.C.
5'	(16)	1/8" DIA HOLES EQ SP ON A 63 DIA B.C.
6'	(24)	1/8" DIA HOLES EQ SP ON A 75 1/2 DIA B.C.
7'	(30)	1 1/8" DIA HOLES EQ SP ON A 87 1/2 DIA B.C.
8'	(36)	1 1/8" DIA HOLES EQ SP ON A 99 1/2 DIA B.C.
10'	(36)	1 1/8" DIA HOLES EQ SP ON A 123 DIA B.C.
12'	(40)	1 1/8" DIA HOLES EQ SP ON A 147 DIA B.C.

DIA	O.D.	I.D.	A.	B.	C.	D.	NO. OF HANGERS	T.E.N.V. HP
2'	26 1/2	23 1/2	16 1/2	22	2 1/4	15 3/4	4	1/2
3'	41 3/4	35 3/4	22 1/2	31 3/4	2 3/4	16 3/4	3	1 1/2
4'	47 1/4	39 1/4	29 1/4	35 1/4	4 1/4	22 1/4	4	2 1/2
5'	65 1/4	59 1/4	36 1/4	41 1/4	4 1/2	22 1/2	4	1 1/2
6'	79 1/4	71 1/4	43 1/4	49 1/4	3 11/16	27 11/16	6	3
7'	91 1/4	83 1/4	50	55 1/4	5 1/2	28 1/2	6	3
8'	103	95	56 1/4	61 1/4	7 1/4	29 1/4	8	3
10'	127	119	70	77 11/16	10 1/2	34 1/2	16	4
12'	151	143	81	92 1/4	11 1/4	44	20	6



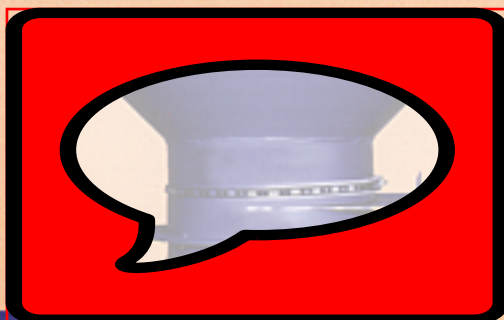
## Sanitary Bin Activator

All the hopping features of our standard steel bin activators plus the following:

- All internal welds to be continuous heliarc welded...welds ground smooth.
- All contact surfaces polished to #4 finish.
- Secondary baffle support without threads.
- Primary baffle raised 2" off the cross members.
- Round cross members with enclosed corners.
- White neoprene main sleeve.
- Exterior stainless steel surfaces "bead blasted".

Additional features for USDA 3A Dairy Approval

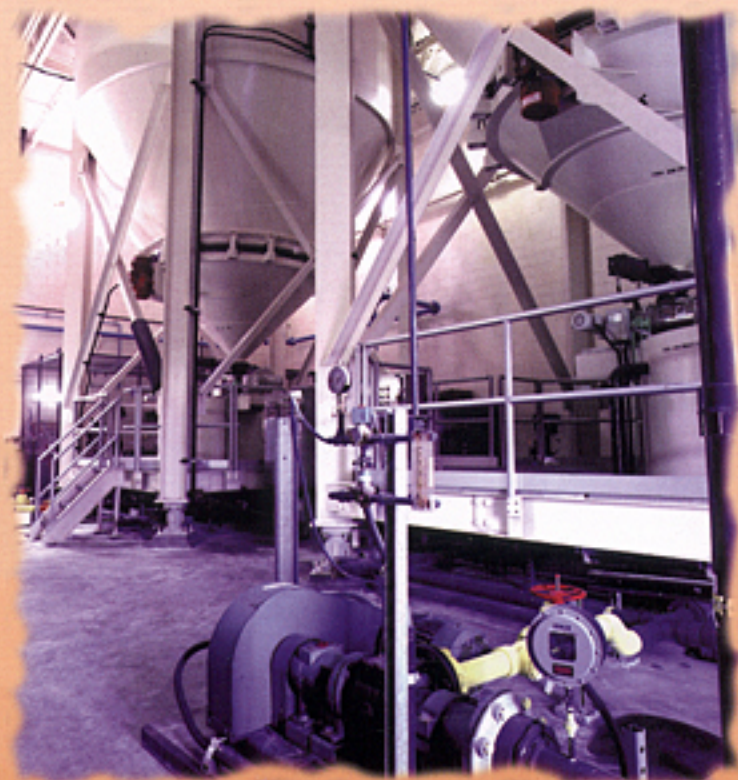
- All contact welds ground smooth and to have the minimum required radius.
- Bolted and gasketed access port on the lower cone section of the bin activator.



## Optional Maintenance Gate

This optional gate consists of a separate metal slide, metal gate housing and a rubber seal held in place with a worm-type screw clamp. This option adds 5 1/4" to the overall height of the bin activator and is an extension of the bin activator's normal outlet collar (not a flange fitted item).





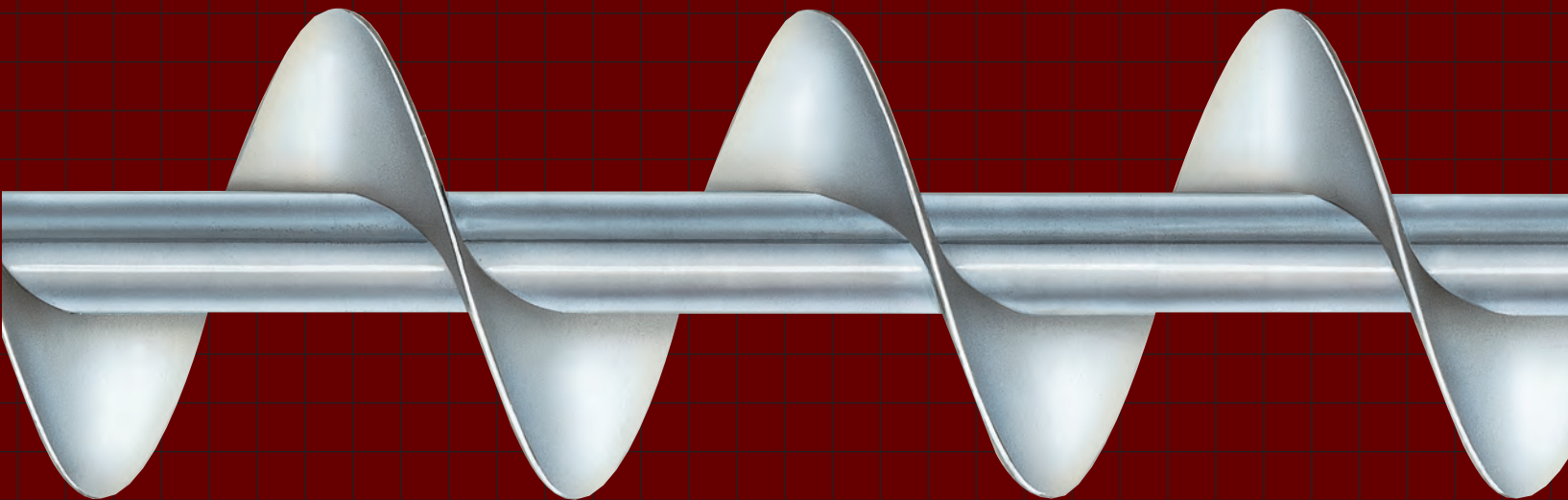
# Bin Activators

**Metalfab, Inc.**

Dry Solids Processing Equipment  
P.O. Box 9, Prices Switch Road,  
Vernon, NJ 07462  
(973) 764-2000  
Fax (973) 764-0272  
email:metalfab@metalfabinc.com

# Quality Screw Conveyor Systems and Components

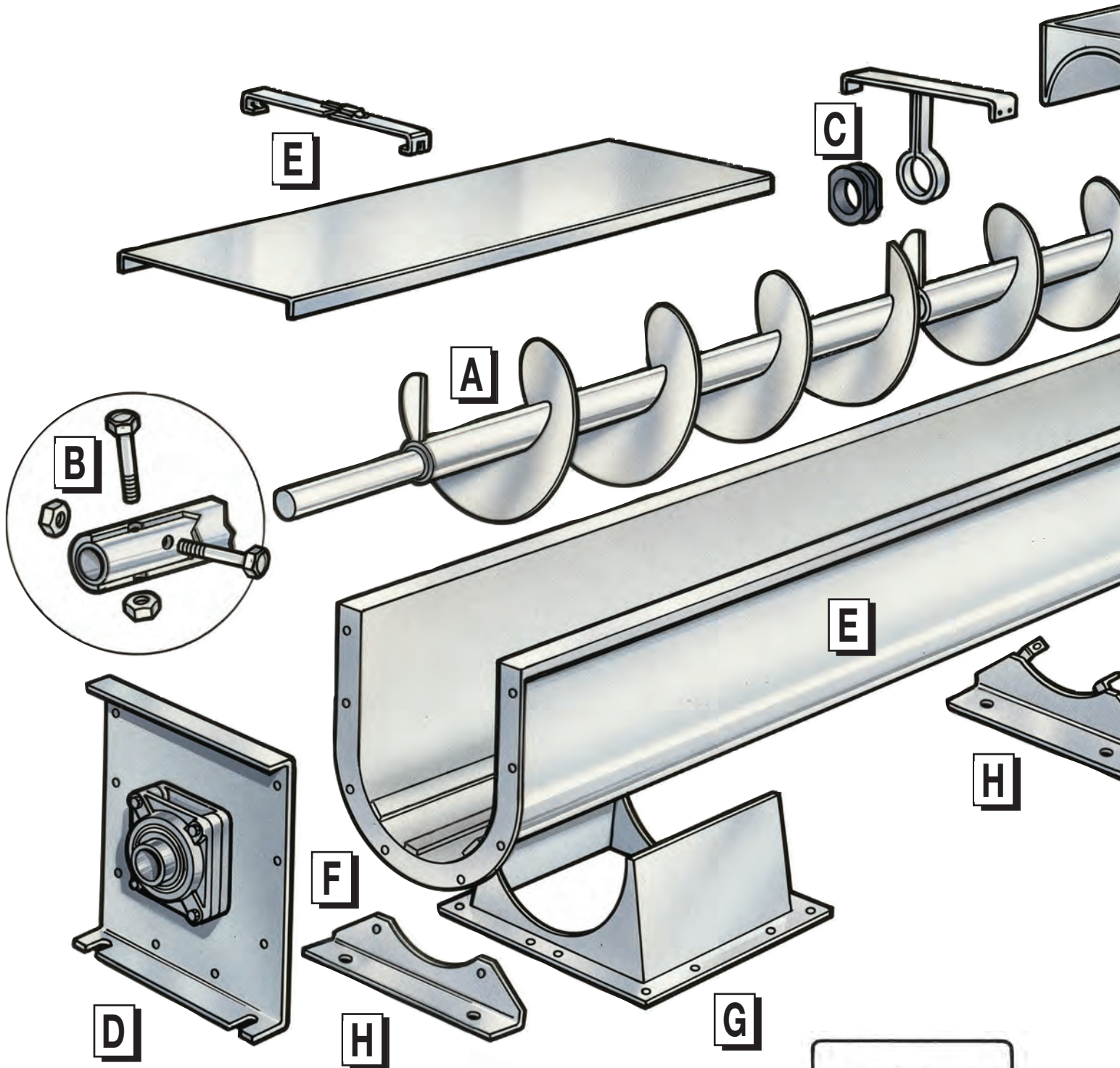
150mm x 8m lg



**THE EXPERIENCE  
TO HANDLE IT RIGHT!**

**Screw Conveyor Corporation®**

# Quality Screw Conveyor Systems and Components Are

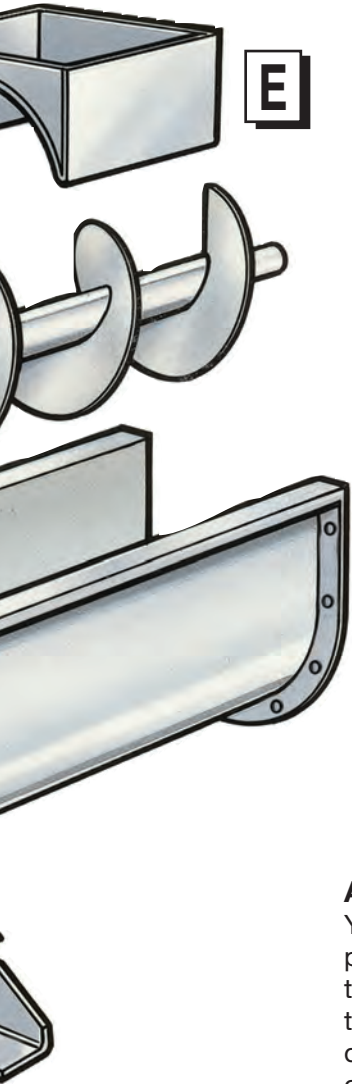


Please refer to Screw Conveyor Corporation Engineering Manual and related current price list for complete details and part numbers.



(Note: Applicable CEMA standards are used throughout the product line.)

Available in a Wide Range of Designs and Materials.



**CARBON STEEL,  
STAINLESS STEEL,  
AND GALVANIZED STEEL  
ARE INVENTORIED  
AND READY FOR  
IMMEDIATE DELIVERY!**

#### **A WIDE CHOICE OF STANDARD PARTS**

You get the system you need to solve your problem — yet keep cost at a minimum. Select the type of component from our standard line that fits your needs. For special flighting designs to solve a particular problem, please consult with one of our four sales offices.

**A Conveyor Screw:** Compact, manufactured straight and accurate in helicoid, sectional, ribbon and special designs to meet your requirements.

**B Job-Rated Components:** Selected to meet the performance required. Precisely worked to insure a longer lasting, truer running unit.

**Jig-Drilled Couplings:** Assures easy shaft alignment and assembly. Available with “Redi-Change” clamping key for quick disassembly of conveyor screw.

**Tem-U-Lac Self-Locking Coupling Bolts:** Guards against system damage and costly down-time caused by coupling bolts or nuts working loose.

**C Hangers and Bearings:** Various styles and bearing materials selected to meet your needs.

**D Trough Ends:** Several bearing and seal styles are available to match your needs.

**E Troughs, Covers, Clamps and Shrouds:** Ruggedly constructed standard “U” and other styles of troughs including tubular. Covers, clamps and shrouds available for all applications.

**F Nu-Weld® Flange:** Continuously welded steel flange holds trough in alignment.

**G Discharge Spouts:** All types available... located where you need them...with hand, electric, hydraulic or pneumatic powered gates.

**H Supporting Feet and Saddles:** Align and fasten the trough to the floor or existing structure.

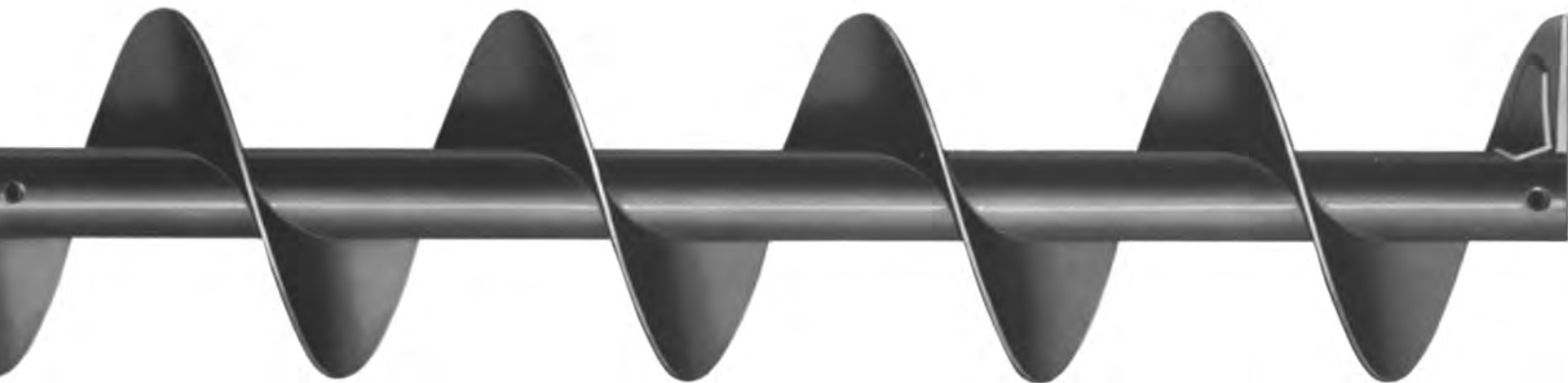
#### **A WIDE CHOICE OF MATERIALS**

**Stainless Steel Screw Conveyors** are ideal for use in the food, pharmaceutical, chemical and virtually all other industries where sanitation, corrosion or extreme temperatures are a problem. Stainless steel conveyor screw and parts are manufactured to the same specifications as standard mild steel. Any analysis of stainless steel can be used in the construction of your screw conveyor. Stainless accessories such as hangers, troughs, etc. are also available.

**Corrosion Resistant Conveyor Screws** may be made of special resistant metals such as stainless steel, Monel, Inconel, Cor-Ten, etc. They also may be hot dip galvanized for protection against mild corrosion.

**Wear Resistant Conveyor Screws** and accessories can be furnished in 40/50 carbon A.R. steels, T-1 nickel steel, Hardox 400 or can be coated with Postalloy, Stellite, Airco, etc.

# Conveyor Screws and Flights—Hangers and Bearings



**HELICOID CONVEYOR SCREWS UP THRU 20"**



**FLIGHTS FOR SECTIONAL CONVEYOR SCREWS UP THRU 30"**



**FLIGHTING FOR HELICOID CONVEYOR SCREWS**

We have all the pieces to put together an answer to your bulk material conveying problem. Screw conveyors handle almost any bulk material efficiently and they do it economically compared to other methods. Compact, they fit into tight places, with moving parts enclosed. They're easy to install and simple to maintain. You can run them horizontally, on an incline, and, with our Screw-Lift®, straight up.

We can meet your application needs in helioid and sectional flight types with adaptations including ribbon, special pitches and tapered – in various gauges of steel, stainless steel and other alloys, including hardened flight surfaces.

Whether your need is for components or a complete system, you can rely on our years of experience in the engineering and manufacturing of screw conveyors. Consult our experienced personnel without obligation.



**RIBBON CONVEYOR SCREWS**



## **REDI-CHANGE QUICK DISCONNECT CONVEYOR SCREWS**

The Redi-Change feature allows you to perform conveyor screw changes and repairs without dismantling the entire conveyor. This feature is available on all types of conveyor screws (not available in 1" shafts).



**COUPLINGS**



**TEM-U-LAC® COUPLING BOLTS**



**PIPE BUSHINGS**

**FORMED STEEL LUG FOR DISCHARGE END**

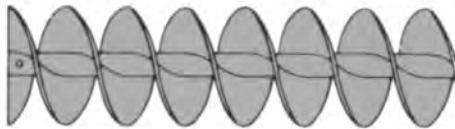


**FORMED STEEL LUG FOR FEED END**

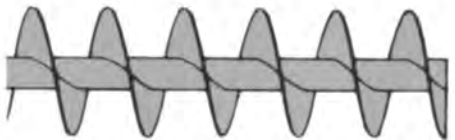


**END LUGS**

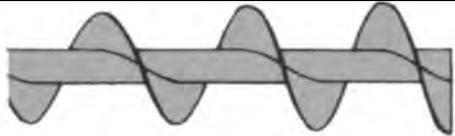
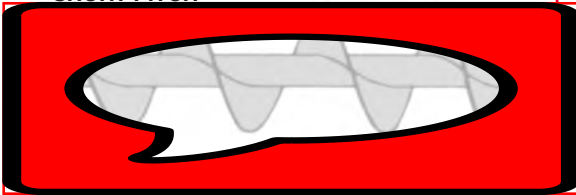
## SPECIAL CONVEYOR SCREW DESIGNS



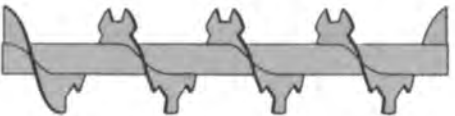
DOUBLE FLIGHT



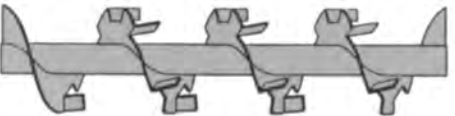
SHORT PITCH



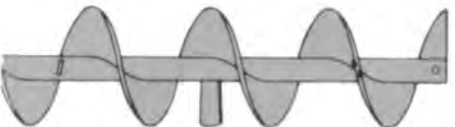
TAPERED DIAMETER



CUT FLIGHTS



CUT AND FOLDED



MIXING PADDLES (welded or adjustable)



PADDLE CONVEYOR

## HANGERS AND REPLACEMENT HANGER BEARINGS



STYLE NO. 220



STYLE NO. 226



STYLE NO. 260



STYLE NO. 230



STYLE NO. 270



STYLE NO. 216



EXPANSION  
STYLE NO. 326



FLARED TROUGH HANGER



BEARING FOR  
STYLE 220, 226, 326 HANGER



BEARING FOR  
STYLE 216, 230 HANGERS



BEARING FOR  
STYLE 260, 270 HANGERS

The style 226-Hanger is the most popular since it mounts completely inside the trough and is more suitable for use with dust tight or weather tight covers.

Standard bearings are Babbitt, hard iron, wood, bronze and nylon or Nylatron. Available on special order are Ni-Hard, Bronze Oilite, Gatke, Stellite Bushed, Teflon and many other bearing materials.



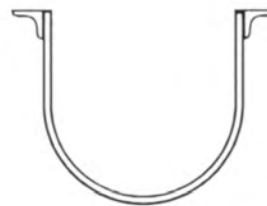
# Troughs and Trough Ends



Troughs are available in sizes up to 30" and in gauges up to 3/8" thick. They can be formed of stainless steel or other alloys. Nu-Weld® end flanges are continuously jig-welded on each end to assure alignment and tight connecting joints. If supporting feet are needed, they are spaced at the flange joints. Trough saddles are also available.



**DOUBLE FLANGED TROUGH**



**ANGLE TROUGH**



**SINGLE FLANGED**

## SPECIAL TROUGH DESIGNS



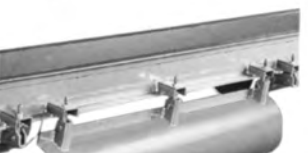
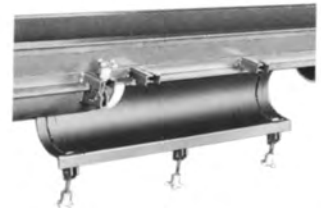
**FLARED TROUGH**



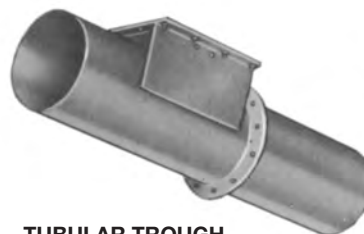
**CHANNEL TROUGH**



**JACKETED TROUGH**



**DROP BOTTOM TROUGH**



**TUBULAR TROUGH**

Troughs may be furnished in a variety of materials including stainless steel, galvanized, monel or other alloys. Covers are usually bolted on or furnished with screw or spring clamps and may be flat for interior or hip roof for exterior installations. Piano hinges are also available.

## TROUGH END DESIGNS



STYLE NO. 100



STYLE NO. 101



DISCHARGE TROUGH END  
STYLE NO. 104 AND 107



FLARED TROUGH END  
STYLE NO. 114 AND 115



BOLT ON SHELF  
(Bolts to existing trough ends)

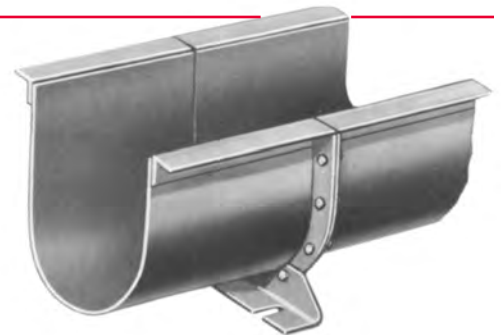
## CHEVRON ROLLER BEARING END THRUST WITH TROUGH END



ANTI-FRICTION STYLE NO. 102  
PICTURED WITHOUT SEAL



ANTI-FRICTION STYLE NO. 103  
PICTURED WITH PACKING SEAL



### NU-WELD® END FLANGE

Nu-Weld® end flanges are made of heavy-gauge steel to assure close accurate fit with the conveyor trough and the trough ends of the following end flange. Bolt holes are jig-punched to assure accurate alignment.



### SADDLES AND FEET

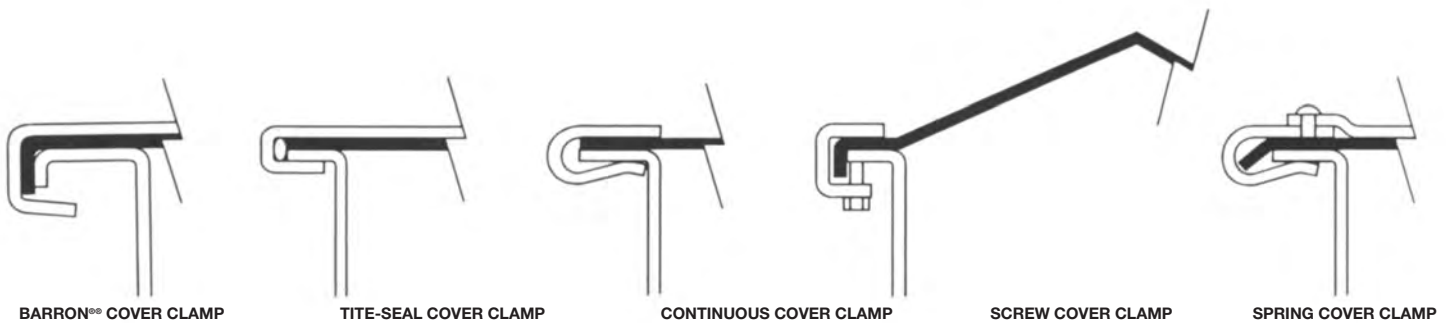


### TROUGH END DUST SEALS

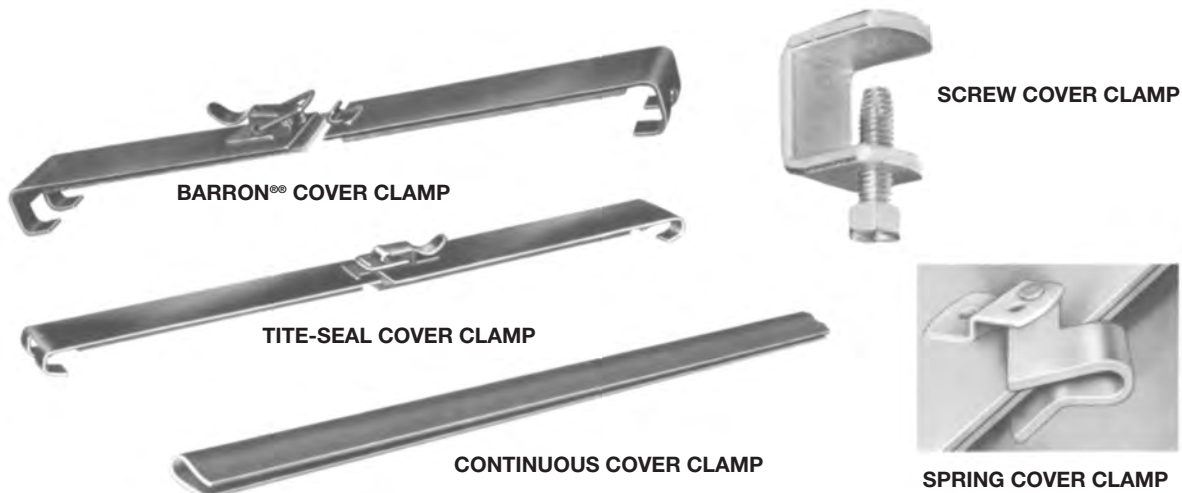
# Trough Covers – Shrouds – Cover Clamps



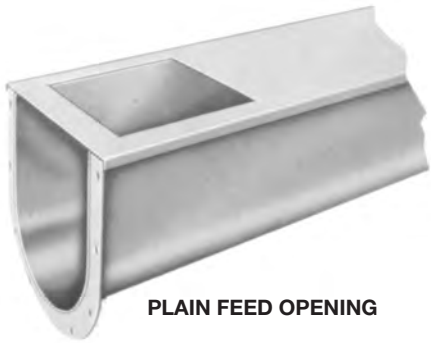
Note: Standard designs are not intended to be weather, rain, air, or pressure tight. For special design requirements, contact your nearest sales office.



## TROUGH COVER CLAMPS



# Feed and Discharge Spouts



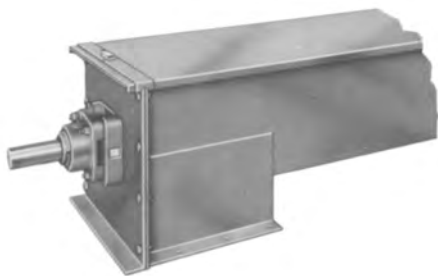
PLAIN FEED OPENING



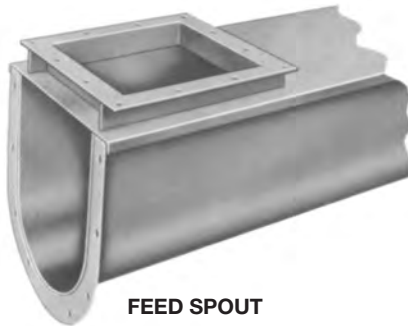
DISCHARGE WITH FLAT-HAND SLIDE



PLAIN DISCHARGE



FLUSH END DISCHARGE



FEED SPOUT



DISCHARGE WITHOUT SLIDE

## RACK AND PINION GATES

Rack and pinion gates have cut tooth racks welded to the slide plate. This engages a cut tooth pinion mounted on a pinion shaft. Gate may be operated by hand wheel, chain wheel or power operated by electric motors, air or hydraulic cylinders.



FLAT SLIDE



CURVED SLIDE

# Screw Conveyor Corporation—Your One Source Supplier

**QUALITY COMPONENTS  
IN STOCK AND READY  
FOR FAST DELIVERY!**



Screw Conveyor Corporation has a vast stock of quality components at four major locations across the country. We are committed to supporting the inventory position of our nationwide network of distributors. This commitment assists them in meeting the demands of their customer base with on-time delivery of high quality Screw Conveyor components and replacement parts.

From standard inventory to custom work, we've grown by answering our customer's needs. And we offer it all..concept, engineering, manufacturing and service.

The photos shown on this page represents a cross section of the quality components and replacement parts in stock at three key locations nationwide.



# Screw Conveyor Safety Practices



TO AVOID UNSAFE OR HAZARDOUS CONDITIONS, THE FOLLOWING MINIMUM PROVISIONS MUST BE STRICTLY OBSERVED.

- 1.(A) **SCREW CONVEYORS SHALL NEVER BE OPERATED UNLESS THE CONVEYOR HOUSING COMPLETELY ENCLOSES THE CONVEYOR MOVING ELEMENTS.** All necessary housings, covers, safety guards, railings, gratings and power transmission guards must be in place. If the conveyor is to be opened for inspection, cleaning or observation, the motor driving the conveyor is to be locked out electrically in such a manner that it cannot be started by anyone, however remote from the area unless the conveyor housing has been closed and all guards are in place. **THE HOUSINGS, COVERS AND GUARDS ARE NECESSARY TO PREVENT ANYONE FROM ENTERING, REACHING, OR FALLING INTO THE MACHINERY, WHICH MAY RESULT IN SERIOUS PERSONAL INJURY.**
- (B) If the conveyor must have an open housing as a condition of its use, the **entire open conveyor is then to be guarded by a railing, fence or rugged safety grating.**
- (C) Feed openings for shovel, front end loader or other mechanical equipment shall be constructed in such a way that the conveyor is covered by a rugged grating. If the nature of the material is such that a grating can't be used, **then the exposed section of the conveyor is to be guarded by a railing and there shall be warning signs posted.**

2. **DO NOT PLACE HANDS OR FEET IN ANY CONVEYOR OPENING, TO AVOID BEING CAUGHT BETWEEN THE ROTATING CONVEYOR SCREW AND THE CONVEYOR HOUSING.**
3. **DO NOT WALK ON CONVEYOR COVERS OR GRATINGS OR POWER TRANSMISSION GUARDS, TO AVOID FALLING INTO OR AGAINST THE ROTATING CONVEYOR SCREW.**
4. **DO NOT** poke or prod material in the conveyor with a bar or stick, **to avoid being struck by the bar or stick.**
5. **DO NOT** overload conveyor or use it for anything but its intended use.
6. **DO** practice good housekeeping

**A copy of Screw Conveyor Safety and Service Instructions are shipped as part of every order.**



**THE EXPERIENCE  
TO HANDLE IT RIGHT!**

**Screw Conveyor Corporation®**

# 3



## SEPRO TYRE DRIVE GRINDING MILLS

### APPLICATIONS

- Small tonnage plants – primary grinding
- Regrinding mills
- Reagent prep
- Lime slaking

### KEY ADVANTAGES

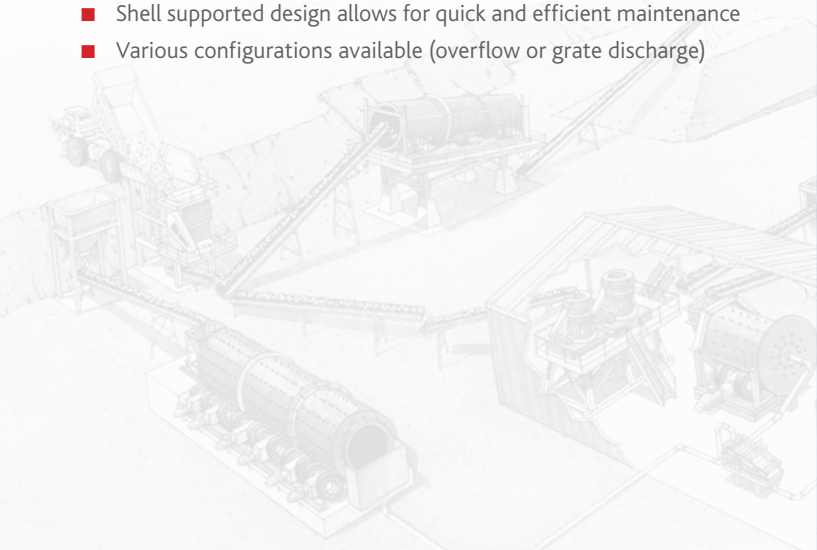
- Short delivery times
- Low installation costs with no heavy foundation requirements
- No critical components such as ring gears, chain drive, steel wheels or trunnion bearings
- Standard, off-the-shelf major components to minimize any downtime
- Commercial heavy truck tyres that can easily be sourced locally
- Units are all pre-assembled and shop tested
- Rubber shell liners and lifters for long life and ease of replacement
- Shell supported design allows for quick and efficient maintenance
- Various configurations available (overflow or grate discharge)

### SHORT DELIVERIES AND LOW CAPITAL COST

**Sepro Tyre Drive Grinding Mills** are a reliable solution for small and medium capacity grinding applications, and are suitable for Ball, Rod and Pebble charges. Mills come complete with a variable frequency drive (VFD) package which allows you to fine tune the operation of the mill based on the charge and application. No auxiliary drive is required to perform maintenance, which is done quickly with minimal heavy lifting due to the simple removal of the grate or discharge head to access the mill internals. Sepro Mill shells are manufactured in one piece to high quality standards and are thermally stress relieved to eliminate localized high stress areas.

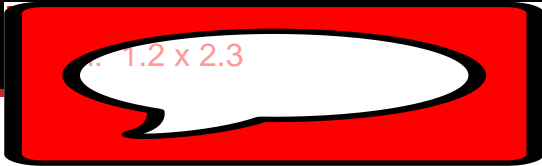
The machine utilizes the Sepro Pneumatic Tyre Drive System (PTD) which provides an alternative to standard trunnion supported mills. This system of rubber tyres mounted on independent gear boxes provides excellent serviceability and reliability, having been well proven in numerous difficult applications. An instrumental feature accompanying Sepro's tyre driven equipment is the tyre pressure monitoring system (TPMS) which comes standard with each Sepro rotary control console.

**Pilot scale mills are also available for pilot plant and laboratory use.**





# SEPRO TYRE DRIVE GRINDING MILLS



## STANDARD MILL SIZES

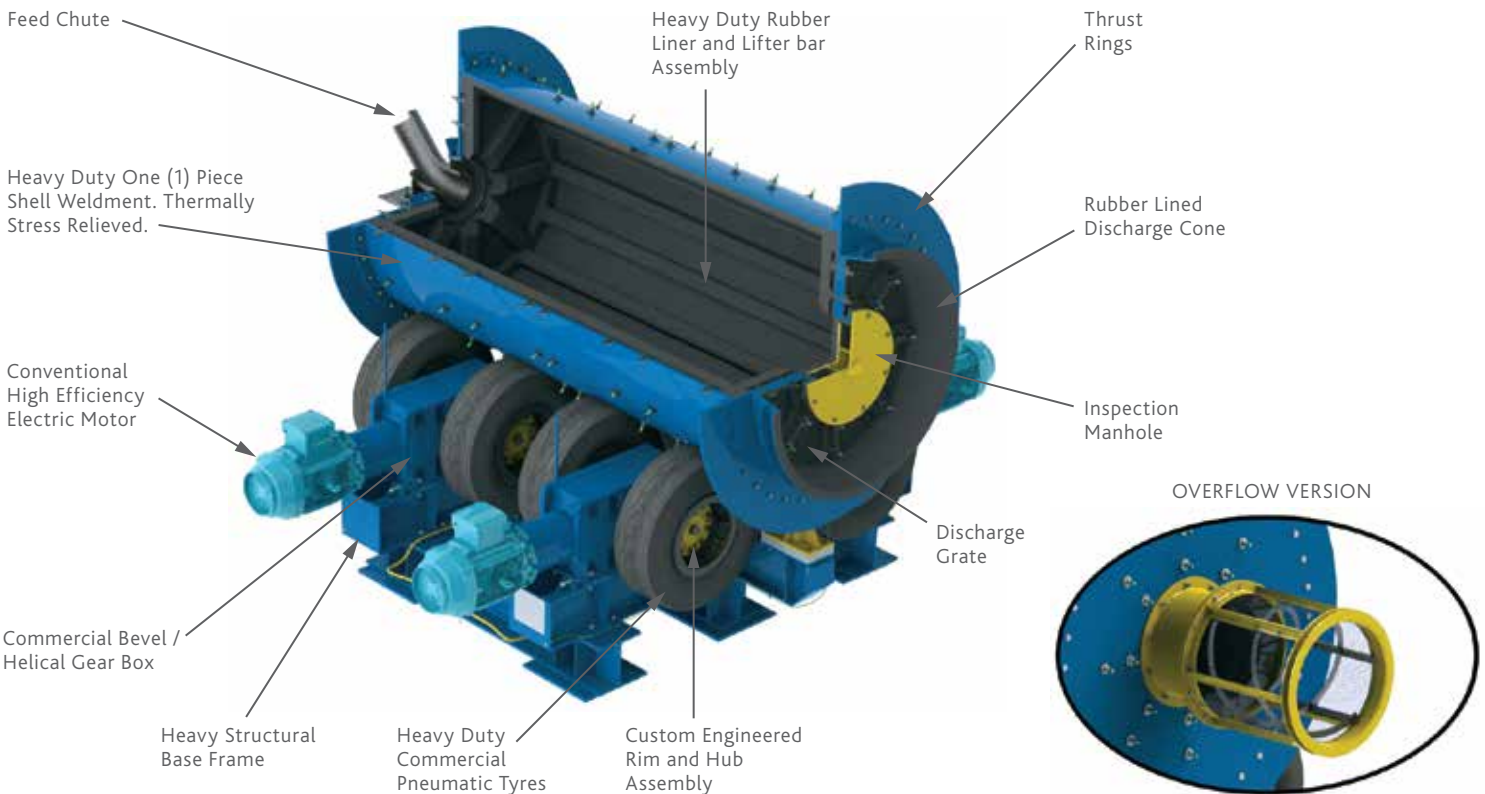
DIA. X L (m)	INSTALLED POWER (kW)
1.05 x 1.4	18
1.2 x 2.3	37
1.5 x 3.0	75
1.8 x 3.6	150
2.1 x 4.0	220
2.1 x 6.0	330



1.8 x 3.6 Sepro Ball Mill



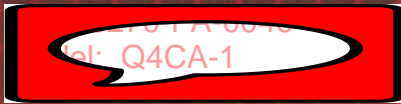
Sepro Pneumatic Tyre Drive System (PTD)



Sepro Mineral Systems Corp.  
 9850 201 Street, Langley, British Columbia, Canada V1M 4A3  
 Office: +[1] 604.888.5568 • Fax: +[1] 604.888.5521 • Toll free: +[1] 800.990.5568 North America  
 sepro@seprosystems.com • www.seprosystems.com





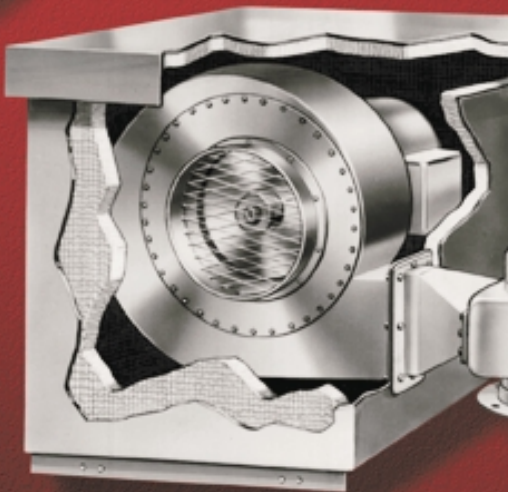


## DRAFT INDUCERS

For creating an instant, reliable draft with boilers, furnaces, heaters, ovens, incinerators, kilns and other combustion equipment.

## INDUSTRIAL EXHAUSTERS

For venting corrosive, adhesive, moisture and stock laden air, explosive fumes and gasses from all types of environments up to 2000°F.



# Quincy Draft

# Draft Inducers



Quickdraft units create an instant draft for any type of heating, incineration or combustion equipment. By establishing the most favorable conditions for combustion, the draft inducers increase efficiency, reduce fuel consumption and enhance clean burning.

Motors, blades, bearings...in fact, all moving parts...are external to the air/gas/fume stream. Accordingly, they are all unaffected by smoke, abrasive ash, high temperatures or other adverse factors and conditions.



## Standard

Models Q4 through Q10 including Q4S and Q8S use fractional horsepower motors with sleeve bearings, 115V, 1-phase, 60Hz.

## Commercial

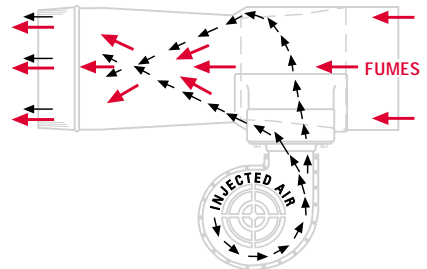
1/4 to 10 horsepower motors operating at 1725 rpm. Face mounted up to 7 1/2 HP. Power requirements adapted to the application.



## Problem Solvers

Where a Quickdraft draft inducer has not been installed initially, the units have been added to correct for these typical problems:

- Chimney flues which are too small, too short, or cold at start up.
- Flues which are too large, causing excessive cooling because of recirculation.
- Blow-backs on startup.
- Smoke pipes which are too long, or have too many elbows.
- Surrounding high hills, trees, or buildings which cause turbulence.
- Excessive smoke leakage around clean-out and inspection doors.
- Excessive soot buildup in passes and breeching.
- The necessity to increase chimney or stack capacity when larger equipment is installed.



## Principle of Operation

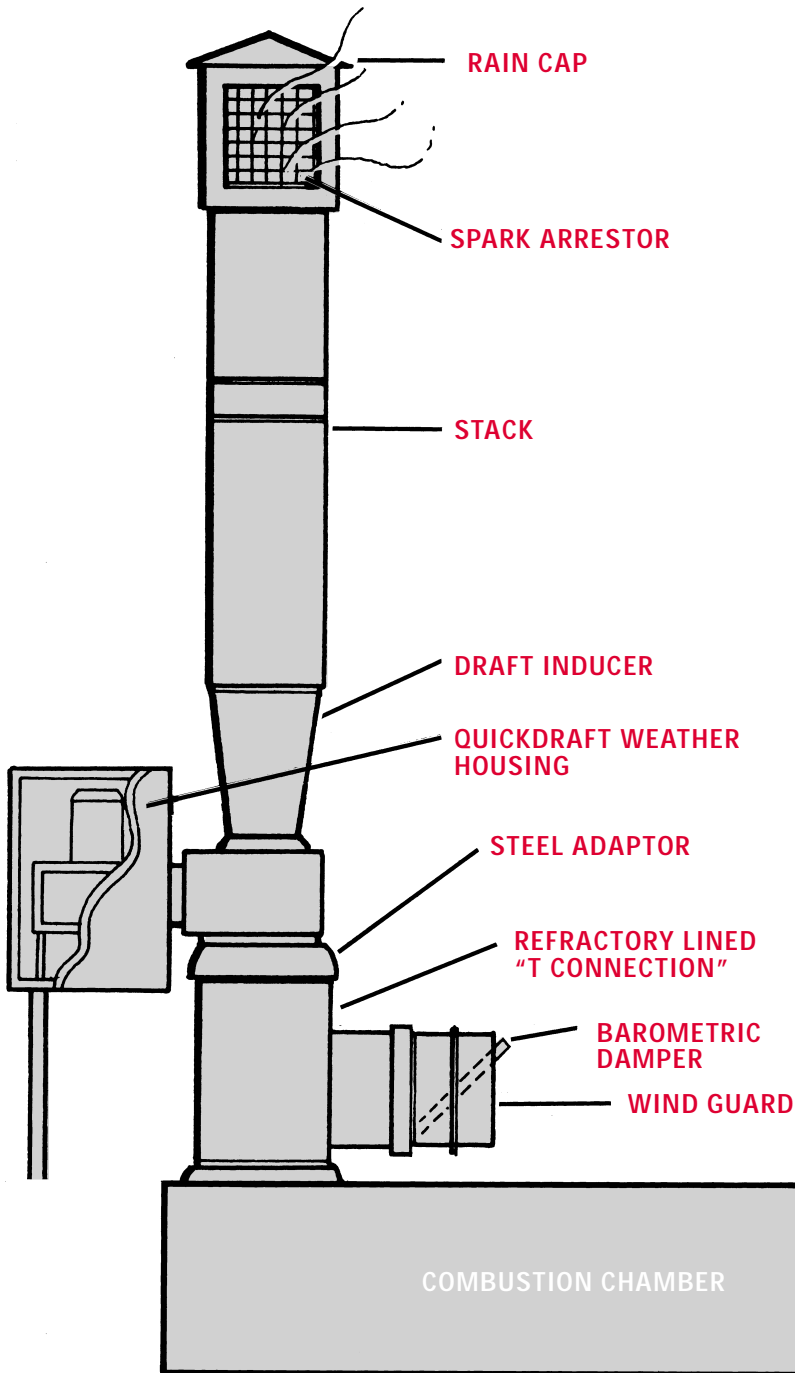
As depicted in the illustration, air is injected at high velocity through a plenum chamber controlled by a nozzle into an eductor tube. This action induces the flow of air/gas/fumes/vapors upstream from the tube. Flue gasses, for example, are then entrained with the injected air and exhausted into the chimney or stack. **NOTE:** There are no obstructions to flow in the Quickdraft eductor tube and all moving parts are external to the flow path.

## Industrial

1/2 to 40 horsepower motors operating at 3450 rpm. Face mounted up to 7 1/2 HP. Motor base mounts over 7 1/2 HP. Power requirements adapted to the application.



# Draft Inducer



Quickdraft units provide the means for promoting complete burning in virtually any combustion application. The capability of the draft inducer is engineered to overcome the resistance created by wet scrubbers, spray washers, afterburners or other devices added to the combustion process.

## Range of Sizes

Quickdraft units are available in sizes ranging from 4" to 42" inlet diameter.

## Custom Engineered Units

In addition to the Quickdraft Standard, Commercial and Industrial models, custom engineered units are available with motors from 1/30 HP to 500 HP.

## Eductor Materials

Standard materials for the Quickdraft eductor include vitreous enameled steel and 304, 309 or 316 stainless steel. Other materials are available to meet application requirements.

## Versatility

All models can be installed either horizontally or vertically. Quickdraft units can be installed either in-line with the flue, or on top of the stack.

## Application Engineering

Quickdraft engineers provide expert assistance in determining the most effective solution to any draft inducing application.

# Exhausters

Quickdraft Exhausters are used extensively to vent corrosive, adhesive or explosive fumes and gasses in all type of environments. The units are frequently employed in applications where temperatures may reach 2000 degrees F. To assure optimum performance and minimum cost, Quickdraft application engineers are available to select the equipment best suited to any specific project.

**This cutaway illustration depicts a motor and blower assembly inside a weather-resistant housing. The assembly is connected to a Quickdraft eductor unit. The cutaway view of the eductor shows the nozzle around which air is injected. Note, the solid construction and simplicity of installation.**



## Installation

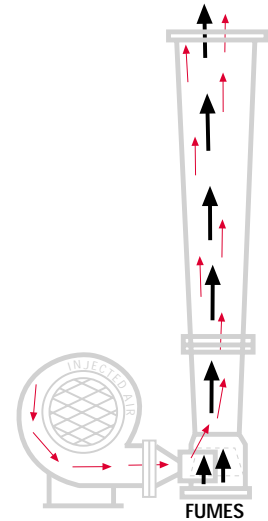
Quickdraft Exhausters are typically mounted on a roof and discharge to the atmosphere. A wide variety of weather-resistant housings are available to shelter the motor and blower unit.

## Clear-through Flow Path

The Quickdraft Exhauster provides a clear-through flow path for dust/smoke/gasses/fumes which are to be exhausted. There are no moving parts in the exhaust stream. This allows for the safe handling of explosive and/or hazardous elements carried by the air stream. It assures long life for the equipment and it simplifies service since all moving parts are separated from the eductor unit.

## Materials

In many applications, the eductor is constructed of mild steel and may be coated with a variety of corrosion resistant materials. Frequently the units are furnished in varieties of stainless steel such as 304, 309 and 316. Other materials are available to meet application requirements.

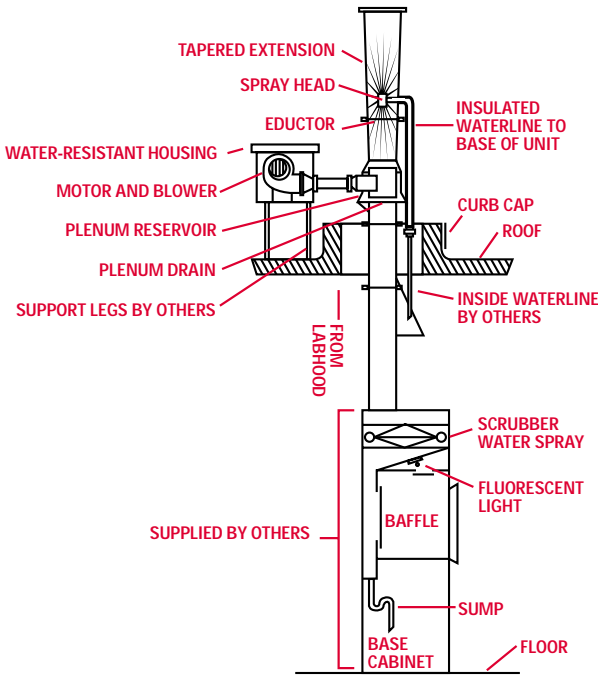


## Principle of Operation

Air is injected at high velocity through a plenum chamber controlled by a nozzle into an eductor tube where it entrains the gasses/fumes/vapors which are then exhausted, usually to atmosphere.

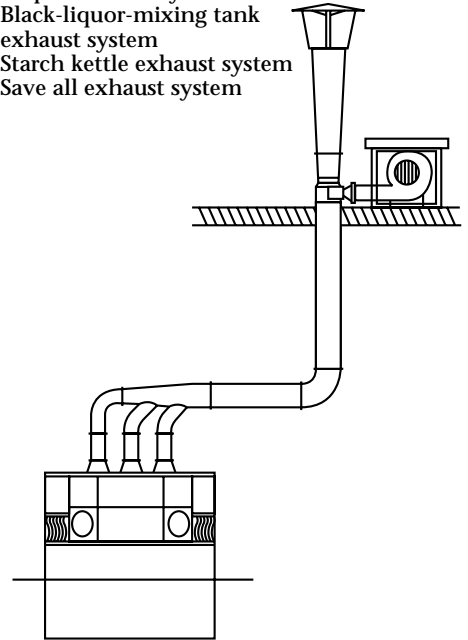
# Typical Exhauster Applications

## Perchloric Acid Hood Exhaust



## Paper Mill Exhaust Systems

- Pulper exhaust system
- Black-liquor-mixing tank exhaust system
- Starch kettle exhaust system
- Save all exhaust system



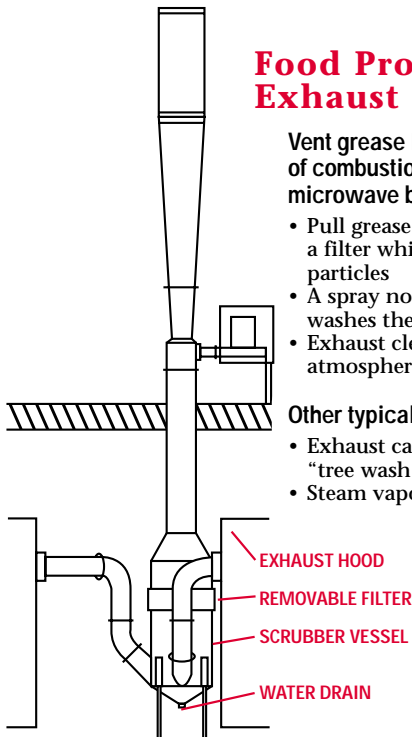
## Food Processing Exhaust Systems

Vent grease laden products of combustion from two microwave bacon hoods.

- Pull grease laden air through a filter which traps the solid particles
- A spray nozzle assembly washes the filter
- Exhaust clean filtered air to atmosphere.

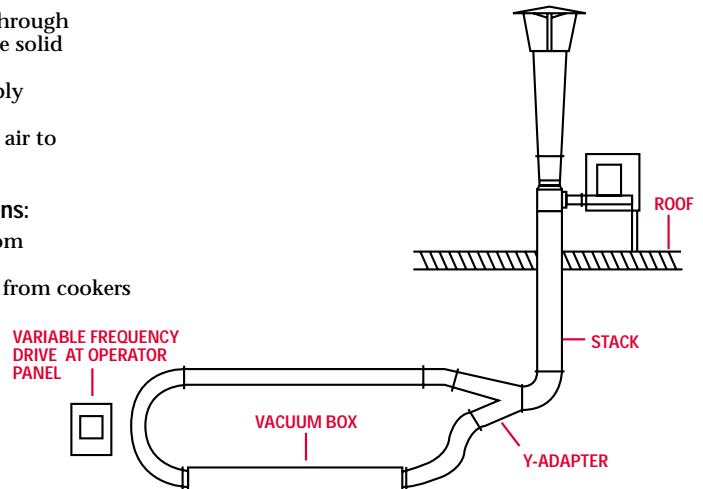
Other typical applications:

- Exhaust caustic air from "tree wash cabinet"
- Steam vapor exhaust from cookers

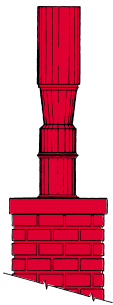


## Film Extrusion Exhaust System

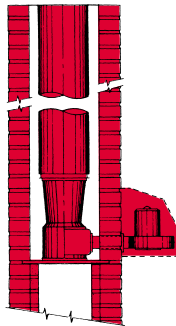
- Exhaust air with sticky particulate off vacuum box



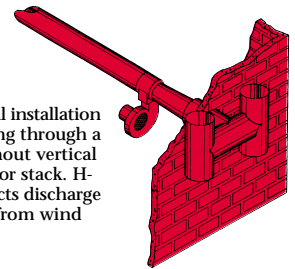
# Arrangements & Applications for Draft Inducers



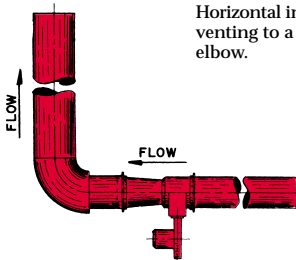
Quickdraft system installed vertically on top of a chimney, discharging to atmosphere.



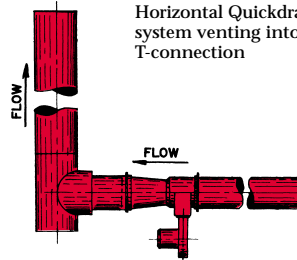
Quickdraft equipment installed in a chimney as part of the flue to preserve architectural design. Motor and blower may be separately located and protected from the weather.



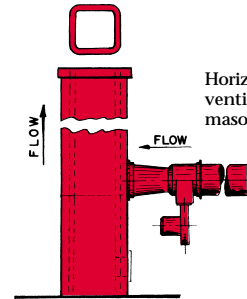
Horizontal installation discharging through a wall, without vertical chimney or stack. H-cap protects discharge opening from wind effect.



Horizontal installation venting to a 90-degree elbow.



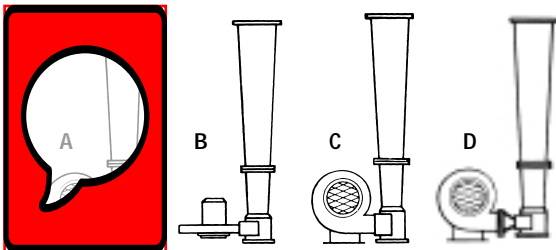
Horizontal Quickdraft system venting into a T-connection



Horizontal Installation venting into a masonry chimney.

# Arrangements & Applications for Exhausters

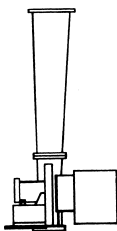
## ARRANGEMENT 1



1A and 1B use "C face" mounted motors, 1/4 HP to 7 1/2 HP. The motor shaft is horizontal in 1A and vertical in 1B. 1C and 1D use foot mounted motors, 10HP and above, motor shafts are horizontal. Plenum openings are either horizontal or vertical as shown.

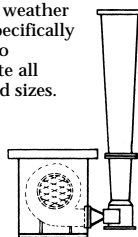
## ARRANGEMENT 4

Includes blower inlet protection in the form of a screened hood. Used with vertical plenum opening on the eductor unit for 1/4HP to 7 1/2HP motors, and vertical or horizontal plenum openings for motors 10HP and above. A motor base is required for 10HP and above motors.



## ARRANGEMENT 5

Provides a weather housing specifically designed to accommodate all models and sizes.



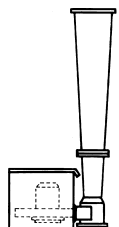
## ARRANGEMENT 2

This adds a rainsleeve to the blower inlet and a drip cover to the motor. It is intended for use with horizontal plenum openings on the eductor unit and for 1/4 HP to 7 1/2 HP motors.



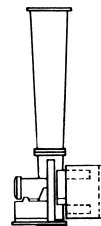
## ARRANGEMENT 3

Includes a weather-resistant housing for the motor and blower assembly. It may be used for horizontal or vertical plenum openings on the eductor unit. Motors may be from 1/4 HP to 7 1/2 HP.



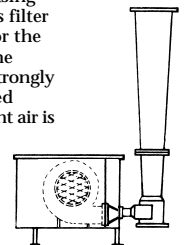
## ARRANGEMENT 6

This configuration adds noise abatement to weather protection. May be used indoors or outdoors.



## ARRANGEMENT 7

The weather resistant housing here includes filter protection for the inlet air to the blower. It is strongly recommended where ambient air is dust-laden.



# Typical Exhauster Applications

Provide a mechanical, high velocity, induction type (draft inducer)(exhauster) as manufactured by Quickdraft. The complete unit shall be sized and installed in accordance with specific recommendations from the manufacturer to insure the flow of (combustion gasses)(exhaust fumes) is not impeded and that there are no moving parts in the flow path.

The draft system must have a capacity of cfm at inches water column negative static pressure. The exhaust system must be able to continuously operate with a flue gas temperature of up to degrees F, and shall be provided with the following design and components:

The eductor section shall be constructed of (mild steel)(mild steel with two coats of acid resisting vitreous enamel)(304 stainless steel)(309 stainless steel)(316 stainless steel), and be provided (with unflanged ends)(with carbon steel flanges)(with stainless steel flanges).

The blower and motor shall be completely separate from the air stream of induced gasses. Ambient air from the blower is injected into a distributing plenum chamber and discharged through an annular orifice around the periphery of the eductor nozzle. This action shall induce the flow of (combustion gasses)(exhaust fumes) through the (stack)(flue)(exhaust piping).

The motor shall be phase volts hz, (totally enclosed fan cooled)(explosion proof). The blower assembly shall be constructed of standard materials.

## **Optional accessories and services:**

Provide the exhaust system with the following items/services of size and design by Quickdraft:

- Draft Control System with variable frequency drive, with inverter drive motor
- Indoor mounted variable frequency drive controller with (premium efficiency)(inverter drive) motor
- Manual adjustment damper located on blower discharge
- Weather cover for blower assembly
- Rain cap on outlet of stack
- Storm shield on outlet of stack
- Flip top damper on outlet of stack (counter balanced)(pneumatically actuated)(electrically actuated)
- Blower discharge silencer
- Blower intake silencer
- Blower intake filter
- Sound enclosure in place of weather cover
- Shock connector in blower discharge
- Vibration isolators
- General arrangement/installation drawing (a unit specification sheet is provided if the general arrangement drawing is not specified)
- Airflow vs. static pressure curve, with horsepower usage detailed
- Motor and blower shall be remotely located from the Quickdraft eductor, with the injected air ducted to the eductor through feet of straight duct and (90)(45) degree elbows
- Supply air for the blower to be ducted from another location through feet of straight duct and (90)(45) degree elbows



# Perchloric Acid Hood Exhaust System

Provide an eductor type exhauster as manufactured by Quickdraft. The complete unit shall be sized and installed in accordance with specific recommendations from the manufacturer to insure that the flow of fumes and gasses is not impeded and that there are no moving parts in the flow path. Provide Quickdraft Model Industrial Exhauster.

The eductor section shall be constructed of 316 stainless steel with 316 stainless steel flanges, provided with a plenum reservoir and drain, with all seams welded air tight and ground smooth to deter material build-up.

The tapered extension shall be constructed of 316 stainless steel with 316 stainless steel flanges, with all seams welded air tight and ground smooth, provided with a 316 stainless steel spray head assembly mounted inside the tapered extension, provided with a \*" diameter pipe coupling waterline connection terminating on the outside of the tapered extension.

The blower and motor shall be completely separate from the air stream of the exhaust fumes. Ambient air from the blower shall be injected into a distributing plenum chamber at the eductor and discharged through an annular orifice around the periphery of the eductor nozzle. This action shall entrain the fumes and vent them through the exhaust piping.

The motor shall be phase, volts, hz, (totally enclosed fan cooled)(explosion proof). The blower assembly shall be constructed of standard materials. A weather cover shall be provided over the motor and blower assembly, constructed of standard materials. The blower and weather cover shall be protected with a polyurethane coating.

### Optional accessories and services:

Provide the exhaust system with the following items/services of size and design by Quickdraft:

- Manual adjustment damper located on blower discharge
- Indoor mounted variable frequency drive controller with (premium efficiency)(inverter drive) motor
- Blower discharge silencer
- Blower intake filter
- Sound enclosure in place of weather cover
- Shock connector on blower discharge
- Vibration isolators
- General arrangement/installation drawing (a unit specification sheet is provided if the general arrangement drawing is not specified)
- Airflow vs. static pressure curve, with horsepower usage detailed
- Motor and blower shall be remotely located from the Quickdraft eductor, with the injected air ducted to the eductor through feet of straight duct and (90)(45) degree elbows
- Supply air for the blower to be ducted from another location through feet of straight duct and (90)(45) degree elbows

Typical schedule as follows:

Project Item #	Quickdraft Model #	Induced airflow (cfm)	Induced static pressure* (inches water column)	Injected air flow (cfm)	Total discharge airflow (cfm)	Minimum exit velocity (fpm)
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Schedules continued:

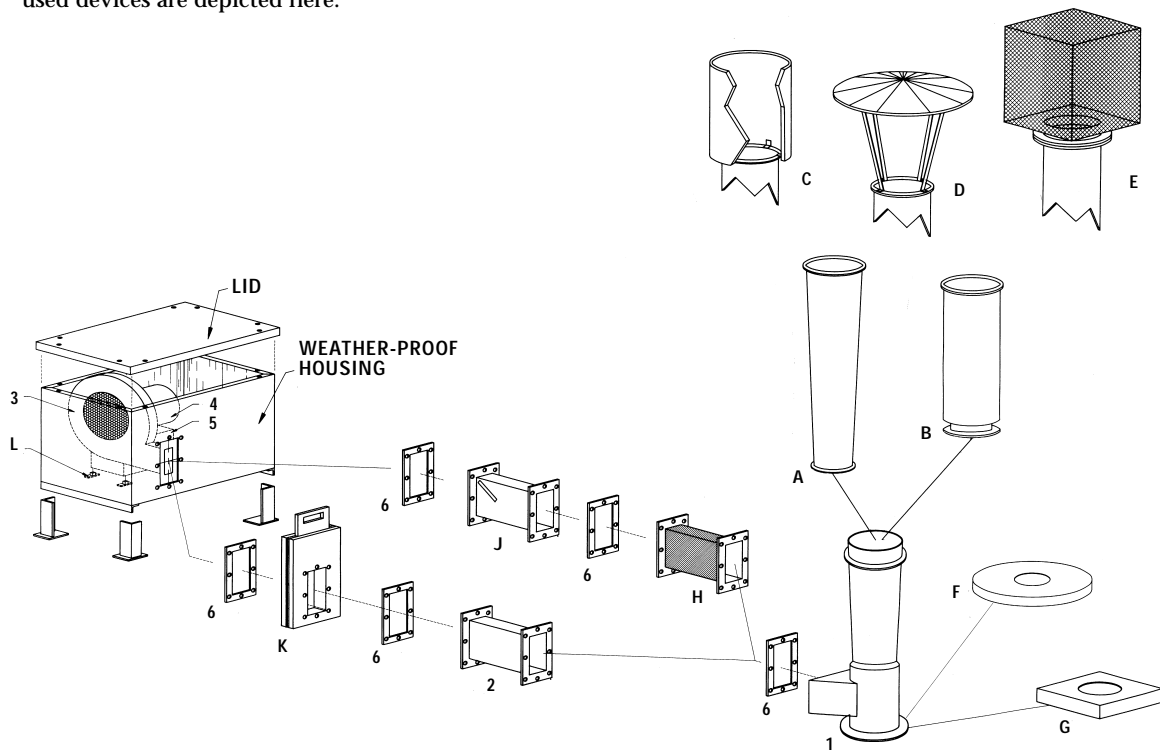
Hp	rpm	phase/voltage/Hz
----	-----	------------------

\*Required static pressure at eductor inlet flange



# System Accessories

Quickdraft provides a full range of accessory products to support its complete line of draft inducing and exhausting systems. Some of the most frequently used devices are depicted here.



## Basic Quickdraft Unit

- |                          |                             |
|--------------------------|-----------------------------|
| 1. Educator Tube         | 4. Motor                    |
| 2. Coupling, if required | 5. Motor Base- 10 HP and up |
| 3. Blower Assembly       | 6. Gasket                   |

## Accessories

- A. Tapered Extension- Diameter + 4"
- B. Straight Extension- Diameter + 2"
- C. Storm Shield- Cylindrical Type
- D. Rain Cap- Conical Type
- E. Spark Arrester
- F. Curb Cap- Round Type
- G. Curb Cap- Square Type
- H. Shock Connector
- J. Fabricated Volume Damper
- K. Machined Blast Gate Damper
- L. Vibration Isolators

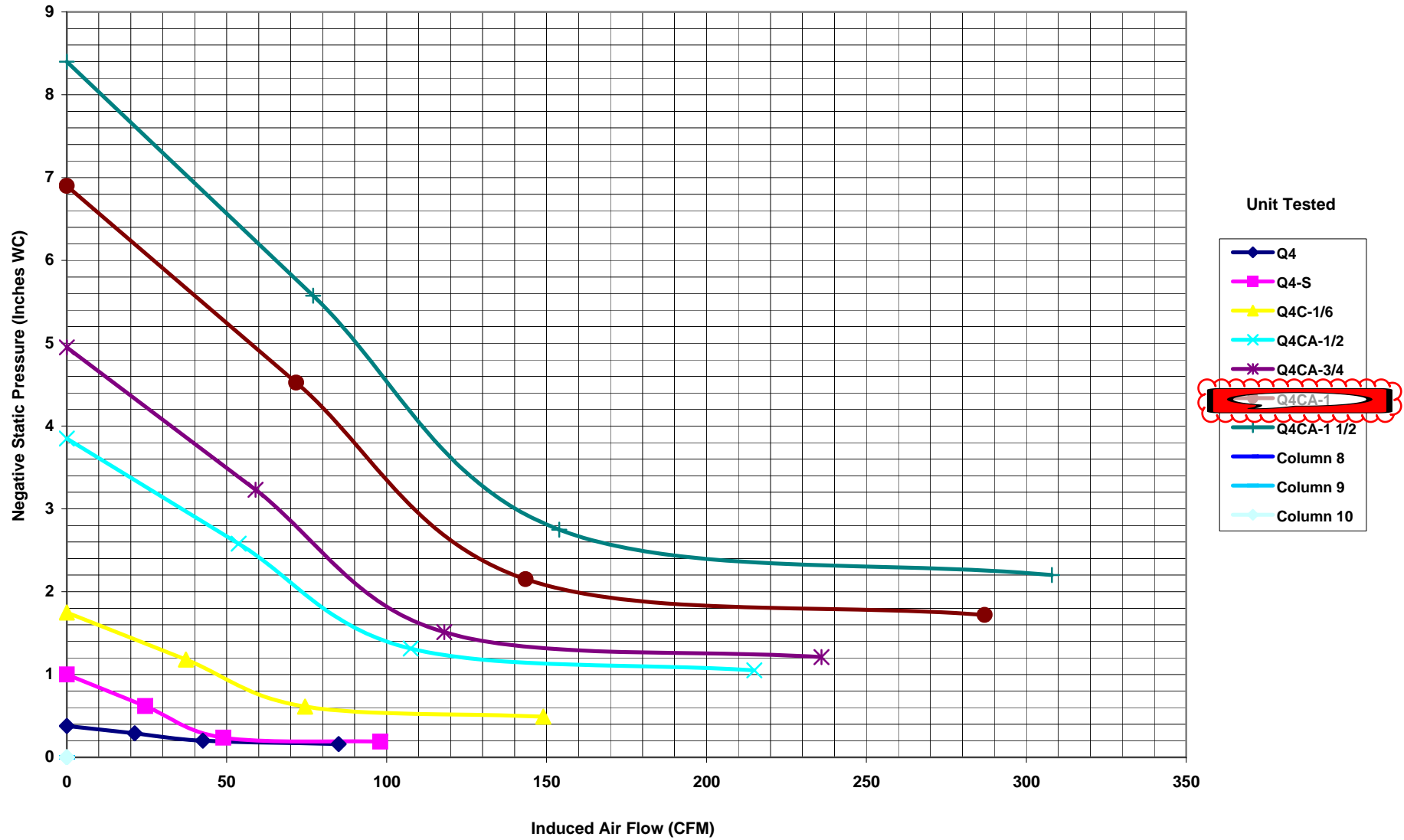


### Underwriters Laboratories

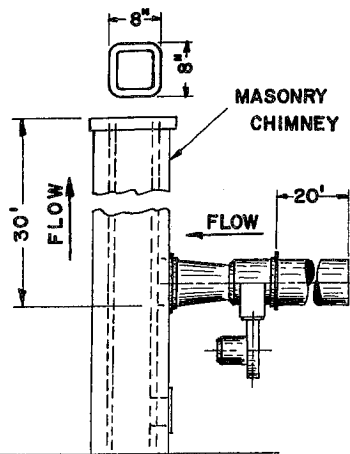
Where appropriate Quickdraft products are listed by UL under the Draft Equipment (MCQX) category. The listing is published in the UL Gas and Oil Equipment Directory.

Quickdraft inducers and exhausters have proved their performance capabilities with many general and specialized testing facilities. The most extensive are the test and conformance requirements at the Quickdraft plant. Test data is available on request for most applications. Testing for special projects is available on request at Quickdraft or, if necessary, at the client's location.

Q4 Models Test Condition #1

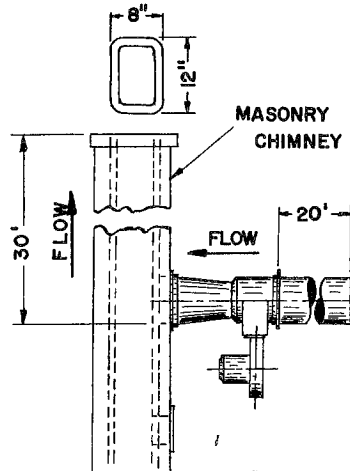


# STANDARD FLUE LINERS



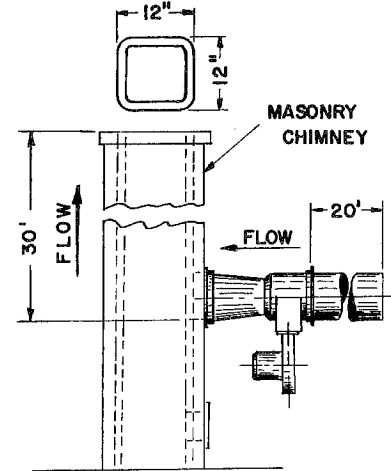
**TEST CONDITION 8(HORIZ.)**

VENTING INTO 8"X8"  
TILE FLUE LINER



**TEST CONDITION 9(HORIZ.)**

VENTING INTO 8"X12"  
TILE FLUE LINER



**TEST CONDITION 10(HORIZ.)**

VENTING INTO 12"X12"  
TILE FLUE LINER

## PERFORMANCE DATA

NOTE: FROM DRAWINGS ABOVE AND LEFT SELECT TEST CONDITION MOST RESEMBLING PROPOSED INSTALLATION.

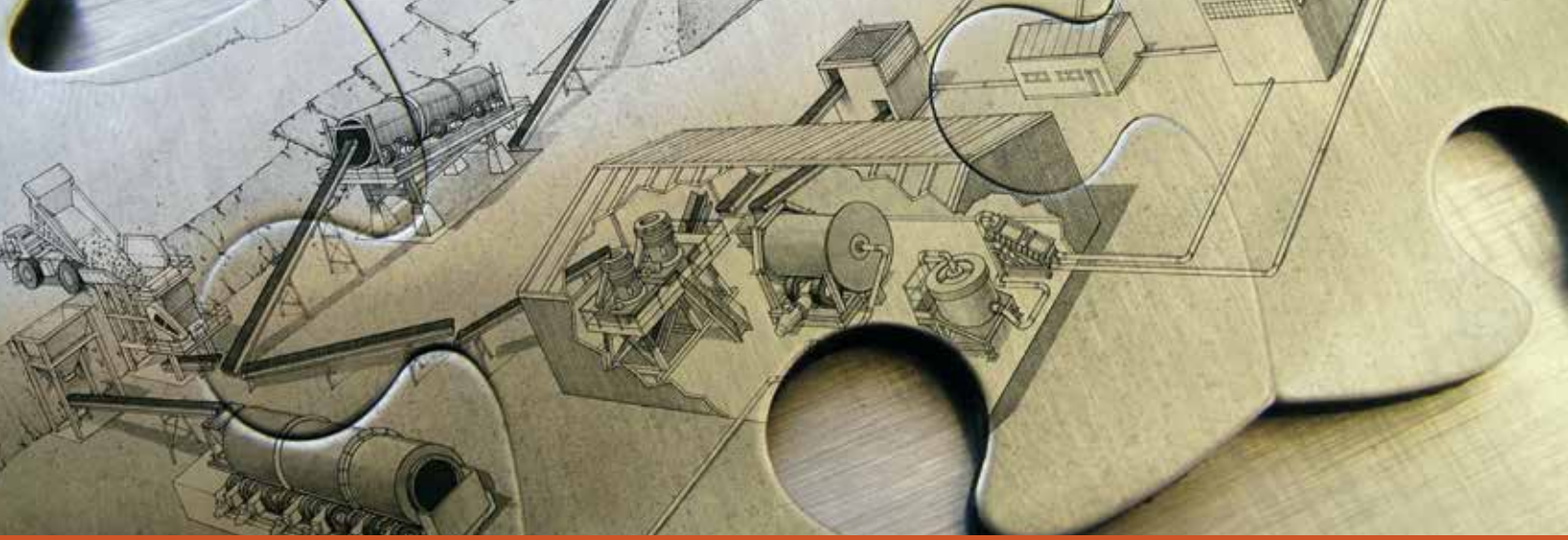
Q4CA-1	TEST CONDITIONS									
	1(VERT.)	2(VERT.)	3(VERT.)	4(HORIZ.)	5(HORIZ.)	6(HORIZ.)	7(HORIZ.)	8(HORIZ.)	9(HORIZ.)	10(HORIZ.)
C.F.M. (STANDARD AIR)	287	249	90	222	113	197	86	239		
C.F.H.	17220	14940	5400	3320	6780	11820	5160	14340		
NEGATIVE STATIC PRESSURE OPEN	1.72	1.37	.20	1.10	.28	.85	.155	1.25		
NEGATIVE STATIC PRESSURE CLOSED	6.90	6.80	3.20	2.20	3.50	5.75	2.00	6.15		
DRAFT	2.80	2.15	.29	1.42	.42	1.30	.23	1.90		

CAPACITIES SHOWN ABOVE ARE THE RESULTS OF TESTS CONDUCTED IN OUR FACTORY UNDER TEST CONDITIONS AS ILLUSTRATED BY DRAWINGS.

FLOW CAPACITIES IN CFM ARE CALCULATED FROM AIR FLOW MEASUREMENTS MADE ACROSS THE INTAKE DUCT, AT A POINT ONE AND ONE HALF DIAMETERS UPSTREAM OF THE QUICKDRAFT UNIT, USING A PITOT TUBE AND AN INCLINED MANOMETER. READINGS WERE CORRECTED FOR TEMPERATURE AND PRESSURE AND THEN RECALCULATED TO EQUAL WEIGHTS OF STANDARD CFM AT A DENSITY OF .075 POUNDS PER CUBIC FOOT.

NEGATIVE PRESSURE RATINGS ARE PITOT READINGS OF NEGATIVE STATIC PRESSURE. UNDER THE HEADING "OPEN" ARE LISTED THE NEGATIVE STATIC PRESSURE READINGS MEASURED ONE AND ONE HALF DIAMETERS UPSTREAM OF THE QUICKDRAFT WITH THE 20' LONG INTAKE DUCT UNRESTRICTED. UNDER THE HEADING "CLOSED" THE READINGS ARE MEASURED AT THE SAME POINT WITH THE INTAKE DUCT BLOCKED REDUCING THE FLOW TO ZERO.

"DRAFT" READINGS WERE MEASURED BY INSERTING A STRAIGHT METAL TUBE, CONNECTED TO AN INCLINED MANOMETER, INTO THE CENTER OF THE INTAKE DUCT THROUGH THE SAME OPENING USED FOR THE PITOT TUBE. SUCH READINGS HAVE NO RELATIONSHIP TO VOLUME OR STATIC PRESSURE, OTHER THAN UNDER "CLOSED" OR ZERO FLOW CONDITIONS, AND ARE INTENDED ONLY AS A GUIDE TO PERFORMANCE WHEN MORE COMPLETE TESTING IS INCONVENIENT.



## SEPRO FROTH/TANK PUMPS



### PUMP FEATURES

#### Bearing Assembly

- Short overhang on shaft design help minimize shaft deflection as well as vibration
- Heavy duty design which can also accommodate interchangeability
- The cantilever design for the drive assembly enables the pump to operate without submerged seals or bearings

#### Casing

- Designed for ease of maintenance and interchangeability between lining options
- Feature a solid casing with improved clamp design, allowing ease of rotation and maintenance
- Manufactured with heavy duty materials of construction for the pump to operate under the most arduous conditions

#### Impeller

- Expulsion vanes on impeller shroud, minimizing recirculation and reduced pressure in the stuffing box

#### Operation

- The conical tank design allows for improved flow efficiency
- Pumps can easily be installed as stand-alone units or as plant integration
- Open top design prevents air blocking

**Sepro Vertical Froth/Tank Pumps** feature a streamlined cantilever design with no submerged bearings or shaft seals required. Both pump models offer a protected bearing assembly to prevent slurry access. The open top reservoir eliminates the risk of air locking and ensures smooth operation and simple maintenance. Sepro VF/VT Pumps are available with various wet-end options for best performance, including the newly developed **SH46®** material.

The Sepro Vertical Froth Pump series is strategically designed to minimize the froth factor as much as possible. This model is streamlined with features to meet on site demands, such as a settling area in the tank, an increased vortex size, and the addition of a spiral section which prevents liquid "climbing" the tank wall among other key benefits. Sepro VF Pumps are the ideal solution for a variety of tough froth and flotation applications.

Equipped to handle numerous duties within the mineral processing, pulp and paper and waste water industries, the Sepro Vertical Tank Pump is a flexible solution for abrasive slurry handling. The Sepro VT Pump is customizable to suit process specifications with semi-open impellers, available tank covers, and various materials of construction for lining and advanced wear protection.

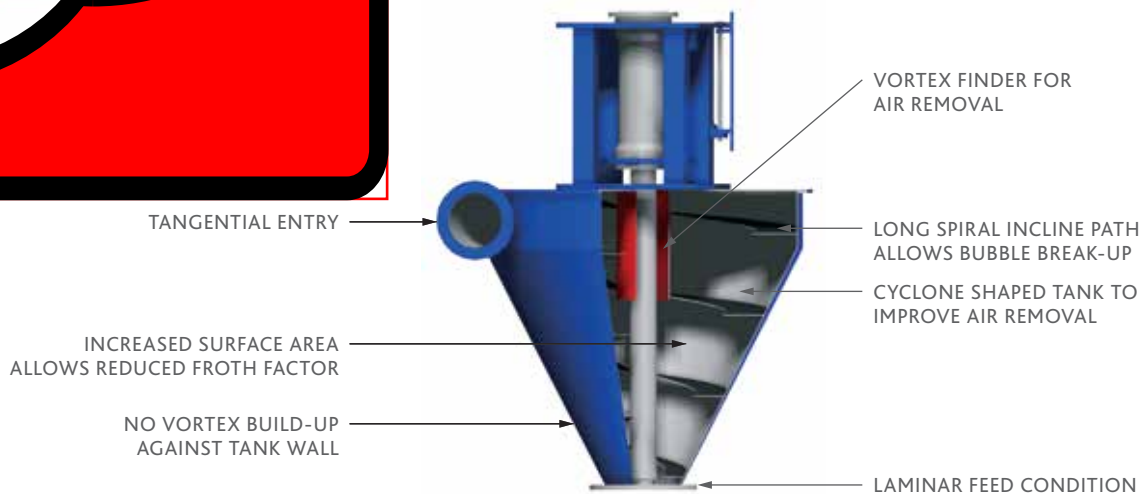
# SEPRO FROTH/TANK PUMPS

## VERTICAL TANK / VERTICAL FROTH SERIES

VT40	VF100
VT50	VT150
VF50	VF150
VT80	VT200
VF80	VF200
VT100	



Vertical Froth Series (VF)



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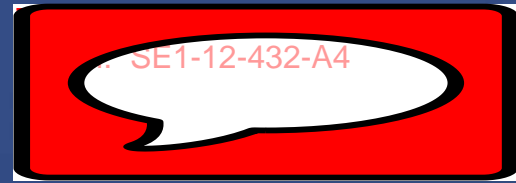
**Sepro Mineral Systems Ltd.**  
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 Tel/Fax: 00 233 302 790300  
 ghana@seprosystems.com  
 www.seprosystems.com



# Sidewall Propeller Fans

## Belt and Direct Drive

Exhaust, Supply and Reversible



 **GREENHECK**  
Building Value in Air.

July  
2009

# Sidewall Propeller Fans



Greenheck's sidewall propeller fan line is the ideal choice for factory and warehouse applications where high volumes of air and low pressures are required. From general ventilation to industrial duty, the range of construction and performance capabilities offered in this catalog represent the most comprehensive sidewall propeller fan line in the industry.

Performance spans the range between 300 to 87,000 cfm (510 to 147,814 m<sup>3</sup>/hr) with static pressures to 1.0 in. wg (249 Pa). Fan sizes range from 8 to 54 inches (203 to 1372 mm) for direct drive and 20 to 72 inches (508 to 1829 mm) for belt drive. Regardless of fan size, performance or duty level, all Greenheck sidewall propeller fans are built to perform with the same high standards of reliability and durability.

All models are available in exhaust or supply arrangements. Propellers are available in fabricated steel, fabricated aluminum or cast aluminum. Drive frames and panels are constructed to match the level of duty and the motor size from the smallest low volume model to the largest industrial duty fan.

There is a wide variety of fans to choose from including:

- Three airflow directions; exhaust, supply and reversible
- Both belt drive and direct drive fans
- Three levels of construction from commercial to industrial
- Multiple blade designs for low sound and optimum efficiency



Greenheck Fan Corporation certifies that the SB, SBC, S1, S2 and SC3 models shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.



## Quick Delivery and Quick Build Programs

Greenheck's Quick Delivery Program provides many options to help you meet your project's schedule. Stocking warehouses and distribution centers around the world ensure same-day pickup and same-day shipment for orders in by 2 p.m. (CST). Hundreds of custom products can be manufactured through Quick Build in just days.

For available options and accessories please refer to the Greenheck Stock & Quick Build Catalog.



## Leading Edge Technical Support

When product and IOM (Installation, Operation and Maintenance Manual) information is needed, our products are supported by the industry's best product literature, electronic media and Computer Aided Product Selection (CAPS) program.

You'll also find this information on our Web site at [www.greenheck.com](http://www.greenheck.com)

Our national and international representative organization provide personal service and expertise. To locate your nearest Greenheck representative, call 715-359-6171 or visit our Web site at [www.greenheck.com](http://www.greenheck.com).



Sidewall Direct Drive, Sidewall Belt Drive, Sidewall Belt Driven Cast and Sidewall Cast models are listed for electrical (UL/cUL 705) File no. E40001

\*UL is optional and must be specified

## Table of Contents

Model Comparison	3
Basics of Fan Selection	4
Mounting Options	5-10
Options and Accessories for Mounting Options	11
Dimensions for Sidewall Propeller	12-13
Dampers	14-15
Accessories and Options	16
Model Number Code	17
Direct Drive Construction & Material Data	18

Belt Drive Construction & Material Data	19
Direct Drive Dimensional Data	20
Belt Drive Dimensional Data	21
Direct Drive Level 1	22
Direct Drive Level 2	23
Direct Drive Level 3	24
Direct Drive Level 3 Reversible	25
Belt Drive	26-38
Belt Drive Specifications	39
Direct Drive Specifications	40

## Direct Drive Fan Selection

Three propeller and drive frame combination levels are available with either a L or H type propeller. Models SE1 and SS1 are designed for smaller size applications where lower volumes and static pressures are found. Models SE2, SS2, SCE3 and SCS3 are designed and constructed for applications with higher volumes and static pressures.

Construction Levels	Models			Size Range wheel diameter	Performance
	Exhaust	Supply	Reversible		
<b>Level 1</b> Fabricated aluminum propeller riveted to the hub	SE1	SS1	NA	8 to 24 in. (203 to 610)	Up to 6,700 cfm (11,383) and up to .625 in. wg (156)
<b>Level 2</b> Fully welded and gusseted steel blade and hub design	SE2	SS2	NA	16 to 54 in. (406 to 1372)	Up to 45,000 cfm (76,455) and up to 1 in. wg (249)
<b>Level 3</b> Cast aluminum airfoil blades	SCE3	SCS3	SCR3	24 to 54 in. (610 to 1372)	Up to 45,000 cfm (76,455) and up to 1 in. wg (249)

All measurements given in inches (mm), cfm (m<sup>3</sup>/hr) or in. wg (Pa)



Level 1  
Sizes 8 to 10



Level 1  
Sizes 12 to 24



Level 2



Level 3

## Belt Drive Fan Selection Propeller Types

Three propeller drive frame construction levels with either a L or H type propeller. The application requirements for sound and static pressure determine propeller type. Propellers are available in fabricated steel, fabricated aluminum or cast aluminum.

Construction Levels	Models			Size Range wheel diameter	Performance
	Exhaust	Supply	Reversible		
<b>Level 1</b> Galvanized steel blades riveted to the hub	SBE-1	SBS-1	NA	20 to 54 in. (508 to 1372)	Up to 30,000 cfm (50,970) and up to .625 in. wg (156)
<b>Level 2</b> Dual thickness galvanized steel blades riveted to the hub	SBE-2	SBS-2	NA	20 to 60 in. (508 to 1524)	Up to 53,000 cfm (90,048) and up to .75 in. wg (19)
<b>Level 3</b> Fabricated, fully welded/gusseted steel blade and hub design	SBE-3	SBS-3	NA	24 to 72 in. (610 to 1829)	Up to 87,000 cfm (149,513) and up to 1 in. wg (249)
<b>Level 3</b> Cast aluminum airfoil blades and hub design	SBCE	SBCR	SBCR	24 to 72 in. (610 to 1829)	Up to 87,000 cfm (149,513) and up to 1 in. wg (249)

All measurements given in inches (mm), cfm (m<sup>3</sup>/hr) or in. wg (Pa)



Level 1



Level 2



Level 3  
Fabricated



Level 3  
Cast Aluminum

## Belt Drive Blade Designs



### H Type Propeller:

- Straight, moderately pitched blade.
- Designed for applications where static pressures are above 0.5 in. wg (13 Pa).
- These propellers typically run at higher RPMs and generate slightly higher sound levels than the "L" propellers.



### L Type Propeller:

- Swept, steeply pitched blade design.
- Propellers typically run at lower RPMs and generate low sound levels.
- The best selection for sound critical applications or applications that require the best combination of both air and sound performance.
- Typically used when the static pressure is 0.5 in. wg (13 Pa) or less.



The first consideration in any fan selection is the amount of air to be moved and the resistance to this air movement. With specific performance and application criteria in mind, propeller fan selections typically require decisions based on the following criteria.

## Belt Drive vs. Direct Drive

Belt drive fans offer the ability to adjust fan speed for system balancing if necessary. They also offer more flexibility in speeds and motor selections. In a cost comparison, belt drive fans are typically less costly than comparable size direct drive fans with low speed motors.

Direct drive fans are often preferred for jobs where maintenance access is difficult. Maintenance costs are generally lower with direct drive fans, since there are no belts or bearings to replace and no pulleys to adjust.

## Larger Fans vs. Smaller Fans

In most applications, several fans may meet the specified airflow and pressure requirements. Just as larger fans tend to turn slower and generate less sound, they also tend to have higher initial costs but lower operating costs. Smaller fans, with their higher speeds, have more stable performance curves, lower initial costs, higher sound levels, and higher operating costs.

## Low Sound vs. High Static Pressure

Fans selected for high static pressures run at higher speeds and produce higher tip speeds, resulting in higher sound levels. Conversely, in low pressure applications, fans generally run at lower speed producing lower sound levels and are recommended for sound sensitive applications.

## How Accessories Affect Static Pressure



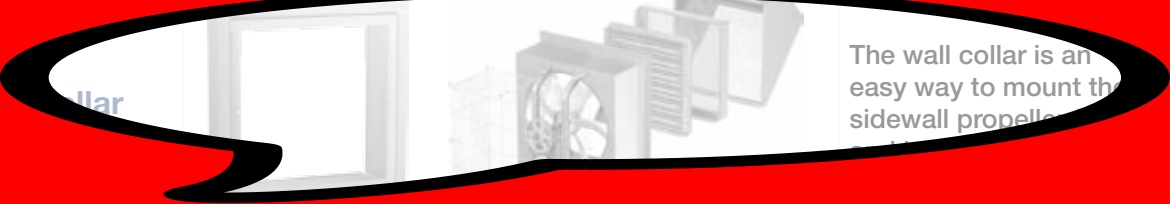


All accessory losses must be accounted for when calculating static pressure load. In most cases dampers, guards and weatherhoods actually add very little to the total system pressure. This means that propeller fans used in conjunction with common accessories can typically be specified with low pressure capabilities below .375 in. wg (93 Pa). However, in cases where airflow velocities exceed 1,500 ft/m (7.6 m/s) through the damper or where filters are used, static pressure loss may be significant. For more specific information on pressure losses due to accessories, refer to pages 8, 9 and 10.

## Motor Service Factor

Motors for sidewall propeller fans are cooled by the airstream. With an uninterrupted flow of cooling air, motors may be operated in their service factor range (up to 20% above the motor's nameplate horsepower) without damage due to overheating. Lesser overloads are recommended for applications using totally enclosed or explosion resistant motors.

Belt drive performance tables in this catalog show two speed selections for each propeller type (L or H) at a given motor hp. The first selection is at 1.0 Bhp service factor. The second speed selection is at 1.2 Bhp service factor. Direct drive performance tables show Bhp levels with service factors ranging up to 1.2 Bhp. When a selection at 1.2 Bhp service factor is not desirable for the application, specify the next higher motor horsepower.

# Mounting Options Overview

	Mounting Option	Description	Page
<p><b>Standard Wall Mounting</b></p>		<p>Fan can be mounted directly to a wall.</p>	<p>6</p>
<p><b>Standard Horizontal Mounting</b></p>		<p>Fan can be horizontally mounted to move air up or down.</p>	<p>6</p>
<div style="display: flex; align-items: center; justify-content: space-between;">  <div style="text-align: right;"> <p>The wall collar is an easy way to mount the sidewall propeller fan.</p> </div> </div>			
<p><b>Wall Housing</b></p>	 <p style="text-align: right; font-size: small;">Optional Accessories</p>	<p>The wall housing is the easiest and most flexible way to mount the sidewall propeller fan and all of its accessories.</p>	<p>7</p>
<p><b>Filtered Supply Wall Housing</b></p>		<p>The filtered supply wall housing is a flexible and easy way for installations where filtering is required.</p>	<p>10</p>

## Standard Wall Mounting

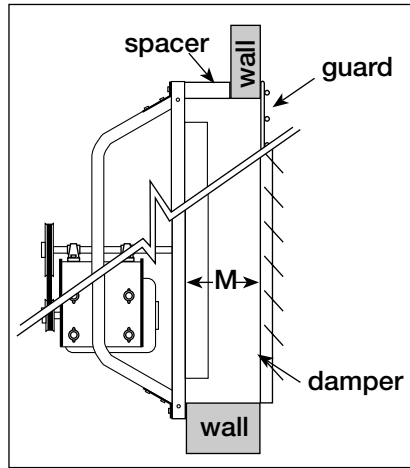
The split drawing (right) illustrates the typical ways of mounting fans directly to the wall when a wall housing or collar is not used.

For exhaust fans, there is a minimum dimension (M) which must be maintained between the propeller and damper, or guard to achieve optimum performance (*failure to meet this minimum dimension will result in loss of fan performance, increased noise and shortened fan and damper life*). There is also a minimum required wall opening dimension (W.O.) to allow the venturi to fit into the wall opening.

The chart at far right provides the minimum "M" and wall opening dimensions.

This installation may require a spacer (by others) between the fan and wall to achieve the minimum "M" dimension.

Fans can be mounted directly to a wall only if the wall is of sufficient thickness to meet the minimum "M" dimension as shown here.



Fan Size	M	Wall Opening
8	6 (152)	10½ (267)
10	6 (152)	12½ (318)
12	7 (178)	14½ (368)
14	8 (203)	16½ (419)
16	9 (229)	18½ (470)
18	10 (254)	20½ (521)
20	12 (305)	22½ (572)
24	13 (330)	26½ (673)
30	13 (330)	32½ (826)
36	14 (356)	38½ (978)
42	15 (381)	44½ (1130)
48	16 (406)	50½ (1283)
54	17 (432)	56½ (1435)
60	19 (483)	62½ (1588)
72	19 (483)	74½ (1892)

All dimensions given in inches (mm).

## Standard Horizontal Mounting

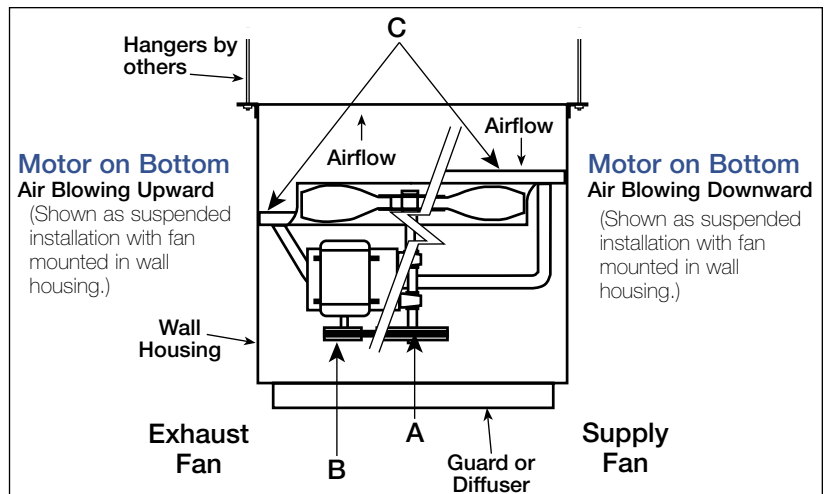
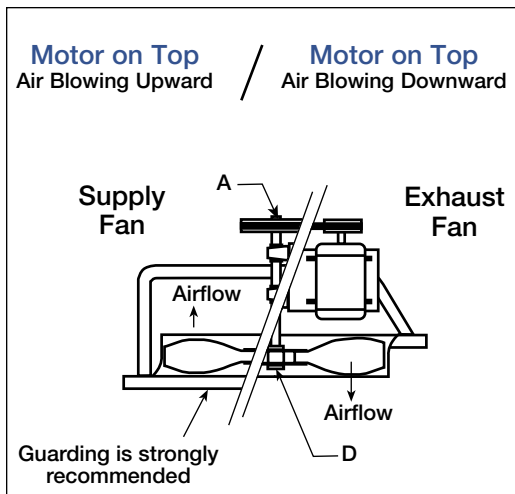
Horizontally mounted fans are available for applications requiring vertical airflow.

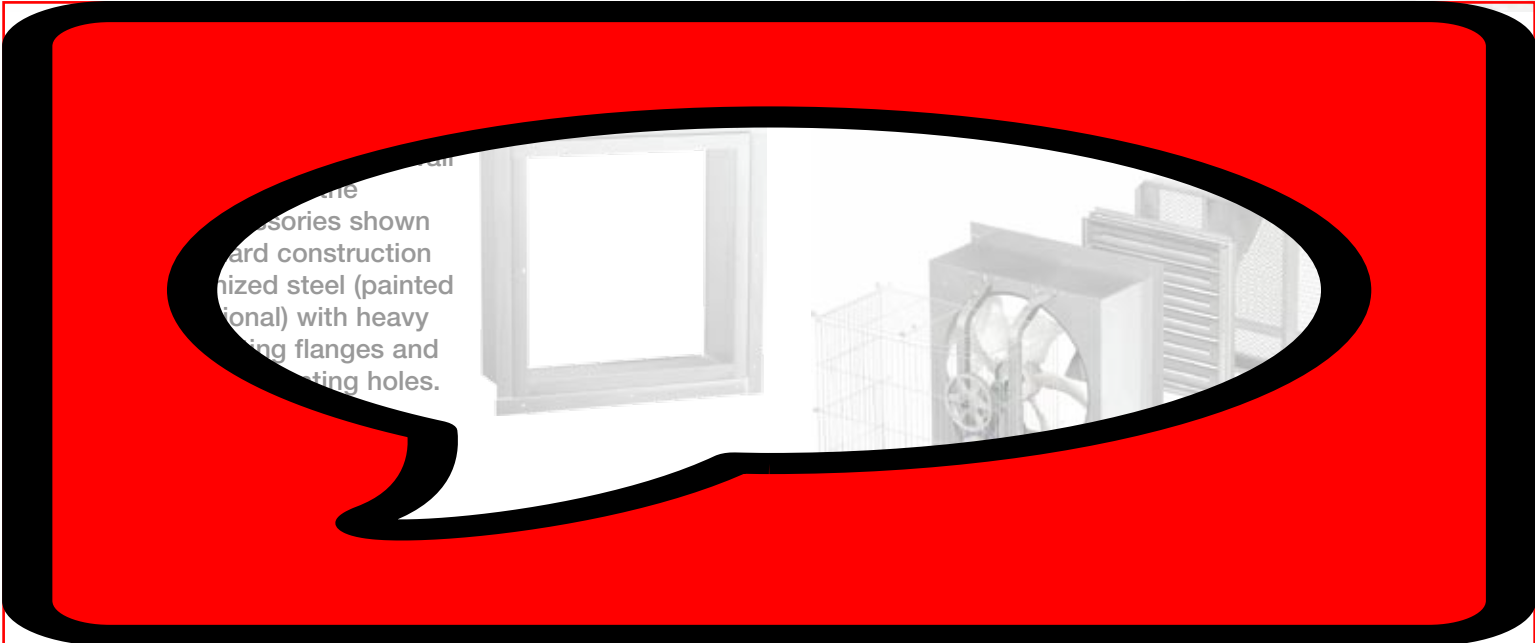
Modifications Shown in Diagrams	
A	Grooved shaft with snap rings (belt drive fans)
B	Motor pulley retaining hardware (belt drive fans with motor on bottom)
C	Reinforcing angles on fan panel (all fans with motor on bottom)
D	Propeller retaining hardware - not shown (direct drive fans with motor on top)

NOTE: Protective guarding is also required below the fan for safety. When guarding is not ordered with the fan, it must be supplied by the installer. When specifying a fan for horizontal mounting, the motor location (top or bottom) and airflow (upward or downward) are required information.

Typical applications include mounting fans in ductwork or plenums as transfer fans or suspending them from the ceiling in a wall housing for use as recirculation fans. Both belt and direct drive fans can be horizontally mounted. Motors can be mounted on top or on bottom with airflow up or down. Specify configuration best suited for access and service.

Horizontally mounted fans are put under different stresses than fans mounted in a wall. Construction modifications are required depending on motor location (top or bottom) and whether the fan is belt or direct drive.





## Wall Housing Mounting

Wall housings are the safest, most efficient and sturdy platform for mounting sidewall propeller fans and their optional accessories. Wall housings allow for a wide range of mounting arrangements to meet specific applications. It is constructed of galvanized steel (painted steel optional) with heavy gauge mounting flanges and prepunched mounting holes. Protective guards of welded steel wire completely protect the drive side of the wall housing. Guards are coated with Permator™, a thermal setting polyester urethane. Other paint finishes are also available. Wall housing guards that meet the OSHA requirements are also available.



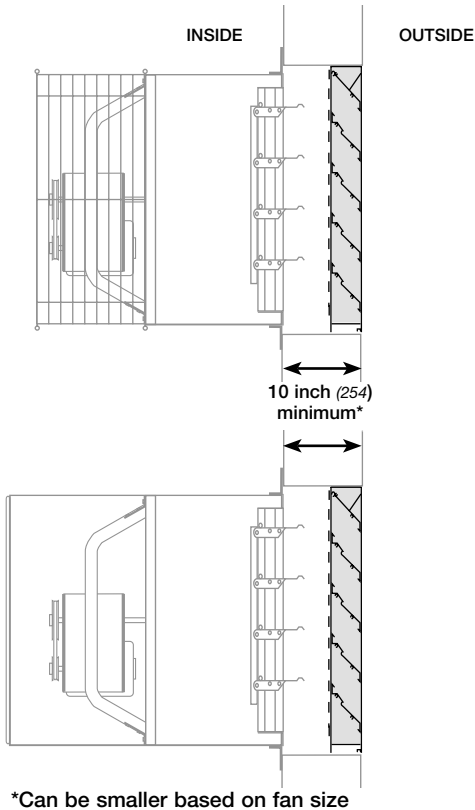
The wall housing is designed to reduce installation time and provide maximum installation flexibility. Attached accessories such as backdraft dampers, guards and weatherhoods may mount to either end. As a result a wide variety of configurations are available to accommodate the needs of the system designer.

**NOTE:** Weatherhoods are strongly recommended for all configurations to help prevent moisture infiltration. Mounting flange, damper and guard ship factory mounted on all arrangements as shown except when ordered as a kit.



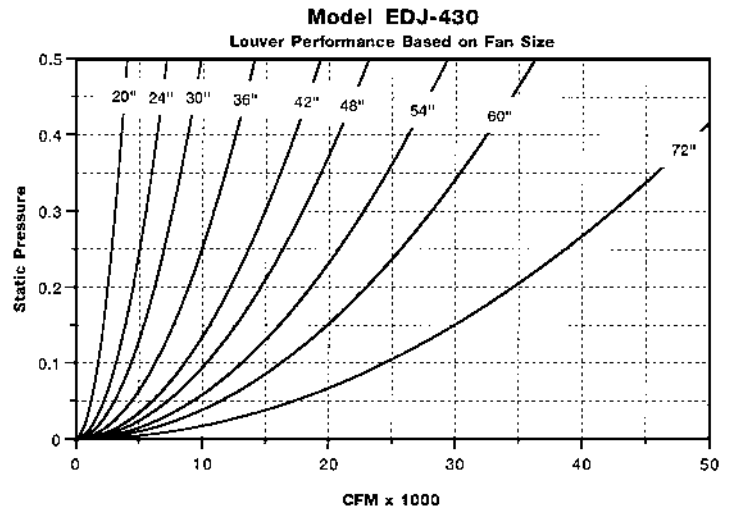
Note: Wall housing, fan, damper and guards ship completely factory assembled except when ordered as a kit. Weatherhood ships loose.

## Louver Mounting



Where an exterior louvered appearance is desired, a variety of louvers can be used in conjunction with the wall housing or wall collar as shown. However, since louver free area is less than half of the wall opening, pressure drop across the louver must be considered when specifying the fan. The graph below shows louver pressure drop for Greenheck model EDJ-430 based on cfm and fan size.

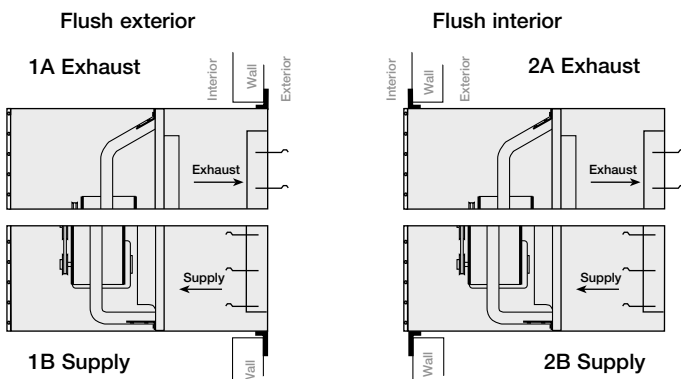
For additional louver information visit [www.greenheck.com](http://www.greenheck.com) or refer to the catalog Louver Products: Severe Duty, Stationary, Operable.



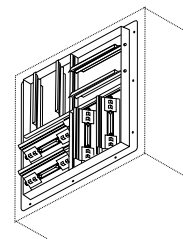
## Mounting Arrangements for Interior Service Applications

The arrangements shown below are the most commonly used and should be considered first for most applications. The choice of flush interior or exterior mounting are based on appearance or space considerations.

Belts, pulleys and motors are serviced from inside the building with these arrangements. See reverse mounting arrangements on page 9 for applications requiring service from outside the building.



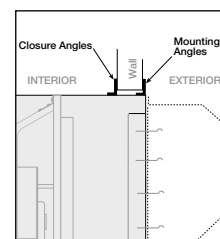
Note: To determine the correct arrangement required when ordering—specify arrangement by the drawing number 1A, 2A, 1B or 2B as shown in the diagrams.



### Diffusers Wall Housing Mounted - Manual Operator

Diffusers are constructed with heavy gauge galvanized steel frames, blades and prepunched mounting flanges. They are designed to mount to the interior end of the wall housing when used in the supply configuration. Manual quadrants set the angle of the blades to deflect air in 1, 2 or 4 directions.

They are designed to mount to the interior end of the wall housing when used in the supply configuration. Manual quadrants set the angle of the blades to deflect air in 1, 2 or 4 directions.



### Closure Angles

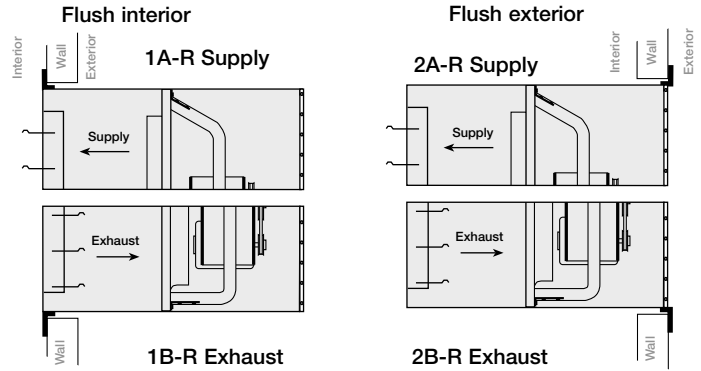
An extra set of mounting flanges are available for field installation to close off the interior wall opening for a finished appearance.

## Arrangements for Exterior Service Applications

### Reverse Mount

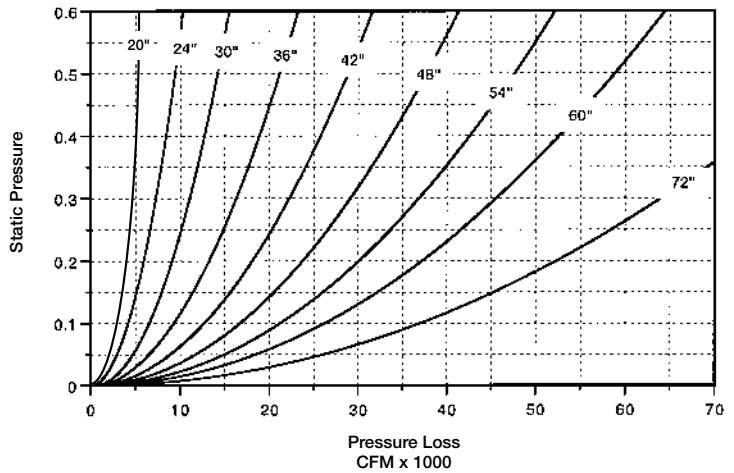
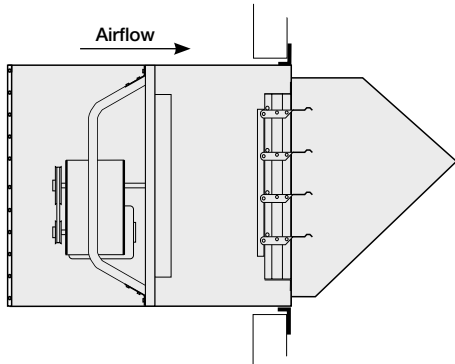
Reverse mounting a wall housing simply involves installing the wall housing through the wall opening in the opposite direction of the configurations shown. This results in an opposite effect on fan function. An exhaust fan in a wall housing will function as a supply fan when the housing is reverse mounted.

Example: When the exhaust arrangement shown as 1A is reversed (shown as 1A-R) the same unit now becomes a supply arrangement. The construction, fan position and mounting angle location in both configurations remain identical.

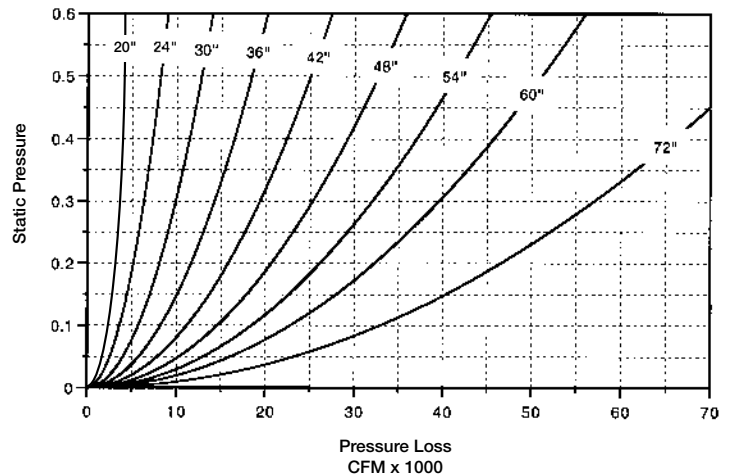
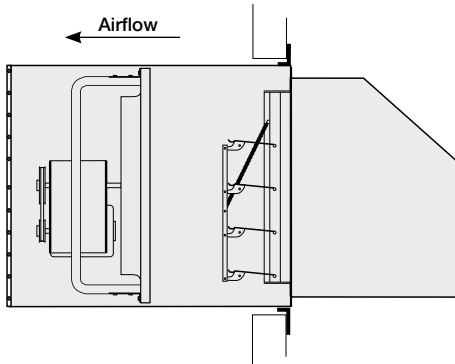


Note: To determine the correct arrangement required when ordering—specify arrangement by the drawing number 1A, 2A, 1B or 2B as shown in the diagrams.

### EXHAUST FAN in Wall Housing with Gravity Damper and Weatherhood



### SUPPLY FAN in Wall Housing with Gravity Damper and Weatherhood



## Filtered Supply Wall Housing Mounting

Filtered supply wall housings are available in seven sizes for fans ranging from size 24 to 54 inches (610 to 1372 mm). They are designed with the draw-thru concept to achieve the highest filter and fan efficiencies.

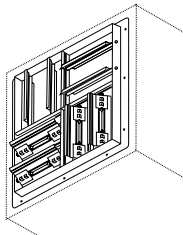
Standard construction is galvanized steel (painted steel optional). Mounting flanges are factory installed for either flush exterior or flush interior. Permanent 2-inch (51 mm) washable filters are accessed through a bolted panel and can be easily removed for cleaning.

All accessory items available with the standard wall housing can be used with the filtered supply wall housing.



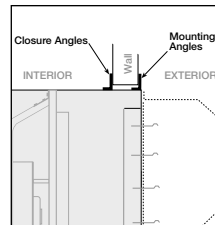
Size	Filter Size & Quantity
24	(4) 23¼ (591) x 16¼ (413)
30	(4) 24¾ (625) x 19¼ (489)
36	(6) 23¼ (591) x 22½ (562)
42	(6) 24½ (613) x 25½ (638)
48	(12) 23¼ (591) x 18¾ (476)
54	(12) 23¼ (591) x 20¾ (527)

Filters are 2 inch (51 mm) nominal thickness. Above filter sizes are actual dimensions. All dimensions given in inches (mm).



### Diffusers - Wall Housing Mounted - Manual Operator

Diffusers are constructed with heavy-gauge galvanized steel frames, blades and prepunched mounting flanges. They are designed to mount to the interior end of the wall housing when used in the supply configuration. Manual quadrants set the angle of the blades to deflect air in 1, 2 or 4 directions.



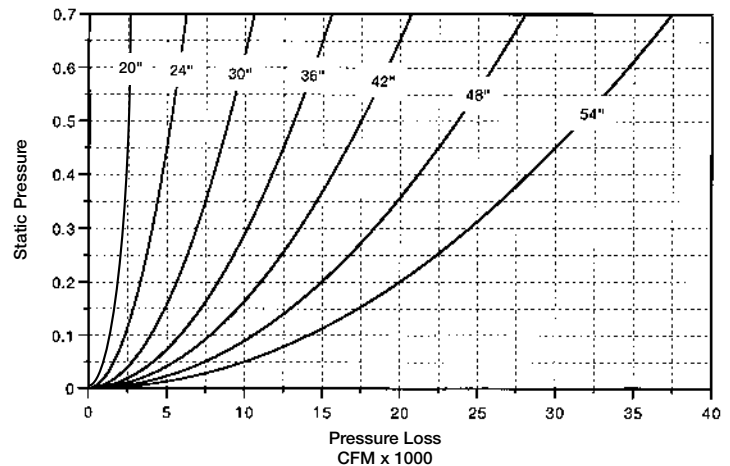
### Closure Angles

An extra set of mounting flanges are available for field installation to close off the interior wall opening for a finished appearance.

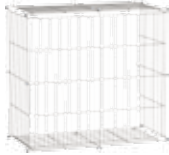




## FILTERED SUPPLY FAN in Wall Housing with Filter Bank, Gravity Damper and Weatherhood



Note: This chart is for manual calculations only. CAPS has filter losses built into the selection tool when the filtered housing option is selected.



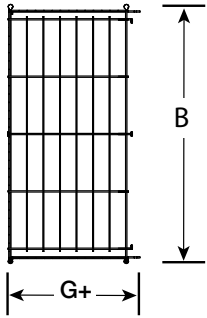
# Options & Accessories for Mounting Options

Option or Accessory	Page Number	Mounting Option				
		Standard Wall Mounting	Standard Horizontal Mounting	Wall Collar	Wall Housing	Filtered Supply Wall Housing
<p><b>Motor Side Guard</b> Protective guards of welded steel wire completely enclose the motor and drive side of the fan. Guards are coated with Permator, a thermal setting polyester urethane. Other paint finishes are also available. Sizes 20 and larger only.</p> 	p. 6	✓		✓		
<p><b>OSHA Motor Side Guard</b> Protective guards of expanded metal screen in structural steel frames are available to completely enclose the motor and drive side of the fan.</p> 	p. 6	✓		✓		
<p><b>Weatherhood</b> Weatherhoods shield wall openings and dampers from rain and snow. Weatherhoods are shipped unassembled in kit form for field assembly. Construction is of galvanized steel with wire mesh birdscreen. Mounting flanges have prepunched mounting holes. 45° turn down is for exhaust and 90° turn down is for exhaust and supply. Options include aluminum construction, insect screen and painted finish. The weatherhood cannot be used with the damper guard option.</p> 	p. 7	✓		✓	✓	✓
<p><b>Damper Guard</b> Damper guards meet the OSHA requirements completely enclose the damper or wall openings on the discharge side of the fan. They are constructed of expanded galvanized steel screen in galvanized steel frames. Mounting flanges have prepunched mounting holes. Options include aluminum construction and painted finish. The damper guard cannot be used with the weatherhood option.</p> 	p. 7	✓		✓	✓	✓
<p><b>Dampers</b> Used alone or in conjunction with the wall housing or wall collar, a complete line of dampers are available for exhaust or supply configurations.</p> 	p. 10	✓		✓	✓	✓

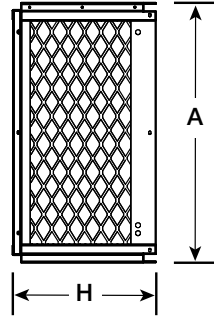


# Dimensions for Sidewall Propeller Options and Accessories

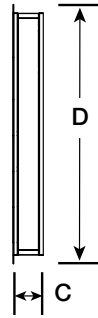
Motor Side Guard



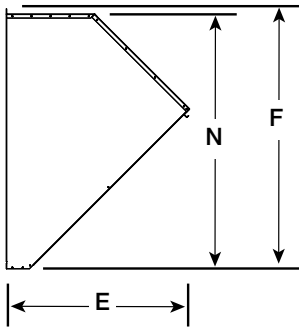
OSHA Side Guard



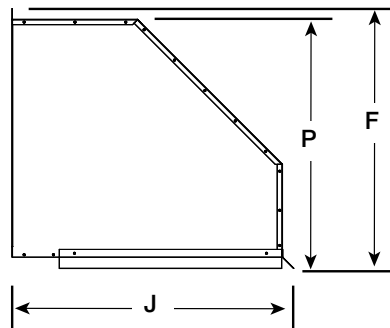
Damper Guard



45° Weatherhood



90° Weatherhood

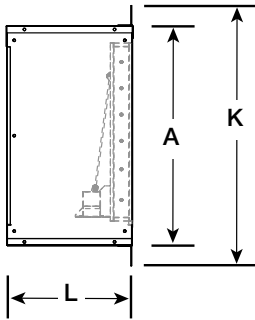


	Weatherhood F Dimension	
	45°	90°
8	12 (305)	12 <sup>3</sup> / <sub>4</sub> (324)
10	14 <sup>1</sup> / <sub>4</sub> (362)	14 <sup>7</sup> / <sub>8</sub> (378)
12	16 <sup>7</sup> / <sub>8</sub> (429)	17 <sup>1</sup> / <sub>2</sub> (444)
14	18 <sup>7</sup> / <sub>8</sub> (479)	19 <sup>1</sup> / <sub>2</sub> (495)
16	20 <sup>7</sup> / <sub>8</sub> (530)	21 <sup>1</sup> / <sub>2</sub> (546)
18	22 <sup>7</sup> / <sub>8</sub> (581)	23 <sup>1</sup> / <sub>2</sub> (597)
20	24 <sup>7</sup> / <sub>8</sub> (632)	25 <sup>5</sup> / <sub>8</sub> (651)
24	31 <sup>3</sup> / <sub>4</sub> (806)	33 <sup>3</sup> / <sub>4</sub> (841)
30	37 <sup>5</sup> / <sub>8</sub> (962)	39 <sup>1</sup> / <sub>4</sub> (997)
36	43 <sup>7</sup> / <sub>8</sub> (1114)	45 <sup>1</sup> / <sub>4</sub> (1149)
42	49 <sup>7</sup> / <sub>8</sub> (1267)	51 <sup>1</sup> / <sub>4</sub> (1302)
48	56 (1422)	57 <sup>5</sup> / <sub>8</sub> (1457)
54	62 <sup>1</sup> / <sub>4</sub> (1581)	63 <sup>5</sup> / <sub>8</sub> (1616)
60	68 <sup>3</sup> / <sub>8</sub> (1737)	69 <sup>3</sup> / <sub>4</sub> (1772)
72	80 <sup>3</sup> / <sub>4</sub> (2051)	82 <sup>1</sup> / <sub>8</sub> (2086)

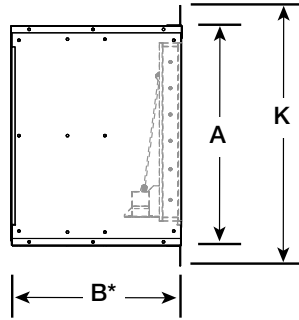
Size	Motor Side Guard		OSHA Side Guard		Damper Guard		Damper	Weatherhood					Material Gauge (ga) Thickness
	B	G+	A	H	C	D		E	J	N	P	Width	
8	—	—	13 <sup>1</sup> / <sub>8</sub> (305)	9 <sup>5</sup> / <sub>8</sub> (305)	5 <sup>1</sup> / <sub>2</sub> (140)	10 <sup>1</sup> / <sub>4</sub> (260)	10 (254)	13 <sup>1</sup> / <sub>4</sub> (337)	16 <sup>3</sup> / <sub>8</sub> (305)	11 <sup>1</sup> / <sub>4</sub> (305)	12 (305)	10 <sup>1</sup> / <sub>2</sub> (267)	20
10	—	—	15 <sup>1</sup> / <sub>4</sub> (305)	10 (305)	6 <sup>1</sup> / <sub>2</sub> (165)	12 <sup>1</sup> / <sub>4</sub> (311)	12 (305)	14 <sup>7</sup> / <sub>8</sub> (378)	18 <sup>1</sup> / <sub>2</sub> (305)	13 <sup>3</sup> / <sub>8</sub> (305)	14 (305)	12 <sup>1</sup> / <sub>2</sub> (318)	20
12	—	—	16 <sup>3</sup> / <sub>8</sub> (305)	12 (305)	5 <sup>5</sup> / <sub>8</sub> (137)	14 <sup>1</sup> / <sub>4</sub> (362)	14 (256)	16 <sup>3</sup> / <sub>8</sub> (416)	20 <sup>3</sup> / <sub>8</sub> (305)	15 <sup>5</sup> / <sub>8</sub> (305)	16 <sup>3</sup> / <sub>8</sub> (305)	14 <sup>1</sup> / <sub>2</sub> (368)	20
14	—	—	20 (305)	12 (305)	6 <sup>3</sup> / <sub>8</sub> (162)	16 <sup>1</sup> / <sub>4</sub> (413)	16 (406)	17 <sup>1</sup> / <sub>2</sub> (445)	22 <sup>1</sup> / <sub>2</sub> (305)	17 <sup>5</sup> / <sub>8</sub> (305)	18 <sup>3</sup> / <sub>8</sub> (305)	16 <sup>1</sup> / <sub>2</sub> (419)	20
16	—	—	22 (305)	12 (305)	6 <sup>3</sup> / <sub>4</sub> (171)	18 <sup>1</sup> / <sub>4</sub> (464)	18 (457)	19 <sup>5</sup> / <sub>8</sub> (492)	25 (305)	19 <sup>5</sup> / <sub>8</sub> (305)	20 <sup>3</sup> / <sub>8</sub> (305)	18 <sup>1</sup> / <sub>2</sub> (470)	20
18	—	—	24 <sup>1</sup> / <sub>8</sub> (305)	12 (305)	6 (152)	20 <sup>1</sup> / <sub>4</sub> (514)	20 (508)	22 (559)	27 <sup>1</sup> / <sub>2</sub> (305)	21 <sup>5</sup> / <sub>8</sub> (305)	22 <sup>3</sup> / <sub>8</sub> (305)	20 <sup>1</sup> / <sub>2</sub> (521)	20
20	28 (305)	17 <sup>3</sup> / <sub>8</sub> (305)	25 <sup>7</sup> / <sub>8</sub> (305)	17 <sup>3</sup> / <sub>4</sub> (305)	6 <sup>1</sup> / <sub>2</sub> (165)	22 <sup>1</sup> / <sub>4</sub> (565)	22 (559)	24 <sup>3</sup> / <sub>4</sub> (629)	29 <sup>3</sup> / <sub>4</sub> (305)	23 <sup>5</sup> / <sub>8</sub> (305)	24 <sup>3</sup> / <sub>8</sub> (305)	22 <sup>1</sup> / <sub>2</sub> (572)	18
24	34 (305)	19 <sup>1</sup> / <sub>2</sub> (305)	31 <sup>7</sup> / <sub>8</sub> (305)	20 (305)	6 <sup>3</sup> / <sub>8</sub> (162)	26 <sup>1</sup> / <sub>4</sub> (667)	26 (660)	26 <sup>7</sup> / <sub>8</sub> (683)	36 (305)	30 <sup>3</sup> / <sub>8</sub> (305)	31 <sup>3</sup> / <sub>4</sub> (305)	29 <sup>1</sup> / <sub>8</sub> (740)	18
30	40 (305)	22 <sup>1</sup> / <sub>2</sub> (305)	37 <sup>5</sup> / <sub>8</sub> (305)	21 <sup>3</sup> / <sub>4</sub> (305)	6 <sup>1</sup> / <sub>2</sub> (165)	32 <sup>1</sup> / <sub>4</sub> (819)	32 (813)	29 <sup>5</sup> / <sub>8</sub> (740)	40 <sup>5</sup> / <sub>8</sub> (305)	36 <sup>1</sup> / <sub>2</sub> (305)	37 <sup>5</sup> / <sub>8</sub> (305)	35 <sup>5</sup> / <sub>8</sub> (892)	18
36	46 <sup>1</sup> / <sub>8</sub> (305)	23 <sup>7</sup> / <sub>8</sub> (305)	43 <sup>7</sup> / <sub>8</sub> (305)	24 <sup>1</sup> / <sub>4</sub> (305)	6 <sup>3</sup> / <sub>4</sub> (171)	38 <sup>1</sup> / <sub>4</sub> (972)	38 (965)	33 (838)	45 <sup>1</sup> / <sub>2</sub> (305)	42 <sup>1</sup> / <sub>2</sub> (305)	43 <sup>3</sup> / <sub>8</sub> (305)	41 <sup>1</sup> / <sub>8</sub> (1045)	18
42	53 <sup>1</sup> / <sub>8</sub> (305)	25 <sup>5</sup> / <sub>8</sub> (305)	49 <sup>7</sup> / <sub>8</sub> (305)	28 <sup>1</sup> / <sub>2</sub> (305)	10 (254)	44 <sup>1</sup> / <sub>4</sub> (1124)	44 (1118)	35 <sup>3</sup> / <sub>4</sub> (908)	49 <sup>1</sup> / <sub>4</sub> (305)	48 <sup>1</sup> / <sub>2</sub> (305)	49 <sup>5</sup> / <sub>8</sub> (305)	47 <sup>5</sup> / <sub>8</sub> (1197)	18
48	59 <sup>1</sup> / <sub>8</sub> (305)	28 <sup>3</sup> / <sub>8</sub> (305)	55 <sup>5</sup> / <sub>8</sub> (305)	28 <sup>1</sup> / <sub>4</sub> (305)	9 (229)	50 <sup>1</sup> / <sub>4</sub> (1276)	50 (1270)	40 <sup>3</sup> / <sub>8</sub> (1026)	55 <sup>1</sup> / <sub>2</sub> (305)	54 <sup>3</sup> / <sub>8</sub> (305)	56 (305)	53 <sup>3</sup> / <sub>4</sub> (1353)	18
54	—	—	61 <sup>7</sup> / <sub>8</sub> (305)	34 <sup>1</sup> / <sub>4</sub> (305)	7 <sup>1</sup> / <sub>2</sub> (191)	56 <sup>1</sup> / <sub>4</sub> (1429)	56 (1422)	44 <sup>3</sup> / <sub>4</sub> (1137)	61 <sup>1</sup> / <sub>4</sub> (305)	60 <sup>3</sup> / <sub>8</sub> (305)	62 <sup>1</sup> / <sub>4</sub> (305)	59 <sup>1</sup> / <sub>2</sub> (1511)	16
60	—	—	67 <sup>7</sup> / <sub>8</sub> (305)	34 <sup>1</sup> / <sub>4</sub> (305)	7 <sup>1</sup> / <sub>4</sub> (184)	62 <sup>1</sup> / <sub>4</sub> (1581)	62 (1575)	48 <sup>3</sup> / <sub>8</sub> (1229)	66 <sup>1</sup> / <sub>2</sub> (305)	67 (305)	68 <sup>3</sup> / <sub>8</sub> (305)	65 <sup>5</sup> / <sub>8</sub> (1667)	16
72	—	—	81 <sup>7</sup> / <sub>8</sub> (305)	34 <sup>1</sup> / <sub>4</sub> (305)	7 <sup>1</sup> / <sub>2</sub> (191)	74 <sup>1</sup> / <sub>4</sub> (1886)	74 (1880)	53 <sup>1</sup> / <sub>4</sub> (1353)	72 <sup>5</sup> / <sub>8</sub> (305)	79 <sup>1</sup> / <sub>2</sub> (305)	80 <sup>3</sup> / <sub>8</sub> (305)	78 <sup>3</sup> / <sub>8</sub> (1984)	12

# Dimensions for Sidewall Propeller Options and Accessories

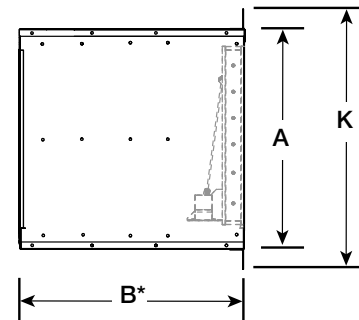
Wall Collar



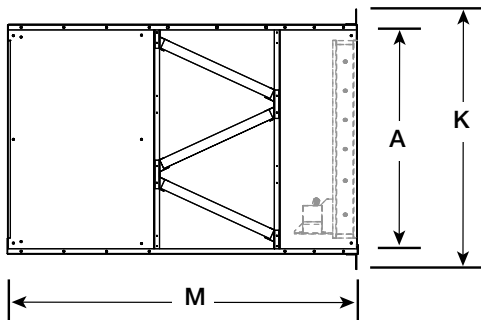
Short Wall Housing



Long Wall Housing



Filtered Wall Housing



\* B - Short Wall Housing: B dimension will increase by 6 inches (152 mm) when a long wall housing is selected or a motorized backdraft damper is specified. For complete dimensional information refer to submittal. All dimensions given in inches (mm).

Size	Wall Collar and Housings					W.O.	Material Gauge (ga) Thickness
	A	B*	K	L	M		
8	13 <sup>1</sup> / <sub>4</sub> (337)	19 (483)	16 <sup>1</sup> / <sub>4</sub> (413)	16 <sup>1</sup> / <sub>8</sub> (410)	—	14 <sup>1</sup> / <sub>4</sub> (362)	20
10	15 <sup>1</sup> / <sub>4</sub> (387)	19 (483)	18 <sup>1</sup> / <sub>4</sub> (464)	16 <sup>1</sup> / <sub>8</sub> (410)	—	16 <sup>1</sup> / <sub>4</sub> (413)	20
12	17 <sup>1</sup> / <sub>4</sub> (441)	21 (533)	19 <sup>1</sup> / <sub>4</sub> (491)	16 <sup>1</sup> / <sub>8</sub> (410)	—	18 (457)	20
14	20 <sup>1</sup> / <sub>4</sub> (514)	26 (660)	23 <sup>1</sup> / <sub>4</sub> (591)	18 <sup>3</sup> / <sub>8</sub> (467)	—	21 <sup>1</sup> / <sub>4</sub> (540)	20
16	22 <sup>1</sup> / <sub>4</sub> (565)	27 (686)	25 <sup>1</sup> / <sub>4</sub> (641)	18 <sup>3</sup> / <sub>8</sub> (467)	—	23 <sup>1</sup> / <sub>4</sub> (591)	20
18	24 <sup>1</sup> / <sub>4</sub> (616)	28 (711)	27 <sup>1</sup> / <sub>4</sub> (692)	18 <sup>3</sup> / <sub>8</sub> (467)	—	25 <sup>1</sup> / <sub>4</sub> (641)	20
20	26 <sup>1</sup> / <sub>4</sub> (667)	32 (813)	29 <sup>1</sup> / <sub>4</sub> (743)	18 <sup>3</sup> / <sub>8</sub> (467)	—	27 <sup>1</sup> / <sub>4</sub> (692)	18
24	32 <sup>1</sup> / <sub>4</sub> (819)	37 (940)	38 <sup>1</sup> / <sub>4</sub> (972)	18 <sup>3</sup> / <sub>8</sub> (467)	63 (1600)	33 <sup>3</sup> / <sub>4</sub> (857)	18
30	38 <sup>1</sup> / <sub>4</sub> (972)	38 (965)	44 <sup>1</sup> / <sub>4</sub> (1124)	18 <sup>3</sup> / <sub>8</sub> (467)	65 (1651)	39 <sup>3</sup> / <sub>4</sub> (1010)	18
36	44 <sup>1</sup> / <sub>4</sub> (1124)	39 (991)	50 <sup>1</sup> / <sub>4</sub> (1276)	18 <sup>3</sup> / <sub>8</sub> (476)	67 <sup>1</sup> / <sub>4</sub> (1708)	45 <sup>3</sup> / <sub>4</sub> (1162)	18
42	50 <sup>3</sup> / <sub>8</sub> (1280)	44 (1118)	56 <sup>3</sup> / <sub>8</sub> (1432)	18 <sup>3</sup> / <sub>4</sub> (476)	72 <sup>7</sup> / <sub>8</sub> (467)	51 <sup>3</sup> / <sub>4</sub> (1314)	18
48	56 <sup>3</sup> / <sub>8</sub> (1432)	44 (1118)	62 <sup>3</sup> / <sub>8</sub> (1584)	18 <sup>3</sup> / <sub>8</sub> (479)	72 <sup>7</sup> / <sub>8</sub> (1851)	57 <sup>3</sup> / <sub>4</sub> (1467)	18
54	62 <sup>3</sup> / <sub>8</sub> (1584)	52 (1321)	68 <sup>3</sup> / <sub>8</sub> (1737)	20 <sup>1</sup> / <sub>8</sub> (511)	79 <sup>11</sup> / <sub>16</sub> (2024)	63 <sup>3</sup> / <sub>4</sub> (1619)	16
60	68 <sup>3</sup> / <sub>8</sub> (1737)	54 (1372)	74 <sup>3</sup> / <sub>8</sub> (1889)	21 (533)	—	69 <sup>3</sup> / <sub>4</sub> (1172)	16
72	83 <sup>1</sup> / <sub>8</sub> (2111)	60 (1524)	89 <sup>1</sup> / <sub>8</sub> (2264)	22 (559)	—	84 <sup>3</sup> / <sub>4</sub> (2153)	12

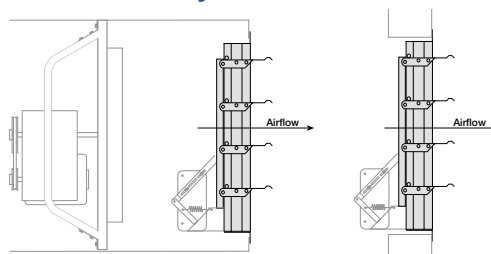
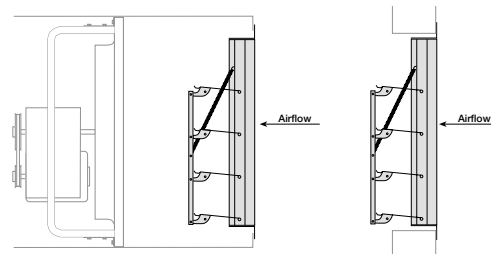
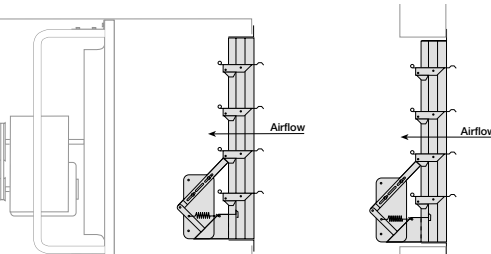
All dimensions given in inches (mm).

# Dampers Backdraft

Used alone or in conjunction with the wall housing or wall collar, backdraft dampers are available for exhaust or supply configurations. Backdraft dampers are constructed with galvanized frames, aluminum blades and vinyl blade seals. Actuators are available in 24, 120, 208, 230 or 460 volts. Actuators for 50 cycle voltages are also available.



WD-300

Damper Type	Description	Flush Exterior	Flush Interior
<p><b>Exhaust - Gravity or Motorized<sup>1</sup></b></p>  <p>Wall Housing Installation      Wall Installation</p>	<p>WD-320 and WD-300 exhaust dampers are available as either gravity operated or motorized</p> <p>Model WD-320 shown</p>	<p>Exhaust backdraft dampers are model WD-320, which has the prepunched mounting flange located on the outlet end of the damper for a flush exterior appearance.</p>	<p>For applications where the mounting flange is required on the inlet end of the damper (so that the damper projects to the exterior), the model WD-300 is available.</p>
<p><b>Supply - Gravity<sup>2</sup></b></p>  <p>Wall Housing Installation      Wall Installation</p>	<ul style="list-style-type: none"> <li>• WD-430 and WD-420 intake dampers are only available as gravity operated</li> <li>• Galvanized steel frame and aluminum blades</li> </ul> <p>Model WD-430 shown</p>	<ul style="list-style-type: none"> <li>• Model WD-430 has a prepunched mounting flange located on the inlet end of the damper for a flush exterior appearance</li> <li>• Flange on intake</li> </ul>	<ul style="list-style-type: none"> <li>• Model WD-420 is for applications where a prepunched mounting flange is required on the outlet end of damper (so the damper projects to the exterior)</li> <li>• Flange on discharge</li> </ul>
<p><b>Supply - Motorized<sup>3</sup></b></p>  <p>Wall Housing Installation      Wall Installation</p>	<ul style="list-style-type: none"> <li>• WD-220 and WD-210 intake dampers are only available as motorized</li> <li>• Galvanized steel frame and aluminum blades</li> </ul> <p>Model WD-220 shown</p>	<ul style="list-style-type: none"> <li>• Model WD-220 has a prepunched mounting flange located on the inlet end of the damper for a flush exterior appearance</li> <li>• Flange located opposite of motor side of the damper</li> </ul>	<ul style="list-style-type: none"> <li>• Model WD-210 is for applications where a mounting flange is required on the outlet end of the damper (so that the damper projects to the exterior)</li> <li>• Flange located on motor side of the damper</li> </ul>

<sup>1</sup> Model WD-320 and WD-300 are used with fans where the motor is 5 hp or less. For fans with motors larger than 5 hp, the model GM-31 medium duty gravity backdraft damper or the model VCD heavy duty motorized backdraft dampers are required.

<sup>2</sup> Model WD-430 and WD-420 are used with fans where the motor is 5 hp or less. For fans with motors larger than 5 hp, the model VCD heavy duty motorized backdraft dampers are required.

<sup>3</sup> Model WD-220 and WD-210 are used with fans where the motor is 3 hp or less. For fans with motors larger than 3 hp, the model VCD heavy duty motorized backdraft damper is required.

Note: Wall housing length increases by 6 inches (152 mm) when a heavy duty backdraft damper is specified.

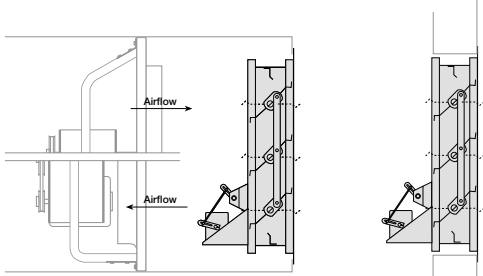
# Dampers

## Volume Control/Heavy Duty

Volume control dampers are available for exhaust or supply configurations and may be used alone or in conjunction with the wall housing or wall collar. Constructed with heavy galvanized steel frames and blades, model VCD dampers are designed to handle higher air volumes than the standard backdraft damper. Dampers are available in standard leakage (VCD-20), low leakage (VCD-23) and insulated low leakage (VCD-34) configurations. Actuators are available in 24, 120, 208, 230 or 460 volts. Actuators for 50 cycle voltages are also available.

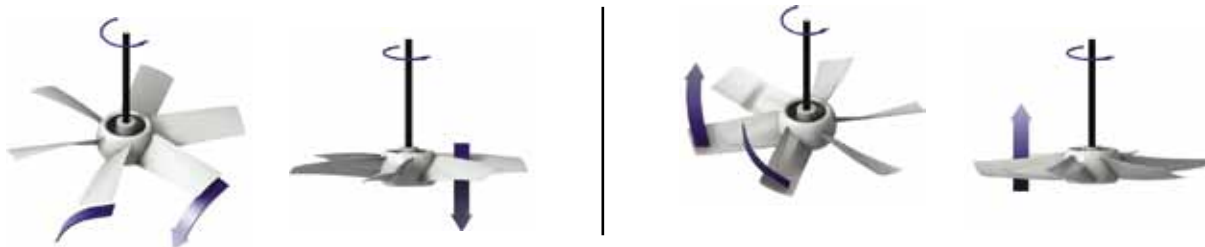


VCD-20

Damper Type	Description	Flush Exterior	Flush Interior
<p><b>Exhaust or Supply - Motorized</b></p>  <p>Wall Housing Installation</p> <p>Wall Installation</p>	<p><b>Model VCD-20 - Standard leakage</b></p> <p><b>Model VCD-23 - Low leakage</b> – This damper has blade and jamb seals for minimal leakage when closed.</p> <p><b>Model VCD-34 - Insulated low leakage</b> – This damper has blade and jamb seals for minimal leakage when closed. Blades are constructed with 1/2 in. (13 mm) polystyrene insulation between two galvanized steel skins.</p>	<p>The VCD damper has the parallel blade set-up and a prepunched mounting flange that provides a flush exterior appearance.</p>	<p>N/A</p>

## Propeller Fan Rotation Guide

Propeller blade should cup and throw the air when rotating in the correct rotation as shown below.



## Electrical Accessories

### Disconnect Switches

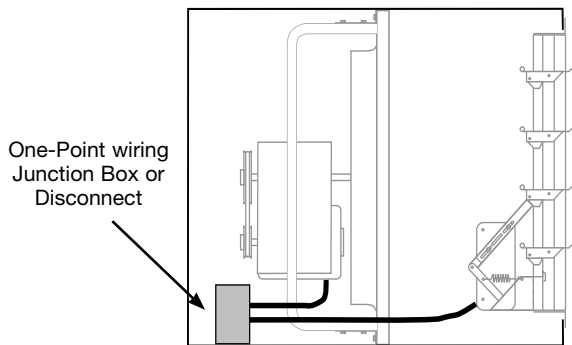
Toggle type and heavy duty disconnect switches are available for positive electrical shut-off and safety in servicing fans. The following switches are available to meet individual electrical requirements and can be factory mounted or shipped loose for field mounting. Wiring from the motor to the disconnect box is provided with factory mounted disconnect switches.

- NEMA-1 - General purpose
- NEMA-3R - Rainproof
- NEMA-4 - Watertight
- NEMA-3R & NEMA-4 - Heavy Duty
- NEMA-7 & 9 - for Class 1 and Class 2 hazardous locations.



### One-Point Wiring

Available when the following items are selected: Common voltages on the motor and the actuator, disconnect mounted and wired and a wall housing. The wires are pulled from the motor and the actuator on the damper to the disconnect box. (Hard wiring of the components to the disconnect switch is by others.)



Exception: When a specific voltage is not available on the actuator, Greenheck will provide a hard wired transformer to the actuator. Greenheck will then pull the wires from the transformer to the disconnect box.

### UL/cUL 705

All belt and selected direct drive fans with TE standard efficiency, single-speed motors are available with the UL705 listing for electrical.

### Extended Wiring Pigtail

Available only in conjunction with factory mounted disconnect switches, liquid tight wiring pigtails allow direct hook-up to the power supply which eliminates field wiring at the fan. Internal or external power supply can be specified.

### End Switches

Factory mounted end switches allow the damper to open completely before the fan is energized. This will reduce the back pressure and brake horsepower load on the fan motor at startup. (Field supplied motor starter with a relay is required to complete the wiring on a system using an end switch.)

## Finish Options

### Coatings

A variety of special coatings ranging from enamels to phenolics are available for decorative or protective purposes. When a special coating is selected for the fan, all accompanying accessory items are also coated unless so specified. Consult your local representative for more details.

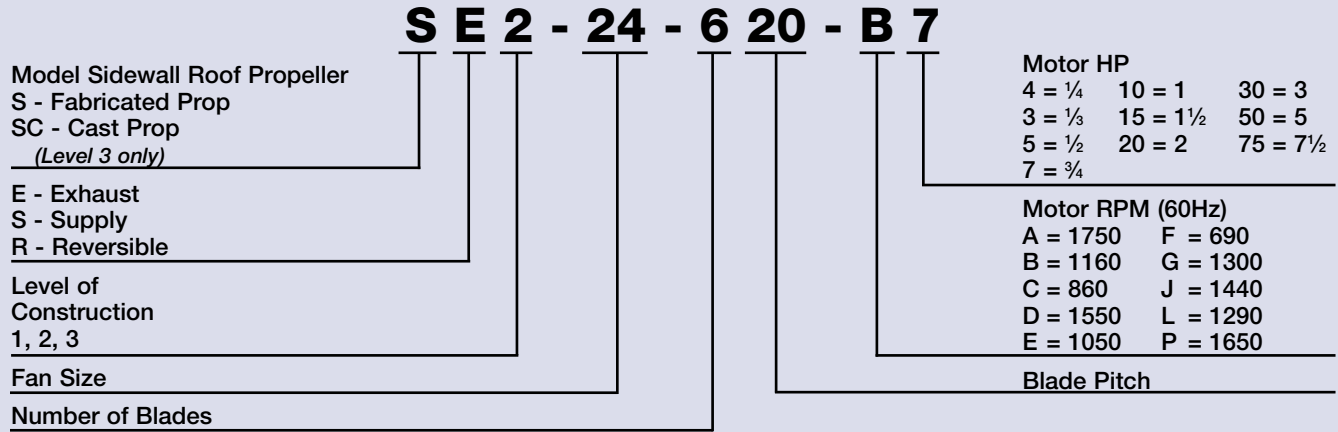
### Welded and Painted Fan Construction

For applications where extra heavy construction is required, welded steel construction is available. With this option, all stationary connections which are normally bolted are welded and coated with an industrial grade paint. This option applies to belt drive level 3 fans and direct drive level 2 and 3 fans only.

## Direct Drive Number Code

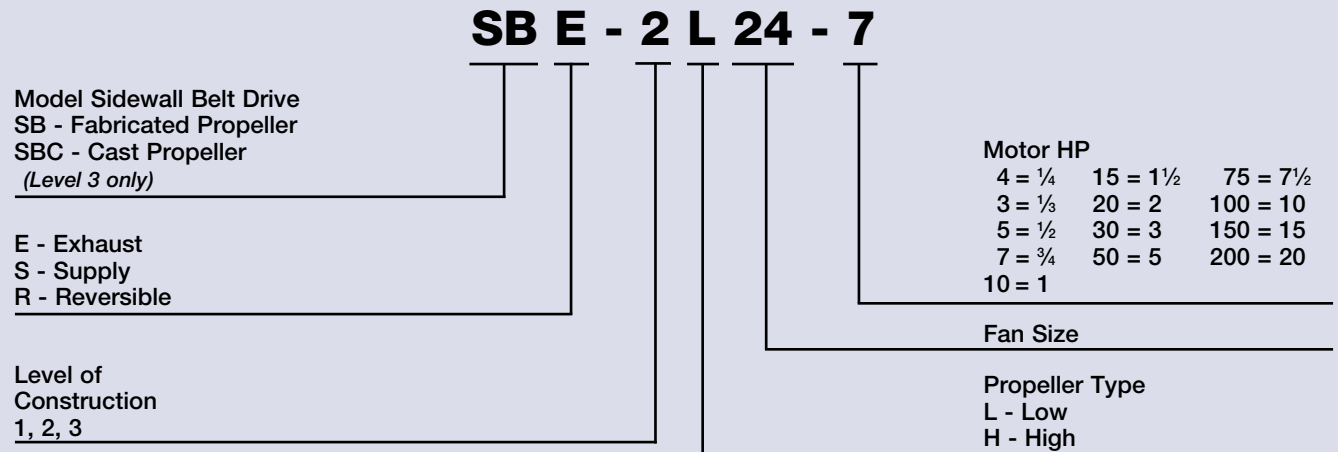


The model number system is designed to completely identify the fan. The correct code letters must be specified to designate direct drive with exhaust or supply air configuration. The remainder of the model number is determined by the size and performance selected from pages 22 through 25.



## Belt Drive Number Code





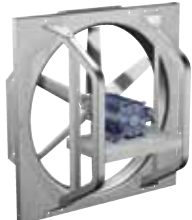
The model number system is designed to completely identify the fan. The correct code letters must be specified to designate belt drive with exhaust or supply air configuration. The remainder of the model number is determined by the size and performance selected from pages 26 through 38.



# Direct Drive Construction and Material Data

All direct drive models are available in either exhaust or supply arrangements. Model SCR3 is the reversible fan model.

	Level 1		Level 2	Level 3	Reversible
<b>Model Sizes</b>	8 - 12: D, G & E motor speeds	12 - 24: A, B & C motor speeds	16 - 54	20 - 54	24 - 54
<b>Panel/Drive Frame</b>	Galvanized steel with one-piece drawn venturi		Galvanized steel with one-piece drawn venturi, bolted structural steel channels and motor plate (paint optional)		
	Zinc plated heavy welded wire guard/support structure (paint optional)	Bolted structural steel channels and motor plate (paint optional)			
<b>Propeller</b>	Aluminum blades riveted to a steel hub		Heavy duty, welded and gusseted painted steel	Heavy duty, cast aluminum	
<b>Motors</b>	Heavy duty, permanently lubricated, sleeve bearing type	Ball bearing type	Heavy duty, permanently lubricated, ball bearing type		





Material Gauges					Max. Motor Frame Size	Approx. Weight (lbs.)	Models	
Fan Size	Fan Panel	Drive Frame	Prop Hub	Prop Blade			Model S1 Sizes 8 to 12	Model S1 Sizes 12 to 24
<b>Level 1, Models: S1</b>							 	
8	18	-	-	-	48	15		
10	18	-	-	-	48	16		
12	18	14*	-	-	48	16		
14	18	14	-	-	56	27		
16	18	14	-	-	56	30		
18	18	14	-	-	56	35		
20	18	14	-	-	145T	39		
24	18	14	-	-	145T	45		
<b>Level 2, Models: S2</b>							<b>Model S2</b>	
16	18	14	14	16	56	40		
18	18	14	14	16	56	45		
20	18	12	14	16	145T	60		
24	18	12	14	16	145T	85		
30	16	12	12	16	184T	130		
36	16	12	12	16	215T	230		
42	14	10	11	14	254T	290		
48	14	10	11	14	254T	375		
54	14	10	10	14	256T	465		
<b>Level 3, Models: SC3</b>							<b>Model SC3</b>	
20	18	12	Cast Aluminum Prop	Cast Aluminum Prop	145T	55		
24	18	12			184T	80		
30	16	12			184T	125		
36	16	12			215T	220		
42	14	10			254T	290		
48	14	10			254T	386		
54	14	10			256T	477		
<b>Reversible, Model SCR3</b>							<b>Model SCR3</b>	
24	16	14	Cast Aluminum Prop	Cast Aluminum Prop	184T	80		
30	16	11			184T	125		
36	16	11			215T	220		
42	14	10			254T	290		
48	14	10			254T	386		
54	14	10			256T	477		

\* A, B, and C motor speeds only. Approximate weight does not include accessories.

# Belt Drive

## Construction and Material Data

	Level 1	Level 2	Level 3 and Reversible	
<b>Model Sizes</b>	20 - 54	20 - 60	24 - 36	42 - 72
<b>Panel/Drive Frame</b>	Galvanized steel with one-piece drawn venturi, bolted structural steel channels and one-piece motor/bearing plate		Galvanized steel with one-piece drawn venturi, bolted structural steel channels and two piece on sizes 42-72	
	(paint optional)		(all-welded panel/drive frame optional, paint optional)	
<b>Propeller</b>	Galvanized steel, riveted blades (aluminum optional)	Reinforced galvanized steel, riveted blades, keyed hub (excluding the 2L)	SB - Heavy duty, welded, reinforced, steel blades coated in Permatector™ All with keyed hubs	SBC - Heavy duty, cast aluminum blades. All with keyed hubs
<b>Bearings</b>	Stamped steel pillow blocks up to size 36 and cast pillow blocks for size 42 and larger		Cast iron pillow blocks with grease fittings	

Material Gauges								Shaft Size	Max Motor Frame Size	Approx. Weight (lbs.)	Models	
Fan Size	Fan Panel	Drive Frame	Propeller									
			Hub		Blade							
L	H	L	H	L	H							
<b>Level 1</b>											<b>Model SB-1H</b>	
20	18	14	14	16	18	3/4	56	60				
24	18	14	14	16	18	3/4	56	70				
30	18	12	14	12	16	3/4	56	95				
36	18	12	14	12	16	3/4	145T	110				
42	16	12	12	11	14	1	145T	150				
48	16	12	12	11	14	1	145T	175				
54	16	12	12	11	14	1	145T	205				
<b>Level 2</b>											<b>Model SB-2L</b>	
20	18	14	14	16	18	3/4	145T	65				
24	18	14	14	16	18	3/4	145T	75				
30	18	12	14	12	16	1	184T	100				
36	18	12	14	12	16	1	184T	115				
42	16	12	12	11	14	1 1/4	184T	160				
48	16	12	12	11	14	1 1/4	184T	260				
54	16	12	12	11	14	1 1/4	184T	315				
60	14	12	3/16 in.	12	1 1/2	215T	370					
<b>Level 3 and Reversible</b>											<b>Model SB-3L</b>	<b>Model SBCR</b>
24	16	14	12	16	3/4	145T	90					
30	16	12	12	16	1	184T	140					
36	16	12	12	16	1	184T	260					
42	14	12	11	14	1 1/2	215T	320					
48	14	12	11	14	1 1/2	215T	420					
54	14	10	10	14	1 1/2	254T	590					
60	14	10	3/16 in.	12	1 3/4	256T	755					
72	12	10	3/16 in.	12	2	256T	1050					

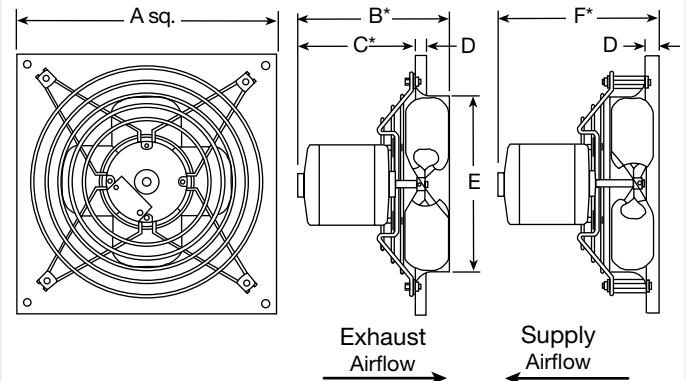
Approximate weight does not include accessories.



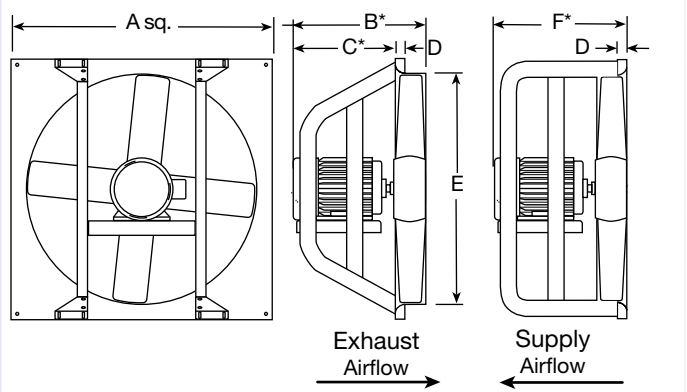
# Direct Drive Dimensional Data

Fan Size	A Panel**	B*	C*	D	E	F*	Damper Size**
<b>Level 1</b>							
8	13 (330)	7 (178)	5 (127)	1 (25)	8 <sup>5</sup> / <sub>8</sub> (213)	8 (203)	10 (254)
10	15 (381)	8 <sup>3</sup> / <sub>4</sub> (222)	5 (127)	1 (25)	10 <sup>5</sup> / <sub>8</sub> (264)	8 (203)	12 (305)
14	20 (508)	11 <sup>1</sup> / <sub>4</sub> (286)	8 <sup>1</sup> / <sub>2</sub> (216)	1 (25)	14 <sup>7</sup> / <sub>8</sub> (365)	14 <sup>1</sup> / <sub>4</sub> (362)	16 (406)
16	22 (559)	11 <sup>3</sup> / <sub>4</sub> (298)	8 <sup>5</sup> / <sub>8</sub> (225)	1 (25)	16 <sup>5</sup> / <sub>8</sub> (416)	14 (356)	18 (457)
18	24 (610)	14 (356)	10 <sup>5</sup> / <sub>8</sub> (276)	1 (25)	18 <sup>3</sup> / <sub>8</sub> (467)	14 <sup>1</sup> / <sub>4</sub> (362)	20 (508)
20	26 (660)	17 <sup>1</sup> / <sub>4</sub> (438)	11 (279)	1 (25)	20 <sup>1</sup> / <sub>2</sub> (521)	18 (457)	22 (559)
24	32 (813)	20 (508)	12 <sup>5</sup> / <sub>8</sub> (321)	1 <sup>1</sup> / <sub>4</sub> (32)	24 <sup>3</sup> / <sub>8</sub> (619)	21 (533)	26 (660)
<b>Level 2</b>							
16	22 (559)	13 <sup>1</sup> / <sub>2</sub> (343)	10 <sup>1</sup> / <sub>4</sub> (260)	1 (25)	16 <sup>5</sup> / <sub>8</sub> (416)	14 (356)	18 (457)
18	24 (610)	13 <sup>1</sup> / <sub>2</sub> (343)	10 <sup>1</sup> / <sub>4</sub> (260)	1 (25)	18 <sup>5</sup> / <sub>8</sub> (467)	14 <sup>1</sup> / <sub>4</sub> (362)	20 (508)
20	26 (660)	17 <sup>1</sup> / <sub>4</sub> (438)	13 <sup>1</sup> / <sub>2</sub> (343)	1 (25)	20 <sup>1</sup> / <sub>2</sub> (521)	18 (457)	22 (559)
24	32 (813)	20 (508)	13 <sup>1</sup> / <sub>2</sub> (343)	1 <sup>1</sup> / <sub>4</sub> (32)	24 <sup>5</sup> / <sub>8</sub> (625)	21 (533)	26 (660)
30	38 (965)	20 <sup>1</sup> / <sub>2</sub> (521)	16 <sup>5</sup> / <sub>8</sub> (416)	1 <sup>1</sup> / <sub>4</sub> (32)	30 <sup>5</sup> / <sub>8</sub> (778)	21 <sup>1</sup> / <sub>4</sub> (552)	32 (813)
36	44 (1118)	20 <sup>1</sup> / <sub>2</sub> (521)	16 <sup>5</sup> / <sub>8</sub> (416)	2 (51)	36 <sup>5</sup> / <sub>8</sub> (930)	28 (711)	38 (965)
42	50 (1270)	26 (660)	18 <sup>1</sup> / <sub>4</sub> (464)	2 (51)	42 <sup>5</sup> / <sub>8</sub> (1083)	28 (711)	44 (1118)
48	56 (1422)	26 <sup>5</sup> / <sub>8</sub> (676)	20 <sup>5</sup> / <sub>8</sub> (524)	2 (51)	49 <sup>1</sup> / <sub>4</sub> (1251)	28 <sup>1</sup> / <sub>2</sub> (724)	50 (1270)
54	62 (1575)	28 (711)	22 <sup>7</sup> / <sub>16</sub> (570)	2 (51)	55 <sup>5</sup> / <sub>8</sub> (1407)	30 <sup>5</sup> / <sub>8</sub> (765)	56 (1422)
<b>Level 3</b>							
20	26 (660)	17 <sup>1</sup> / <sub>4</sub> (438)	13 <sup>1</sup> / <sub>2</sub> (343)	1 (25)	20 <sup>1</sup> / <sub>2</sub> (521)	18 (457)	22 (559)
24	32 (813)	20 (508)	13 <sup>1</sup> / <sub>2</sub> (343)	1 <sup>1</sup> / <sub>4</sub> (32)	24 <sup>5</sup> / <sub>8</sub> (625)	21 (533)	26 (660)
30	38 (965)	20 <sup>1</sup> / <sub>2</sub> (521)	16 <sup>5</sup> / <sub>8</sub> (416)	1 <sup>1</sup> / <sub>4</sub> (32)	30 <sup>5</sup> / <sub>8</sub> (778)	21 <sup>1</sup> / <sub>4</sub> (552)	32 (813)
36	44 (1118)	20 <sup>1</sup> / <sub>2</sub> (521)	16 <sup>5</sup> / <sub>8</sub> (416)	2 (51)	36 <sup>5</sup> / <sub>8</sub> (930)	28 (711)	38 (965)
42	50 (1270)	26 (660)	18 <sup>1</sup> / <sub>4</sub> (464)	2 (51)	42 <sup>5</sup> / <sub>8</sub> (1083)	28 (711)	44 (1118)
48	56 (1422)	26 <sup>5</sup> / <sub>8</sub> (676)	20 <sup>5</sup> / <sub>8</sub> (524)	2 (51)	49 <sup>1</sup> / <sub>4</sub> (1251)	28 <sup>1</sup> / <sub>2</sub> (724)	50 (1270)
54	62 (1575)	28 (711)	22 <sup>7</sup> / <sub>16</sub> (570)	2 (51)	55 <sup>5</sup> / <sub>8</sub> (1407)	30 <sup>5</sup> / <sub>8</sub> (765)	56 (1422)
<b>Reversible</b>							
24	32 (813)	20 (508)	13 <sup>1</sup> / <sub>2</sub> (343)	1 <sup>1</sup> / <sub>4</sub> (32)	24 <sup>5</sup> / <sub>8</sub> (625)	-	26 (660)
30	38 (965)	20 <sup>1</sup> / <sub>2</sub> (521)	16 <sup>5</sup> / <sub>8</sub> (416)	1 <sup>1</sup> / <sub>4</sub> (32)	30 <sup>5</sup> / <sub>8</sub> (778)	-	32 (813)
36	44 (1118)	20 <sup>1</sup> / <sub>2</sub> (521)	16 <sup>5</sup> / <sub>8</sub> (416)	2 (51)	36 <sup>5</sup> / <sub>8</sub> (930)	-	38 (965)
42	50 (1270)	26 (660)	18 <sup>1</sup> / <sub>4</sub> (464)	2 (51)	42 <sup>5</sup> / <sub>8</sub> (1083)	-	44 (1118)
48	56 (1422)	26 <sup>5</sup> / <sub>8</sub> (676)	20 <sup>5</sup> / <sub>8</sub> (524)	2 (51)	49 <sup>1</sup> / <sub>4</sub> (1251)	-	50 (1270)
54	62 (1575)	28 (711)	22 <sup>7</sup> / <sub>16</sub> (570)	2 (51)	55 <sup>5</sup> / <sub>8</sub> (1407)	-	56 (1422)

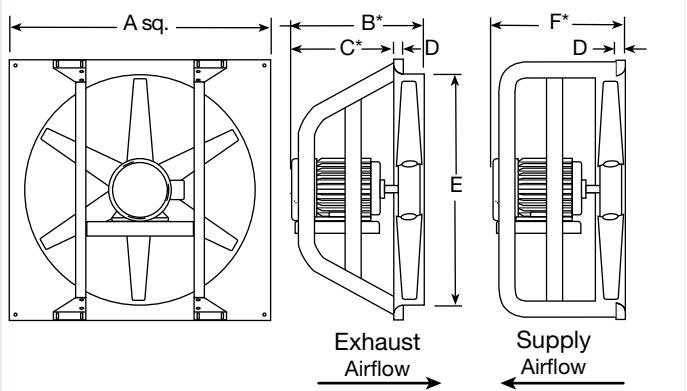
Level 1: Sizes 8 - 12



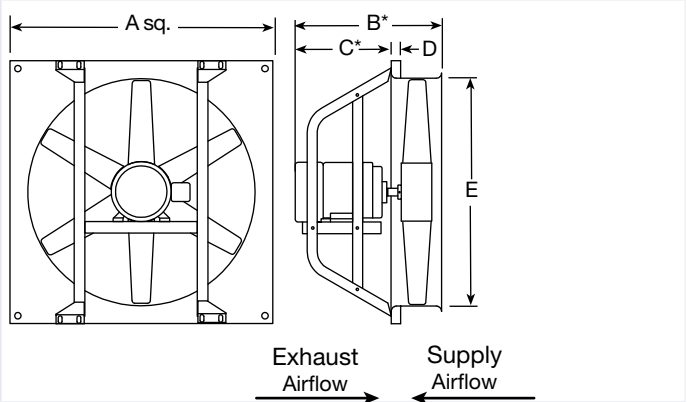
Level 1: Sizes 12 - 24



Level 2 & Level 3

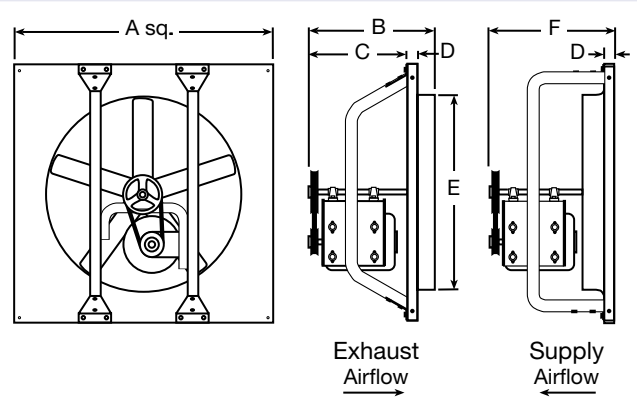
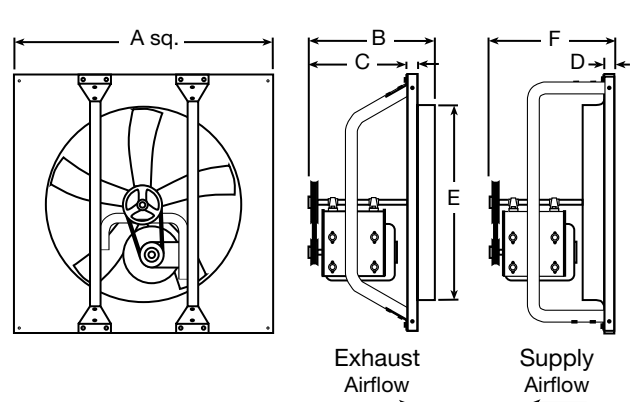
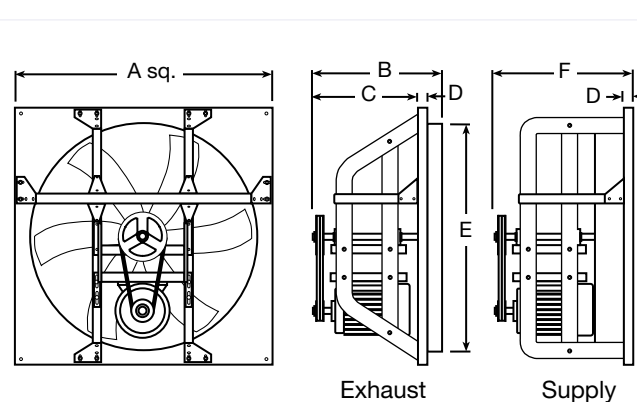
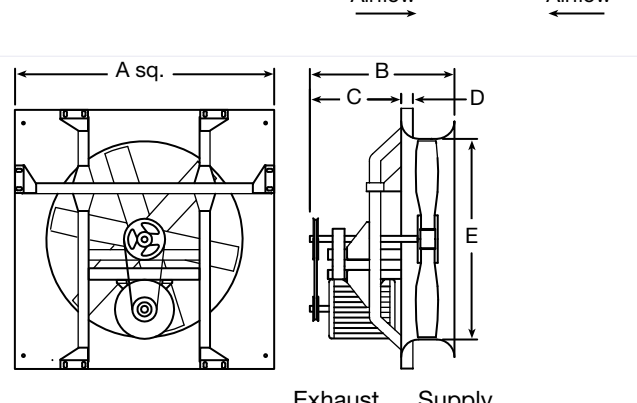


Reversible



\* Varies with motor selection. All dimensions given in inches (mm). \*\*Square dimension.

# Belt Drive Dimensional Data

Fan Size	A Panel**	B	C	D	E	F*	Damper Size**	
<b>Level 1</b>								
20	26 (660)	19½ (495)	16¼ (413)	1 (25)	20½ (521)	20 (508)	22 (559)	
24	32 (813)	19½ (495)	16⅝ (410)	1¼ (32)	24⅝ (625)	20 (508)	26 (660)	
30	38 (965)	22½ (572)	18¼ (464)	1¼ (32)	30⅝ (778)	21 (533)	32 (813)	
36	44 (1118)	21½ (546)	16½ (419)	2 (51)	36⅝ (930)	23 (584)	38 (965)	
42	50 (1270)	25 (635)	20 (508)	2 (51)	42¾ (1086)	23 (584)	44 (1118)	
48	56 (1422)	25 (635)	19 (483)	2 (51)	48¾ (1238)	23 (584)	50 (1270)	
54	62 (1575)	25 (635)	19½ (495)	2 (51)	55¼ (1403)	24 (610)	56 (1422)	
<b>Level 2</b>								
20	26 (660)	19½ (495)	16¼ (413)	1 (25)	20½ (521)	20 (508)	22 (559)	
24	32 (813)	19½ (495)	16⅝ (410)	1¼ (32)	24⅝ (625)	20 (508)	26 (660)	
30	38 (965)	21½ (546)	17¼ (438)	1¼ (32)	30⅝ (778)	21 (533)	32 (813)	
36	44 (1118)	21½ (546)	16½ (419)	2 (51)	36⅝ (930)	22 (559)	38 (965)	
42	50 (1270)	25 (635)	20 (508)	2 (51)	42¾ (1086)	25½ (648)	44 (1118)	
48	56 (1422)	25 (635)	19 (483)	2 (51)	48¾ (1238)	25½ (648)	50 (1270)	
54	62 (1575)	26 (660)	20½ (546)	2 (51)	55¼ (1403)	24 (610)	56 (1422)	
60	68 (1727)	28 (711)	21⅞ (545)	2 (51)	61¼ (1556)	24 (610)	62 (1575)	
<b>Level 3 &amp; Reversible</b>								
24	32 (813)	19 (483)	15⅝ (397)	1¼ (32)	24⅝ (625)	20½ (521)	26 (660)	
30	38 (965)	21½ (546)	17¼ (438)	1¼ (32)	30⅝ (778)	20 (508)	32 (813)	
36	44 (1118)	28 (711)	23 (584)	2 (51)	36⅝ (930)	27 (686)	38 (965)	
42	50 (1270)	28 (711)	23 (584)	2 (51)	42¾ (1086)	29¼ (743)	44 (1118)	
48	56 (1422)	31½ (800)	27½ (699)	2 (51)	48¾ (1238)	30½ (775)	50 (1270)	
54	62 (1575)	35¾ (908)	30¼ (768)	2 (51)	55¼ (1403)	36¼ (921)	56 (1422)	
60	68 (1727)	35 (889)	28⅞ (722)	2 (51)	61¼ (1556)	35½ (902)	62 (1575)	
72	82 (2083)	35 (889)	28¼ (718)	2⅞ (54)	73¼ (1861)	35½ (902)	74 (1880)	
<b>Reversible</b>								

All dimensions given in inches (mm). \*\*Square dimension.

# S1-Direct Drive - Level 1



Model Number	Motor HP	Fan RPM	Max BHP	Sones @ F.A.	CFM/Static Pressure in Inches WG												
					0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75		
<b>S1 Performance Limits</b>																	
S1-8-424-G	1/80	1350	28W	3.2	300	263	190										
S1-8-426-D		1550	39 W	3.7	310	282	231	140									
S1-8-428-P		1/40	1650	53 W	3.9	329	302	266	237	214	149						
S1-8-440-E	1/100	1050	50 W	1.5	311	224	126	100									
S1-8-440-G	1/40	1350	55 W	3.5	399	354	256	198	174	138							
S1-8-440-D	1/25	1550	75 W	4.9	459	419	351	307	255	198	167	115					
S1-10-424-D	1/50	1550	45 W	4.6	575	525	462	407									
S1-10-426-P	1/30	1650	55 W	4.8	590	551	502	468	428								
S1-10-428-P	1/20		78 W	5.2	606	573	536	511	484	407	272	249	213				
S1-10-440-E	1/40	1050	105 W	3.2	626	533	361										
S1-10-440-G	1/20	1350	135 W	4.9	804	738	655	615	564								
S1-10-440-D	1/12	1550	170 W	5.9	924	869	800	763	726	641							
S1-12-426-D	1/10	1550	105 W	6.6	1113	1055	975	929	877	748	609	428					
S1-12-436-G		1350	120 W	7.5	1269	1202	1101	1011	973	779	359						
S1-12-432-E	1/20	1050	125 W	4.3	981	877	744		622	463	383						
S1-12-432-G	1/12	1350	170 W	6.0	1262	1185	1097		986	886	798	721	540				
S1-12-432-D	1/8	1550	190 W	7.5	1449	1382	1309		1224	1129	1042	952	860	614	478		
S1-12-432-C8		860	0.03	4.0	804	664	511		348	248							
S1-12-432-B6		1/6	1160	0.07	4.8	1084	991	872		755	660	503	431				
S1-12-432-B6	1/4	1750	0.27	8.7	1636	1577	1515		1447	1365	1282	1207	1085	947			
S1-14-440-C8	1/8	860	0.07	5.9	1189	1055	919	711	649	551	408						
S1-14-440-B6	1/6	1160	0.15	7.3	1604	1493	1406	1350	1297	1207	908	837	720				
S1-14-432-A4	1/4	1750	0.29	12.9	2404	2351	2299	2273	2245	2189	2134	2052	1912	1636			
S1-14-436-A3	1/3		0.39	14.8	2734	2674	2615	2585	2553	2487	2422	2340	2192	1829	1220		
S1-16-436-C8	1/8	860	0.12	5.0	2003	1876	1732	1621	1433	1037	849	705					
S1-16-426-B6	1/6		0.15	7.5	2108	2027	1942	1894	1846	1725	1588						
S1-16-428-B6		1160	0.19	7.6	2235	2148	2058	2012	1964	1840	1710	1534	1126				
S1-16-436-B4		1/4		0.29	9.5	2702	2609	2512	2461	2410	2281	2067	1761	1359	1049		
S1-16-421-A3	1/3		0.38	13.5	2552	2506	2461	2438	2415	2367	2309	2252	2143	1916			
S1-16-428-A5	1/2	1750	0.63	15.3	3372	3315	3257	3228	3199	3140	3078	3016	2908	2700	2468	1861	
S1-16-436-A7	3/4		0.89	16.6	4076	4015	3954	3923	3892	3828	3760	3693	3591	3349	2902	2298	
S1-18-434-C8	1/8	860	0.15	8.7	2661	2464	2202	2032	1874	1346							
S1-18-436-C6	1/6		0.19	9.2	2778	2595	2319	2102	1963	1385	1108	912					
S1-18-424-B6			0.20	6.7	2800	2690	2568	2501	2427	2257	2025						
S1-18-429-B4	1/4	1160	0.30	7.2	3238	3120	2987	2908	2828	2668	2434	2145	1510	1183			
S1-18-436-B3	1/3		0.45	12.6	3747	3621	3466	3370	3267	3034	2732	2548	1727	1363			
S1-18-424-A5	1/2	1750	0.67	15.7	4224	4151	4079	4043	4006	3925	3835	3745	3592	3252			
S1-18-429-A7	3/4		0.88	17.4	4885	4807	4729	4690	4651	4565	4460	4354	4196	3926	3460	2984	
S1-20-428-C6	1/6	860	0.19	10.8	3133	3001	2823	2727	2641	2390	2085	1632					
S1-20-436-C4	1/4		0.29	11.7	3888	3717	3523	3420	3285	2918	2237	2091	1873				
S1-20-424-B4			0.30	13.8	3655	3561	3467	3419	3364	3255	3095						
S1-20-428-B3	1/3	1160	0.45	14.3	4227	4128	4030	3974	3901	3755	3621	3493	3175	2287			
S1-20-436-B5	1/2		0.70	14.4	5245	5118	4991	4926	4849	4697	4525	4321	3863	2920	2650		
S1-20-420-A7	3/4		0.87	24	4682	4617	4552	4519	4486	4421	4362	4303	4215	4036	3810		
S1-20-428-A10	1	1750	1.19	25	6377	6311	6246	6214	6181	6116	6050	5965	5820	5580	5368	5087	
S1-20-432-A15	1 1/2		1.73	26	7115	7038	6962	6924	6886	6809	6733	6653	6518	6292	6016	5688	
S1-24-432-C4	1/4		0.34	9.1	5000	4767	4540	4409	4233	3789							
S1-24-436-C3	1/3	860	0.41	10.0	5457	5232	5002										
S1-24-437-C5	1/2		0.58	11.6	6136	5953	5764	5631	5497	5150	4720	4341					
S1-24-428-B5		1160	0.61	14.1	5908	5794	5680	5623	5566	5382	5175	4898					
S1-24-432-B7		3/4	0.83	14.7	6745	6572	6399	6313	6229	6064	5830	5569	5007				

Performance certified is for Models S1 for installation type A: free inlet, free outlet. Power rating (Bhp) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). \*Speed (RPM) shown is nominal. Performance is based on actual speed of test. The sound ratings shown are loudness values in fan sones at 5 ft (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values are for installation type A: free inlet hemispherical sone levels.

# S2-Direct Drive - Level 2



Model Number	Motor HP	Fan RPM	Max BHP	Sones @ F.A.	CFM / Static Pressure in Inches WG												
					0.00	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75	1.00	
<b>SE2 / SS2 Performance Limits</b>																	
S2-16-427-B6	1/6	1160	0.15	11.3	2213	1933	1849	1766	1536	1215	894						
S2-16-435-B6			0.20	11.6	2522	2239	2150	2055	1732	1434							
S2-16-417-A4	1/4		0.30	18.7	2582	2414	2375	2336	2255	2156	2053	1869	1435	1084			
S2-16-423-A3	1/3	1750	0.38	19.9	3076	2899	2854	2809	2719	2621	2524	2331	1916				
S2-16-430-A5	1/2		0.56	23	3531	3344	3297	3250	3155	3058	2944	2750	2303	1642			
S2-18-423-B6	1/6		0.20	12.5	2917	2632	2562	2458	2249	2018							
S2-18-430-B4	1/4	1160	0.29	14.2	3376	3038	2944	2861	2662	2398	2084						
S2-18-435-B3	1/3		0.35	16.2	3658	3311	3208	3089	2850	2556	1903						
S2-18-411-A4	1/4		0.30	21	3121	2978	2941	2893	2799	2697	2586	2415					
S2-18-415-A3	1/3	1750	0.41	22	3623	3476	3439	3400	3300	3199	3091	2920					
S2-18-421-A5	1/2		0.59	22	4177	4015	3975	3931	3807	3683	3574	3416	3059	2558			
S2-20-420-B6	1/6		0.21	15.3	3697	3350	3257	3137	2857	2532	2155						
S2-20-423-B4	1/4	1160	0.30	17.2	3997	3626	3522	3419	3153	2834	2430						
S2-20-430-B3			0.40	18.6	4468	4087	3989	3882	3626	3281							
S2-20-407-A4	1/3		0.37	27	3579	3382	3333	3282	3180	3053	2922	2744	2300	1869	1342		
S2-20-410-A3			0.37	28	4035	3835	3785	3731	3623	3461	3254	3113	2791				
S2-20-415-A5	1/2	1750	0.57	29	4934	4697	4637	4578	4454	4330	4185	3957					
S2-20-420-A7	3/4		0.88	30	5577	5355	5300	5243	5121	4999	4877	4614	4138	3544	2992		
S2-20-427-A10	1		1.19	33	6633	6364	6297	6231	6099	5968	5837	5613					
S2-20-435-A15	1½		1.76	35	7266	6980	6909	6837	6691	6543	6396	6115	5453	4658			
S2-24-615-C4	1/4		0.28	15.7	4687	4200	4058	3895	3561	3126	2488						
S2-24-620-C3	1/3	860	0.36	18.5	5300	4710	4557	4410	3993	3445	2607						
S2-24-630-C5	1/2		0.54	18.8	6439	5768	5599	5412	4993	4387							
S2-24-620-B7	3/4	1160	0.86	23	7148	6728	6619	6502	6268	6049	5831	5308	4315				
S2-24-625-B10	1		1.13	25	7917	7491	7391	7291	7060	6781	6501	6035	4850	2745			
S2-24-600-A7	3/4		0.87	36	5070	4877	4828	4778	4676	4573	4455	4251	3911	3518	3161	2287	
S2-24-604-A10	1	1750	1.18	39	6297	6081	6027	5973	5865	5747	5627	5447	5084	4671	4203		
S2-24-610-A15	1½		1.70	40	8137	7904	7845	7787	7670	7559	7448	7281	6968	6571	6178	5106	
S2-24-615-A20	2		2.28	41	9537	9310	9253	9197	9083	8961	8835	8646	8315	7915	7508	6559	
S2-30-618-C7	3/4		0.79	23	9698	9066	8886	8707	8309	7892	7340	6370					
S2-30-625-C10	1	860	1.18	28	11515	10823	10644	10461	10097	9629	9051	7945					
S2-30-635-C15	1½		1.80	32	13290	12505	12291	12076	11647	11060	10192	7951					
S2-30-605-B7	3/4		0.86	29	7911	7479	7369	7257	7034	6795	6551	6210	5496	4497	3377		
S2-30-610-B10	1	1160	1.17	30	9662	9293	9201	9103	8872	8640	8392	7976	7204	6248	5108		
S2-30-615-B15	1½		1.72	31	12000	11565	11456	11348	11130	10890	10619	10200	9404	8327	6921		
S2-30-620-B20	2		2.29	33	13905	13434	13316	13198	12939	12665	12391	11954	11144	10136	8640		
S2-36-607-C7	3/4		0.82	27	9985	9347	9183	9012	8669	8255	7829	7039	5325	3679	2486		
S2-36-611-C10	1	860	1.11	30	12131	11529	11360	11187	10840	10449	10058	9289	7622	5532	3782		
S2-36-617-C15	1½		1.61	31	15162	14491	14324	14153	13810	13442	12926	12117	10512	7704	5270		
S2-36-600-B10	1		1.21	34	8200	7791	7656	7515	7224	6913	6617	6214	5478	4679	3902		
S2-36-605-B15	1½		1.72	36	11977	11535	11424	11313	11077	10828	10580	10147	9384	8487	7337	5080	
S2-36-609-B20	2	1160	2.34	37	14957	14468	14345	14223	13976	13728	13480	13098	12411	11537	10483	7678	
S2-36-614-B30	3		3.29	40	18400	17945	17832	17718	17490	17263	16965	16517	15787	15003	13722	10993	
S2-42-602-C10	1		1.08	30	8673	7991	7811	7632	7254	6888	6531	5979	4937	3944	2850		
S2-42-608-C15	1½		1.73	32	14642	14035	13883	13732	13396	13058	12692	12072	10980	9558	8035		
S2-42-612-C20	2	860	2.42	33	18363	17675	17503	17331	16966	16600	16233	15619	14477	13041			
S2-42-617-C30	3		3.32	35	21840	21148	20975	20802	20440	20032	19624	18975	17694	16259	14629	8191	
S2-42-627-C50	5		5.95	41	28811	27924	27702	27480	27037	26533	26023	25261	24002	22494	20376	13589	
S2-48-407-C15	1½		1.84	43	18124	17081	16823	16565	16049	15499	14820	13815	12067	9984	7536		
S2-48-410-C20	2		2.40	44	21801	20853	20616	20362	19848	19333	18699	17684	15807	13843	11719		
S2-48-415-C30	3	860	3.58	48	27004	26027	25783	25539	24915	24272	23638	22726	21025	19172	16924		
S2-48-422-C50	5		5.91	53	34332	33166	32874	32583	31944	31257	30570	29594	27990	25869	23518		
S2-54-420-F50	5	690	5.76	52	41542	39736	39284	38845	38011	37177	36322	34995	32089	28911	25289	14535	
S2-54-410-C50		860	5.68	53	35642	34502	34217	33932	33364	32826	32287	31334	29690	27722	25548	20120	
S2-54-416-C75		7½		8.68	54	45612	44465	44179	43892	43319	42745	42051	40967	39103	37130	34973	30171

Performance certified is for Models S2 for installation type A: free inlet, free outlet. Power rating (Bhp) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). \*Speed (RPM) shown is nominal. Performance is based on actual speed of test. The sound ratings shown are loudness values in fan sones at 5 ft (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values are for installation type A: free inlet hemispherical sone levels.

# SC3-Direct Drive - Level 3



Model Number	Motor HP	Fan RPM	Max BHP	Sones @ F.A.	CFM / Static Pressure in Inches WG											
					0.00	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75	1.00
<b>SCE3/SCS3 Performance Limits</b>																
SC3-20-617-B4	1/4		0.29	22	3243	2990	2924	2851	2703	2529	2292	1796				
SC3-20-622-B3	1/3	1160	0.40	23	3766	3517	3451	3381	3241	3067	2871	2468				
SC3-20-630-B5	1/2		0.55	25	4394	4115	4049	3984	3809	3635	3448	3039				
SC3-20-307-A4	1/4		0.27	31	2984	2707	2629	2554	2410	2250	2083	1789	1213			
SC3-20-312-A3	1/3		0.40	33	3753	3486	3424	3364	3240	3087	2909	2623	2082	1415		
SC3-20-320-A5	1/2	1750	0.62	37	4673	4463	4383	4304	4152	4011	3873	3667	3222	2608	1804	
SC3-20-327-A7	3/4		0.92	41	5504	5189	5129	5069	4931	4772	4613	4365	3931	3335	2471	
SC3-20-429-A10	1		1.26	42	6005	5797	5745	5692	5564	5434	5303	5106	4739	4327	3763	
SC3-24-620-C4	1/4		0.28	16.7	4777	4292	4146	3999	3695	3312	2822					
SC3-24-627-C3	1/3	860	0.39	16.2	5612	5090	4940	4787	4420	3982	3385					
SC3-24-630-C5	1/2		0.45	18.2	5924	5401	5252	5094	4653	4184	3656					
SC3-24-412-B4	1/4		0.28	18.8	4685	4204	4105	4007	3762	3481	3172	2538				
SC3-24-417-B3	1/3		0.38	21	5446	4960	4843	4725	4461	4167	3905	3412				
SC3-24-617-B5	1/2	1160	0.60	24	5994	5634	5537	5440	5248	5053	4828	4472	3675			
SC3-24-625-B7	3/4		0.87	27	7249	6872	6772	6672	6462	6248	6013	5592	4773			
SC3-24-630-B10	1		1.10	28	7991	7644	7535	7426	7206	6984	6694	6203	5304			
SC3-24-407-A5	1/2		0.62	39	5559	5316	5250	5169	5010	4854	4691	4434	3963	3367	2586	
SC3-24-315-A7	3/4		0.88	40	7200	6785	6689	6593	6393	6186	6008	5746	5228	4642	3857	
SC3-24-415-A10	1	1750	1.17	46	7728	7431	7356	7276	7103	6940	6782	6541	6130	5680	5163	
SC3-24-615-A15	1 1/2		1.81	49	8561	8331	8273	8216	8097	7976	7856	7674	7356	7005	6637	5750
SC3-24-620-A20	2		2.37	53	9721	9501	9446	9391	9281	9159	9033	8844	8488	8126	7757	6886
SC3-30-315-C4	1/4		0.30	16.5	7276	5972	5609	5236	4402	2816						
SC3-30-320-C3	1/3		0.40	19.0	8235	6951	6532	6111	5245	3909						
SC3-30-422-C5	1/2	860	0.59	21	9389	8340	8040	7711	6993	6222	4858					
SC3-30-623-C7	3/4		0.87	23	10396	9831	9655	9433	8937	8357	7699	6456				
SC3-30-627-C10	1		1.01	23	11192	10384	10182	9958	9484	8897	8174	6869				
SC3-30-409-B5	1/2		0.63	26	8794	8076	7878	7680	7286	6886	6363	5594	3748			
SC3-30-317-B7	3/4		0.85	29	10420	9538	9269	9010	8493	7941	7343	6384				
SC3-30-612-B10	1	1160	1.21	32	10679	10168	10038	9904	9637	9349	9047	8544	7622	6348		
SC3-30-620-B15	1 1/2		1.87	36	13263	12742	12615	12489	12237	11942	11611	11091	10081	8865		
SC3-30-625-B20	2		2.32	40	14779	14160	14005	13849	13537	13220	12901	12376	11276	9927		
SC3-36-407-C5	1/2		0.60	25	11645	10275	9900	9546	8692	7632	6426					
SC3-36-415-C7	3/4		0.86	34	13452	12100	11762	11424	10596	9480	8239					
SC3-36-612-C10	1	860	1.21	25	14903	13880	13580	13281	12683	12079	11454	10212				
SC3-36-620-C15	1 1/2		1.75	30	17206	16138	15847	15555	14959	14327	13561	12192				
SC3-36-627-C20	2		2.30	31	19898	18735	18408	18081	17299	16428	15538	13942				
SC3-36-305-B7	3/4		0.94	37	13250	12067	11799	11452	10652	9938	9223	7620	4470			
SC3-36-307-B10	1		1.18	38	14446	13289	13000	12698	12093	11443	10672	9209				
SC3-36-410-B15	1 1/2	1160	1.82	43	17128	16145	15888	15629	15110	14561	13964	13052	11211	8411		
SC3-36-609-B20	2		2.42	48	17903	17169	16986	16802	16424	16015	15607	14993	13899	12434	10501	
SC3-36-617-B30	3		3.54	49	21781	20957	20751	20546	20134	19710	19269	18607	17398	15999	14133	
SC3-42-610-F7	3/4		0.85	25	14274	13009	12625	12182	11224	10210	8748	5893				
SC3-42-615-F10	1	690	1.16	27	16960	15417	15027	14641	13687	12645	11511	8704				
SC3-42-622-F15	1 1/2		1.76	28	20327	18789	18421	17960	17008	15991	14609	11992				
SC3-42-629-F20	2		2.40	31	23088	21265	20790	20297	19236	18050	16564					
SC3-42-605-C10	1		1.16	35	14770	13609	13290	12964	12277	11524	10705	9283	6513			
SC3-42-610-C15	1 1/2	860	1.64	34	17791	16813	16543	16272	15653	14934	14156	12957	9944			
SC3-42-615-C20	2		2.24	35	21138	19913	19598	19283	18657	18039	17251	15978	13640			
SC3-42-620-C30	3		3.11	36	24242	23108	22791	22474	21840	21181	20517	19111	16580	12206		
SC3-48-410-F7	3/4		0.90	32	18398	15714	14918	14090	12218	10042	6727					
SC3-48-414-F10	1		1.20	32	21562	18368	17420	16448	14580	12041	8226					
SC3-48-614-F15	1 1/2	690	1.78	35	25271	23113	22519	21926	20713	19474	17794	14865				
SC3-48-619-F20	2		2.37	38	29125	26642	26019	25396	24108	22773	21122	18057				
SC3-48-625-F30	3		3.29	41	32762	30379	29640	28898	27385	25882	24151	20889				
SC3-48-605-C15	1 1/2		1.80	45	23073	21487	21054	20621	19708	18766	17714	16029	12669	7307		
SC3-48-609-C20	2		2.33	48	26491	24711	24266	23812	22881	21974	21083	19377	16101	11261		
SC3-48-614-C30	3	860	3.44	51	31497	29785	29357	28909	27957	27004	26029	24538	21223			
SC3-48-622-C50	5		5.61	52	39085	37241	36752	36264	35287	34162	33029	31264	27766			
SC3-48-630-C75	7 1/2		7.66	53	43290	41324	40745	40167	38989	37745	36536	34864	30731			
SC3-54-306-F15	1 1/2		1.72	28	24805	22316	21660	20953	19422	17603	15619	12506				
SC3-54-311-F20	2		2.42	28	30602	27772	27138	26500	25218	23953	22581	19674	11567			
SC3-54-317-F30	3	690	3.47	31	36325	33687	33047	32411	31012	29503	27774	25025	18028			
SC3-54-328-F50	5		5.82	40	44402	41230	40512	39795	38189	36133	34392	30263	22490			
SC3-54-300-C20	2		2.47	42	22960	20143	19493	18842	17457	15965	14473	12260	8206			
SC3-54-307-C30	3		3.51	42	31594	29768	29284	28783	27774	26704	25565	23289	19595	15339	10240	
SC3-54-315-C50	5	860	5.79	45	42371	40506	40040	39569	38391	37237	36172	34553	31073	27246	20063	
SC3-54-323-C75	7 1/2		9.00	50	51206	48980	48424	47828	46616	45404	44315	42712	39307	35027	29939	

Performance certified is for Models SC3 for installation type A: free inlet, free outlet. Power rating (Bhp) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). \*Speed (RPM) shown is nominal. Performance is based on actual speed of test. The sound ratings shown are loudness values in fan sones at 5 ft (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values are for installation type A: free inlet hemispherical sone levels.

# SCR3-Direct Drive - Level 3

## Reversible

Model Number	Motor HP	Fan RPM	Max BHP	Sones	CFM / Static Pressure in Inches WG												
					0.00	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75	
24 Performance Limits																	
SCR3-24-627-C4	1/4	860	0.29	16.7	4981	4664	4269	4007	3498								
SCR3-24-632-C3	1/3		0.35	16.9	5478	5153	4731	4391	3789								
SCR3-24-416-B4	1/4	1160	0.29	18.1	4521	4241	3949	3784	3619	3015	2232						
SCR3-24-420-B3	1/3		0.37	19.3	5200	4904	4597	4434	4271	3815	2837						
SCR3-24-623-B5	1/2	1750	0.58	22	6093	5869	5627	5499	5371	5029	4529	3791					
SCR3-24-632-B7	3/4		0.86	27	7389	7148	6896	6739	6582	6207	5689						
SCR3-24-410-A5	1/2	1750	0.57	32	5233	5028	4828	4730	4632	4403	4167	3921	3364				
SCR3-24-414-A7	3/4		0.83	34	6297	6114	5930	5834	5738	5546	5331	5108	4625				
SCR3-24-418-A10	1	1750	1.15	35	7332	7141	6949	6853	6752	6552	6348	6112	5758	4623			
SCR3-24-425-A15	1 1/2		1.67	38	8928	8701	8474	8364	8259	8050	7831	7581	7160	6055			
SCR3-24-626-A20	2		2.31	41	9935	9786	9636	9561	9486	9325	9155	8984	8707	8111	6996		
30 Performance																	
SCR3-30-415-C4	1/4	860	0.29	16.6	6262	5732	5131	4718	4013								
SCR3-30-419-C3	1/3		0.38	17.2	7219	6523	5854	5466	4860								
SCR3-30-620-C5	1/2	1160	0.56	18.8	8118	7694	7218	6953	6682	5738							
SCR3-30-629-C7	3/4		0.84	2	9694	9233	8450	7977	7404								
SCR3-30-412-B5	1/2	1160	0.58	24	7490	7051	6640	6429	6211	5688	4914						
SCR3-30-418-B7	3/4		0.88	27	9414	8921	8440	8206	7968	7466	6763	5490					
SCR3-30-423-B10	1	1750	1.14	29	10658	10134	9606	9329	8999	8338	7672	6255					
SCR3-30-624-B15	1 1/2		1.74	33	12167	11796	11425	11239	11041	10647	10032	9244	8158				
SCR3-30-630-B20	2	1750	2.18	35	13226	12911	12595	12375	11987	11233	10437	9304					
SCR3-30-407-A10	1		1.21	47	8583	8290	7998	7882	7765	7533	7258	6770	6243				
SCR3-30-410-A15	1 1/2	1750	1.63	46	10337	10022	9712	9571	9429	9146	8892	8652	8266	7375			
SCR3-30-413-A20	2		2.09	45	11779	11498	11216	11077	10943	10673	10403	10114	9643	8634			
SCR3-30-420-A30	3	1750	3.34	53	15176	14806	14437	14258	14084	13737	13393	13070	12585	11691	10359		
SCR3-30-623-A50	5		5.5	63	17896	17658	17419	17300	17180	16942	16703	16454	16067	15380	14269	13199	
36 Performance																	
SCR3-36-412-C5	1/2	860	0.55	23	9047	8380	7589	7156	6726								
SCR3-36-419-C7	3/4		0.85	23	12243	11532	10734	10259	9750	8734							
SCR3-36-425-C10	1	1160	1.15	27	14110	13544	12541	12029	11535	10271	8338						
SCR3-36-628-C15	1 1/2		1.74	31	16432	15855	15258	14814	14370	13429	12309						
SCR3-36-406-B7	3/4	1160	0.84	38	9490	8991	8415	8053	7676								
SCR3-36-410-B10	1		1.14	38	10863	10436	9964	9700	9412	8797	8226	7493					
SCR3-36-415-B15	1 1/2	1750	1.71	38	14215	13624	13075	12814	12552	11874	11201	10530	9442				
SCR3-36-616-B20	2		2.2	44	15749	15311	14874	14666	14468	14071	13650	13183	12407				
SCR3-36-623-B30	3	1750	3.44	49	19714	19293	18873	18658	18420	17943	17467	16951	16028	14204			
SCR3-36-630-B50	5		4.66	51	23117	22703	22290	22083	21876	21222	20473	19750	18648	16179			
42 Performance																	
SCR3-42-417-F7	3/4	690	0.69	22	13597	12267	10835	9808	8589								
SCR3-42-620-F10	1		1.12	25	16651	15569	14511	13928	13315	11602							
SCR3-42-629-F15	1 1/2	860	1.72	30	19201	18039	16406	15463	14600	12682							
SCR3-42-415-C10	1		1.15	30	16078	14907	13968	13436	12804	11234							
SCR3-42-422-C15	1 1/2	1160	1.77	35	18875	17758	16552	15875	15182	13699	11683						
SCR3-42-621-C20	2		2.28	36	21190	20336	19478	19048	18614	17612	16541	15213					
SCR3-42-630-C30	3	1160	3.48	43	24181	23243	22221	21682	20821	18963	17704	16613					
SCR3-42-408-B15	1 1/2		1.76	50	15026	14328	13600	13216	12824	11978	10952	9650	7136				
SCR3-42-412-B20	2	1750	2.33	51	18959	18189	17432	17066	16700	15890	15029	14017	11855				
SCR3-42-418-B30	3		3.47	54	23445	22661	21885	21501	21117	20314	19400	18384	16497				
SCR3-42-621-B50	5	1750	5.54	60	28583	27949	27315	26999	26680	26042	25405	24704	23590	21563			
SCR3-42-630-B75	7 1/2		8.55	73	32616	31921	31226	30878	30483	29683	28884	27018	25357	23149			
48 Performance																	
SCR3-48-414-F7	3/4	690	0.87	28	18011	16528	14580	13364	11950								
SCR3-48-418-F10	1		1.17	30	20555	19027	16931	15671	14268	10900							
SCR3-48-619-F15	1 1/2	860	1.75	33	23382	22284	20801	19931	19057	17136	14215						
SCR3-48-624-F20	2		2.29	37	26551	25172	23613	22714	21701	19145	15868						
SCR3-48-414-C15	1 1/2	1160	1.69	40	22448	21297	19941	19200	18353	16384	14153						
SCR3-48-418-C20	2		2.27	42	25619	24430	23020	22243	21306	19279	16958	14401					
SCR3-48-620-C30	3	1750	3.52	48	30092	29264	28435	27770	27003	25523	24096	22719	19594				
SCR3-48-629-C50	5		5.6	56	35190	33738	32249	31430	30610	28531	26291	24091	20049				
SCR3-48-403-B15	1 1/2	1160	1.6	56	14101	13313	12413	11885	11323	10099	8759						
SCR3-48-407-B20	2		2.31	69	20861	20047	19222	18773	18324	17285	16039	14683	12327				
SCR3-48-412-B30	3	1750	3.57	69	28014	27172	26330	25844	25330	24303	23202	22039	19654	15119			
SCR3-48-418-B50	5		5.57	72	34556	33674	32792	32352	31787	30634	29386	27973	25647	21187			
SCR3-48-417-B75	7 1/2	1750	8.95	69	37004	36466	35928	35659	35390	34852	34216	33475	32363	30250	27397		
SCR3-48-420-B100	10		11.14	75	41055	40543	40032	39776	39520	39008	38383	37504	36185	34026	31482	28124	
54 Performance																	
SCR3-54-409-F15	1 1/2	690	1.62	36	21244	19996	18972	18303	17490	15579	12407						
SCR3-54-413-F20	2		2.31	35	25286	24141	22996	22310	21495	19866	17523						
SCR3-54-420-F30	3	860	3.48	35	32665	31099	29514	28700	27784	25855	23632	20807					
SCR3-54-623-F50	5		5.52	46	38452	37244	36028	35293	34558	33088	31492	29814	27135				
SCR3-54-409-C20	2	1160	2.38	51	26479	25468	24566	24145	23734	22661	21344	19757	16344				
SCR3-54-410-C30	3		3.37	53	28003	26997	26093	25707	25320	24416	23141	21715	18977				
SCR3-54-417-C50	5	1750	5.81	52	37090	35925	34761	34229	33715	32688	31591	30131	27681	21769			
SCR3-54-618-C75	7 1/2		8.46	61	41795	40904	40014	39569	39124	38309	37501	36693	35197	31916	25633		
SCR3-54-625-C100	10		11.7	68	50142	49192	48243	47768	47283	46066	44850	43285	40770	37198	33806		

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# SB-30 Belt Drive



Model Number	Motor HP	Fan RPM	Max BHP	*Sones	CFM / Static Pressure in Inches WG													
					0.00	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75	1.00		
Level 1 Performance		Max RPM L - 696 H - 882			Max Motor Frame Size - 56						TS = RPM x 7.854							
SB-1L30-4	1/4	390	0.16	9.5	6453													CFM values shown in black are the most efficient selections. Values shown in gray are not recommended.
		448	0.25	10.9	7413	5790												
		475	0.30	11.6	7860	6394	5880											
SB-1H30-4	1/4	503	0.17	9.4	5747	4619	4164											
		577	0.25	11.8	6593	5682	5389	5018										
SB-1L30-3	1/3	610	0.30	12.6	6970	6129	5860	5559	4743									
		491	0.33	12.1	8125	6742	6249											
SB-1H30-3	1/3	523	0.40	13.0	8654	7427	6970	6503										
		631	0.33	13.1	7210	6396	6156	5888	5163									
SB-1L30-5	1/2	675	0.41	14.1	7713	6950	6763	6515	5939	5160								
		564	0.50	14.3	9333	8261	7862	7436										
SB-1H30-5	1/2	598	0.60	15.5	9895	8898	8583	8185	7366									
		725	0.50	15.5	8284	7571	7398	7213	6746	6145								
SB-1L30-7	3/4	769	0.60	16.9	8787	8112	7949	7785	7376	6876	6248							
		645	0.75	17.2	10673	9766	9508	9190	8446	7562								
SB-1H30-7	3/4	685	0.9	18.7	11335	10496	10253	10009	9332	8622								
		827	0.75	19.1	9450	8819	8667	8515	8188	7779	7279	6326						
SB-1L30-10	1	882	0.90	22	10078	9484	9342	9199	8914	8560	8174	7424						
		696	0.94	19.2	11517	10696	10456	10217	9570	8874								
Level 2 Performance		Max RPM L - 950 H - 1221			Max Motor Frame Size - 184T						TS = RPM x 7.854							
SB-2L30-7	3/4	645	0.75	17.2	10673	9766	9508	9190	8446	7562								
		685	0.90	18.7	11335	10496	10253	10009	9332	8622								
SB-2H30-7	3/4	827	0.75	19.1	9450	8819	8667	8515	8188	7779	7279	6326						
		882	0.90	22	10078	9484	9342	9199	8914	8560	8174	7424						
SB-2L30-10	1	710	1.00	19.7	11748	10949	10714	10479	9872	9192	8383							
		754	1.20	21	12477	11736	11519	11298	10806	10175	9528							
SB-2H30-10	1	917	1.00	23	10478	9906	9768	9631	9357	9049	8680	8012						
		968	1.20	26	11061	10519	10385	10255	9996	9736	9403	8847	7570					
SB-2L30-15	1½	812	1.50	24	13436	12749	12570	12364	11954	11426	10838	9893						
		864	1.81	27	14297	13650	13489	13309	12923	12522	11971	11132						
SB-2H30-15	1½	1048	1.50	29	11975	11474	11349	11227	10987	10747	10507	10029	9071					
		1110	1.80	31	12683	12211	12092	11974	11747	11521	11294	10901	10090	9019				
SB-2L30-20	2	895	2.00	29	14810	14186	14030	13868	13496	13123	12633	11830						
		950	2.41	32	15720	15132	14985	14838	14503	14152	13790	13039	11760					
SB-2H30-20	2	1152	2.00	33	13163	12708	12594	12480	12259	12041	11823	11483	10749	9811				
		1221	2.40	36	13951	13522	13414	13307	13095	12889	12683	12374	11734	10955	9980			
Level 3 Performance		Max RPM L - 1100 H - 1432			Max Motor Frame Size - 184T						TS = RPM x 7.854							
SB-3L30-20	2	824	1.51	23	13052	12289	12098	11898	11483	11006	10403	9137						
		905	2.01	26	14335	13640	13467	13293	12924	12540	12102	11263	9366					
		961	2.40	29	15222	14568	14404	14241	13905	13549	13167	12519	10795					
SB-3H30-20	2	1076	1.53	30	11401	11026	10932	10833	10601	10369	10102	9652	8854	7967	6444			
		1182	2.04	35	12524	12182	12097	12012	11820	11609	11398	11026	10338	9590	8780	5817		
		1260	2.46	38	13351	13030	12950	12870	12708	12510	12312	12015	11376	10705	9980	8065		
SB-3L30-30	3	1036	3.01	35	16410	15803	15651	15500	15196	14874	14544	13993	12801	11093				
		1100	3.61	41	17423	16852	16709	16566	16281	15991	15680	15201	14241	12775	11254			
SB-3H30-30	3	1353	3.01	44	14336	14037	13963	13888	13739	13574	13390	13113	12580	11984	11343	9939		
		1432	3.53	49	15173	14891	14820	14750	14609	14468	14297	14036	13586	13022	12446	11176		

Performance certified is for Model SB for installation type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). \*Speed (RPM) shown is nominal. Performance is based on actual speed of test. The sound ratings shown are loudness values in fan sones at 5 ft (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values are for installation type A: free inlet hemispherical sone levels. \*Sones shown apply to the highest cataloged CFM in black type at each fan RPM. For selections at other CFM and static pressure points, refer to CAPS, the Computer Aided Product Selection Program.

# SB-36 Belt Drive



Model Number	Motor HP	Fan RPM	Max BHP	*Sones	CFM / Static Pressure in Inches WG													
					0.00	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75	1.00		
<b>Level 1 Performance</b>		<b>Max RPM</b>	<b>L - 551</b>	<b>H - 694</b>	<b>Max Motor Frame Size - 56</b>						<b>TS = RPM x 7.854</b>							
SB-1L36-3	1/3	329	0.25	12.3	9491	6448												CFM values shown in black are the most efficient selections. Values shown in gray are not recommended.
		361	0.34	11.8	10415	7958	6849											
		384	0.41	11.8	11078	8915	8018	6662										
SB-1H36-3	1/3	410	0.25	10.0	9011	6831	6112											
		450	0.33	11.1	9890	7967	7391	6725										
SB-1L36-5	1/2	481	0.41	12.1	10572	8812	8290	7743										
		412	0.50	12.7	11886	9913	9250	8354										
SB-1H36-5	1/2	438	0.61	13.6	12636	10809	10290	9572										
		521	0.52	13.5	11451	9845	9398	8912	7811									
SB-1L36-7	3/4	556	0.63	14.9	12220	10729	10328	9891	8958									
		471	0.76	14.5	13588	11925	11442	10947	9408									
SB-1H36-7	3/4	500	0.90	15.3	14425	12890	12435	11981	10808	8915								
		591	0.75	16.4	12989	11605	11223	10844	9985	9016								
SB-1L36-10	1	628	0.91	18.2	13802	12520	12156	11800	11035	10205	9228							
		518	1.01	16.1	14944	13482	13044	12605	11569	10084								
SB-1H36-10	1	551	1.21	17.7	15896	14558	14146	13733	12908	11731	10007							
		651	1.01	18.8	14308	13083	12731	12386	11668	10880	9995							
		694	1.23	20	15253	14135	13798	13468	12824	12111	11358	9875						
<b>Level 2 Performance</b>		<b>Max RPM</b>	<b>L - 693</b>	<b>H - 870</b>	<b>Max Motor Frame Size - 184T</b>						<b>TS = RPM x 7.854</b>							
SB-2L36-10	1	518	1.01	16.1	14944	13482	13044	12605	11569	10084								
		550	1.21	17.6	15867	14525	14113	13699	12873	11682	9934							
SB-2H36-10	1	651	1.01	18.8	14308	13083	12731	12386	11668	10880	9995							
		694	1.23	20	15253	14135	13798	13468	12824	12111	11358	9875						
SB-2L36-15	1½	593	1.51	20	17108	15909	15527	15144	14377	13512	12329							
		631	1.81	22	18204	17113	16759	16400	15680	14959	14025	12176						
SB-2H36-15	1½	744	1.50	23	16352	15358	15021	14714	14106	13486	12810	11706						
		792	1.80	27	17407	16519	16198	15894	15316	14753	14145	13170						
SB-2L36-20	2	653	2.01	24	18839	17784	17467	17120	16424	15728	14942	13287						
		693	2.41	27	19993	18999	18744	18416	17762	17106	16450	15154						
SB-2H36-20	2	821	2.02	30	18044	17217	16907	16601	16043	15496	14935	14011	12258					
		870	2.40	34	19121	18388	18096	17803	17259	16736	16223	15389	13871					
<b>Level 3 Performance</b>		<b>Max RPM</b>	<b>L - 819</b>	<b>H - 1321</b>	<b>Max Motor Frame Size - 184T</b>						<b>TS = RPM x 7.854</b>							
SB-3L36-20	2	614	1.52	18.1	16901	15679	15294	14909	14075	13113	11866							
		675	2.02	20	18580	17464	17178	16828	16128	15335	14463	12727						
		716	2.41	22	19709	18646	18404	18098	17438	16759	15972	14576						
SB-3H36-20	2	833	1.52	26	15014	14373	14212	14041	13682	13275	12740	11908	10095					
		915	2.04	30	16492	15908	15762	15616	15299	14972	14598	13867	12585	10735	8063			
SB-3L36-30	3	967	2.40	33	17429	16877	16739	16600	16313	16003	15694	15059	13876	12427	10502			
		771	3.01	25	21223	20222	19997	19772	19169	18556	17898	16802	14296					
SB-3H36-30	3	819	3.60	28	22544	21590	21378	21166	20658	20081	19504	18511	16505					
		1046	3.00	38	18853	18342	18215	18087	17831	17554	17268	16833	15767	14646	13192			
SB-3H36-50	5	1106	3.60	40	19935	19452	19331	19210	18968	18721	18450	18044	17147	16121	15045	11743		
		1241	5.01	52	22368	21937	21830	21722	21507	21291	21076	20715	20113	19273	18372	16280		
		1321	6.00	59	23810	23405	23304	23203	23001	22799	22596	22277	21711	21077	20233	18473		

Performance certified is for Model SB for installation type A: free inlet, free outlet. Power rating (Bhp) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). \*Speed (RPM) shown is nominal. Performance is based on actual speed of test. The sound ratings shown are loudness values in fan sones at 5 ft (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values are for installation type A: free inlet hemispherical sone levels. \*Sones shown apply to the highest cataloged CFM in black type at each fan RPM. For selections at other CFM and static pressure points, refer to CAPS, the Computer Aided Product Selection Program.

# SB-42 Belt Drive



Model Number	Motor HP	Fan RPM	Max BHP	*Sones	CFM / Static Pressure in Inches WG														
					0.00	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75	1.00			
<b>Level 1 Performance</b>		<b>Max RPM</b>	<b>L - 424</b>	<b>H - 533</b>	<b>Max Motor Frame Size - 145T</b>							<b>TS = RPM x 10.995</b>							
SB-1L42-3	1/3	250	0.24	9.4	11651													CFM values shown in black are the most efficient selections. Values shown in gray are not recommended.	
		275	0.33	10.3	12816	8583													
		294	0.40	11.1	13701	10026													
SB-1H42-3	1/3	314	0.25	9.4	10844	7332													
		345	0.33	11.1	11915	9126	7744												
SB-1L42-5	1/2	369	0.40	12.6	12744	10191	9283												
		316	0.50	12.0	14726	11363	10252												
SB-1H42-5	1/2	335	0.60	13.0	15612	12415	11671	10248											
		400	0.51	14.7	13814	11527	10841	9931											
SB-1L42-7	3/4	426	0.61	16.3	14712	12605	11980	11333											
		362	0.75	14.5	16870	13939	13189	12422											
SB-1H42-7	3/4	385	0.92	15.8	17942	15273	14451	13804	11298										
		460	0.78	18.5	15887	13987	13420	12834	11361										
SB-1L42-10	1	482	0.90	20	16646	14868	14327	13784	12592	10507									
		398	1.00	16.8	18548	16016	15189	14528	12837										
SB-1H42-10	1	424	1.21	18.8	19759	17478	16705	15953	14777										
		500	1.00	20	17268	15573	15060	14539	13448	11853									
		533	1.22	21	18408	16849	16388	15899	14900	13752	11887								
<b>Level 2 Performance</b>		<b>Max RPM</b>	<b>L - 723</b>	<b>H - 907</b>	<b>Max Motor Frame Size - 184T</b>							<b>TS = RPM x 10.995</b>							
SB-2L42-10	1	398	1.00	16.8	18548	16016	15189	14528	12837										
		424	1.21	18.8	19759	17478	16705	15953	14777										
SB-2H42-10	1	500	1.00	21	17268	15573	15060	14539	13448	11853									
		533	1.22	22	18408	16849	16388	15899	14900	13752	11887								
SB-2L42-15	1½	456	1.50	21	21251	19152	18532	17809	16577	15188									
		484	1.80	23	22555	20599	20064	19420	18117	17086	15458								
SB-2H42-15	1½	577	1.53	24	19927	18529	18109	17678	16773	15831	14681								
		608	1.81	26	20998	19701	19302	18903	18053	17182	16275	14193							
SB-2L42-20	2	502	2.01	24	23394	21521	21006	20440	19128	18098	16824								
		532	2.40	27	24792	23046	22560	22074	20881	19757	18819	16579							
SB-2H42-20	2	630	2.00	28	21758	20527	20142	19757	18951	18122	17251	15564							
		673	2.41	31	23243	22131	21771	21411	20682	19906	19122	17893							
SB-2L42-30	3	575	3.01	32	26796	25212	24762	24312	23339	22193	21216	19836							
		611	3.65	31	28474	26984	26586	26162	25316	24279	23201	21952	18527						
SB-2H42-30	3	721	3.00	36	24900	23864	23572	23236	22564	21861	21137	20017	17604						
		766	3.61	40	26455	25479	25235	24931	24298	23664	22982	21961	20125	16908					
SB-2L42-50	5	681	5.08	36	31736	30400	30066	29712	28952	28192	27265	25814	23967	20093					
		723	6.00	39	33693	32435	32120	31805	31102	30386	29642	28275	26322	24165					
SB-2H42-50	5	853	4.99	48	29459	28583	28364	28145	27603	27035	26466	25556	24003	22312	19563				
		907	5.95	56	31324	30500	30294	30088	29630	29095	28561	27738	26299	24797	22915				
<b>Level 3 Performance</b>		<b>Max RPM</b>	<b>L - 762</b>	<b>H - 951</b>	<b>Max Motor Frame Size - 184T</b>							<b>TS = RPM x 10.995</b>							
SB-3L42-30	3	527	1.99	18.3	22520	20843	20397	19944	18862	17664	16166								
		606	3.00	24	25896	24438	24073	23695	22908	21971	20980	19316							
		640	3.61	26	27349	25968	25623	25278	24537	23737	22813	21321	17720						
SB-3H42-30	3	657	1.99	24	19872	18805	18554	18303	17771	17180	16461	15333	13065						
		755	3.00	30	22836	21890	21671	21453	21016	20567	20053	19187	17554	15662					
SB-3L42-50	5	800	3.60	31	24197	23301	23090	22883	22471	22059	21605	20878	19377	17765	15725				
		714	5.02	30	30512	29274	28964	28655	28028	27360	26666	25424	23169	19687					
SB-3H42-50	5	762	6.01	33	32563	31403	31113	30823	30243	29634	29008	27942	25934	23434					
		893	5.01	37	27010	26207	26007	25816	25447	25078	24709	24107	22961	21608	20168	16141			
		951	6.00	43	28764	28010	27822	27634	27286	26939	26592	26072	25063	23863	22589	19606			

Performance certified is for Model SB for installation type A: free inlet, free outlet. Power rating (Bhp) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). \*Speed (RPM) shown is nominal. Performance is based on actual speed of test. The sound ratings shown are loudness values in fan sones at 5 ft (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values are for installation type A: free inlet hemispherical sone levels. \*Sones shown apply to the highest cataloged CFM in black type at each fan RPM. For selections at other CFM and static pressure points, refer to CAPS, the Computer Aided Product Selection Program.

# SB-48 Belt Drive



Model Number	Motor HP	Fan RPM	Max BHP	*Sones	CFM / Static Pressure in Inches WG													
					0.00	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75	1.00		
<b>Level 1 Performance</b>		<b>Max RPM</b>	<b>L - 355</b>	<b>H - 429</b>	<b>Max Motor Frame Size - 145T</b>						<b>TS = RPM x 12.566</b>							
SB-1L48-5	1/2	231	0.31	8.6	14885													CFM values shown in black are the most efficient selections. Values shown in gray are not recommended.
		266	0.50	9.7	17140	12381												
SB-1H48-5	1/2	282	0.60	10.5	18171	14077	11902											
		278	0.33	9.6	14144	9240												
SB-1L48-7	3/4	320	0.50	11.3	16281	12822	11273	8844										
		341	0.61	12.3	17349	14214	13047	11371										
SB-1H48-7	3/4	305	0.76	11.8	19653	16196	14706	12401										
		324	0.91	13.0	20877	17700	16601	14948										
SB-1L48-10	1	368	0.76	13.6	18723	15953	15022	13860										
		393	0.93	15.5	19995	17450	16655	15783	13052									
SB-1H48-10	1	335	1.00	13.7	21586	18559	17626	16200										
		355	1.20	15.4	22875	20096	19220	18193	14778									
SB-1H48-10	1	408	1.04	16.4	20758	18314	17617	16777	14587									
		429	1.21	1.3	21827	19513	18907	18147	16322	13506								
<b>Level 2 Performance</b>		<b>Max RPM</b>	<b>L - 608</b>	<b>H - 734</b>	<b>Max Motor Frame Size - 184T</b>						<b>TS = RPM x 12.566</b>							
SB-2L48-10	1	335	1.00	13.7	21586	18559	17626	16200										
		355	1.20	15.4	22875	20096	19220	18193	14778									
SB-2H48-10	1	408	1.04	16.4	20758	18314	17617	16777	14587									
		429	1.21	19.3	21827	19513	18907	18147	16322	13506								
SB-2L48-15	1½	384	1.51	17.9	24744	22197	21482	20668	18419									
		407	1.80	18.9	26226	23841	23203	22474	20720	17923								
SB-2H48-15	1½	462	1.51	21	23506	21374	20811	20248	18770	16860	13759							
		491	1.81	22	24981	22990	22460	21930	20671	19129	16981							
SB-2L48-20	2	422	2.00	19.6	27192	24904	24289	23637	22154	19746								
		448	2.40	21	28868	26733	26154	25575	24229	22469	19898							
SB-2H48-20	2	509	2.02	23	25897	23985	23474	22963	21831	20485	18700	14388						
		540	2.41	24	27474	25681	25206	24724	23761	22529	21119	18065						
SB-2L48-30	3	483	3.03	23	31123	29170	28633	28096	26963	25668	23839	19730						
		513	3.60	28	33056	31241	30735	30230	29218	28043	26799	23721						
SB-2H48-30	3	582	3.01	27	29611	27947	27527	27081	26187	25232	24055	21925						
		618	3.61	29	31442	29875	29484	29078	28236	27395	26391	24703	20285					
SB-2L48-50	5	572	5.02	33	36858	35237	34822	34368	33461	32554	31504	29811	24906					
		608	5.99	36	39177	37652	37271	36864	36010	35157	34288	32745	29209					
SB-2H48-50	5	688	4.99	34	35004	33596	33244	32893	32158	31402	30646	29317	26560	22373				
		734	6.05	39	37344	36025	35695	35365	34700	33991	33283	32220	29911	26937	22215			
<b>Level 3 Performance</b>		<b>Max RPM</b>	<b>L - 686</b>	<b>H - 862</b>	<b>Max Motor Frame Size - 215T</b>						<b>TS = RPM x 12.566</b>							
SB-3L48-30	3	415	1.99	18.0	27276	24912	24215	23465	21703	19225								
		477	3.03	23	31351	29261	28772	28223	26914	25381	23672							
SB-3H48-30	3	506	3.61	25	33257	31277	30810	30350	29181	27830	26385	23228						
		519	1.98	24	23494	22018	21590	21159	20227	19128	18054	16079						
SB-3L48-50	5	597	3.01	30	27025	25742	25421	25066	24316	23547	22590	21178	18405					
		634	3.62	33	28700	27492	27190	26888	26184	25479	24681	23333	20969	17480				
SB-3H48-50	5	565	5.02	30	37135	35361	34918	34499	33657	32570	31377	29437	24082					
		600	6.02	33	39435	37765	37347	36934	36157	35241	34217	32427	28734					
SB-3L48-75	7½	707	5.01	41	32004	30921	30650	30379	29816	29183	28550	27492	25489	23319	20320			
		754	6.01	44	34132	33116	32862	32608	32100	31530	30937	30047	28205	26350	24136			
SB-3H48-75	7½	646	7.51	38	42459	40907	40520	40132	39389	38667	37749	36264	33435	28965				
		686	9.00	44	45088	43627	43262	42896	42175	41495	40773	39429	36866	33882				
SB-3H48-75	7½	809	7.51	48	36622	35675	35438	35202	34728	34249	33696	32866	31331	29575	27852	22774		
		862	9.01	54	39021	38132	37910	37688	37244	36800	36324	35546	34248	32623	30989	27270		

Performance certified is for Model SB for installation type A: free inlet, free outlet. Power rating (Bhp) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). \*Speed (RPM) shown is nominal. Performance is based on actual speed of test. The sound ratings shown are loudness values in fan sones at 5 ft (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values are for installation type A: free inlet hemispherical sone levels. \*Sones shown apply to the highest cataloged CFM in black type at each fan RPM. For selections at other CFM and static pressure points, refer to CAPS, the Computer Aided Product Selection Program.

# SB-54 Belt Drive



Model Number	Motor HP	Fan RPM	Max BHP	*Sones	CFM / Static Pressure in Inches WG													
					0.00	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75	1.00		
<b>Level 1 Performance</b>		<b>Max RPM</b>	<b>L - 343</b>	<b>H - 377</b>	<b>Max Motor Frame Size - 145T</b>						<b>TS = RPM x 13.135</b>							
SB-1L54-7	3/4	224	0.51	10.7	19676	12031											CFM values shown in black are the most efficient selections. Values shown in gray are not recommended.	
		257	0.77	12.0	22575	17498	14789											
		272	0.92	12.7	23892	19346	17418	14251										
SB-1H54-7	3/4	244	0.49	10.6	18660	13392												
		281	0.75	12.2	21490	17541	16040											
SB-1L54-10	1	283	1.03	13.3	24859	20604	19008	16462										
		300	1.21	14.1	26352	22515	21155	19430										
SB-1H54-10	1	310	1.01	14.0	23708	20252	19215	17828										
		329	1.21	15.6	25161	21986	21010	20033										
SB-1L54-15	1½	325	1.56	16.5	28548	25088	24008	22726	18692									
		343	1.83	17.3	30129	26851	26014	24825	21850	16537								
SB-1H54-15	1½	355	1.52	17.4	27149	24310	23414	22509	20237									
		377	1.82	19.0	28832	26243	25408	24557	22802	19924								
<b>Level 2 Performance</b>		<b>Max RPM</b>	<b>L - 508</b>	<b>H - 562</b>	<b>Max Motor Frame Size - 184T</b>						<b>TS = RPM x 13.135</b>							
SB-2L54-15	1½	325	1.56	16.5	28548	25088	24008	22726	18692									
		343	1.81	17.3	30129	26851	26014	24825	21850									
SB-2H54-15	1½	355	1.52	17.4	27149	24310	23414	22509	20237									
		377	1.82	19.0	28832	26243	25408	24557	22802	19924								
SB-2L54-20	2	356	2.00	18.0	31271	28113	27322	26297	23790									
		380	2.46	19.6	33379	30420	29680	28940	26821	23826								
SB-2H54-20	2	390	2.01	20	29826	27374	26567	25750	24103	21767								
		414	2.41	22	31662	29444	28684	27924	26374	24628	21971							
SB-2L54-30	3	408	3.07	22	35839	33083	32394	31704	30019	27876	24657							
		433	3.61	26	38035	35439	34789	34139	32810	30926	28749							
SB-2H54-30	3	446	3.01	26	34109	32145	31468	30762	29338	27897	26104							
		474	3.61	30	36250	34402	33873	33209	31882	30526	29170	26145						
SB-2L54-50	5	478	4.87	35	41988	39636	39048	38459	37283	36006	34299	31347						
		508	5.97	44	44623	42410	41857	41303	40196	39088	37699	35194	28363					
SB-2H54-50	5	528	4.99	35	40380	38721	38307	37854	36662	35469	34252	32427	27435					
		562	6.03	40	42980	41422	41032	40643	39618	38498	37370	35655	32079					
<b>Level 3 Performance</b>		<b>Max RPM</b>	<b>L - 619</b>	<b>H - 779</b>	<b>Max Motor Frame Size - 254T</b>						<b>TS = RPM x 13.135</b>							
SB-3L54-30	3	339	1.97	20	29862	26277	25025	23452	19663									
		390	3.01	25	34354	31312	30531	29462	26898	24533	21251							
		415	3.61	27	36557	33708	32974	32162	30005	27535	24061							
SB-3H54-30	3	430	2.03	27	27612	25569	25157	24640	23580	22036	20032							
		491	3.00	33	31529	29634	29274	28913	28053	27125	25868	23501						
SB-3L54-50	5	526	3.62	38	33776	31946	31609	31272	30565	29698	28831	26933						
		463	5.01	40	40785	38252	37593	36935	35395	33426	31153	26792						
SB-3H54-50	5	492	6.02	44	43339	40968	40348	39728	38489	36778	34740	31783	26116					
		584	5.01	48	37501	35765	35447	35144	34537	33881	33101	31897	28836					
SB-3L54-75	7½	618	6.02	52	39684	38044	37683	37396	36823	36250	35558	34451	32025	28547				
		530	7.51	46	46687	44501	43926	43351	42200	40903	39302	36323	30423					
SB-3H54-75	7½	563	9.03	49	49594	47550	47008	46467	45384	44301	42910	40440	36084	30683				
		666	7.38	57	42766	41244	40864	40558	40026	39494	38962	37956	36129	33526				
SB-3L54-100	10	710	9.02	63	45591	44164	43807	43450	42943	42444	41945	41121	39515	37449	34796			
		584	10.04	51	51443	49482	48960	48438	47394	46350	45173	42994	38597	33058				
SB-3H54-100	10	619	12.00	56	54526	52685	52198	51706	50721	49736	48751	46840	42826	39077	33870			
		738	10.01	68	47389	46016	45673	45329	44791	44311	43831	43111	41571	39835	37550			
		779	12.00	75	50022	48721	48396	48070	47487	47032	46578	45895	44548	43085	41129	35732		

Performance certified is for Model SB for installation type A: free inlet, free outlet. Power rating (Bhp) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). \*Speed (RPM) shown is nominal. Performance is based on actual speed of test. The sound ratings shown are loudness values in fan sones at 5 ft (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values are for installation type A: free inlet hemispherical sone levels. \*Sones shown apply to the highest cataloged CFM in black type at each fan RPM. For selections at other CFM and static pressure points, refer to CAPS, the Computer Aided Product Selection Program.

# SB-60 Belt Drive



Model Number	Motor HP	Fan RPM	Max BHP	*Sones	CFM / Static Pressure in Inches WG												
					0.00	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75	1.00	
<b>Level 2 Performance</b>		<b>Max RPM</b>	<b>L - 399</b>	<b>H - 521</b>	<b>Max Motor Frame Size - 215T</b>						<b>TS = RPM x 15.691</b>						
SB-2L60-15	1 1/2	219	0.99	11.8	29223												CFM values shown in black are the most efficient selections. Values shown in gray are not recommended.
		252	1.52	14.9	33627	26297											
		267	1.80	16.7	35628	28888	26731										
SB-2H60-15	1 1/2	285	0.98	19.3	25029	21665	20507	19031									
		328	1.50	23	28805	25931	25163	24307	21827								
		348	1.81	25	30561	27858	27152	26428	24458	21479							
SB-2L60-20	2	277	2.01	17.9	36963	30532	28569										
		294	2.41	20	39231	33280	31524	29592									
SB-2H60-20	2	361	2.01	26	31703	29065	28432	27734	25998	23625							
		383	2.41	28	33635	31095	30577	29920	28558	26588	23870						
SB-2L60-30	3	317	3.02	23	42300	36880	35324	33661									
		337	3.63	25	44969	39902	38533	37026	33664								
SB-2H60-30	3	415	3.01	31	36445	34024	33548	33054	31839	30400	28519						
		438	3.60	34	38465	36115	35664	35214	34128	32978	31354	28368					
SB-2L60-50	5	375	5.00	28	50040	45536	44345	43137	40410	37274							
		399	6.02	31	53242	49009	47929	46800	44361	41676	38401						
SB-2H60-50	5	489	5.00	42	42944	40718	40314	39911	39104	38087	37057	34972	29773				
		521	6.01	47	45754	43590	43208	42830	42072	41233	40266	38708	34835				
<b>Level 3 Performance</b>		<b>Max RPM</b>	<b>L - 503</b>	<b>H - 659</b>	<b>Max Motor Frame Size - 256T</b>						<b>TS = RPM x 15.691</b>						
SB-3L60-50	5	317	3.02	23	42300	36880	35324	33661									
		375	5.00	28	50040	45536	44345	43137	40410	37274							
		399	6.02	31	53242	49009	47929	46800	44361	41676	38401						
SB-3H60-50	5	415	3.01	31	36445	34024	33548	33054	31839	30400	28519						
		489	5.00	42	42944	40718	40314	39911	39104	38087	37057	34972	29773				
		521	6.01	47	45754	43590	43208	42830	42072	41233	40266	38708	34835				
SB-3L60-75	7 1/2	430	7.54	41	57379	53451	52469	51451	49333	46970	44412						
		457	9.05	56	60982	57286	56362	55438	53476	51359	49101	45184					
SB-3H60-75	7 1/2	559	7.51	51	49091	47075	46626	46274	45568	44862	44021	42669	39714	35627			
		595	9.00	56	52253	50358	49884	49518	48855	48192	47529	46261	43933	40629	35715		
SB-3L60-100	10	473	10.04	67	63117	59546	58653	57760	55891	53922	51775	48286					
		503	12.10	72	67120	63762	62923	62083	60374	58582	56644	53530					
SB-3H60-100	10	615	10.00	60	54009	52176	51718	51314	50673	50031	49389	48236	46188	43214	39510		
		659	12.00	70	57873	56163	55735	55307	54653	54054	53455	52537	50625	48395	45470		

# SB- 72 Belt Drive

Level 3 Performance	Max RPM	L - 492	H - 559	Max Motor Frame Size - 256T						TS = RPM x 18.802							
SB-3L72-30	3	236	2.00	17.5	41661	36581	34402	32305									CFM values shown in black are the most efficient selections. Values shown in gray are not recommended.
		271	3.02	20	47840	43440	42315	40635	36937								
		288	3.61	22	50841	46713	45654	44576	40999								
SB-3H72-30	3	266	2.00	24	40185	35934	34790	33352	29513								
		306	3.01	28	46228	42491	41629	40634	38280	35026							
		324	3.61	30	48947	45342	44616	43707	41829	39122	35680						
SB-3L72-50	5	321	5.05	26	56667	52986	52036	51086	48805	45604	42580						
		341	6.01	29	60197	56743	55852	54958	53170	50373	47427						
SB-3H72-50	5	362	5.04	35	54688	51305	50655	50006	48405	46723	44302	39813					
		387	6.03	39	58465	55195	54588	53980	52646	51074	49325	45737					
SB-3L72-75	7 1/2	367	7.52	33	64787	61577	60768	59938	58276	56442	53627	49588					
		391	9.03	38	69024	66011	65258	64489	62930	61371	59275	55346					
SB-3H72-75	7 1/2	414	7.52	43	62543	59374	58806	58238	57102	55698	54228	51410	44663				
		442	9.01	50	66773	63726	63155	62623	61559	60428	59051	56986	51688				
SB-3L72-100	10	405	10.01	41	71495	68587	67859	67128	65622	64117	62514	58687					
		430	12.10	45	75909	73169	72484	71799	70395	68977	67559	64603	58769				
SB-3H72-100	10	456	10.02	51	68888	65934	65321	64806	63775	62743	61437	59435	54874	47671			
		486	12.00	57	73421	70649	69956	69464	68496	67529	66500	64622	60962	55889			
SB-3L72-150	15	463	15.10	52	81734	79190	78554	77918	76637	75320	74003	72027	66649	61379			
		492	18.00	57	86854	84459	83861	83262	82065	80838	79599	77740	73537	68410			
SB-3H72-150	15	522	15.00	64	78859	76279	75633	75025	74124	73223	72322	70752	67837	63842	58785		
		559	18.10	75	84449	82039	81436	80834	79872	79030	78189	76927	74244	71276	67313		

Performance certified is for Model SB for installation type A: free inlet, free outlet. Power rating (Bhp) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). \*Speed (RPM) shown is nominal. Performance is based on actual speed of test. The sound ratings shown are loudness values in fan sones at 5 ft (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values are for installation type A: free inlet hemispherical sone levels. \*Sones shown apply to the highest cataloged CFM in black type at each fan RPM. For selections at other CFM and static pressure points, refer to CAPS, the Computer Aided Product Selection Program.

# SBC-24-30 Belt Drive

## Cast Aluminum



Model Number	Motor HP	Fan RPM	Max BHP	*Sones	CFM / Static Pressure in Inches WG												
					0.00	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75	1.00	
<b>24 Performance</b>		<b>Max RPM</b>	<b>L - 1194</b>	<b>H - 1396</b>	<b>Max Motor Frame Size - 145T</b>							<b>TS = RPM x 6.283</b>					
SBC-3L24-3	1/3	707	0.25	11.7	4871	4203	3934	3666	3046								CFM values shown in black are the most efficient selections. Values shown in gray are not recommended.
		777	0.33	13.3	5353	4759	4578	4333	3826	3181							
		828	0.40	14.6	5704	5156	5000	4804	4346	3836							
SBC-3H24-3	1/3	829	0.25	13.1	4726	4160	4012	3859	3528	3131	2459	998					
		911	0.33	15.2	5193	4686	4549	4414	4128	3824	3457	1842	771				
SBC-3L24-5	1/2	968	0.40	16.7	5518	5046	4917	4788	4531	4251	3945	3338	1239				
		892	0.50	16.3	6145	5646	5503	5358	4955	4525	4034						
SBC-3H24-5	1/2	948	0.60	18.0	6531	6070	5936	5800	5474	5073	4647	3825					
		1043	0.50	18.7	5946	5515	5394	5274	5038	4790	4529	4086	1820	1066			
SBC-3L24-7	3/4	1108	0.60	20	6317	5917	5803	5690	5466	5244	5001	4621	3734	1589	878		
		1021	0.75	20	7034	6617	6493	6368	6116	5761	5390	4774					
SBC-3H24-7	3/4	1085	0.90	21	7475	7092	6975	6858	6622	6349	5999	5463					
		1194	0.75	22	6807	6438	6339	6233	6023	5817	5609	5268	4627	3509	1584		
SBC-3L24-10	1	1268	0.90	23	7229	6881	6794	6696	6498	6301	6107	5800	5243	4536	2159	917	
		1124	1.00	22	7743	7380	7267	7154	6927	6698	6362	5856	4888				
SBC-3H24-10	1	1194	1.20	24	8225	7892	7788	7682	7469	7253	7004	6527	5677				
		1314	1.00	24	7491	7156	7072	6981	6790	6599	6412	6124	5603	4981	3940	1304	
		1396	1.20	26	7958	7643	7564	7485	7306	7126	6948	6684	6208	5685	5051	1966	
<b>30 Performance</b>		<b>Max RPM</b>	<b>L - 1262</b>	<b>H - 1616</b>	<b>Max Motor Frame Size - 184T</b>							<b>TS = RPM x 7.854</b>					
SBC-3L30-5	1/2	569	0.33	13.0	7847	6270	5795	5113									
		654	0.50	15.2	9019	7723	7321	6931	5825								
		695	0.60	16.6	9585	8388	8025	7647	6798								
SBC-3H30-5	1/2	728	0.33	14.5	7043	6131	5893	5647	5111	4342	3084						
		837	0.50	17.6	8097	7305	7109	6902	6478	6018	5432	4155					
SBC-3L30-7	3/4	890	0.60	19.1	8610	7863	7681	7492	7098	6696	6238	5288					
		749	0.75	18.5	10329	9246	8927	8580	7894	6971							
SBC-3H30-7	3/4	795	0.90	20	10964	9966	9665	9359	8700	7988	6979						
		958	0.75	21	9268	8571	8402	8233	7875	7504	7125	6434	4568				
SBC-3L30-10	1	1018	0.90	23	9848	9190	9031	8872	8544	8201	7850	7277	5927				
		824	1.00	21	11364	10408	10126	9836	9204	8587	7726						
SBC-3H30-10	1	875	1.20	23	12067	11169	10927	10653	10081	9486	8839	7440					
		1055	1.00	24	10206	9569	9416	9263	8951	8623	8286	7759	6591	4668			
SBC-3L30-15	1 1/2	1121	1.20	26	10845	10242	10098	9954	9665	9362	9051	8572	7667	6305			
		943	1.50	25	13005	12173	11962	11727	11220	10666	10120	9119					
SBC-3H30-15	1 1/2	1002	1.80	28	13818	13038	12839	12640	12168	11672	11148	10388					
		1207	1.50	30	11677	11117	10980	10846	10578	10308	10022	9584	8814	7822	6497		
SBC-3L30-20	2	1283	1.80	34	12412	11886	11754	11627	11375	11122	10863	10458	9762	8982	7921		
		1038	2.00	29	14315	13562	13370	13178	12740	12277	11771	11028	9312				
SBC-3H30-20	2	1103	2.40	32	15211	14504	14324	14143	13762	13329	12877	12162	10837				
		1329	2.00	35	12857	12349	12222	12097	11853	11610	11366	10976	10309	9588	8680	5623	
SBC-3L30-30	3	1412	2.40	39	13660	13182	13062	12943	12712	12483	12254	11898	11279	10645	9926	7863	
		1188	3.00	36	16383	15727	15562	15394	15059	14678	14275	13631	12547	11117			
SBC-3H30-30	3	1262	3.60	40	17404	16786	16632	16475	16159	15835	15456	14881	13842	12738	11164		
		1521	3.00	43	14715	14271	14160	14049	13829	13617	13404	13085	12521	11939	11347	9800	
		1616	3.60	47	15634	15216	15111	15007	14798	14596	14396	14096	13579	13041	12487	11270	

Performance certified is for Model SBC for installation type A: free inlet, free outlet. Power rating (Bhp) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). \*Speed (RPM) shown is nominal. Performance is based on actual speed of test. The sound ratings shown are loudness values in fan sones at 5 ft (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values are for installation type A: free inlet hemispherical sone levels. \*Sones shown apply to the highest cataloged CFM in black type at each fan RPM. For selections at other CFM and static pressure points, refer to CAPS, the Computer Aided Product Selection Program.







# SBC-60-72 Belt Drive

## Cast Aluminum



Model Number	Motor HP	Fan RPM	Max BHP	*Sones	CFM / Static Pressure in Inches WG													
					0.00	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75	1.00		
<b>60 Performance</b>		<b>Max RPM</b>	<b>L - 620</b>	<b>H - 775</b>	<b>Max Motor Frame Size - 254T</b>						<b>TS = RPM x 15.691</b>							
SBC-3L60-20	2	310	1.51	16.6	30908	25347	22293	19082										CFM values shown in black are the most efficient selections. Values shown in gray are not recommended.
		341	2.01	19.4	33999	29312	27467	24664										
		363	2.42	22	36192	31785	30693	28420	23150									
SBC-3H60-20	2	389	1.52	21	29943	25920	24798	23553	20680	15870								
		427	2.01	24	32868	29286	28268	27248	24967	22058	17552							
		453	2.40	27	34870	31476	30591	29632	27574	25189	22147							
SBC-3L60-30	3	390	3.00	25	38884	34776	33760	32638	27839									
		415	3.62	28	41377	37510	36555	35601	32117	27497								
SBC-3H60-30	3	488	3.00	30	37564	34371	33650	32779	30979	28994	26657	21643						
		519	3.61	32	39950	36909	36232	35520	33845	32059	30140	26478						
SBC-3L60-50	5	463	5.02	32	46162	42688	41830	40975	39264	35742	31582							
		492	6.02	36	49054	45784	44971	44165	42555	40364	36566	30638						
SBC-3H60-50	5	579	5.01	38	44569	41770	41163	40556	39227	37725	36138	33558	27786					
		615	6.01	42	47340	44661	44089	43517	42374	40977	39563	37234	32691	25081				
SBC-3L60-75	7½	530	7.53	41	52842	49807	49049	48296	46801	45306	42821	37434						
		563	9.03	46	56133	53276	52561	51847	50438	49031	47623	43088	34085					
SBC-3H60-75	7½	663	7.53	48	51034	48490	47960	47430	46369	45239	43927	41918	38131	33224				
		704	9.01	54	54190	51775	51244	50745	49746	48747	47588	45736	42385	38434	33206			
SBC-3L60-100	10	583	10.02	50	58127	55368	54678	53988	52623	51264	49905	46376	38202					
		620	12.10	56	61816	59221	58573	57924	56632	55354	54076	52119	44587					
SBC-3H60-100	10	729	10.01	57	56115	53782	53238	52756	51791	50827	49796	48006	44851	41263	36767			
		775	12.02	63	59656	57462	56913	56439	55532	54624	53717	52131	49309	46183	42537	31181		
<b>72 Performance</b>		<b>Max RPM</b>	<b>L - 578</b>	<b>H - 795</b>	<b>Max Motor Frame Size - 256T</b>						<b>TS = RPM x 18.802</b>							
SBC-3L72-30	3	278	2.00	19.3	41857	28605	23878	19635										
		319	3.03	24	48030	37936	33936	29771										
		338	3.60	27	50891	41519	38276	34437	26696									
SBC-3H72-30	3	381	1.99	28	40824	35815	34566	33074	29443	24659								
		438	3.02	34	46931	42584	41485	40398	37929	34824	31069	23783						
		465	3.61	37	49824	45755	44693	43669	41527	39012	35800	29847						
SBC-3L72-50	5	378	5.04	33	56913	48882	46438	43660	36768	29874								
		401	6.01	37	60376	53221	50620	48457	42331	35746	29279							
SBC-3H72-50	5	519	5.02	46	55610	52015	51052	50092	48258	46311	44091	39883	30522					
		551	6.00	52	59039	55683	54777	53870	52112	50384	48405	44927	37456					
SBC-3L72-75	7½	432	7.52	41	65043	58947	56432	54138	49416	43402	37327							
		459	9.02	45	69109	63324	61492	59114	55204	49816	44056	35555						
SBC-3H72-75	7½	594	7.56	58	63646	60574	59733	58892	57219	55616	54013	51160	45205	37157				
		631	9.01	65	67611	64754	63963	63171	61587	60049	58540	56106	51062	44626	36346			
SBC-3L72-100	10	476	10.06	48	71668	66060	64634	62341	58348	53680	48216	39954						
		505	12.01	54	76035	70697	69477	67767	63628	60117	55073	47224						
SBC-3H72-100	10	653	10.00	69	69968	67229	66464	65699	64169	62660	61202	59001	54465	48597	41207			
		694	12.00	77	74361	71806	71103	70384	68944	67504	66111	64053	60168	55291	49391			
SBC-3L72-150	15	544	15.01	63	81907	76884	75751	74618	70920	67400	63833	56750	44689					
		578	18.00	72	87026	82239	81173	80107	77299	73547	70545	64621	53266	42050				
SBC-3H72-150	15	748	15.01	90	80147	77777	77176	76508	75172	73836	72500	70580	67340	63488	58637	46264		
		795	18.04	104	85183	82953	82395	81804	80547	79290	78033	76179	73186	69826	65974	55871		

Performance certified is for Model SBC for installation type A: free inlet, free outlet. Power rating (Bhp) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). \*Speed (RPM) shown is nominal. Performance is based on actual speed of test. The sound ratings shown are loudness values in fan sones at 5 ft (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values are for installation type A: free inlet hemispherical sone levels. \*Sones shown apply to the highest cataloged CFM in black type at each fan RPM. For selections at other CFM and static pressure points, refer to CAPS, the Computer Aided Product Selection Program.

# SBCR-24-72 Belt Drive

## Reversible - Cast Aluminum



Model Number	Motor HP	Fan RPM	Max BHP	Sones	CFM / Static Pressure in Inches WG												
					0.00	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75	
<b>24 Performance</b>					Max RPM = 1623				Max Motor Frame Size = 145T				TS = RPM x 6.283				
SBCR-24-4	1/4	841	0.24	14.2	4792	4447	4061	3827	3413								
SBCR-24-4		893	0.28	15.0	5088	4766	4411	4216	3961								
SBCR-24-3	1/3	983	0.39	16.6	5601	5312	5001	4829	4651	4127							
SBCR-24-5	1/2	1126	0.59	19.4	6416	6165	5898	5763	5618	5308	4892	3875					
SBCR-24-7	3/4	1288	0.89	23	7339	7119	6893	6774	6656	6406	6135	5807	4756				
SBCR-24-10	1	1418	1.13	27	8080	7880	7680	7572	7465	7249	7015	6769	6313				
SBCR-24-15	1½	1623	1.77	35	9248	9074	8899	8812	8719	8531	8343	8148	7825	7171	5560		
<b>30 Performance</b>					Max RPM = 1506				Max Motor Frame Size = 184T				TS = RPM x 7.854				
SBCR-30-3	1/3	681	0.33	15.2	7420	6809	6030	5422									
SBCR-30-3		724	0.40	16.1	7889	7323	6622	6141	5545								
SBCR-30-5	1/2	829	0.60	18.8	9033	8553	8000	7667	7305	6276							
SBCR-30-7	3/4	949	0.90	23	10341	9921	9461	9217	8944	8304	7416						
SBCR-30-10	1	1045	1.20	27	11387	11006	10606	10385	10163	9650	9027	8221					
SBCR-30-15	1½	1196	1.78	32	13032	12699	12367	12185	11992	11604	11160	10680	9682				
SBCR-30-20	2	1316	2.39	37	14339	14037	13735	13584	13417	13065	12713	12303	11634	10018			
SBCR-30-30	3	1506	3.58	47	16410	16146	15881	15749	15617	15332	15025	14717	14215	13217	11824		
<b>36 Performance</b>					Max RPM = 1420				Max Motor Frame Size = 184T				TS = RPM x 9.424				
SBCR-36-5	1/2	620	0.49	16.7	10384	9580	8639	8115	7177								
SBCR-36-5		659	0.57	18.1	11037	10299	9409	8967	8440								
SBCR-36-7	3/4	755	0.85	22	12645	12019	11258	10874	10495	9613							
SBCR-36-10	1	830	1.13	26	13901	13332	12675	12316	11969	11265	10429						
SBCR-36-15	1½	951	1.79	30	15927	15431	14915	14602	14289	13677	13074	12361	10104				
SBCR-36-20	2	1046	2.26	35	17519	17067	16615	16359	16074	15505	14955	14407	13436				
SBCR-36-30	3	1198	3.40	44	20064	19670	19276	19079	18875	18378	17881	17396	16678	15294			
SBCR-36-50	5	1420	5.75	64	23782	23450	23117	22951	22784	22452	22043	21624	20995	19985	18886	17393	
<b>42 Performance</b>					Max RPM = 1212				Max Motor Frame Size = 215T				TS = RPM x 10.995				
SBCR-42-5	1/2	530	0.50	17.2	12939	11634	9951	8604									
SBCR-42-5		563	0.60	18.6	13744	12530	11087	10017									
SBCR-42-7	3/4	644	0.90	23	15722	14691	13502	12884	12009								
SBCR-42-10	1	709	1.19	26	17308	16398	15341	14780	14218	12542							
SBCR-42-15	1½	812	1.80	32	19823	19030	18145	17684	17200	16213	14810	12626					
SBCR-42-20	2	893	2.46	37	21800	21079	20306	19887	19467	18585	17625	16359	12952				
SBCR-42-30	3	1023	3.59	48	24974	24344	23715	23354	22988	22255	21484	20706	19154				
SBCR-42-50	5	1212	5.96	67	29588	29056	28525	28259	27983	27365	26747	26122	25137	23184	20457		
<b>48 Performance</b>					Max RPM = 1166				Max Motor Frame Size = 215T				TS = RPM x 12.566				
SBCR-48-7	3/4	509	0.74	21	18042	16152	13446	11755									
SBCR-48-7		541	0.89	22	19176	17432	15068	13528	11927								
SBCR-48-10	1	596	1.23	26	21126	19601	17641	16402	15002	11943							
SBCR-48-15	1½	682	1.82	32	24174	22893	21309	20403	19418	16986	14441						
SBCR-48-20	2	750	2.42	37	26584	25419	24052	23305	22476	20552	18308	15990					
SBCR-48-30	3	859	3.58	45	30448	29431	28350	27706	27062	25649	24004	22085	19067				
SBCR-48-50	5	1018	5.97	62	36083	35225	34367	33934	33390	32303	31152	29930	27688	23511			
SBCR-48-75	7½	1166	9.20	83	41329	40580	39831	39457	39082	38184	37235	36278	34678	31491	27851	24113	
<b>54 Performance</b>					Max RPM = 920				Max Motor Frame Size = 254T				TS = RPM x 14.135				
SBCR-54-15	1½	460	1.43	22	23743	22064	20143	18932	17613								
SBCR-54-15		489	1.78	24	25240	23683	21901	20962	19670	17383							
SBCR-54-20	2	538	2.38	27	27769	26390	24802	23961	23108	20807	18809						
SBCR-54-30	3	616	3.51	34	31795	30593	29260	28567	27848	26350	24285	22504					
SBCR-54-50	5	730	5.72	44	37679	36665	35622	35037	34451	33270	32012	30560	28033				
SBCR-54-75	7½	836	8.97	56	43151	42265	41379	40921	40409	39387	38365	37273	35559	31893	27638		
SBCR-54-100	10	920	11.90	69	47486	46681	45876	45474	45058	44129	43200	42271	40785	37864	34642	31024	
<b>60 Performance</b>					Max RPM = 811				Max Motor Frame Size = 256T				TS = RPM x 15.691				
SBCR-60-20	2	446	1.97	25	29819	27584	25099	23718	22220	18365							
SBCR-60-20		474	2.39	27	31691	29584	27337	26059	24741	21272							
SBCR-60-30	3	543	3.56	34	36304	34455	32649	31594	30479	28197	25170	22150					
SBCR-60-50	5	644	5.98	44	43057	41498	39960	39199	38438	36561	34662	32715	28612				
SBCR-60-75	7½	737	8.96	56	49275	47912	46554	45889	45224	43877	42233	40590	38048	32357			
SBCR-60-100	10	811	11.90	69	54222	52984	51746	51134	50530	49321	48049	46555	44314	40222	34832		
<b>72 Performance</b>					Max RPM = 771				Max Motor Frame Size = 256T				TS = RPM x 18.802				
SBCR-72-20	2	371	2.00	26	38286	34158	29734	27617	25593								
SBCR-72-20		394	2.55	28	40659	36985	32714	30490	28675	24224							
SBCR-72-30	3	451	3.75	35	46542	43988	39709	37916	35972	32605	28738						
SBCR-72-50	5	535	6.32	47	55210	53296	49520	48026	46562	43398	40355	37687	31512				
SBCR-72-75	7½	612	9.23	59	63156	61483	59068	57107	55633	53073	50315	47451	43930	33516			
SBCR-72-100	10	674	12.00	71	69554	68035	66516	64788	63007	60429	58104	55580	51763	46218			
SBCR-72-150	15	771	19.00	94	79564	78236	76908	76244	74957	71843	69602	67569	64378	58868	54239	48179	

Performance certified is for Model SBCR for installation type A: free inlet, free outlet. Power rating (Bhp) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). \*Speed (RPM) shown is nominal. Performance is based on actual speed of test. The sound ratings shown are loudness values in fan sones at 5 ft (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values are for installation type A: free inlet hemispherical sone levels.

## Belt Drive

Belt driven, axial type sidewall fans shall be provided as follows:

Propellers shall be constructed with fabricated steel, fabricated aluminum, or cast aluminum blades and hubs. Propellers shall be securely attached to fan shafts. All propellers shall be statically and dynamically balanced to AMCA standard 204-05.

Motors shall be permanently lubricated, heavy duty type, carefully matched to the fan load and furnished at the specified voltage, phase, and enclosure.

Ground and polished steel fan shafts shall be mounted in permanently lubricated, sealed ball bearing pillow blocks and coated with an anti-corrosive coating. Bearings shall be selected for a minimum ( $L_{10}$ ) life in excess of 100,000 hours ( $L_{50}$  average life of 500,000 hours) at maximum cataloged operating speeds. Drives shall be sized for a minimum of 150 percent of driven horsepower. Pulleys shall be of the fully machined cast iron type, keyed and securely attached to wheel and motor shafts. Motor sheaves shall be adjustable for system balancing.

Drive frame and panel assemblies shall be galvanized steel or painted steel. Drive frames shall be formed channels and fan panels shall have prepunched mounting holes, formed flanges, and a deep formed inlet venturi. Drive frames and panels shall be bolted construction or welded construction (level 3 fans only).

The axial exhaust or supply fans shall bear the AMCA Certified Ratings Seals for Sound and Air Performance.

Fans shall be Model SB and SBC as manufactured by Greenheck Fan Corporation, Schofield, Wisconsin, U.S.A.

## Reversible Belt Drive

Belt driven, axial type sidewall fans shall be provided as follows:

Propellers shall be constructed with cast aluminum blades and hubs. Propellers shall be securely attached to fan shafts. All propellers shall be statically and dynamically balanced to AMCA standard 204-05.

Motors shall be permanently lubricated, heavy duty type, carefully matched to the fan load and furnished at the specified voltage, phase, and enclosure.

Ground and polished steel fan shafts shall be mounted in permanently lubricated, sealed ball bearing pillow blocks, and coated with an anti-corrosive coating. Bearings shall be selected for a minimum ( $L_{10}$ ) life in excess of 100,000 hours ( $L_{50}$  average life of 500,000) at maximum cataloged operating speeds. Drives shall be sized for a minimum of 150 percent of driven horsepower. Pulleys shall be of the fully machined cast iron type, keyed and securely attached to wheel and motor shafts. Motor sheaves shall be adjustable for system balancing.

Drive frame and panel assemblies shall be galvanized steel or painted steel. Drive frames shall be formed channels and fan panels shall have prepunched mounting holes, formed flanges, and a deep formed double inlet venturi. Drive frames and panels shall be bolted construction or welded construction.

The axial exhaust or supply fans shall be tested in accordance AMCA Standard 301 in Sound and Air Performance.

Fans shall be Model SBCR as manufactured by Greenheck Fan Corporation, Schofield, Wisconsin, U.S.A.



# Direct Drive Specifications

## Direct Drive

Direct drive, axial type sidewall fans shall be provided as follows:

Propellers shall be constructed with fabricated steel, fabricated aluminum, or cast aluminum blades and hubs. A standard square key and set screw or tapered bushing shall lock the propeller to the motor shaft. All propellers shall be statically and dynamically balanced to AMCA Standard 204-05.

Motors shall be permanently lubricated, heavy duty type, carefully matched to the fan load and furnished at the specified RPM, voltage, phase, and enclosure.

Motor drive frame assemblies and fan panels shall be galvanized steel or painted steel. Drive frame assemblies shall be welded wire or formed channels and fan panels shall have prepunched mounting holes, formed flanges, and a deep formed inlet venturi. Drive frames and panels shall be bolted construction or welded construction (level 2 & 3 fans only).

The axial exhaust or supply fans shall bear the AMCA Certified Ratings Seals for Sound and Air Performance.

Fans shall be Model S1, S2 and SC3 as manufactured by Greenheck Fan Corporation, Schofield, Wisconsin, U.S.A.

## Reversible Direct Drive

Direct drive, axial type sidewall fans shall be provided as follows:

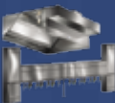
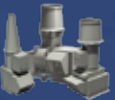
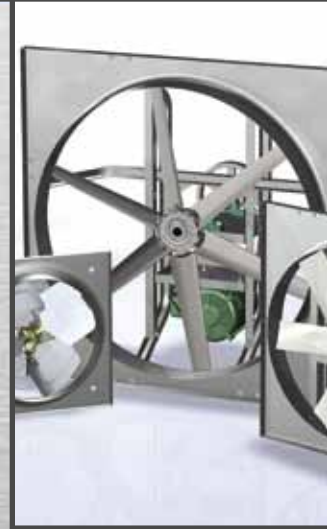
Propellers shall be constructed with cast aluminum blades and hubs. A standard square key and set screw or tapered bushing shall lock the propeller to the motor shaft. All propellers shall be statically and dynamically balanced.

Motors shall be permanently lubricated, heavy duty type, carefully matched to the fan load and furnished at the specified RPM, voltage, phase, and enclosure.

Motor drive frame assemblies and fan panels shall be galvanized steel or painted steel. Drive frame assemblies shall be welded wire or formed channels and fan panels shall have prepunched mounting holes, formed flanges, and a deep formed double inlet venturi. Drive frames and panels shall be bolted construction or welded construction.

The axial exhaust or supply fans shall be tested in accordance AMCA Standard 301 in Sound and Air Performance.

Fans shall be Model SCR3 as manufactured by Greenheck Fan Corporation, Schofield, Wisconsin, U.S.A.



## Our Warranty

Greenheck warrants this equipment to be free from defects in material and workmanship for a period of one year from the shipment date. Any units or parts which prove defective during the warranty period will be replaced at our option when returned to our factory, transportation prepaid. Motors are warranted by the motor manufacturer for a period of one year. Should motors furnished by Greenheck prove defective during this period, they should be returned to the nearest authorized motor service station. Greenheck will not be responsible for any removal or installation costs.

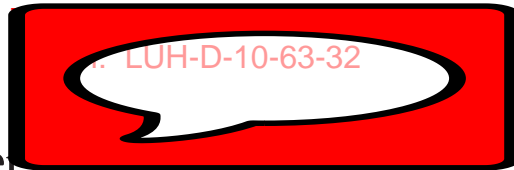
*As a result of our commitment to continuous improvement, Greenheck reserves the right to change specifications without notice.*



Prepared to Support  
Green Building Efforts



## LUH Horizontal Blower Heater



- 2.6 - 45 kW
- 8,900 - 153,000 Btuh
- 208, 240, 277, 480 and 600 Volt
- 1 or 3 Phase
- Wall or Ceiling Mounted Configurations

### Description

Type LUH self-contained heater provides quiet, reliable fan-forced heating in all types of commercial and industrial applications.

### Applications

- Shipping and Receiving Areas
- Pump Houses
- Power Generating Stations
- Aircraft Hangers
- Factories
- Warehouses
- Garages

### Construction

**Die Formed Cabinet** — Heavy 18 gauge steel, phosphate undercoated for corrosion resistance and finished in almond polyester powder coat.

**Louvers** — Individually adjustable louvers direct air flow up or down as needed.

**Fintube Heating Elements** have corrosion resistant steel fins that are furnace brazed to the tubular element to assure long life and superior heat transfer.

**Fan Motor** — Totally enclosed fan motor is rated for continuous duty with built-in thermal cutout and operates on same voltage as the heating circuit.

**Dynamically Balanced Fan** is attached with rubber vibration insulators for smooth, quiet operation. Blade pitch is carefully selected so that the volume of air moved results in the optimum discharge air temperature.

### Features

- **Sub-divided Circuits with Individual Fuse Protection** — Standard on all heaters with a total current draw of 48 Amps or greater. The fuse compartment is conveniently located for easy access.
- **Integral 120V Control Transformer** — Standard on 480V models, eliminates the need for an external control source (24V optional).
- **Heavy Duty Magnetic Contactors** are standard on all models.
- **Thermal Cutouts** open the control circuit and disconnect power to the heating elements if overheating occurs. **Automatic Reset** allows the control circuit to reclose and restore power when temperature returns to normal.
- **Field Convertible** — Combination 208/240V and 1 or 3 phase operation through 10 kW.
- **Mounting Configurations** — Recessed welded fasteners on top of the heater cabinet are internally threaded for suspension of unit with threaded rods. Ceiling and Universal Wall Swivel brackets are optional. The ceiling bracket lets you mount heater directly to ceiling or over-head member, simply and easily. The swivel mounting allows you to readily adjust the direction of warm air flow for maximum comfort up to 180 degrees.

### Optional Features (Factory Installed or Field Installation Kits)

- **Summer Fan Switch Kit** — Field installable for circulating warm stratified air. Available for all models.
- **Thermostat Kit** — Field installable on all models. Range 40°F - 100°F.
- **Power Disconnect Kit** — Field installable switch enables power to be disconnected while servicing heater. 40, 80 and 100 Amp models available. Mounts in the back of the heater.
- **Ceiling Bracket** (shown above)
- **Wall Mounting Bracket**

### Advantages

- Self Contained
- Versatile, Flexible and High Performance
- Easy Installation
- Minimum Maintenance
- Long Life
- Attractive Appearance

Because it has individually adjustable discharge louvers to direct air flow, and can be wall or ceiling (plus swivel) mounted, the LUH heater may be used in a variety of heating applications:

- Primary Heating
- Supplementary Heating
- Dual System Heating
- Spot Heating
- Entryway Air-Curtain Heating

Refer to  
WR-80, RTC, WR-90  
in the Controls section.

**Chromalox**®

## LUH

### Horizontal Blower Heater (cont'd.)

#### Dimensions (Inches)

(4) Welded fasteners<sup>2</sup> for threaded rod mounting to overhead steel.

6" Min. to Wall

Wall Line

Min. to Wall

6"

#### Wall Mounted Universal Bracket

(4) 13/32" dia. wall mounting holes.<sup>1</sup>

Stop for limiting rotation.

Swivel bolt permits heater to be rotated to face desired direction. Four bolts are provided for field attachment of swivel bracket to welded fasteners on top of unit.

Minimum mounting height is 7 feet from floor.

#### Wall Mounted Heaters

Heater	Dimensions (In.)					Wall Bracket	PCN	Stock	Wt. (Lbs.)
	P	Q	R	S	T				
LUH-02 to -05	1-3/4	21-1/2	6-3/4	5-1/2	14-15/16	WUH-01A	303474	S	3
LUH-07, 10, 12, 15	2	28-7/16	9-1/2	8-3/8	22-1/4	WUH-02	300484	S	7
LUH-20, 25	2	32	9-1/2	8-3/8	22-1/4	WUH-02	300484	S	7
LUH-30, 35, 40, 45	5-1/2	28-11/16	5	3-1/2	33-1/4	WUH-03	300492	S	10

#### Ceiling Mounted Heaters

Heater	Dimensions (In.)														Ceiling Bracket	PCN	Stock	Wt. (Lbs.)		
	A	B	C	D	E	F	G	H	I	J	K	M	N	U					V	W
LUH-02 to -05	16	13-1/8	8-7/8	11-5/8	10-3/4	9-3/4	5-1/2	3-13/16	4-1/2	4-15/16	6-5/8	6	4-7/16	4	4-1/2	10-1/2	WUH-04A	303466	NS	1
LUH-07, 10, 12, 15	20-1/2	17-1/4	11-1/2	16-3/8	14-3/8	12-3/8	8-1/4	4-1/2	6-1/4	7-7/16	8-5/8	8	6-1/4	6	7-1/4	16	WUH-05	300513	NS	2
LUH-20, 25	24	20-1/8	11-1/2	20-1/2	16-3/4	16	8-1/4	6	6-1/4	12	10-1/16	8	6-1/4	6	7-1/4	16	WUH-05	300513	NS	3
LUH-30, 35, 40, 45	24	20-1/8	17	26	16-3/4	16	8-1/4	6	11-3/4	12	10-1/16	13-3/4	9-5/16	6	7-1/4	21	WUH-06	300521	NS	3

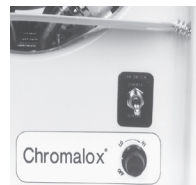
#### Ceiling Mounted

(1) 11/16" dia. swivel mounting hole.

**Notes** —

1. Wall mounting fasteners to be supplied by customer.
2. Threaded rod to be supplied by customer.

#### Optional Control Accessories & Remote Thermostats Fan Only Operation Kits



Summer Fan Switch

Thermostat Kit

**Note** — A fan only operation (optional) is available by means of a built-in switch or by external control.

Summer Fan Switch	2 - 15 kW		20 - 45 kW		Stock	Wt. (Lbs.)
	Model	PCN	Model	PCN		
Internal 208 - 277V	ISFS-02 <sup>2</sup>	305007	ISFS-02	305007	NS	0.25
External <sup>1</sup> with Relay (24V control)	ESFS-40	305015	ESFS-40A	305058	NS	0.5
External <sup>1</sup> with Relay (120V control)	ESFS-41	305023	ESFS-41A	305066	NS	0.5
External <sup>1</sup> with Relay (240V control)	ESFS-42	305031	ESFS-42A	305074	NS	0.5
External <sup>1</sup> with Relay (277V control)	ESFS-47	305040	—	—	NS	0.5

1. Kit includes wall plate (discard plate if switch is to be installed on heater).  
2. Do not use for 480V rated heaters. 480V heaters require fan relay option with proper control voltage relay coil.

#### Thermostat Kits

Model	PCN	Stock	Wt. (Lbs.)
LUH-TK1 (SPST)	301129	S	0.25

#### Power Disconnect Kits



3 Pole, 600V Rating

Model	Rating	PCN	Stock	Wt. (Lbs.)
EDS-1	40 Amp*	303431	S	0.5
EDS-2	80 Amp	303440	S	0.5
EDS-3	100 Amp	303458	NS	1

\* EDS-1 Rating for 480V or less is 50 Amp.

#### Mounting Limitations

**Hazardous Atmosphere** — Unit heaters should not be used in potentially explosive atmospheres. **Corrosive Atmosphere** — The finish is not intended for direct salt spray exposure in marine applications or the highly corrosive atmospheres of greenhouses, swimming pools, chemical storage bins, etc. **Mounting Height** — Do not install unit heaters above recommended maximum mounting height. **Obstructions** must not block unit heater air inlet or discharge.

## LUH Horizontal Blower Heater *(cont'd.)*

### Specifications and Ordering Information

Electrical (60 Hz)				Motor				Air Delivery					Ordering			
kW	Volts	Ckt & Phase	Amps <sup>4</sup>	Volts	Phase	HP	RPM	CFM	FPM	Temp. Rise (°F)	Horiz. Throw (Ft.)	Mtg. Height (Ft.) <sup>5</sup>	Model	Stock	PCN	Wt. (Lbs.)
2.6	208	1 - 1	13.1	208	1	1/40	1,650	410	880	21	12	8	LUH-02-81-34	S	303001	32
2.0/2.6	208/240	1 - 1	11.4 <sup>2</sup>	240	1	1/40	1,650	410	880	21	12	8	LUH-02-21-34	S	303010	32
2.6	277	1 - 1	9.6	277	1	1/30	1,550	360	770	24	12	8	LUH-02-71-35	S	303028	32
4	208	1 - 1	19.8	208	1	1/40	1,650	410	880	31	12	8	LUH-04-81-34	S	303036	32
4	208	1 - 3 <sup>3</sup>	11.7	208	1	1/40	1,650	410	880	31	12	8	LUH-04-83-34	S	303044	32
3/4	208/240	1 - 1	17.2 <sup>2</sup>	240	1	1/40	1,650	410	880	31	12	8	LUH-04-21-34	S	303052	32
3/4	208/240	1 - 3 <sup>3</sup>	10.2 <sup>2</sup>	240	1	1/40	1,650	410	880	31	12	8	LUH-04-23-34	S	303060	32
4	277	1 - 1	14.6	277	1	1/30	1,550	360	770	35	12	8	LUH-04-71-35	S	303079	32
4	480	1 - 3	5.1	480	1	1/35	1,550	380	815	33	12	8	LUH-04-43-32	S	303087	32
5	208	1 - 1	24.6	208	1	1/40	1,650	410	880	39	12	8	LUH-05-81-34	S	303095	32
5	208	1 - 3 <sup>3</sup>	14.5	208	1	1/40	1,650	410	880	39	12	8	LUH-05-83-34	S	303108	32
3.75/5	208/240	1 - 1	21.4	240	1	1/40	1,650	410	880	39	12	8	LUH-05-21-34	S	303116	32
3.75/5	208/240	1 - 3 <sup>3</sup>	12.6	240	1	1/40	1,650	410	880	39	12	8	LUH-05-23-34	NS	303124	32
5	277	1 - 1	18.3	277	1	1/30	1,550	360	770	44	12	8	LUH-05-71-35	NS	303132	32
5	480	1 - 3	6.3	480	1	1/35	1,550	380	815	42	12	8	LUH-05-43-32	S	303140	32
7.5	208	1 - 1 <sup>3</sup>	36.5	208	1	1/15	1,725	850	1,040	28	27	8	LUH-07-81-34	NS	303159	50
7.5	208	1 - 3	21.3	208	1	1/15	1,725	850	1,040	28	27	8	LUH-07-83-34	S	303167	50
5.6/7.5	208/240	1 - 1 <sup>3</sup>	31.7 <sup>2</sup>	240	1	1/15	1,725	850	1,040	28	27	8	LUH-07-21-34	S	303175	50
5.6/7.5	208/240	1 - 3	18.5 <sup>2</sup>	240	1	1/15	1,725	850	1,040	28	27	8	LUH-07-23-34	NS	303183	50
7.5	277	1 - 1	27.7	277	1	1/15	1,550	750	920	32	27	8	LUH-07-71-35	NS	303191	50
7.5	480	1 - 3	9.9	480	3	1/15	1,725	850	1,040	28	27	8	LUH-07-43-32	S	303204	50
7.5	600	1 - 3	7.6	575	3	1/3	1,725	850	1,040	28	27	8	LUH-07-63-32	NS	—	50
9.7	208	1 - 1 <sup>3</sup>	47.1	208	1	1/15	1,725	850	1,040	37	27	9	LUH-10-81-34	NS	303212	50
9.7	208	1 - 3	27.4	208	1	1/15	1,725	850	1,040	37	27	9	LUH-10-83-34	S	303220	50
7.5/10	208/240	1 - 1 <sup>3</sup>	42.1 <sup>2</sup>	240	1	1/15	1,725	850	1,040	37	27	9	LUH-10-21-34	S	303239	50
7.5/10	208/240	1 - 3	24.5 <sup>2</sup>	240	1	1/15	1,725	850	1,040	37	27	9	LUH-10-23-34	NS	303247	50
10	480	1 - 3	12.9	480	3	1/15	1,725	850	1,040	37	27	9	LUH-10-43-32	S	303255	50
10	480	1 - 3	10.6	575	3	1/3	1,725	850	1,040	37	27	9	LUH-10-63-32	NS	—	50
12.5	208	1 - 3	35.2	208	1	1/15	1,725	850	1,040	47	27	9	LUH-12-83-34	S	303263	50
9.3/12.5	208/240	1 - 3	30.6	240	1	1/15	1,725	850	1,040	47	27	9	LUH-12-23-34	NS	303271	50
12.5	480	1 - 3	15.9	480	3	1/15	1,725	850	1,040	47	27	9	LUH-12-43-32	S	303280	50
12.5	600	1 - 3	12.6	575	3	1/3	1,725	850	1,040	47	27	9	LUH-12-63-32	NS	—	50
15	208	1 - 3	42.1	208	1	1/15	1,725	850	1,040	56	27	10	LUH-15-83-34	NS	303298	50
11.25/15	208/240	1 - 3	36.6 <sup>2</sup>	240	1	1/15	1,725	850	1,040	56	27	10	LUH-15-23-34	NS	303300	50
15	480	1 - 3	19.0	480	3	1/15	1,725	850	1,040	56	27	10	LUH-15-43-32	S	303319	50
15	600	1 - 3	15.6	575	3	1/3	1,725	850	1,040	56	27	10	LUH-15-63-32	NS	—	50
14.5/19.4	208/240	1 - 3	48.0 <sup>2</sup>	240	3	1/3	1,725	1,240	1,160	53	31	11	LUH-20-23-34	NS	303327	73
20	480	1 - 3	25.0	480	3	1/3	1,725	1,240	1,160	53	31	11	LUH-20-43-32	S	303335	73
20	600	1 - 3	19.6	575	3	1/3	1,725	1,240	1,160	53	31	11	LUH-20-63-32	NS	—	73
25	480	1 - 3	31.0	480	3	1/3	1,725	1,350	1,260	60	31	12	LUH-25-43-32	S	303343	73
25	600	1 - 3	24.6	575	3	1/3	1,725	1,350	1,260	60	31	12	LUH-25-63-32	NS	—	73
30	208	2 - 3	85.2	240	3	1/3	1,725	1,555	1,450	64	46	13	LUH-30-83-34	NS	303351	106
22.5/30	208/240	2 - 3	74.0 <sup>2</sup>	240	3	1/3	1,725	1,555	1,450	64	46	13	LUH-30-23-34	NS	303360	106
30	480	2 - 3	37.1	480	3	1/3	1,725	1,555	1,450	64	46	13	LUH-30-43-32	S	303378	106
30	600	2 - 3	29.6	575	3	1/3	1,725	1,555	1,450	64	46	13	LUH-30-63-32	NS	—	106
26.25/35	208/240	2 - 3	86.0 <sup>2</sup>	240	3	1/3	1,725	1,555	1,450	71	45	14	LUH-35-23-34	NS	303386	106
35	480	2 - 3	43.1	480	3	1/3	1,725	1,555	1,450	71	45	14	LUH-35-43-32	S	303394	106
35	600	2 - 3	34.7	575	3	1/3	1,725	1,555	1,450	71	45	14	LUH-35-63-32	NS	—	106
28.5/38	208/240	2 - 3	93.3	240	3	1/3	1,725	1,555	1,450	84	44	15	LUH-40-23-34	NS	303407	106
39	480	2 - 3	47.9	480	3	1/3	1,725	1,555	1,450	84	44	15	LUH-40-43-32	S	303415	106
40	600	2 - 3	39.7	575	3	1/3	1,725	1,555	1,450	84	44	15	LUH-40-63-32	NS	—	106
45	480	2 - 3	55.1	480	3	1/3	1,725	1,555	1,450	94	42	17	LUH-45-43-32	S	303423	106
45	600	2 - 3	43.7	575	3	1/3	1,725	1,555	1,450	94	42	17	LUH-45-63-32	NS	—	106

**Stock Status:** S = stock NS = non-stock  
**To Order**—Specify model, PCN, kW, volts, phase and quantity.

- For motor data, see table.
- 208V amperage is 86% of 240V value.
- Models can be field wired for 1 or 3 phase.
- Includes motor Amps.
- Maximum mounting height for effective heat distribution. Minimum height is 7 feet.

**Other Notes —**

- All heaters have built-in contactors and stock 480V models have built-in control transformers and contactor with 120V holding coils. All stock 208 and 240V models have 208/240V holding coils. All stock 277V models have 277V holding coils.
- Optional contactors available with 120 or 24V holding coils on made-to-order models, contact your Local Chromalox Sales office.
- When total heater capacity exceeds 48 Amps, built-in fusing is provided behind a hinged and latched door in the side which allows easy access.



## LUH Horizontal Blower Heater (cont'd.)

### Recommended Control Options

PCN	Description	Kits				PCN	Description	Kits			
		Thermostat	Fan Only	Remote Fan	Dis-connect			Thermostat	Fan Only	Remote Fan	Dis-connect
303001	LUH-02-81-34-00 208V 1P 2.6kW	LUH-TK1	ISFS-02	ESFS-42	EDS-1	303220	LUH-10-83-34-00 208V 3P 10kW	LUH-TK1	ISFS-02	ESFS-42	EDS-1
303010	LUH-02-21-34-00 240V 1P 2.6kW	LUH-TK1	ISFS-02	ESFS-42	EDS-1	303239	LUH-10-21-34-00 240V 1P 10kW	LUH-TK1	ISFS-02	ESFS-42	EDS-2
303028	LUH-02-71-35-00 277V 1P 2.6kW	LUH-TK1	ISFS-02	ESFS-47	EDS-1	303247	LUH-10-23-34-00 240V 3P 10kW	LUH-TK1	ISFS-02	ESFS-42	EDS-1
303036	LUH-04-81-34-00 208V 1P 4kW	LUH-TK1	ISFS-02	ESFS-42	EDS-1	303255	LUH-10-43-32-00 480V 3P 10kW	LUH-TK1	ESFS-41	ESFS-41	EDS-1
303044	LUH-04-83-34-00 208V 3P 4kW	LUH-TK1	ISFS-02	ESFS-42	EDS-1	303263	LUH-12-83-34-00 208V 3P 12.5kW	LUH-TK1	ISFS-02	ESFS-42	EDS-1
303052	LUH-04-21-34-00 240V 1P 4kW	LUH-TK1	ISFS-02	ESFS-42	EDS-1	303271	LUH-12-23-34-00 240V 3P 12.5kW	LUH-TK1	ISFS-02	ESFS-42	EDS-1
303060	LUH-04-23-34-00 240V 3P 4kW	LUH-TK1	ISFS-02	ESFS-42	EDS-1	303280	LUH-12-43-32-00 480V 3P 12.5kW	LUH-TK1	ESFS-41	ESFS-41	EDS-1
303079	LUH-04-71-35-00 277V 1P 4kW	LUH-TK1	ISFS-02	ESFS-47	EDS-1	303298	LUH-15-83-34-00 208V 3P 15kW	LUH-TK1	ISFS-02	ESFS-42	EDS-2
303087	LUH-04-43-32-00 480V 3P 4kW	LUH-TK1	ESFS-41	ESFS-41	EDS-1	303300	LUH-15-23-34-00 240V 3P 15kW	LUH-TK1	ISFS-02	ESFS-42	EDS-1
303095	LUH-05-81-34-00 208V 1P 5kW	LUH-TK1	ISFS-02	ESFS-42	EDS-1	303319	LUH-15-43-32-00 480V 3P 15kW	LUH-TK1	ESFS-41	ESFS-41	EDS-1
303108	LUH-05-83-34-00 208V 3P 5kW	LUH-TK1	ISFS-02	ESFS-42	EDS-1	303327	LUH-20-23-34-00 240V 3P 20kW	LUH-TK1	ISFS-02	ESFS-42A	EDS-2
303116	LUH-05-21-34-00 240V 1P 5kW	LUH-TK1	ISFS-02	ESFS-42	EDS-1	303335	LUH-20-43-32-00 480V 3P 20kW	LUH-TK1	ESFS-41A	ESFS-41A	EDS-1
303124	LUH-05-23-34-00 240V 3P 5kW	LUH-TK1	ISFS-02	ESFS-42	EDS-1	303343	LUH-25-43-32-00 480V 3P 25kW	LUH-TK1	ESFS-41A	ESFS-41A	EDS-1
303132	LUH-05-71-35-00 277V 1P 5kW	LUH-TK1	ISFS-02	ESFS-47	EDS-1	303351	LUH-30-83-34-00 208V 3P 30kW	LUH-TK1	ISFS-02	ESFS-42A	EDS-3
303140	LUH-05-43-32-00 480V 3P 5kW	LUH-TK1	ESFS-41	ESFS-41	EDS-1	303360	LUH-30-23-34-00 240V 3P 30kW	LUH-TK1	ISFS-02	ESFS-42A	EDS-2
303159	LUH-07-81-34-00 208V 1P 7.5kW	LUH-TK1	ISFS-02	ESFS-42	EDS-1	303378	LUH-30-43-32-00 480V 3P 30kW	LUH-TK1	ESFS-41A	ESFS-41A	EDS-1
303167	LUH-07-83-34-00 208V 3P 7.5kW	LUH-TK1	ISFS-02	ESFS-42	EDS-1	303386	LUH-35-23-34-00 240V 3P 35kW	LUH-TK1	ISFS-02	ESFS-42A	EDS-3
303175	LUH-07-21-34-00 240V 1P 7.5kW	LUH-TK1	ISFS-02	ESFS-42	EDS-1	303394	LUH-35-43-32-00 480V 3P 35kW	LUH-TK1	ESFS-41A	ESFS-41A	EDS-2
303183	LUH-07-23-34-00 240V 3P 7.5kW	LUH-TK1	ISFS-02	ESFS-42	EDS-1	303407	LUH-40-23-34-00 240V 3P 40kW	LUH-TK1	ISFS-02	ESFS-42A	EDS-3
303191	LUH-07-71-35-00 277V 1P 7.5kW	LUH-TK1	ISFS-02	ESFS-47	EDS-1	303415	LUH-40-43-32-00 480V 3P 40kW	LUH-TK1	ESFS-41A	ESFS-41A	EDS-2
303204	LUH-07-43-32-00 480V 3P 7.5kW	LUH-TK1	ESFS-41	ESFS-41	EDS-1	303423	LUH-45-43-32-00 480V 3P 45kW	LUH-TK1	ESFS-41A	ESFS-41A	EDS-2
303212	LUH-10-81-34-00 208V 1P 10kW	LUH-TK1	ISFS-02	ESFS-42	EDS-2						

When ordering LUH heaters, specify the model number and corresponding PCN (Product Code Number). If controls or thermostat/fan options are required, designate these options in the model number when ordering, as shown below. Always specify voltage, phase and kW by listing them on the purchase order product specifications.

### Model Numbers

#### Chromalox Horizontal Unit Heater

##### Heating Elements

<b>02</b> = 2.6 kW	<b>10</b> = 10.0 kW	<b>25</b> = 25.0 kW	<b>45</b> = 45.0 kW
<b>04</b> = 4.0 kW	<b>12</b> = 12.5 kW	<b>30</b> = 30.0 kW	
<b>05</b> = 5.0 kW	<b>15</b> = 15.0 kW	<b>35</b> = 35.0 kW	
<b>07</b> = 7.5 kW	<b>20</b> = 20.0 kW	<b>40</b> = 40.0 kW	

##### Heater Voltage and Phase

<b>81</b> = 208V, 1 Phase	<b>71</b> = 277V, 1 Phase
<b>83</b> = 208V, 3 Phase	<b>43</b> = 480V, 3 Phase
<b>21</b> = 240V, 1 Phase	<b>63</b> = 600V, 3 Phase
<b>23</b> = 240V, 3 Phase	

##### Control

<b>00</b>	No Contactor(s)
<b>30</b>	24V Control Internal Transformer
<b>31</b>	24V Control Externally Supplied
<b>32</b>	120V Control Internal Transformer
<b>33</b>	120V Control Externally Supplied
<b>34</b>	208/240V Control Internally Supplied, No Transformer
<b>35</b>	277V Control Internally Supplied

##### Control

<b>00</b>	No Thermostat, No Summer Fan Switch
<b>40</b>	Internal Thermostat Only
<b>41</b>	Internal Therm. and Internal Sum. Fan Sw.
<b>42</b>	External Sum. Fan Sw. Only (Not 480V)
<b>43</b>	External Sum. Fan Sw. and Fan Relay (All Volts)
<b>44</b>	Rem. Fan Sw. and Internal Therm. (Not 480V)
<b>45</b>	Rem. Fan Sw., Fan Relay and Int. Therm. (All Volts)D, E, F, G
<b>46</b>	Internal Sum. Fan Sw. (Not 480 V)
<b>47</b>	Internal Sum. Fan Sw., Fan Relay (All Volts)

##### Disconnect Switch

<b>1</b>	40 Amp
<b>2</b>	80 Amp
<b>3</b>	100 Amp

LUH 05 21 34 41 1 Typical Model Number

FORM

TITLE:	<b>SUPPLIER DOCUMENT FRONT SHEET</b>	DOC. NO.:	DOC-FOR-000037 Rev. 1
PROJECT NAME:		PROJECT NO.:	

**Hayward Gordon**  
Company Name

**100126-PJ270**  
PO/Contract Number

**Reagent Systems**  
Package/Contract Description

**Sodium Metabisulphite Dust Collector Data Sheet**

Document Title

<b>3</b>	<b>18-Mar-15</b>	<b>Annelly Portillo</b>	<b>AP</b>
Total Number of Pages (Including Front Sheet)	Submission Date	Submitted By - Print Name	Supplier Approval - Signature

Equipment Tag Number(s)

<b>3270-BH-0042</b>		

Secondary SDDRL Code(s)


	<b>0</b>
Supplier/Contractor Document Number	Supplier Rev.

<b>100126-PJ270-D02-0002.001</b>	<b>01</b>
AMEC Project Document No.	AMEC Issue No.

Note: This FRONT SHEET is to be used for all non-drawing documents and if the drawing does not have sufficient space for an electronic decal.

**Project Review:**

Permission to proceed does not constitute acceptance of design, calculations, test methods or materials developed or selected by Seller and does not relieve Seller from full compliance with contractual or other obligations.

- 1. REVIEWED - NO COMMENT
- 2. REVISE AND RESUBMIT - WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS
- 3. REVISE AND RESUBMIT - WORK MAY NOT PROCEED
- 4. REVIEW NOT REQUIRED - FOR INFORMATION ONLY

  
AMEC Signature

**16 APR 15**  
Date

# Data Sheet



<b>Title</b>		<b>Reagent Systems</b>		<b>Proj Doc No.</b>	100126-PJ270-D02-0002.001	
<b>Proj Name</b>		Rainy River Gold Project		<b>AMEC Doc. No.</b>	100126-PJ270-D02-0002.001	
<b>Client</b>		New Gold		<b>Proj No.</b>	100126	
<b>Supplier</b>				<b>Plant/Area No.</b>	3200	<b>Pkg No.</b> PJ270
<b>Item</b>				1		
<b>Equipment Number</b>				3270-BH-0042		
<b>Equipment Description</b>				Sodium Metabisulphite Dust Collector		
1	<b>Process Data &amp; Requirements</b>		<b>Unit</b>			
2	<b>General</b>					
3	Quantity Required			1		
4	Operating / Spare			1 / 0		
5	Temperature	°C		5 - 35		
6						
7	<b>VENDOR TO COMPLETE</b>					
8						
9	<b>General</b>					
10	Manufacturer			Macrotek		
11	Make / Model Number			MWBV-84-36		
12	Paint / Finish			External Paint		
13	<b>Housing Section</b>					
14	Housing Material			Carbon Steel		
15	Housing Material Thickness			10ga		
16	Access Doors			24" diameter inspection port		
17	Lifting Lugs			included		
18	Filter / Fan Access Platform			N/A		
19	<b>Fan</b>					
20	Flow Rate	acfm		1880		
21	External Static Pressure (ESP)					
22	Total Static Pressure (TSP)	" w.c.		8		
23	Manufacturer			New York Blower		
24	Make / Model Number			20-GI 194_DH		
25	Type / Arrangement			Centrifugal / Arr 10		
26	Material			Carbon Steel		
27	Class			TBD		
28	Fan Wheel Diameter / Type of Blades	"		20" / Radial		
29	Drive Type			Electric Motor		
30	Fan BHP at Operating Point	HP		-5		
31	Fan Efficiency	%		60%		
32	Outlet Velocity	m/s (ft/s)		48ft/s		
33	Fan Speed	m/s (ft/s)		2255 RPM		
34	Equipment Noise Level	dBa		77.2 dBa @ 3ft (ducted in and out)		
35	Fan Silencer if required			N/A		
36	Bearings L10 Rating, > 100,000 hr			TBD		
37	Guards			Included		
38	Extended SS Lube Lines			N/A		
39	<b>Fan Motor</b>					
40	Electrical Service			Continuous		
41	Manufacturer			Teco		
42	Motor Type			TEFC		
43	Fan Motor Size and Speed, kW (HP), RPM			7.5HP, 1800RPM		
44	Completed Motor Nameplate Data			TBD		
45	Fan and Motor Weight	kg (lbs)		TBD		
46	<b>Filter Section</b>					
47	Number of Bags / Cartridges	Qty.		36		
48	Total Filter Area	m <sup>2</sup> (ft <sup>2</sup> )		382 ft <sup>2</sup>		
49	Air to Cloth Ratio			4.1:1		
50	Filter Media Type			polyester		
51	Overall Efficiency			99%+		
52	Filter Pressure Drop	Pa (in.wg.)		up to 6in w.g.		
53	Housing Material and Thickness			10ga		
54	Auto Cleaning Mechanism Assembly			pulse jet, high pressure low volume		
55	<b>Compressed Air</b>					
56	Compressed Air Pressure	psig		80-100 psig		
57	Compressed Air Consumption	kPa (PSIG)		6-10 scfm		
58	<b>Air Lock Section</b>					
59	Manufacturer			N/A		
60	Size			N/A		
61	Model Number			N/A		
62	Motor and Drive			N/A		

# Data Sheet



<b>Title</b>	Reagent Systems		<b>Proj Doc No.</b>	100126-PJ270-D02-0002.001	
<b>Proj Name</b>	Rainy River Gold Project		<b>AMEC Doc. No.</b>	100126-PJ270-D02-0002.001	
<b>Client</b>	New Gold		<b>Proj No.</b>	100126	
<b>Supplier</b>		<b>AWBS No.</b>	<b>Plant/Area No.</b>	3200	Pkg No. PJ270
<b>Item</b>			1		
<b>Equipment Number</b>			3270-BH-0042		
<b>Equipment Description</b>			Sodium Metabisulphite Dust Collector		
63	Motor Size, kW (HP), RPM, V/Ph/Hz		N/A		
64	Motor Type		N/A		
65					
66	<b>Electrical and Controls</b>				
67	Power Supply		120V		
68	Control Voltage		120V		
69	Main Starters and Disconnects		575V (fan)		
70	Control Panel		120V		
71	Control Circuit Transformer		N/A		
72	Control Circuit Fuses		N/A		
73	Control Relays		N/A		
74	Pressure Sensors		24VDC loop		
75	LED Lights		N/A		
76	Timers		Dwyer timer board		
77	Dry Contact (Unit Status suitable for Plant PCS Connection)		x1		
78	Dry Contact (Common Alarm suitable for Plant PCS Connection)		x1		
79	One Dry Contact (Connection to Fire Alarm and Unit Shutdown)		x1		
80			3270-HO-0032 / 0033		
81	<b>Hopper</b>		<b>CUSO4 Mixing Tank Feed Hopper / Sodium Metabisulphite Feed Hopper</b>		
82	Quantity Required		2		
83	Operating / Spare		2 / 0		
82	Hopper Material				
83	Hopper Material Thickness	mm			
84	Hopper Slope	degree			
85	Hopper Access Doors				
86	Mounting Legs				
87	Hopper Dimensions L x W x H				
88			3270-XX-0060 / 0061		
89	<b>Lifting Beam</b>		<b>Lifting Beam for Superbag No. 1 / No. 2</b>		
90	Quantity Required		2		
91	Operating / Spare		2 / 0		
92	Capacity	kg	1000		
93	Content		CUSO4 and Sodium Metabisulphite		
94					
95	<b>Shipping Data</b>				
96	Overall Dimensions (L x W x H)				
97	Overall Weight	m (Ft)			
98	Largest Section (L x W x H)	kg (lbs)			
99	Largest Section Weight	m (Ft)			
100	Winterization Required	kg (lbs)			
101					

**Notes**

# CHIEFTAIN 1700

The Powerscreen® Chieftain 1700 is a mid-sized track mobile screen aimed at end users requiring high volumes of finished products in applications including topsoil, coal, crushed stone, recycling, iron ore, sand and gravel.

User benefits include a quick set-up time, drop down tail conveyor and screen mesh access system to aid screen media changes and a transverse power unit arrangement to simplify servicing.

**Features & Benefits**

- 2 or 3 deck
- Radio controlled tipping grid
- Integrated high capacity variable speed belt feeder
- Grease filled 2 bearing screenbox
- Heavy duty single shaft screenboxes with adjustable stroke, angle and speed
- Screen walkway and access ladder
- Hydraulic folding conveyors with excellent stockpiling capacity
- Patented fully mounted hydraulic folding auxiliary stockpile conveyor (3 deck)

**Options**

- Wheel or track mobile
- Double deck vibrating grizzly
- Radio controlled tracking
- Anti roll-back
- Dual Power (additional electric hydraulic drive)
- Roll-in bogie prepared
- Roll-in bogie equipped
- Quick release screen wedge tensioning
- Auto lubrication system
- Dust suppression
- Extended recirculation conveyor attached for transport (3 deck)
- Hydraulic screen tensioning (Bottom Deck)



CHIEFTAIN 1700	TRACK (2 DECK)	WHEEL (2 DECK)	TRACK (3 DECK)	WHEEL (3 DECK)
Weight (Est)	26,900kg (59,304lbs)	24,700kg (54,454lbs)	29,800kg (65,698lbs)	27,500kg (60,627lbs)
Transport width	3m (9'10")	3m (9'10")	3m (9'10")	3m (9'10")
Transport length	16.53m (54'3")	16.81m (55'2")	16.53m (54'3")	16.81m (55'2")
Transport height	3.43m (11'3")	3.6m (11'10")	3.5m (11'6")	3.88m (12'9")
Working width	17.32m (56'10")	17.32m (56'10")	17.32m (56'10")	17.32m (56'10")
Working length	17.22m (56'6")	17.22m (56'6")	17.22m (56'6")	17.22m (56'6")
Working height	5.82m (19'1")	6.21m (20'4")	5.89m (19'4")	6.19m (20'4")

\*Output potential depends on application  
Engines are available that are certified to US EPA and EU off road diesel emission standards. Talk to your dealer about possible certification options (i.e. Tier 3/Stage 3A, Tier 4/Stage 3B, Tier 4/Stage 4).

**Output Potential**

Up to 500tph (551 US tph)\*

**Main Conveyor**

Width: 1050mm (42")  
Hydraulically adjustable

**Tail Conveyor (Finesize)**

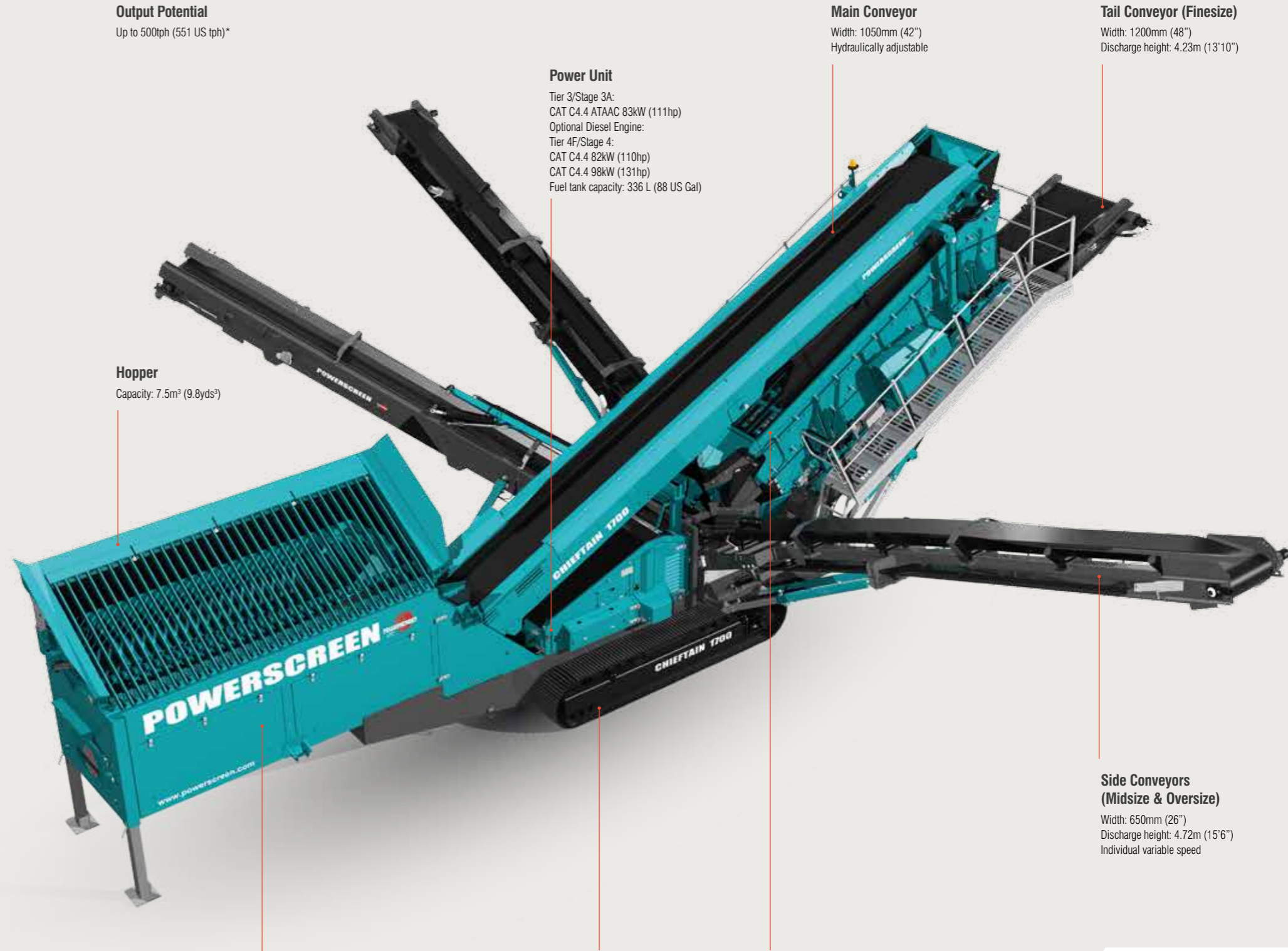
Width: 1200mm (48")  
Discharge height: 4.23m (13'10")

**Power Unit**

Tier 3/Stage 3A:  
CAT C4.4 ATAAC 83kW (111hp)  
Optional Diesel Engine:  
Tier 4/Stage 4:  
CAT C4.4 82kW (110hp)  
CAT C4.4 98kW (131hp)  
Fuel tank capacity: 336 L (88 US Gal)

**Hopper**

Capacity: 7.5m³ (9.8yds³)



**Feeder Conveyor**

Width: 1050mm (42")  
Individual variable speed

**Tracks**

Width: 400mm (15.7")

**Screenbox**

2 Bearing, 2 or 3 deck screenbox  
Size: 4.8m x 1.53m (16' x 5')

**Side Conveyors (Midsize & Oversize)**

Width: 650mm (26")  
Discharge height: 4.72m (15'6")  
Individual variable speed



# PREMIERTRAK 600/600E

The Powerscreen® Premiertrak 600 range of high performance primary jaw crushing plants are designed for large and medium scale operators in quarrying, demolition, recycling & mining applications. The range includes the Premiertrak 600 & Premiertrak 600E both equipped with the advanced high performance 1200mm x 820mm Terex chamber. Built for the toughest of applications, the robust construction and modern design of the Premiertrak 600 ensures optimum performance, reliability and efficiency.

The Premiertrak 600E comes complete with an on-board diesel generator. The machine can be powered from this, or from an external power supply. There is sufficient excess power available to run a second machine such as a screener. This versatility along with the electrically driven crusher and conveyors makes the Premiertrak 600E highly efficient, economical and environmentally friendly.

### Features & Benefits

- Ground level quick set-up with hydraulic folding feed hopper with hydraulic locking system
- Heavy duty wear resistant feed hopper
- Stepped self-cleaning grizzly feeder with under feeder screen
- Wide bypass chute to optimise material flow
- Aggressive crushing action with high swing jaw encouraging material entry into crushing chamber
- Fully hydraulic crusher setting adjustment
- Excellent under crusher access for removal of wire with hydraulic raise lower product conveyor
- Angle adjustable product conveyor, lowers for access & transport
- Low fuel consumption due to highly efficient direct drive system and low engine RPM
- Easily accessed power-unit canopy
- Modern & user-friendly PLC control system with auto start facility
- Remote control via umbilical
- Dust suppression system
- Fitted with Powerscreen Pulse Telematics system

### Options

- Pre-screen system
- Wire mesh for underscreen (standard)
- Quarry tooth, pyramid tooth or heavy duty fixed jaw plates
- Deflector plate under crusher
- Side conveyor
- Single pole overband magnetic separator
- Twin pole overband magnetic separator
- Belt weigher
- Electric refuelling pump
- Electric urea pump
- Hydraulic water pump
- Radio remote control
- Stockpiler drive (Tier 4 machines only)

### Applications

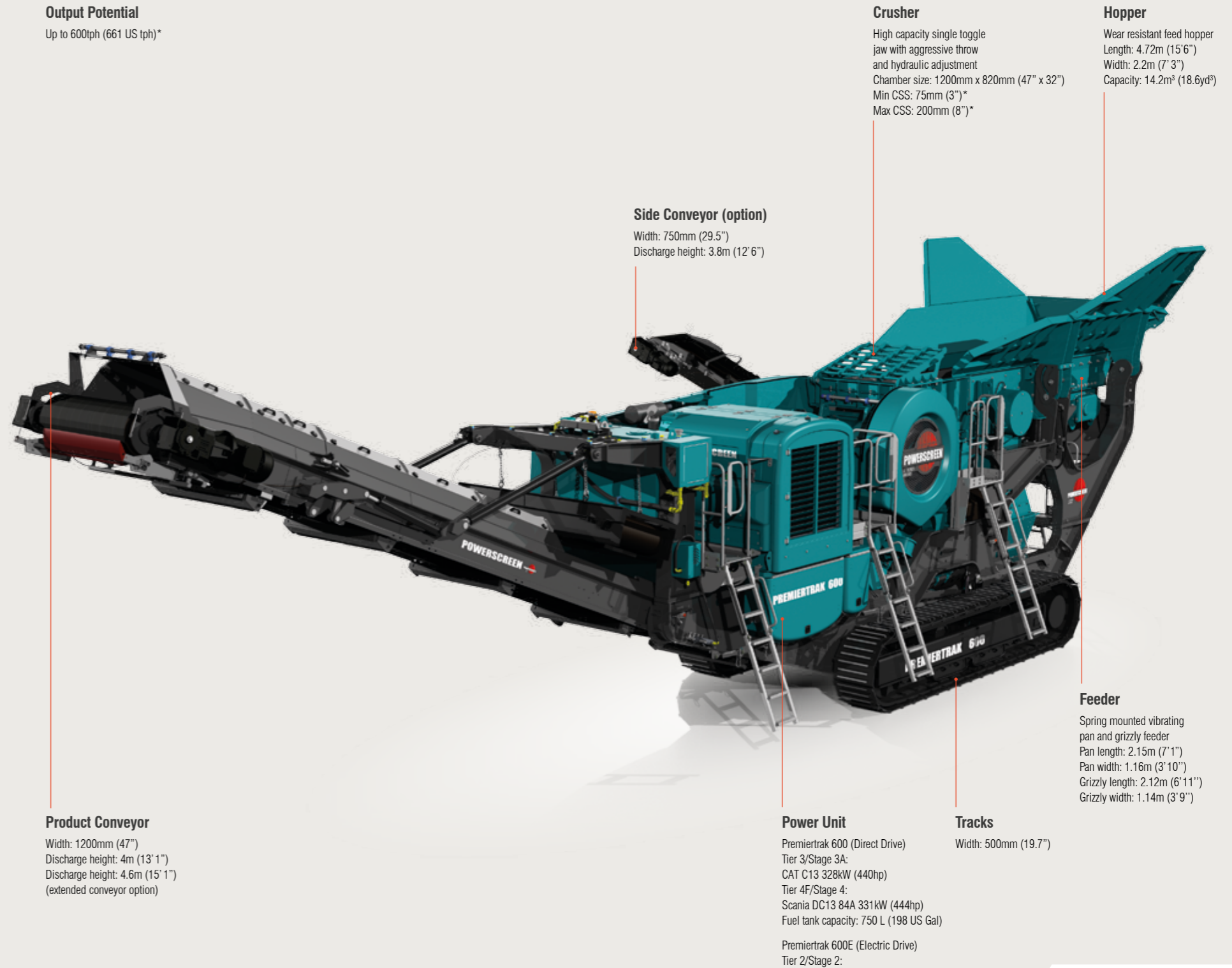
- Sand & gravel
- Blasted rock
- River rock
- C & D waste
- Overburden
- Foundry waste
- Processed ores
- Processed minerals

PREMIERTRAK	600	600E
Weight (est.) with side conveyor & magnet	68,875kg (151,843lbs)	72,725kg (162,535lbs)
Transport width	3m (9' 10")	3.12m (10' 3")
Transport length	17.1m (56' 1")	17.1m (56' 1")
Transport height	3.8m (12' 5")	3.8m (12' 5")
Working width with side conveyor	8.09m (26' 5")	8.09m (26' 7")
Working length	16.63m (54' 7")	16.63m (54' 7")
Working height	4.49m (14' 9")	4.49m (14' 9")



### Output Potential

Up to 600tph (661 US tph)\*



### Crusher

High capacity single toggle jaw with aggressive throw and hydraulic adjustment  
 Chamber size: 1200mm x 820mm (47" x 32")  
 Min CSS: 75mm (3")\*  
 Max CSS: 200mm (8")\*

### Hopper

Wear resistant feed hopper  
 Length: 4.72m (15' 6")  
 Width: 2.2m (7' 3")  
 Capacity: 14.2m³ (18.6yd³)

### Side Conveyor (option)

Width: 750mm (29.5")  
 Discharge height: 3.8m (12' 6")

### Product Conveyor

Width: 1200mm (47")  
 Discharge height: 4m (13' 1")  
 Discharge height: 4.6m (15' 1") (extended conveyor option)

### Power Unit

Premiertrak 600 (Direct Drive)  
 Tier 3/Stage 3A:  
 CAT C13 328kW (440hp)  
 Tier 4F/Stage 4:  
 Scania DC13 84A 331kW (444hp)  
 Fuel tank capacity: 750 L (198 US Gal)

Premiertrak 600E (Electric Drive)  
 Tier 2/Stage 2:  
 Scania DC13 74A 331kW (444hp)  
 Tier 4F/Stage 4:  
 Scania DC13 85A 331kW (444hp)  
 Fuel tank capacity: 750 L (198 US Gal)

### Tracks

Width: 500mm (19.7")

### Feeder

Spring mounted vibrating pan and grizzly feeder  
 Pan length: 2.15m (7' 1")  
 Pan width: 1.16m (3' 10")  
 Grizzly length: 2.12m (6' 11")  
 Grizzly width: 1.14m (3' 9")

\*Depends on application  
 Engines are available that are certified to US EPA and EU off road diesel emission standards. Talk to your dealer about possible certification options (i.e. Tier 3/Stage 3A, Tier 4/Stage 3B, Tier 4F / Stage 4).



# Safety Data Sheet

## SECTION 1 – IDENTIFICATION

### Name, Address, and Telephone of the Responsible Party

Dyno Nobel Inc.  
 6440 S. Millrock Drive, Suite 150  
 Salt Lake City, Utah 84121  
 Phone: 801-364-4800 Fax 801-321-6703  
 E-Mail: [dna.hse@am.dynonobel.com](mailto:dna.hse@am.dynonobel.com) [www.dynonobel.com](http://www.dynonobel.com)

SDS #: 1052  
 Date: 07/20/2020  
 Supersedes: 10/02/2018

### Product Identifier

Product Form: Mixture  
 Product Name: Bulk Emulsion

### Other Means of Identification

#### Synonyms:

DYNO GOLD®	TITAN® 2000
DYNO GOLD® LITE	TITAN® 2000G
EXTRAMITE 1000	TITAN® PB 1000
RUG-1 (Canada Only)	TITAN® PB 2000
TITAN® 1000	TITAN® PB 2000 HF
TITAN® 1000 GREEN	TITAN® SME 1000
TITAN® 1000G	TITAN® SME 1000 GREEN
TITAN® 1000G GREEN	TITAN® SME 2000
TITAN® XL1000	TITAN® 5000
TITAN® XL1000 GREEN	TITAN® 5000 G
SMS 1116, 1116A, 1126P, 1136P, 1146P	TITAN® 7000 G
DX5037	
TITAN® HD	

### Intended Use of the Product

Industrial blasting applications as emulsion explosive precursor

### Emergency Telephone Number

FOR 24 HOUR **EMERGENCY**, CALL CHEMTREC (USA) 800-424-9300  
 CANUTEC (CANADA) 613-996-6666

## SECTION 2 – HAZARD(S) IDENTIFICATION

### Classification of the Substance or Mixture

#### Classification (GHS-US)

Ox. Liq. 2	H272
Acute Tox. 4 (Oral)	H302
Skin Irrit. 2	H315
Carc. 2	H351
STOT RE 2	H373
Asp. Tox. 1	H304
Eye Irrit. 2B	H320

### Label Elements

#### GHS-US Labeling

#### Hazard Pictograms (GHS-US)



#### Signal Word (GHS-US)

: Danger

# Safety Data Sheet

**Hazard Statements (GHS-US)** : H272 - May intensify fire; oxidizer  
 H302 - Harmful if swallowed  
 H304 - May be fatal if swallowed and enters airways  
 H315 - Causes skin irritation  
 H320 - Causes eye irritation  
 H351 - Suspected of causing cancer  
 H373 - May cause damage to organs through prolonged or repeated exposure

**Precautionary Statements (GHS-US)** : P201 - Obtain special instructions before use  
 P202 - Do not handle until all safety precautions have been read and understood  
 P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking  
 P220 - Keep/Store away from clothing, combustible materials, combustibles  
 P221 - Take any precaution to avoid mixing with combustible materials, clothing, combustibles  
 P233 - Keep container tightly closed  
 P260 - Do not breathe dust, fume, mist, spray, vapors  
 P264 - Wash exposed areas thoroughly after handling  
 P270 - Do not eat, drink or smoke when using this product  
 P273 - Avoid release to the environment  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection  
 P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
 P302+P352 - IF ON SKIN: Wash with plenty of soap and water  
 P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P308+P313 - If exposed or concerned: Get medical advice/attention  
 P332+P313 - If skin irritation occurs: Get medical advice/attention  
 P362 - Take off contaminated clothing and wash before reuse  
 P370+P378 - In case of fire: Use appropriate media to extinguish  
 P403+P235 - Store in a well-ventilated place. Keep cool  
 P405 - Store locked up  
 P501 - Dispose of contents/container according to local, regional, national, and international regulations

**Other Hazards**

**Hazards Not Otherwise Classified (HNOC):** Not available

**Other Hazards:** Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

**SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS**

Mixture			
Name	Product identifier	% (w/w)	Ingredient Classification (GHS-US)
Ammonium nitrate	(CAS No) 6484-52-2	45 - 80	Ox. Sol. 3, H272 Eye Irrit. 2A, H319
Calcium nitrate	(CAS No) 10124-37-5	0.1 - 35	Ox. Sol. 3, H272 Acute Tox. 4 (Oral), H302



# Safety Data Sheet

			Eye Dam. 1, H318
Sodium nitrate	(CAS No) 7631-99-4	0.1 - 18	Ox. Sol. 3, H272 Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319
*Methylamine nitrate	(CAS No) 22113-87-7	0.1 - 3	Expl. 1.5, H205 Skin Corr. 1A, H314 Eye Dam. 1 - H318
**Fuels, diesel, no. 2	(CAS No) 68476-34-6	0.1 - 10	Flam. Liq. 4, H227 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Carc. 2, H351 STOT RE 2, H373 Asp. Tox. 1, H304
Distillates, petroleum, chemically neutralized light naphthenic	(CAS No) 64742-35-4	0.1 - 6	Asp. Tox. 1, H304

\* This ingredient is not used in most products, including in GREEN-named products.

\*\* This ingredient is not used in GREEN-named products.

Ingredients, other than those mentioned above, as used in this product are not hazardous as defined under current Department of Labor regulations or are present in de minimus concentrations (less than 0.1% for carcinogens, less than 1.0% for other hazardous materials).

Full text of H-phrases: see section 16

## SECTION 4 - FIRST AID MEASURES

### Description of First Aid Measures

**General:** Never give anything orally to an unconscious person. If you feel unwell, seek medical advice (provide this Safety Data Sheet to medical personnel).

**Inhalation:** If symptoms occur, go into fresh air and ventilate suspected area. Seek medical attention.

**Skin Contact:** Remove contaminated clothing. Wash with soap and water followed by rinsing with water. Seek medical attention if irritation develops or persists. Wash contaminated clothing before reuse.

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Obtain medical attention if irritation develops or persists.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Seek medical attention immediately.

### Most Important Symptoms and Effects Both Acute and Delayed

**General:** May be harmful if swallowed. May cause eye or skin irritation.

**Inhalation:** May cause respiratory irritation.

**Skin Contact:** May cause skin irritation.

**Eye Contact:** May cause eye irritation.

**Ingestion:** Likely to be harmful if swallowed.

**Chronic Symptoms:** Contains an ingredient which may cause cancer. Causes damage to organs through prolonged or repeated exposure.

### Indication of Any Immediate Medical Attention and Special Treatment Needed

If symptoms occur, seek medical attention.

## SECTION 5 - FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media:** Do not attempt to fight fires involving explosive materials or emulsion explosive precursors. Evacuate all personnel to a predetermined safe location, no less than 1/2 mile (800 meters) in all directions.

**Unusual Fire and Explosion Hazards:** May explode or detonate under fire conditions. Burning material may produce toxic vapors.

**Unsuitable Extinguishing Media:** Not available

SDS# 1052 Date: 107/20/2020

**DYNO**  
Dyno Nobel

Page 3 of 10

**Groundbreaking Performance**

# Safety Data Sheet

## Special Hazards Arising from the Substance or Mixture

In large, intense fires the emulsion can behave more like an explosive and detonate from confinement or strong shocks. Evacuation of at least 1 mile is recommended if a large amount of emulsion is involved in a large fire.

**Fire Hazard:** May intensify fire; oxidizer. Will burn if exposed to heat, and in addition, will accelerate the burning of other combustibles, resulting in more rapid spread of fire.

**Explosion Hazard:** Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. May explode when subjected to fire, supersonic shock or high-energy projectile impact, especially when confined or in large quantities.

**Reactivity:** May cause or intensify fire; oxidizer. May accelerate the burning of other combustible materials.

### Advice for Firefighters

**Precautionary Measures Fire:** DO NOT ATTEMPT TO FIGHT FIRES INVOLVING EXPLOSIVE MATERIALS. Evacuate all personnel to a predetermined safe location, no less than 1/2 mile (800 meters) in all directions. Can explode or detonate under fire conditions. Burning material may produce toxic vapors.

**Firefighting Instructions:** DO NOT ATTEMPT TO FIGHT FIRE. Immediately evacuate all personnel from the area to a safe distance. Guard against re-entry. Thermal decomposition can lead to release of irritating gases and vapors.

**Protection During Firefighting:** When controlling fire before involvement of explosives or explosive precursors, firefighters should wear positive pressure self-containing breathing apparatus (SCBA) and full turnout gear.

**Hazardous Combustion Products:** Nitrogen oxides. Carbon oxides (CO, CO<sub>2</sub>). Ammonia.

**Other information:** Do not attempt to fight fires involving explosive materials or emulsion explosive precursors. Evacuate all personnel to a predetermined safe location, no less than 1/2 mile (800 meters) in all directions.

**Reference to Other Sections:** Refer to section 9 for flammability properties.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Avoid all contact with skin, eyes, or clothing. Avoid breathing dust, mist, or spray. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Eliminate every possible source of ignition. Evacuate danger area.

#### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### For Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Ventilate area.

### Environmental Precautions

Prevent entry to sewers and public waters.

### Methods and Material for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes as necessary to prevent migration and entry into sewers or streams. Do not take up in combustible material such as: saw dust or cellulosic material.

**Methods for Cleaning Up:** Collect spillage for possible reuse. Clean up spills immediately and dispose of waste in accordance with appropriate state, federal and local regulations.

### Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection

## SECTION 7 - HANDLING AND STORAGE

### Precautions for Safe Handling

It is recommended that users of explosives material be familiar with the Institute of Makers of Explosives Safety Library publications.

**Additional Hazards When Processed:** When heated to decomposition, emits toxic fumes. Do not puncture or incinerate containers.

# Safety Data Sheet

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

**Conditions for Safe Storage, Including Any Incompatibilities**

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep /store away from combustible materials, extremely high or low temperatures, direct sunlight, ignition sources, incompatible materials.

**Incompatible Materials:** Corrosives, strong acids, strong bases and alkalis.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control Parameters**

**Occupational Exposure Limits**

Ingredients:	Product identifier:	ACGIH TLV-TWA	OSHA PEL-TWA
Ammonium nitrate	(CAS No) 6484-52-2	None	None
Sodium nitrate	(CAS No) 7631-99-4	None	None
Calcium nitrate	(CAS No) 10124-37-5	None	None
Methylamine nitrate	(CAS No) 22113-87-7	None	None
Fuels, diesel, no. 2	(CAS No) 68476-34-6	100 ppm	None
Distillates, petroleum, chemically neutralized light naphthenic	(CAS No) 64742-35-4	5 mg/m <sup>3</sup> (mist)	None

**Exposure Controls**

Under normal conditions of use, over-exposure is not expected to occur.

**Appropriate Engineering Controls:** Ensure all national/local regulations are observed. Ensure adequate ventilation, especially in confined areas. Keep containers tightly sealed.

**Personal Protective Equipment:** Protective goggles. Gloves. Protective clothing.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles or face shield.

**Skin and Body Protection:** Not available.

**Respiratory Protection:** Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of vapor or mist are expected to exceed exposure limits. Under normal conditions of use and handling there is minimal likelihood for the this exposure limit to be reached.

**Other Information:** When using or handling, do not eat, drink or smoke.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**Information on Basic Physical and Chemical Properties**

Physical State	: Liquid
Appearance	: Translucent to opaque viscous liquid.
Odor	: Fuel
Odor Threshold	: Not available
pH	: Not available
Relative Evaporation Rate (butylacetate=1)	: < 1
Melting Point	: Not available

# Safety Data Sheet

Freezing Point	: Not available
Boiling Point	: Not available
Flash Point	: Not available
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: Not available
Relative Vapor Density at 20 °C	: Not available
Relative Density	: Not available
Specific Gravity	: 0.8 - 1.5 g/cc
Solubility	: Water: Nitrate salts are completely soluble, but emulsion dissolution is very slow.
Partition coefficient: n-octanol/water	: Not available
Viscosity	: Not available
Explosion Data – Sensitivity to Mechanical Impact	: Not sensitive to mechanical impact. May be sensitive to supersonic explosively driven projectile impacts.
Explosion Data – Sensitivity to Static Discharge	: Not sensitive to static discharge.

## SECTION 10 - STABILITY AND REACTIVITY

**Reactivity:** May cause or intensify fire. May accelerate the burning of other combustible materials.

**Chemical Stability:** May intensify fire. May explode when subjected to fire, supersonic shock or high-energy projectile impact, especially when confined or in large quantities.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Direct sunlight. Extremely high temperatures. Heat. Sparks. Overheating. Open flame. Combustible materials. Sources of ignition. Incompatible materials.

**Incompatible Materials:** Corrosives, strong acids, strong bases and alkalis.

**Hazardous Decomposition Products:** Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Nitrogen oxides. Toxic vapors. Ammonia. Carbon monoxide.

## SECTION 11 - TOXICOLOGICAL INFORMATION

Under normal conditions of use, over-exposure is not expected to occur. Minor skin exposure is most likely.

**Information on Toxicological Effects - Product**

**Acute Toxicity:** Harmful if swallowed.

**LD50 and LC50 Data:** ATE Oral 1,510 (mg/kg)

**Skin Corrosion/Irritation:** Causes skin irritation.

**Serious Eye Damage/Irritation:** May cause eye irritation

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Teratogenicity:** Not available

**Carcinogenicity:** Contains a substance which has been shown to cause cancer in laboratory animals. IARC Group 2A Probably carcinogenic to humans.

**Specific Target Organ Toxicity (Repeated Exposure):** May cause damage to organs through prolonged or repeated exposure.

# Safety Data Sheet

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: May be fatal if swallowed and enters airways.

Symptoms/Injuries After Inhalation: May cause respiratory irritation.

Symptoms/Injuries After Skin Contact: May cause skin irritation.

Symptoms/Injuries After Eye Contact: May cause eye irritation.

Symptoms/Injuries After Ingestion: May be harmful if swallowed. May be harmful if swallowed and enters airways.

Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.

Chronic Symptoms: May cause cancer. May cause damage to organs through prolonged or repeated exposure.

**Information on Toxicological Effects - Ingredient(s)**

LD50 and LC50 Data:	
<b>Ammonium nitrate (6484-52-2)</b>	
LD50 Oral Rat	2217 mg/kg (REACH dossier 2950 mg/kg)
LC50 Inhalation Rat	> 88.8 mg/l/4h
ATE CLP (oral)	2217.000 mg/kg body weight
<b>Sodium nitrate (7631-99-4)</b>	
LD50 Oral Rat	1267 mg/kg (REACH dossier 3430 mg/kg)
ATE CLP (oral)	1267.000 mg/kg body weight
<b>Fuels, diesel, no. 2 (68476-34-6)</b>	
ATE CLP (vapors)	11.000 mg/l/4h
<b>Distillates, petroleum, chemically neutralized light naphthenic (64742-35-4)</b>	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg

**SECTION 12: ECOLOGICAL INFORMATION**

Toxicity Harmful to aquatic life with long lasting effects.

**Ammonium nitrate (6484-52-2)**

LC50 Fish 1 95-102 mg/l (Exposure time: 48 h - Cyprinus carpio (Common carp))

EC 50 Aquatic Invertebrates 490 mg/l (Exposure time 48 h - Daphnia magna)

**Sodium nitrate (7631-99-4)**

LC50 Fish 1 2000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

LC 50 Fish 2 994.4 - 1107 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])

**Fuels, diesel, no. 2 (68476-34-6)**

LC50 Fish 1 35 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])

**Calcium nitrate (10124-37-5)**

LC50 Fish 1 10000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

**Persistence and Degradability**

**Bulk Emulsion**

Persistence and Degradability Not established.

**Sodium nitrate (7631-99-4)**

Persistence and Degradability Readily biodegradable in water.

# Safety Data Sheet

<b>Bioaccumulative Potential</b>	
<b>Bulk Emulsion</b>	
Bioaccumulative Potential	Not established.
<b>Ammonium nitrate (6484-52-2)</b>	
BCF fish 1	(no bioaccumulation expected)
Log Pow	-3.1 (at 25 °C)
<b>Sodium nitrate (7631-99-4)</b>	
Log Pow	-3.8 (at 25 °C)
Bioaccumulative Potential	Not expected to bioaccumulate.
Mobility in Soil Not available	
Other Adverse Effects	
Other Information: Avoid release to the environment.	

## SECTION 13 – DISPOSAL CONSIDERATIONS

**Waste Treatment Methods:** Contact manufacturer for advice on proper disposal methods.

**Waste Disposal Recommendations:** Collect spillage for possible reuse. Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

**Additional Information:** Clean up even minor leaks or spills if possible without unnecessary risk.

## SECTION 14 - TRANSPORT INFORMATION

### 14.1 In Accordance with DOT

Proper Shipping Name : AMMONIUM NITRATE EMULSION  
 Hazard Class : 5.1  
 Identification Number : UN3375  
 Label Codes : 5.1  
 Packing Group : II  
 ERG Number : 140



### 14.2 In Accordance with IMDG

Proper Shipping Name : AMMONIUM NITRATE EMULSION  
 Hazard Class : 5.1  
 Identification Number : UN3375  
 Packing Group : II  
 Label Codes : 5.1  
 EmS-No. (Fire) : F-H  
 EmS-No. (Spillage) : S-Q



### 14.3 In Accordance with IATA

Proper Shipping Name : AMMONIUM NITRATE EMULSION  
 Identification Number : UN3375  
 Hazard Class : 5  
 Label Codes : 5.1  
 ERG Code (IATA) : 5L



### 14.4 In Accordance with TDG

No UN number exists for blasting intermediates for Transport Canada (use the following for Canadian shipments)

Proper Shipping Name : EXPLOSIVE, BLASTING, TYPE E  
 Packing Group : II  
 Hazard Class : 1.5D

SDS# 1052 Date: 107/20/2020

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Page 8 of 10

**Groundbreaking Performance**

# Safety Data Sheet

Identification Number : UN0332  
 Label Codes : 1.5D



## SECTION 15 - REGULATORY INFORMATION

### US Federal Regulations

#### Bulk Emulsion

#### SARA Section 311/312 Hazard Classes

Immediate (acute) health hazard  
 Reactive hazard  
 Delayed (chronic) health hazard  
 Fire hazard

#### Ammonium nitrate (6484-52-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### Sodium nitrate (7631-99-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### Fuels, diesel, no. 2 (68476-34-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### Calcium nitrate (10124-37-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### Distillates, petroleum, chemically neutralized light naphthenic (64742-35-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### US State Regulations

#### Ammonium nitrate (6484-52-2)

U.S. – California – Air Toxics “Hot Spots” (A-I)  
 U.S. - Massachusetts - Right To Know List  
 U.S. - New Jersey - Right to Know Hazardous Substance List  
 U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List  
 U.S. - Pennsylvania - RTK (Right to Know) List  
 U.S. – Rhode Island – RTK (Right to Know) List

#### Sodium nitrate (7631-99-4)

U.S. - Massachusetts - Right To Know List  
 U.S. - Pennsylvania - RTK (Right to Know) List  
 U.S. – Rhode Island – RTK (Right to Know) List

#### Fuels, diesel, no. 2 (68476-34-6)

U.S. - New Jersey - Right to Know Hazardous Substance List

#### Calcium nitrate (10124-37-5)

U.S. - New Jersey - Right to Know Hazardous Substance List

### Canadian Regulations

#### Bulk Emulsion

WHMIS Classification **Note: Explosives are not regulated under WHMIS. They are subject to the regulations of the Explosives Act of Canada.**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date : 07/20/2020

SDS# 1052 Date: 107/20/2020

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Page 9 of 10

**Groundbreaking Performance**

# Safety Data Sheet

**Other Information** : This document has/ been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**GHS Full Text Phrases:**

Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Asp. Tox. 1	Aspiration hazard Category 1
Carc. 2	Carcinogenicity Category 2
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 3	Flammable liquids Category 3
Ox. Liq. 2	Oxidizing liquids Category 2
Ox. Sol. 3	Oxidizing solids Category 3
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
H205	May mass explode in fire
H227	Combustible liquid
H272	May intensify fire; oxidizer
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H351	Suspected of causing cancer
H373	May cause damage to organs through prolonged or repeated exposure
H373	May cause damage to organs (Thymus, Liver, bone marrow) through prolonged or repeated exposure

**Party Responsible for the Preparation of This Document**

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 Dyno Nobel SDS



# Safety Data Sheet

According to Hazardous Products Regulation (SOR/2015-17)

Revision date: 14.04.2020

Version: 6.1

Print date: 14.04.2020

## SECTION 1: Identification

### Product identifier

Trade name/designation:	Acetone
Product No.:	BDH1101
Synonymes:	none/none
CAS No.:	67-64-1
Other means of identification:	

### Relevant identified uses of the substance or mixture and uses advised against

Recommended Use:	For Further Manufacturing Use Only
Uses advised against:	Not for Human or Animal Drug Use

### Details of the supplier of the safety data sheet

#### Supplier

##### **VWR International**

Street	2360 Argentia Road
Postal code/City	Mississauga, Ontario
	Canada L5N 5Z7
Telephone	+1-800-932-5000 toll-free within US/Canada
Telefax:	+1-610-728-2103

### Emergency phone number

Telephone +1-613-996-6666 (Canutec, 24 hrs/day, 7 days/week, Canada)

### Preparation Information

VWR International - Product Information Compliance

E-mail sds@vwr.com

## SECTION 2: Hazard identification

### 2.1 Classification of the substance or mixture

#### Classification according to Hazardous Products Regulation (SOR/2015-17)

Hazard classes and hazard categories	Hazard statements
Flammable liquid, category 2	H225
Eye irritation, category 2	H319
Specific target organ toxicity (single exposure), category 3, narcotic effect	H336

### 2.2 Label elements

#### Labelling in accordance with (SOR/2015-17)

#### Hazard pictograms



Signal word: Danger

Hazard statements	
H225	Highly flammable liquid and vapor.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Precautionary Statements	
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405	Store locked up.
P501	Dispose of contents/container to ...

#### Hazards not otherwise classified (HNOC)

none/none

## SECTION 3: Composition / information on ingredients

### 3.1 Substances

Substance name	Acetone
Molecular formula	CH <sub>3</sub> COCH <sub>3</sub>
Molecular weight	58.08 g/mol
CAS No.	67-64-1

## SECTION 4: First aid measures

### 4.1 General information

If exposed or if you feel unwell: Call a POISON CENTER or doctor/physician. If unconscious place in recovery position and seek medical advice. Never give anything by mouth to an unconscious person or a person with cramps. Change contaminated, saturated clothing. Do not leave affected person unattended.

#### In case of inhalation

Call a POISON CENTER/doctor. Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

#### In case of skin contact

After contact with skin, wash immediately with plenty of water and soap. Remove contaminated, saturated clothing immediately. In case of skin reactions, consult a physician.

#### After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Protect uninjured eye. Remove contact lenses, if present and easy to do. Continue rinsing.

#### In case of ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do NOT induce vomiting. Give nothing to eat or drink.

### 4.2 Most important symptoms/effects, acute and delayed

no data available

### 4.3 Indication of any immediate medical attention and special treatment needed

no data available

### 4.4 Self-protection of the first aider

First aider: Pay attention to self-protection!

### 4.5 Information to physician

no data available

## SECTION 5: Fire fighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Water spray  
ABC-powder  
Carbon dioxide (CO<sub>2</sub>)

Nitrogen

**Extinguishing media which must not be used for safety reasons**

no restriction

## 5.2 Specific hazards arising from the chemical

In case of fire may be liberated:

Carbon monoxide

Carbon dioxide (CO<sub>2</sub>)

## 5.3 Advice for firefighters

DO NOT fight fire when fire reaches explosives.

Protective equipment and precautions for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

### Additional information

Do not allow run-off from fire-fighting to enter drains or water courses.

Do not inhale explosion and combustion gases.

Use caution when applying carbon dioxide in confined spaces. Carbon dioxide can displace oxygen.

Use water spray/stream to protect personnel and to cool endangered containers.

In case of fire: Evacuate area.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

In case of major fire and large quantities: Remove persons to safety.

### 6.2 Environmental precautions

Discharge into the environment must be avoided.

### 6.3 Methods and material for containment and cleaning up

Spilled product must never be returned to the original container for recycling. Collect in closed and suitable containers for disposal.

### 6.4 Additional information

Clear spills immediately.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid:

Inhalation

Avoid contact with eyes and skin.

Use extractor hood (laboratory).

If handled uncovered, arrangements with local exhaust ventilation have to be used.

If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means.

Keep away from sources of ignition - No smoking.

Usual measures for fire prevention.

Take precautionary measures against static discharges.

## 7.2 Conditions for safe storage, including any incompatibilities

Recommended storage temperature: Ambient temperature

Keep container tightly closed and in a well-ventilated place. Keep/Store away from combustible materials.

## 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

# SECTION 8: Exposure controls/personal protection

## 8.1 Control parameters

Ingredient (Designation)	Regulatory information	Country	Limit value type (country of origin)	Limit value
Acetone	CNESST	CA	VECD	2380 mg/m <sup>3</sup> - 1000 ppm
Acetone	CNESST	CA	VEMP	1190 mg/m <sup>3</sup> - 500 ppm

## 8.2 Engineering controls

### Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment. If handled uncovered, arrangements with local exhaust ventilation have to be used.

### Personal protection equipment (PPE)

Wear suitable protective clothing. When handling with chemical substances, protective clothing must be worn.

#### *Eye/face protection*

Eye glasses with side protection

#### *Skin protection*

Wear suitable gloves. When handling with chemical substances, protective gloves must be worn. In the case of wanting to use the gloves again, clean them before taking off and air them well. Check leak tightness/impermeability prior to use.

#### By short-term hand contact

Suitable material: CR (polychloroprene, chloroprene rubber)  
 Thickness of the glove material: 0,75 mm  
 Breakthrough time (maximum wearing time): < 30 min

#### By long-term hand contact

Suitable material: Butyl caoutchouc (butyl rubber)  
 Thickness of the glove material: 0,50 mm  
 Breakthrough time (maximum wearing time): > 480 min

#### *Respiratory protection*

Respiratory protection necessary at: aerosol or mist formation If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.

#### *Additional information*

Wash hands before breaks and after work. Avoid contact with eyes and skin. When using do not eat, drink or smoke. Provide eye shower and label its location conspicuously.

*Environmental exposure controls*  
no data available

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

(a) Appearance	
Physical state:	liquid
Color:	colorless
(b) Odour:	characteristic
(c) Odour threshold:	no data available

#### Safety relevant basic data

(d) pH:	5-6 (400 g/l; H <sub>2</sub> O; 20 °C)
(e) Melting point/freezing point:	-95.4 °C
(f) Initial boiling point and boiling range:	56.2 °C (1013 hPa)
(g) Flash point:	< -20 °C (closed cup)
(h) Evaporation rate:	no data available
(i) Flammability (solid, gas):	Highly flammable liquid and vapor.
(j) Flammability or explosive limits	
Lower explosion limit:	2.6 % (v/v)
Upper explosion limit:	12.8 % (v/v)
(k) Vapour pressure:	233 hPa (20 °C)
(l) Vapour density:	2.01 (20 °C)
(m) Relative density:	0.792 g/cm <sup>3</sup> (20 °C)
(n) Solubility(ies)	
Water solubility (g/L):	soluble (20 °C)
Soluble (g/L) in Ethanol:	no data available
(o) Partition coefficient: n-octanol/water:	-0.24 (20 °C)
(p) Auto-ignition temperature:	465 °C (DIN 51794)
(q) Decomposition temperature:	no data available
(r) Viscosity	
Kinematic viscosity:	no data available
Dynamic viscosity:	0.32 mPa*s (20 °C)
(s) Explosive properties:	not applicable
(t) Oxidising properties:	not applicable

### 9.2 Other information

Bulk density:	no data available
Refraction index:	1.3591 (589 nm; 20 °C)
Dissociation constant:	no data available
Surface tension:	no data available
Henry's Law Constant:	no data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

### 10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

### 10.3 Possibility of hazardous reactions

Formation of explosive mixtures with:

Oxidising agent, strong

Reducing agent, strong

Nitric acid

Trichloromethane

Peroxides

Violent reaction with:

Alkali (lye)

Oxidising agent

Reducing agent

Exothermic reaction with:

Bromine

Chlorine

### 10.4 Conditions to avoid

UV-radiation/sunlight

Heat

This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical equipment).

### 10.5 Incompatible materials

Rubber articles

Plastic articles

### 10.6 Hazardous decomposition products

no data available

### 10.7 Additional information

no data available

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute effects

*Acute oral toxicity:*

LD50: > 5800 mg/kg - Rat - (RTECS)

*Acute dermal toxicity:*

LD50: > 20000 mg/kg - Rabbit - (IUCLID)

*Acute inhalation toxicity:*

LC50: > 76 mg/l (4h) - Rat

**Irritant and corrosive effects**

*Primary irritation to the skin:*

not applicable

*Irritation to eyes:*

Causes serious eye irritation.

*Irritation to respiratory tract:*

not applicable

**Respiratory or skin sensitization**

In case of skin contact: not sensitising

In case of inhalation: not sensitising

**STOT-single exposure**

May cause drowsiness or dizziness.

**STOT-repeated exposure**

not applicable

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

**Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen.

no data available	ACGIH	IARC	NTP	OSHA

**Germ cell mutagenicity**

No indications of human germ cell mutagenicity exist.

**Reproductive toxicity**

No indications of human reproductive toxicity exist.

**Aspiration hazard**

not applicable

**Other adverse effects**

no data available



**Additional information**

no data available

## SECTION 12: Ecological information

### 12.1 Ecotoxicity

**Fish toxicity:**

LC50: 8300 mg/l (96 h) - Cairns, J.Jr., and A. Scheier 1968. A Comparison of the Toxicity of Some Common Industrial Waste Components Tested Individually and Combined. Prog.Fish-Cult. 30(1):3-8

**Daphnia toxicity:**

EC50: 18500 mg/l (48 h) - Randall, T.L., and P.V. Knopp 1980. Detoxification of Specific Organic Substances by Wet Oxidation. J.Water Pollut.Control Fed. 52(8):2117-2130

LC50: 8450 mg/l (48 h) - Cowgill, U.M., and D.P. Milazzo 1991. The Sensitivity of Ceriodaphnia dubia and Daphnia magna to Seven Chemicals Utilizing the Three-Brood Test. Arch.Environ.Contam.Toxicol. 20(2):211-217

**Algae toxicity:**

EC50: 7200 mg/l (96 h) - Slooff, W. 1982. A Comparative Study on the Short-Term Effects of 15 Chemicals on Fresh Water Organisms of Different Tropic Levels. Natl.Tech.Inf.Serv., Springfield, VA :25 p. (DUT) (ENG ABS) (NTIS/PB83-200386)

**Bacteria toxicity:**

no data available

### 12.2 Persistence and degradability

no data available

### 12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water: -0.24 (20 °C)

### 12.4 Mobility in soil:

no data available

### 12.5 Results of PBT/vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

### 12.6 Other adverse effects

no data available

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**Appropriate disposal / Product**

Dispose according to legislation. Consult the appropriate local waste disposal expert about waste disposal.

Waste code product: 070104

**Appropriate disposal / Package**

Dispose according to legislation. Handle contaminated packages in the same way as the substance itself.

**Additional information**

no data available

## SECTION 14: Transport information

### Land transport (TDG)

UN-No.:	1090
Proper Shipping Name:	ACETONE
Class(es):	3
Packing group:	II
Environmental hazards:	No
Marine pollutant:	No
Special precautions for user:	

### Sea transport (IMDG)

UN-No.:	1090
Proper Shipping Name:	ACETONE
Class(es):	3
Classification code:	
Hazard label(s):	3
Packing group:	II
Environmental hazards:	No
Marine pollutant:	No
Special precautions for user:	
Segregation group:	-
EmS-No.	F-E S-D
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	not relevant

### Air transport (ICAO-TI / IATA-DGR)

UN-No.:	1090
Proper Shipping Name:	ACETONE
Class(es):	3
Classification code:	
Hazard label(s):	3
Packing group:	II
Special precautions for user:	

## SECTION 15: Regulatory information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

Domestic Substance List:

## SECTION 16: Other information

### Abbreviations and acronyms

ACGIH - American Conference of Governmental Industrial Hygienists  
DOT - Department of Transportation  
IARC - International Agency for Research on Cancer  
IATA-DGR - International Air Transport Association-Dangerous Goods Regulations  
ICAO-TI - International Civil Aviation Organization-Technical Instructions  
IMDG - International Maritime Code for Dangerous Goods  
LTV - Long Term Value  
NIOSH - National Institute for Occupational Safety and Health  
NTP - National Toxicology Program  
OSHA - Occupational Safety & Health Administration  
PBT - Persistent, Bioaccumulative and Toxic  
PEL - Permissible Exposure Limit  
STV - Short Term Value  
SVHC - Substances of Very High Concern  
TDG - Transport of Dangerous Goods  
TLV - Threshold Limit Value  
vPvB - very Persistent, very Bioaccumulative

### Additional information

Indication of changes:                      general update

*The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guidance. The information in this document is based on the present state knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. VWR International and his Affiliates shall not be held liable for any damage resulting from handling.*

## SAFETY DATA SHEET

Revision Date 14-February-2020

Revision Number 4

### 1. Identification

**Product Name** Bismuth(III) nitrate pentahydrate

**Cat No. :** 12231

**CAS-No** 10035-06-0  
**Synonyms** Nitric acid, bismuth(3+) salt, pentahydrate; Bismuth trinitrate pentahydrate.

**Recommended Use** Laboratory chemicals.  
**Uses advised against** Food, drug, pesticide or biocidal product use.  
**Details of the supplier of the safety data sheet**

#### Company

**Importer/Distributor**  
Fisher Scientific  
112 Colonnade Road,  
Ottawa, ON K2E 7L6,  
Canada  
Tel: 1-800-234-7437

#### **Manufacturer**

Alfa Aesar  
Thermo Fisher Scientific Chemicals, Inc.  
30 Bond Street, Ward Hill, MA 01835-8099  
**Tel:** 800-343-0660 **Fax:** 800-322-4757  
**Email:** tech@alfa.com  
**www.alfa.com**

#### **Emergency Telephone Number**

During normal business hours (Monday-Friday, 8am-7pm EST), call (800) 343-0660.  
After normal business hours, call Carechem 24 at (800) 579-7421.

### 2. Hazard(s) identification

#### Classification

**WHMIS 2015 Classification** Classified as hazardous under the Hazardous Products Regulations (SOR/2015-17)

<b>Oxidizing solids</b>	Category 2
<b>Skin Corrosion/Irritation</b>	Category 2
<b>Serious Eye Damage/Eye Irritation</b>	Category 2
<b>Specific target organ toxicity (single exposure)</b>	Category 3
Target Organs - Respiratory system.	
<b>Specific target organ toxicity - (repeated exposure)</b>	Category 2
Target Organs - Kidney.	

#### Label Elements

##### **Signal Word**

Danger

##### **Hazard Statements**

May intensify fire; oxidizer  
Causes skin irritation

Causes serious eye irritation  
 May cause respiratory irritation  
 May cause damage to organs through prolonged or repeated exposure

**Precautionary Statements****Manufacturer**

Alfa Aesar  
 Thermo Fisher Scientific Chemicals, Inc.  
 30 Bond Street, Ward Hill, MA 01835-8099  
**Tel:** 800-343-0660 **Fax:** 800-322-4757  
**Email:** tech@alfa.com  
**www.alfa.com**

**Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
 Keep/Store away from clothing/combustible materials  
 Take any precaution to avoid mixing with combustibles  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Wash face, hands and any exposed skin thoroughly after handling  
 Use only outdoors or in a well-ventilated area  
 Wear protective gloves/protective clothing/eye protection/face protection

**Response**

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish  
 IF ON SKIN: Wash with plenty of soap and water  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 IF exposed or concerned: Get medical advice/attention  
 If skin irritation occurs: Get medical advice/attention  
 Take off contaminated clothing

**Storage**

Store locked up  
 Store in a well-ventilated place. Keep container tightly closed

**Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other Hazards**

May cause pulmonary edema

### 3. Composition/Information on Ingredients

Component	CAS-No	Weight %
Bismuth nitrate pentahydrate	10035-06-0	>95
Nitric acid, bismuth(3+) salt	10361-44-1	-

### 4. First-aid measures

**Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention.
<b>Inhalation</b>	Remove from exposure, lie down. Remove to fresh air. If not breathing, give artificial respiration. Get medical attention.
<b>Ingestion</b>	Do NOT induce vomiting. Get medical attention.
<b>Most important symptoms/effects Notes to Physician</b>	. May cause methemoglobinemia Treat symptomatically

## 5. Fire-fighting measures

<b>Suitable Extinguishing Media</b>	Water spray. Carbon dioxide (CO <sub>2</sub> ). Dry chemical. Chemical foam.
<b>Unsuitable Extinguishing Media</b>	No information available
<b>Flash Point</b>	No information available
<b>Method -</b>	No information available
<b>Autoignition Temperature</b>	No information available
<b>Explosion Limits</b>	
<b>Upper</b>	No data available
<b>Lower</b>	No data available
<b>Oxidizing Properties</b>	Oxidizer
<b>Sensitivity to Mechanical Impact</b>	No information available
<b>Sensitivity to Static Discharge</b>	No information available

### Specific Hazards Arising from the Chemical

Oxidizer: Contact with combustible/organic material may cause fire. May ignite combustibles (wood paper, oil, clothing, etc.). Thermal decomposition can lead to release of irritating gases and vapors.

### Hazardous Combustion Products

Nitrogen oxides (NO<sub>x</sub>).

### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### NFPA

**Health**  
2

**Flammability**  
0

**Instability**  
1

**Physical hazards**  
OX

## 6. Accidental release measures

<b>Personal Precautions</b>	Use personal protective equipment as required. Ensure adequate ventilation. Avoid contact with skin and eyes.
<b>Environmental Precautions</b>	Should not be released into the environment.
<b>Methods for Containment and Clean Up</b>	Sweep up and shovel into suitable containers for disposal. Do not let this chemical enter the environment. Avoid dust formation.

## 7. Handling and storage

<b>Handling</b>	Avoid contact with skin and eyes. Do not breathe dust. Do not breathe mist/vapors/spray. Do not ingest. If swallowed then seek immediate medical assistance. Keep away from clothing and other combustible materials.
<b>Storage</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store near combustible materials.

## 8. Exposure controls / personal protection

### Exposure Guidelines

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Engineering Measures

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

Wherever possible, engineering control measures such as the isolation or enclosure of the process, the introduction of process or equipment changes to minimise release or contact, and the use of properly designed ventilation systems, should be adopted to control hazardous materials at source

### Personal protective equipment

#### Eye Protection

Goggles

#### Hand Protection

Protective gloves

Glove material	Breakthrough time	Glove thickness	Glove comments
Natural rubber	See manufacturers	-	Splash protection only
Nitrile rubber	recommendations		
Neoprene			
PVC			

Inspect gloves before use. observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. (Refer to manufacturer/supplier for information) gloves are suitable for the task: Chemical compatibility, Dexterity, Operational conditions, User susceptibility, e.g. sensitisation effects, also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. gloves with care avoiding skin contamination.

### Respiratory Protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

To protect the wearer, respiratory protective equipment must be the correct fit and be used and maintained properly

**Recommended Filter type:** Particulates filter conforming to EN 143

When RPE is used a face piece Fit Test should be conducted

### Environmental exposure controls

No information available.

### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash hands before breaks and after work.

## 9. Physical and chemical properties

<b>Physical State</b>	Solid
<b>Appearance</b>	White
<b>Odor</b>	Odorless
<b>Odor Threshold</b>	No information available
<b>pH</b>	No information available
<b>Melting Point/Range</b>	30 °C / 86 °F
<b>Boiling Point/Range</b>	80 °C / 176 °F
<b>Flash Point</b>	No information available
<b>Evaporation Rate</b>	Not applicable
<b>Flammability (solid,gas)</b>	No information available
<b>Flammability or explosive limits</b>	
Upper	No data available

Lower	No data available
Vapor Pressure	No information available
Vapor Density	Not applicable
Specific Gravity	2.83
Solubility	No information available
Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	No information available
Decomposition Temperature	No information available
Viscosity	Not applicable
Molecular Formula	Bi N3 O9 . 5 H2 O
Molecular Weight	485.07

## 10. Stability and reactivity

<b>Reactive Hazard</b>	No
<b>Stability</b>	Hygroscopic. Oxidizer: Contact with combustible/organic material may cause fire.
<b>Conditions to Avoid</b>	Exposure to light. Incompatible products. Exposure to moist air or water. Combustible material. Excess heat.
<b>Incompatible Materials</b>	Strong acids, Reducing Agent, Finely powdered metals, Strong reducing agents, Combustible material
<b>Hazardous Decomposition Products</b>	Nitrogen oxides (NOx)
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
<b>Hazardous Reactions</b>	None under normal processing.

## 11. Toxicological information

### Acute Toxicity

#### Product Information Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Bismuth nitrate pentahydrate	LD50 = 4042 mg/kg ( Rat )	Not listed	Not listed

**Toxicologically Synergistic Products** No information available

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Irritation</b>	Irritating to eyes, respiratory system and skin
<b>Sensitization</b>	No information available
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
Bismuth nitrate pentahydrate	10035-06-0	Not listed	Not listed	Not listed	Not listed	Not listed
Nitric acid, bismuth(3+) salt	10361-44-1	Not listed	Not listed	Not listed	Not listed	Not listed

<b>Mutagenic Effects</b>	No information available
<b>Reproductive Effects</b>	No information available.
<b>Developmental Effects</b>	No information available.
<b>Teratogenicity</b>	No information available.



<b>STOT - single exposure</b>	Respiratory system
<b>STOT - repeated exposure</b>	Kidney
<b>Aspiration hazard</b>	No information available
<b>Symptoms / effects, both acute and delayed</b>	May cause methemoglobinemia
<b>Endocrine Disruptor Information</b>	No information available
<b>Other Adverse Effects</b>	The toxicological properties have not been fully investigated.

## 12. Ecological information

### Ecotoxicity

Do not empty into drains. .

<b>Persistence and Degradability</b>	Persistence is unlikely based on information available.
<b>Bioaccumulation/ Accumulation</b>	No information available.
<b>Mobility</b>	Will likely be mobile in the environment due to its volatility.

## 13. Disposal considerations

<b>Waste Disposal Methods</b>	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.
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## 14. Transport information

### DOT

<b>UN-No</b>	UN1477
<b>Proper Shipping Name</b>	NITRATES, INORGANIC, N.O.S.
<b>Hazard Class</b>	5.1
<b>Packing Group</b>	II

### TDG

<b>UN-No</b>	UN1477
<b>Proper Shipping Name</b>	NITRATES, INORGANIC, N.O.S.
<b>Hazard Class</b>	5.1
<b>Packing Group</b>	II

### IATA

<b>UN-No</b>	UN1477
<b>Proper Shipping Name</b>	NITRATES, INORGANIC, N.O.S.
<b>Hazard Class</b>	5.1
<b>Packing Group</b>	II

### IMDG/IMO

<b>UN-No</b>	UN1477
<b>Proper Shipping Name</b>	NITRATES, INORGANIC, N.O.S.
<b>Hazard Class</b>	5.1
<b>Packing Group</b>	II

## 15. Regulatory information

### International Inventories

Component	DSL	NDSL	TSCA	EINECS	ELINCS	PICCS	ENCS	AICS	KECL	IECSC
Bismuth nitrate pentahydrate	-	-	-	-	-	X	-	X	-	X
Nitric acid, bismuth(3+) salt	X	-	X	233-791-8	-	X	X	X	KE-03368	X

### Legend

**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**ENCS** - Japanese Existing and New Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**IECSC** - Chinese Inventory of Existing Chemical Substances

## Canada

SDS in compliance with provisions of information as set out in Canadian Standard - Part 4, Schedule 1 and 2 of the Hazardous Products Regulations (HPR) and meets the requirements of the HPR (Paragraph 13(1)(a) of the Hazardous Products Act (HPA)).

## 16. Other information

<b>Prepared By</b>	Product Safety Department Email: tech@alfa.com www.alfa.com
<b>Revision Date</b>	14-February-2020
<b>Print Date</b>	14-February-2020
<b>Revision Summary</b>	Mise à jour des systèmes de création SDS, remplace ChemGes SDS No. 10035-06-0/2.

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of SDS**



# Material Safety Data Sheet

## EMERGENCY NUMBERS:

(USA) CHEMTREC : 1(800) 424-9300 (24hrs)

(CAN) CANUTEC : 1(613) 996-6666 (24hrs)

(USA) Anachemia : 1(518) 297-4444

(CAN) Anachemia : 1(514) 489-5711

WHMIS	Protective Clothing	TDG Road/Rail
Not controlled under WHMIS (Canada).		Not controlled under TDG (Canada). PIN: Not applicable. PG: Not applicable.

## Section I. Product Identification and Uses

<b>Product name</b>	<b>BONE ASH</b>	<b>CI#</b>	Not available.
<b>Chemical formula</b>	Not available.	<b>CAS#</b>	68439-86-1
<b>Synonyms</b>	AC-1305, FA-201, 13064, 030-020-02, 030-020-02P	<b>Code</b>	AC-1305
<b>Supplier</b>	Anachemia Canada. 255 Norman. Lachine (Montreal), Que H8R 1A3	<b>Formula weight</b>	Not available.
		<b>Supersedes</b>	
<b>Material uses</b>	For laboratory use only.		

## Section II. Ingredients

Name	CAS #	%	TLV
1) BONE ASH	68439-86-1	60-100	Not established by ACGIH

### Toxicity values of the hazardous ingredients

BONE ASH:  
LD50: Not available.  
LC50: Not available.

**Section III. Physical Data**

<b>Physical state and appearance / Odor</b>	Solid. (White powder.)
<b>pH (1% soln/water)</b>	Not available.
<b>Odor threshold</b>	Not available.
<b>Percent volatile</b>	Not available.
<b>Freezing point</b>	Not available.
<b>Boiling point</b>	Not available.
<b>Specific gravity</b>	3.11 (Water = 1)
<b>Vapor density</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Water/oil dist. coeff.</b>	Not available.
<b>Evaporation rate</b>	Not applicable.
<b>Solubility</b>	Insoluble in cold water.

**Section IV. Fire and Explosion Data**

<b>Flash point</b>	Not applicable.
<b>Flammable limits</b>	Not applicable.
<b>Auto-ignition temperature</b>	Not available.
<b>Fire degradation products</b>	Oxides of phosphorus and calcium.
<b>Fire extinguishing procedures</b>	Use extinguishing media suitable for surrounding materials. Wear adequate personal protection to prevent contact with material or its combustion products. Self contained breathing apparatus with a full facepiece operated in a pressure demand or other positive pressure mode.
<b>Fire and Explosion Hazards</b>	The sensitivity to static discharge is not available. The sensitivity to impact is not available. Emits toxic fumes under fire conditions.

**Section V. Toxicological Properties**

<b>Routes of entry</b>	Inhalation and ingestion. Skin contact. Eye contact.
<b>Effects of Acute Exposure</b>	May be harmful by ingestion, inhalation, or skin absorption.
<b>Eye</b>	May cause irritation.
<b>Skin</b>	May cause irritation.
<b>Inhalation</b>	May cause respiratory tract irritation. Exposure can cause coughing, chest pains, difficulty in breathing. No specific information is available on this material.
<b>Ingestion</b>	No specific information is available on this material.

## Section V. Toxicological Properties

BONE ASH

page 3/4

**Effects of Chronic Overexposure** Carcinogenic effects: Not available. Mutagenic effects: Not available. Teratogenic effects: Not available. Toxicity of the product to the reproductive system: Not available. To the best of our knowledge, the chemical, physical, and toxicity of this substance has not been fully investigated. Medical conditions which may be aggravated: Individuals with preexisting diseases of the skin, eye, or respiratory system may be more susceptible to the toxicity of overexposure to this product.

## Section VI. First Aid Measures

**Eye contact** Immediately flush eyes with copious quantities of water for at least 15 minutes holding lids apart to ensure flushing of the entire surface. Call a physician.

**Skin contact** Immediately flush skin with plenty of water and soap for at least 15 minutes while removing contaminated clothing and shoes. Call a physician. Wash contaminated clothing before reusing.

**Inhalation** Remove patient to fresh air. Administer approved oxygen supply if breathing is difficult. Administer artificial respiration or CPR if breathing has ceased. Call a physician.

**Ingestion** Call a physician.

## Section VII. Reactivity Data

**Stability** Stable. Conditions to avoid: High temperatures, sparks, open flames and all other sources of ignition, contamination.

**Hazardous decomp. products** Not available.

**Incompatibility** Acids.

**Reaction Products** Aqueous solutions of calcium phosphate tribasic can liberate explosive hydrogen gas if in contact with reactive metals (aluminium, iron, zinc). Hazardous polymerization will not occur.

## Section VIII. Preventive Measures

BONE ASH

page 4/4

**Protective Clothing in case of spill and leak** Wear respirator, safety glass, rubber boots and heavy rubber glove

**Spill and leak** Keep substance damp using water spray. Sweep up and place in container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pick up is complete. DO NOT empty into drains. DO NOT touch spilled material.

**Waste disposal** According to all applicable regulations.

**Storage and Handling** Store in a cool place away from heated areas, sparks, and flame. Store in a well ventilated area. Store away from incompatible materials. Do not add any other material to the container. Do not wash down the drain. Do not breathe dust. Keep container tightly closed and dry. Manipulate in a well ventilated area or under an adequate fume hood. Avoid raising dust. Handle and open container with care. Minimize dust generation and exposure - use dust mask or appropriate protection. This product must be manipulated by qualified personnel. Do not get in eyes, on skin, or on clothing. Wash well after use. In accordance with good storage and handling practices. Do not allow smoking and food consumption while handling. Product is highly hygroscopic.

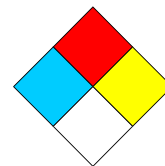
## Section IX. Protective Measures

**Protective clothing** Splash goggles. Impervious gloves, coveralls, and/or other resistant protective clothing. Sufficient to protect skin. Wear an effective dust mask, if dust may be present in the work atmosphere. Do not wear contact lenses. Make eye bath and emergency shower available. Ensure that eyewash station and safety shower is proximal to the work-station location.

**Engineering controls** Local mechanical exhaust ventilation capable of minimizing dust emissions at the point of use. Do not use in unventilated spaces.

## Section X. Other Information

**Special Precautions or comments** Do not breathe dust. Avoid all contact with the product. Avoid prolonged or repeated exposure. Manipulate in a well ventilated area or under an adequate fume hood. To the best of our knowledge, the chemical, physical and toxicity of this substance has not been fully investigated. Handle and open container with care. Container should be opened only by a technically qualified person.



NFPA

Prepared by MSDS Department/Département de F.S..

Validated 08-Jan-2015



*While the company believes the data set forth herein are accurate as of the date hereof, the company makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data are offered solely for your consideration, investigation and verification.*

SDS NO: DFC102 DATE PREPARED: 05/19/15 CURRENT DATE: 05/19/15

## SECTION 1: Identification

### Product Identifier:

**Name of Product:** Bone Ash Powder (Premium and Regular), Cupels,  
**Other Means of Identification:** Phosphate Salt  
**Recommended Use:** Fire Assay

**Manufacturer/Supplier:** DFC Ceramics, LLC  
515 South 9<sup>th</sup> Street  
Canon City, CO 81212

**Telephone General:** (719) 275-7525

**Emergency Telephone:** (800) 424-9300 – CHEMTREC

## SECTION 2: Hazard(s) Identification

### EMERGENCY OVERVIEW

**\*Caution\***

Components of these products are considered to be a nuisance, however, dust from these products generated by cutting or sanding may aggravate existing chronic lung conditions such as bronchitis, emphysema and asthma.

### United States (US)

According to OSHA 29 CFR 1910.1200 HCS

**Classification:** Not Classified  
**OSHA HCS 2012**

### Label Elements:

**GHS-US LABELING**

**HAZARD PICTOGRAMS (GHS-US)** Not applicable

**Signal Word (GHS-US):** Not applicable

SDS NO: DFC102      DATE PREPARED: 05/19/15      CURRENT DATE: 05/19/15

**Hazard Statements (GHS-US):**      Not applicable

**Precautionary Statements (GHS-US):**

**P280: Wear protective gloves, clothing, goggles, and respirator if cleaning up dust or creating dust from product during use.**

**P501: Dispose of contents/container in accordance with local, regional, national, and international regulation listed in section 13 of this document.**

**Response (GHS-US):**      Not applicable

**Storage/Disposal (GHS-US):** Store in original factory container in a dry area. Keep container closed when not in use. Avoid creating airborne dust. Follow routine housekeeping procedures. Vacuum only with HEPA filtered equipment. If sweeping is necessary, use a dust suppressant and place material in closed containers. **Do not use compressed air for clean-up.**

**Other Hazards:**      Not available

**Unknown Acute Toxicity (GHS-US):**      Not available

### SECTION 3: Composition/Information on Ingredients

**Substances:**

NAME	PRODUCT IDENTIFIER (CAS #)	% BY WEIGHT	OSHA PEL	ACGIH TLV
Calcium Phosphate	1306-06-5	Up to 100	Not Established	Not Established
Calcium Aluminate	12042-68-1	Up to 20	10 mg/m <sup>3</sup> (total); 5 mg/m <sup>3</sup> (respirable)	Not Established
Alumina Oxide	1344-28-1	Up to 5	15 mg/m <sup>3</sup> (total); 5 mg/m <sup>3</sup> (respirable)	10 mg/m <sup>3</sup>

( See Section 8 “ Exposure Controls / Personal Protection: for exposure guidelines. )



SDS NO:

DFC102

DATE PREPARED: 05/19/15

CURRENT DATE: 05/19/15

## **SECTION 4: First-aid Measures**

### **Description of First Aid Measures**

<b>Inhalation:</b>	Remove affected person to dust free location. See Section 8 to reduce or eliminate exposure.
<b>Eye Irritation:</b>	Flush with large amounts of water for at least 15 minutes. Do not rub eyes.
<b>Skin Irritation:</b>	Wash affected area gently with soap and water. Skin cream or lotion after washing may be helpful.
<b>Ingestion:</b>	Do not induce vomiting; drink plenty of water.

### **Most important symptoms and effects, both acute and delayed**

<b>Symptoms/Injuries:</b>	All symptoms should be temporary and should subside with treatment.
<b>Symptoms/Injuries after inhalation:</b>	Chronic respiratory conditions may be aggravated.
<b>Symptoms/Injuries after eye contact:</b>	Symptoms should be temporary, should subside with treatment, and may include redness, irritation, or laceration.
<b>Symptoms/Injuries after ingestion:</b>	Not applicable

**-If symptoms persist, seek medical attention.**

### **Indication of any immediate medical attention and special treatment needed**

-If symptoms persist, seek medical attention.

**\*If medical advice is needed, have product container or label at hand.**

SDS NO:

DFC102

DATE PREPARED: 05/19/15

CURRENT DATE: 05/19/15

## SECTION 5: Fire-fighting Measures

### Extinguishing Media

**Suitable extinguishing media:** Use extinguishing media suitable for type of surrounding fire.

### Special Hazards Arising From the Substance or Mixture

**Fire hazard:** None

**Explosion hazard:** None

**Reactivity:** None

### Advice for Firefighters

**Firefighting instructions:** Product is not flammable, and fires should be treated respective of what caused them and what is in the surrounding area.

## SECTION 6: Accidental Release Measures

### Personal Precautions, Protective Equipment and Emergency Procedures

**Spill/Leak Procedures:** Avoid creating airborne dust. Follow routine housekeeping procedures. Vacuum only with HEPA filtered equipment. If sweeping is necessary, use a dust suppressant and place material in closed containers. Avoid clean-up procedures that could result in water pollution. **Do not use compressed air for clean-up.**

### For Non-Emergency Personnel

**Protective equipment:** Gloves, goggles, and respirator

**Emergency procedures:** Not applicable

### For Emergency Responders

**Protective equipment:** Gloves, goggles, and respirator

**Emergency procedures:** Not applicable

### Methods and Material for Containment and Cleaning Up

**For containment:** See **Spill/ Leak Procedures** above

SDS NO:

DFC102

DATE PREPARED: 05/19/15

CURRENT DATE: 05/19/15

Methods for cleaning up: See **Spill/ Leak Procedures** above

### Reference to Other Sections

See heading 8, **Exposure controls and Personal Protection**

## SECTION 7: Handling and Storage

### Precautions for Safe Handling

**Additional hazards when processed:**

No specific handling procedures are required.

**Precautions for safe handling:**

Frequently clean the work area with HEPA filtered vacuum or wet seeping to minimize the accumulation of dust. **Do not use compressed air for clean-up.**

**Hygiene measures:**

Wash exposed skin with mild soap and water after exposure.

### Conditions for Safe Storage, Including Any Incompatibilities

**Storage conditions:**

This product is stable under all storage conditions. Store in the original factory container, in a dry area. Keep container closed when not in use.

**Incompatible products:**

Not applicable

**Storage area:**

Store in dry area in original container. Keep container closed when not in use.

**Special rules on packaging:**

Do not reuse product packaging as it may contain residue.

**Specific End Use(s):**

For fire assay purposes.

SDS NO: DFC102 DATE PREPARED: 05/19/15 CURRENT DATE: 05/19/15

## SECTION 8: Exposure Controls/Personal Protection

**\*Caution\***

Components of these products are considered to be a nuisance, however, dust from these products generated by cutting or sanding may aggravate existing chronic lung conditions such as bronchitis, emphysema and asthma.

### Control Parameters

NAME	PRODUCT IDENTIFIER (CAS #)	OSHA PEL	ACGIH TLV
Calcium Phosphate	1306-06-5	Not Established	Not Established
Calcium Aluminate	12042-68-1	10 mg/m <sup>3</sup> (total); 5 mg/m <sup>3</sup> (respirable)	Not Established
Alumina Oxide	1344-28-1	15 mg/m <sup>3</sup> (total); 5 mg/m <sup>3</sup> (respirable)	10 mg/m <sup>3</sup>

### Exposure Controls

Appropriate engineering controls:

Recommended Respiratory Protection When Handling Bone Ash Products:

**\*As produced and after service**

Concentration	Respirator
Up to PEL	No specific recommendation. A disposable N95 rated particulate respirator if desired.
1 to 10 times PEL	Half-mask, air-purifying respirator with high efficiency particulate air (HEPA) or P10 rated filter cartridges.
10 to 50 times PEL	Full face mask air-purifying respirator with HEPA or P100 rated filter cartridges or powered air-purifying respirator (PAPR) with HEPA or P100 rated filter cartridges.
50 times PEL	Full face mask positive pressure supplied air respirator.

**\*Note: For unknown concentration or working with other contaminants, consult and industrial hygienist for air monitoring and respirator selection.**

SDS NO: DFC102      DATE PREPARED: 05/19/15      CURRENT DATE: 05/19/15

**Personal protective equipment:**

- Hand protection:**                      Gloves may be worn, if desired, and respirator according to table above.
- Eye protection:**                      Goggles/safety glasses with side shields should be worn.
- Skin and body protection:**              Special equipment not required.
- Respiratory protection:**              If respirators are selected, use NIOSH/MSHA approved respirators, in compliance with OSHA Respiratory Protection Standard 29 CFR 1910.134 and 29 CFR 1926.103, for the particular hazard or airborne concentrations to be encountered in the work environment.
- Thermal hazard protection:**              Not applicable

**SECTION 9: Physical and Chemical Properties**

**Information on Basic Physical and Chemical Properties**

<b>Physical state</b>	: Phosphate salts
<b>Appearance</b>	: Pressed shape or fine, free-flowing powder
<b>Color</b>	: White
<b>Odor</b>	: None
<b>Odor Threshold</b>	: Not applicable
<b>pH</b>	: Not applicable
<b>Relative evaporation rate</b>	: Not applicable
<b>Melting point</b>	: 2750°
<b>Freezing point</b>	: Not applicable
<b>Boiling point</b>	: Not applicable
<b>Flash point</b>	: Not applicable
<b>Auto-ignition temperature</b>	: Not applicable
<b>Decomposition temperature</b>	: Not applicable
<b>Flammability (solid, gas)</b>	: Not applicable
<b>Vapor pressure</b>	: Not applicable
<b>Relative density at 20 * C</b>	: Not applicable
<b>Relative density</b>	: Not applicable

SDS NO:

DFC102

DATE PREPARED: 05/19/15

CURRENT DATE: 05/19/15

**Density** : Not applicable  
**Solubility** : Practically insoluble in water  
**Log Pow** : Not applicable  
**Log Kow** : Not applicable  
**Viscosity, kinematic** : Not applicable  
**Viscosity, dynamic** : Not applicable  
**Explosive properties** : Not applicable  
**Oxidizing properties** : Not applicable  
**Explosive limits** : Not applicable

## Other Information

### SECTION 10: Stability and Reactivity

**Reactivity:** Hazardous reactions will not occur.  
**Chemical Incompatibilities:** Unknown  
**Hazardous polymerization:** Hazardous polymerization will not occur.

**Chemical Stability:** Stable under normal usage conditions.

**Possibility of Hazardous Reactions:** Not applicable

**Condition to Avoid:**  
Chemical incompatibilities: Unknown

**Incompatible Materials:** Unknown

**Hazardous Decomposition Products:** Not applicable

SDS NO:

DFC102

DATE PREPARED: 05/19/15

CURRENT DATE: 05/19/15

## SECTION 11: Toxicological Information

### Information on Toxicological Effects

<b>Acute toxicity:</b>	Not Applicable
<b>Skin corrosion/irritation:</b>	Not Applicable
<b>Serious eye damage/irritation:</b>	Not Applicable
<b>Respiratory or skin sensitization:</b>	Not Applicable
<b>Germ cell mutagenicity:</b>	Not Applicable
<b>Carcinogenicity:</b>	Not Applicable
<b>Reproductive toxicity:</b>	Not available
<b>Specific target organ toxicity (single exposure):</b>	Not available
<b>Specific target organ (repeated exposure):</b>	Not available

**Aspiration hazard:** Not available

**Symptoms/injuries after inhalation:** Chronic respiratory conditions may be aggravated.  
**Symptoms/injuries after eye contact:** Symptoms should be temporary, should subside with treatment, and may include redness, irritation, or irritation from laceration.

**Symptoms/injuries after ingestion:** Do not induce vomiting; drink plenty of water.

#### **Epidemiology:**

\*The following information presents both human experience and the results of scientific experiments used by qualified experts to assess the effects of Bone Ash on the health of exposed individuals and to support the Precautionary Statements and Occupational Control Procedures recommended in this document. To avoid misunderstanding, the data provided in this section should be interpreted by individuals trained in evaluation of this type of information.

Inhalation and dermal contact are expected to be the primary routes of occupational exposure. Occupational exposure to this material has not been reported to cause significant adverse human health effects. On the basis of animal studies, exposure is not expected to produce adverse human health effects following normal workplace exposure.

SDS NO: DFC102      DATE PREPARED: 05/19/15      CURRENT DATE: 05/19/15

**Toxicology:**

<b>Oral LD<sub>50</sub> (Rat)</b>	≥7,940 mg/kg	Practically Nontoxic
<b>Dermal LD<sub>50</sub> (Rabbit)</b>	≥7,940 mg/kg	Practically Nontoxic
<b>Eye Irritation (Rabbit)</b>	(FSHA) Score=1.5/440.0	Practically Nontoxic
<b>Skin Irritation (Rabbit)</b>	(FSHA) Score=0.0/8.0	Practically Nonirritating

**SECTION 12: Ecological Information (Non-Mandatory)**

Adverse effects of this material on the environment are not anticipated.

**SECTION 13: Disposal Considerations (Non-Mandatory )**

**Waste Management**

To prevent waste materials becoming airborne during waste storage, transportation and disposal, a covered container or plastic bagging is recommended. Comply with federal, state and local regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in the SDS incomplete, inaccurate, or otherwise inappropriate.

**Method of disposal:** Landfill

**Disposal**

If discarded in its purchased form, this product would not be a hazardous waste under Federal regulations (40 CFR 261) either by listing or by characteristic. Under Federal regulations, it is the waste generator's responsibility to properly characterize a waste material, to determine if it is a hazardous waste. Check local, regional, state, or provincial regulations to identify all applicable disposal requirements.



SDS NO:

DFC102

DATE PREPARED: 05/19/15

CURRENT DATE: 05/19/15

## SECTION 14: Transport Information (Non-Mandatory)

### U.S. Department of Transportation (DOT)

Hazard Class:	Not Regulated
Labels:	Not Applicable
Placards:	Not Applicable
United Nations (UN) Number:	Not Applicable
North America (NA) Number:	Not Applicable
Bill of Lading:	Product Name

## SECTION 15: Regulatory Information (Non-Mandatory)

<u>SARA Title III:</u>	This product does not contain any substances reportable under Sections 302, 304, 313 (40 CFR 372). Sections 311 and 312 apply.
<u>OSHA:</u>	Comply with Hazard Communication Standards 29 CFR 1910.1200 and 29 CFR 1926.59 and Respiratory Protection Standard 29 CFR 1910.134 and 29 CFR 1926.103.
<u>TSCA:</u>	All substances contained in this product are listed in the TSCA Chemical Inventory section 8b.

## SECTION 16: Other Information,

**Indication of changes :** 05/19/2015

**Other information:** The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.



## SAFETY DATA SHEET BORAX ANHYDROUS

According to Regulation (EC) No 1907/2006

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name	BORAX ANHYDROUS
Product No.	B05
Synonyms, Trade Names	Sodium tetraborate (Borax), Sodium tetraborate pentahydrate CAS# 12179-04-3, Sodium tetraborate decahydrate CAS# 1303-96-4.
REACH Registration number	01-2119490790-32
REACH Registration notes	This is a substance of very high concern (SVHC) and is on the REACH Regulation (EC 1907/2006) Candidate List. According to REACH Annex V, paragraph 6; the hydrates of a substance are covered by the registration of the anhydrous material.
CAS-No.	1330-43-4
EU Index No.	005-011-00-4
EC No.	215-540-4

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Adhesive. Agricultural and horticultural applications. Catalysts. Construction Products. Flame retardants. Glass fibre production. Frits production. Glass production (Borosilicate and crystal glass). Inks/ paints. Nuclear applications. Reagent chemicals. Refractory Products. Refractories. Use of Borates in Industrial Fluids. Use of Borates in Metallurgy. Detergents and cleaners. Polymer production. A complete list of uses are provided in the annex to this SDS.
Uses advised against	None known.

#### 1.3. Details of the supplier of the safety data sheet

Supplier	Norkem Limited, Norkem House, Bexton Lane, Knutsford, Cheshire, WA16 9FB. UK. T: + 44 (0)1565 755550 F: + 44 (0)1565 755496 datasheet@norkem.com
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#### 1.4. Emergency telephone number

T: 01270 502891 (UK Transport emergencies only)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical and Chemical Hazards	Not classified.
Human health	Eye Irrit. 2 - H319; Repr. 1B - H360FD
Environment	Not classified.

##### Classification (67/548/EEC)

Repr. Cat. 2; R60, R61. Xi; R36.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

##### Physical and Chemical Hazards

Concentration limits for H360:

Sodium tetraborate anhydrous: C >= 4.5%

Sodium tetraborate pentahydrate: C >= 6.5%

Sodium tetraborate decahydrate: C >= 8.5%

For H319:

C >= 10.0%.

#### 2.2. Label elements

EC No.	215-540-4
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**BORAX ANHYDROUS**

Label In Accordance With (EC) No. 1272/2008



<b>Signal Word</b>	Danger	
<b>Hazard Statements</b>	H319 H360FD	Causes serious eye irritation. May damage fertility or the unborn child.
<b>Precautionary Statements</b>	P202 P281 P305+351+338  P308+313 P405 P501	Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. Store locked up. Dispose of contents/container in accordance with regional regulations.
<b>Supplementary Precautionary Statements</b>	P201 P280 P264 P313 P337+313	Obtain special instructions before use. Wear protective gloves/protective clothing/eye protection/face protection. Wash contaminated skin thoroughly after handling. Get medical advice/attention. If eye irritation persists: Get medical advice/attention.

**2.3. Other hazards**

Not Classified as PBT/vPvB by current EU criteria.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1. Substances**

<b>Product name</b>	BORAX ANHYDROUS
<b>REACH Registration number</b>	01-2119490790-32
<b>REACH Registration notes</b>	This is a substance of very high concern (SVHC) and is on the REACH Regulation (EC 1907/2006) Candidate List. According to REACH Annex V, paragraph 6; the hydrates of a substance are covered by the registration of the anhydrous material.
<b>CAS-No.</b>	1330-43-4
<b>EU Index No.</b>	005-011-00-4
<b>EC No.</b>	215-540-4
<b>Gross Formula</b>	Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub>

**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures****Inhalation**

Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

**Ingestion**

Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention.

**Skin contact**

Remove affected person from source of contamination. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

**Eye contact**

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.

**4.2. Most important symptoms and effects, both acute and delayed****General information**

See section 11 for additional information on health hazards.

**Inhalation.**

Irritation of nose, throat and airway.

**BORAX ANHYDROUS****Ingestion**

May cause gastrointestinal irritation. Nausea, vomiting. Diarrhoea.

**Skin contact**

No specific symptoms noted.

**Eye contact**

Causes serious eye irritation.

**4.3. Indication of any immediate medical attention and special treatment needed**

Observation only is required for adult ingestion of less than 5 grams. For ingestion in excess of 5 grams, maintain adequate kidney function and force fluids.

**SECTION 5: FIREFIGHTING MEASURES****5.1. Extinguishing media****Extinguishing media**

Use fire-extinguishing media appropriate for surrounding materials. The product is non-combustible.

**5.2. Special hazards arising from the substance or mixture****Specific hazards**

The product is non-combustible. If heated, harmful vapours may be formed.

**5.3. Advice for firefighters****Special Fire Fighting Procedures**

Cool containers exposed to flames with water until well after the fire is out. Move container from fire area if it can be done without risk.

Dike and collect extinguishing water.

**Protective equipment for fire-fighters**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation. Avoid inhalation of dust and vapours. Avoid dust formation.

**6.2. Environmental precautions**

Do not allow to enter drains, sewers or watercourses. Remove any intact containers from the water. Advise local water authority that none of the affected water should be used for irrigation or for the abstraction of potable water until natural dilution returns the boron level to its normal environmental background level.

**6.3. Methods and material for containment and cleaning up**

Wear necessary protective equipment. Stop leak if possible without risk. DO NOT touch spilled material. Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

**6.4. Reference to other sections**

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. Collect and dispose of spillage as indicated in section 13.

**SECTION 7: HANDLING AND STORAGE****7.1. Precautions for safe handling**

Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Avoid discharge into drains, water courses or onto the ground.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Store away from: Strong reducing agents. See also section 10.3.

**7.3. Specific end use(s)**

For further information see attached Exposure Scenario.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
BORAX ANHYDROUS	WEL		1 mg/m <sup>3</sup>			

**BORAX ANHYDROUS**

WEL = Workplace Exposure Limit.

**DNEL**

Industry	Inhalation.	Short Term	Local Effects	22.3 mg/m <sup>3</sup>
Industry	Inhalation.	Long Term	Systemic Effects	12.8 mg/m <sup>3</sup>
Industry	Dermal	Long Term	Systemic Effects	>42000 mg/kg/day
Consumer	Oral	Short Term	Systemic Effects	1.5
Consumer	Inhalation.	Short Term	Local Effects	22.3 mg/m <sup>3</sup>
Consumer	Dermal	Long Term	Systemic Effects	303.5 mg/kg/day
Consumer	Inhalation.	Long Term	Systemic Effects	6.5
Consumer	Oral	Long Term	Systemic Effects	1.5 mg/kg/day
Consumer	Inhalation.	Long Term	Systemic Effects	22.3

**PNEC**

Freshwater	1.35	mg/l	
Marinewater	1.35	mg/l	
Freshwater	Intermittent release	9.1	mg/l
Sediment (Freshwater)	1.8	mg/l	
Sediment (Marinewater)	1.8	mg/l	
Soil	5.4	mg/kg	
STP	1.75		

The units are expressed in 'mg/μg' of Boron. These PNECs are added value PNECs- they are to be added to the natural background levels of Boron. - in the appropriate compartments (e.g. soils, sediments). Sediment and soil PNEC values are in mg/kg are 'dry weight' (dw).

**8.2. Exposure controls****Protective equipment****Engineering measures**

Provide adequate general and local exhaust ventilation.

**Respiratory equipment**

If ventilation is insufficient, suitable respiratory protection must be provided. EN149. Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of dust.

**Hand protection**

Use protective gloves. The protective gloves to be used must comply with the specifications of Directive 89/686/EEC.

**Eye protection**

Wear approved safety goggles. Recommended: EN 166.

**Other Protection**

Provide eyewash, quick drench.

**Hygiene measures**

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

**Skin protection**

Wear suitable protective clothing to prevent skin contact.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

<b>Appearance</b>	Crystals.
<b>Colour</b>	Anhydrous solid: Clear // Hydrated forms: White.
<b>Odour</b>	Odourless.
<b>Solubility</b>	Slightly soluble in water.
<b>Initial boiling point and boiling range</b>	1575°C
<b>Melting point (°C)</b>	Anhydrous solid. 741°C
<b>Relative density</b>	Anhydrous solid. 2.3 (20°C)
<b>Bulk Density</b>	1140 kg/m <sup>3</sup>
<b>Vapour pressure</b>	Not applicable.

**BORAX ANHYDROUS****pH-Value, Diluted Solution** 9.25 (1%, 20°C)**Solubility Value (G/100G** 4.9**H2O@20°C)****Flash point**

Endpoint waived according to REACH Annex VII, IX or XI.

Not Applicable - Inorganic chemical.

**Partition Coefficient** - 1.09 (22°C)**(N-Octanol/Water)****Other Flammability**

The product has no flammability, explosive or self-inflammability properties.

**Oxidising properties**

Does not meet the criteria for oxidising.

**9.2. Other information****Mol. Weight** 201.22

Anhydrous solid.

**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

Reaction with strong reducing agents such as metal hydrides or alkali metals will generate hydrogen gas which could create an explosive hazard.

**10.2. Chemical stability**

Anhydrous solid: The substance is hygroscopic and will absorb water by contact with the moisture in the air. Hydrated forms: Loses water on heating.

**10.3. Possibility of hazardous reactions**

Reaction with strong reducing agents such as metal hydrides or alkali metals will generate hydrogen gas which could create an explosive hazard.

**Hazardous Polymerisation**

Will not polymerise.

**10.4. Conditions to avoid**

Water, moisture. Avoid heat.

**10.5. Incompatible materials****Materials To Avoid**

Strong reducing agents. Acetic anhydride. Alkali metals. Inorganic hydrides. Potassium. Acetic acid. Alkalis, carbonates and hydroxides. Carbonaten. Hydroxiden.

**10.6. Hazardous decomposition products**

None known.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects****Toxicological information**

Sodium Tetraborate Anhydrous is chemically and toxicologically related to Boric Acid; the majority of the Borate chronic toxicity studies were conducted using Boric Acid. Sodium Tetraborate Anhydrous is converted to Boric Acid in biological systems. The Boric Acid data discussed in this section can be converted to Sodium Tetraborate Anhydrous equivalent data by dividing by a factor of 1.2292.

**Acute toxicity:****Acute Toxicity (Oral LD50)**

&gt; 2000 mg/kg Rat

Test method(s): OECD 401. Testing was carried out using a structural analogue. ( Boric acid )

**Acute Toxicity (Dermal LD50)**

&gt; 2000 mg/kg Rabbit

Test method(s): FIFRA ( Sodium tetraborate pentahydrate )

**Acute Toxicity (Inhalation LC50)**

&gt; 2.03 mg/l (dust/mist) Rat 4 hours

Maximum attainable airborne concentration. Test method(s): OECD 403. Testing was carried out using a structural analogue. ( Boric acid )

**BORAX ANHYDROUS****Skin Corrosion/Irritation:****Dose**

500 mg 24 hr Rabbit

**Primary dermal irritation index (PDI)**

0.1 (72hr)

**Erythema/Eschar score**

Very slight erythema -barely perceptible (1).

**Oedema score**

No oedema (0).

Test method(s): FIFRA (40 CFR 163) ( Boric acid )

Not classified.

**Serious eye damage/irritation:**

Not classified. Test method(s): equivalent or similar to OECD 405. ( Sodium tetraborate pentahydrate )

**Respiratory or skin sensitisation:****Skin sensitisation**

Buehler test: Guinea Pig

Test method(s): OECD 406. ( Sodium tetraborate pentahydrate )

Not Sensitising.

**Germ cell mutagenicity:****Genotoxicity - In Vitro**

Gene Mutation:

Test method(s): equivalent or similar to OECD 471. ( Boric acid )

Negative.

**Genotoxicity - In Vivo**

Chromosome aberration:

Test method(s): equivalent or similar to OECD 474. ( Boric acid )

Negative.

**Carcinogenicity:****Carcinogenicity**

NOEL>1150 mg/kg Oral Mouse

Test method(s): equivalent or similar to OECD 451. ( Boric acid )

Not classified.

**Reproductive Toxicity:****Reproductive Toxicity - Fertility**

Three-generation study: LOAEL 58.5 mg/kg Oral Rat

The units are expressed in 'mg/µg' of: Boron. Test method(s): Toxicology and Applied Pharmacology 23: 351 - 364.

Known reproductive toxicant based on animal evidence.

**Reproductive Toxicity - Development**

Developmental toxicity: NOAEL 9.6 mg/kg Oral Rat

The units are expressed in 'mg/µg' of: Boron. Test method(s): OECD 414. The dose levels used in animal studies are significantly greater than those which humans would normally be exposed to. A human study of occupationally exposed Borate workers showed no adverse fertility effects.

May damage the unborn child.

**Specific target organ toxicity - single exposure:****STOT - Single exposure**

No information available.

**Specific target organ toxicity - repeated exposure:****STOT - Repeated exposure**

LOAEL 58.5 mg/kg Oral Rat

Not classified. Test method(s): Toxicology and Applied Pharmacology 23: 351 - 364. The units are expressed in 'mg/µg' of: Boron.

**Aspiration hazard:****Viscosity**

No data available.

## BORAX ANHYDROUS

### Inhalation

Dust may irritate throat and respiratory system and cause coughing.

### Ingestion

Irritating. May cause nausea, stomach pain and vomiting.

### Skin contact

May cause skin irritation/eczema.

### Eye contact

Irritating and may cause redness and pain.

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. Boron is the element in sodium tetraborate anhydrous that is used to characterise ecological effects. To convert Sodium tetraborate anhydrous data to Boron, multiply by 0.214.

#### 12.1. Toxicity

##### Acute Fish Toxicity

Boron naturally occurs in seawater at an average concentration of 5 mg B/liter. In laboratory studies the acute toxicity (96-hr LC50) for under-yearling Coho salmon (*Onchorhynchus kisutch*) in seawater was determined as 40 mg B/L (added as Sodium Metaborate). The Minimum Lethal Dose for minnows exposed to Boric Acid at 20°C for 6 hours is 18, 000 to 19, 000 mg/B/l in distilled water, 19, 000 to 19, 500 in hard water.

Rainbow trout (*S. gairdneri*) 24-day LC50 = 150.0 mg/B/L 36-day NOEC-LOEC = 0.75-1 mg/B/L Goldfish (*Carassius auratus*) 7-day NOEC-LOEC = 26.50 mg/B/L 3-day LC50 = 178 mg/B/L.

##### Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 133 mg/l *Daphnia magna*

The units are expressed in 'mg/µg' of: Boron. Test method(s): ASTM Standard E 729-80 Not classified.

##### Acute Toxicity - Aquatic Plants

EC50 72 hours 52.5 mg/l *Selenastrum capricornutum*

The units are expressed in 'mg/µg' of: Boron. Test method(s): OECD 201. Not classified. Summary values used in CSR: >229 mg-boric acid/L.

##### Acute Toxicity - Terrestrial

30 mg/kg *Anas Platyrhynchos* (Mallard duck)

Adverse affect seen in the growth rates of offspring. Test method(s): Test material fed daily to adults/parents.

#### 12.2. Persistence and degradability

##### Degradability

The product is degraded completely by hydrolysis. Boron is an essential micronutrient for healthy growth of plants. It can be harmful for boron sensitive plants in high quantities. The product is soluble in water and is easily absorbed by the soil. Boron is usually found in the soil and is absorbed by the mineral portion of the soil. At high levels it could be toxic to the environment. Limits for the final disposal of waste water: Boron = 2mg/l and disposal at sea: Boron = 10mg/l

#### 12.3. Bioaccumulative potential

##### Bioaccumulative potential

Will not bio-accumulate.

Partition coefficient - 1.09 (22°C)

#### 12.4. Mobility in soil

##### Mobility:

The product is soluble in water.

#### 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances. Not Applicable - Inorganic chemical.

#### 12.6. Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### General information

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority. Tonnage quantities of product should not be sent to landfills but should be reused for an appropriate application.

#### 13.1. Waste treatment methods



**BORAX ANHYDROUS**

Dispose of waste and residues in accordance with local authority requirements. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

**SECTION 14: TRANSPORT INFORMATION**

**General** The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**14.1. UN number**

Not applicable.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

Not applicable.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards****Environmentally Hazardous Substance/Marine Pollutant**

No.

**14.6. Special precautions for user**

Not applicable.

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

**SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Guidance Notes**

Workplace Exposure Limits EH40.

**EU Legislation**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

**15.2. Chemical Safety Assessment**

A chemical safety assessment has been carried out.

**SECTION 16: OTHER INFORMATION****General information**

The following information is provided to conform with article 13 of the EC Directive on Packaging and Packaging Waste 94/62/EC:

- Wherever possible we use returnable packaging and pallets. Details of these are on our Sales Contracts
- For any non-returnable packaging the cost of disposal is at your expense, but we do have a list of reprocessors available
- In most cases, but not all, we are able to supply products in returnable packaging but the additional cost of this will be for the customer's expense. Please ask for details with your specific requirements
- Any products supplied in returnable packaging is clearly marked to this effect.

**Revision Date** 18/10/2011

**Revision** 5

**Supersedes date** 20/06/2011

**Risk Phrases In Full**

R36 Irritating to eyes.  
R60 May impair fertility.  
R61 May cause harm to the unborn child.

**Hazard Statements In Full**

H319 Causes serious eye irritation.  
H360FD May damage fertility or the unborn child.

## BORAX ANHYDROUS

### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

**1. IDENTIFICATION****Product Identifier**

Product Name pH 7.00 Buffer, Yellow  
Product Number(s) 00654-04, 05942-10, 05942-41, 05942-42, 05942-44, 05942-45, 05942-15, 00653-09,  
00653-14, 00651-08, 00651-38, 00651-78, 98767-78, 98767-80  
This SDS applies to pH 7.00 buffers with Lot # starting with CC.  
Pure Substance/mixture Mixture

**Relevant identified uses of the substance or mixture and uses advised against**

Recommended Use Use as laboratory reagent  
Uses advised against No information available

**Manufacture/Supplier**

Cole-Parmer Instrument Company  
625 East Bunker Court  
Vernon Hills, IL  
60061 USA  
Tel: 1-800-323-4340

E-mail address info@coleparmer.com

Made In USA

**Emergency Telephone**

888-358-4717  
8:00 am – 6:00 pm CST

**2. HAZARDS IDENTIFICATION****Classification**

Classification - Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

Classification according to EU Directives 67/548/EEC or 1999/45/EC.

**Label Elements****Emergency Overview**

The product contains no substances which at their given concentration, are considered hazardous to health.

**Appearance** Light yellow

**Physical State** Liquid

**Odor** None

EUH210 - Safety data sheet available upon request.

**Precautionary Statements**

P202 - Do not handle until all safety information has been read and understood.

**Hazards not otherwise classified (HNOC)**

No information available

**Other Information**

No information available

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS-No	Weight %	Trade Secret
Water	7732-18-5	90-100 %	*
Potassium Dihydrogen Phosphate	7778-77-0	0-10 %	*
Cetylpyridinium Chloride	123-03-5	0-10 %	*
Sodium Hydrogen Phosphate	7558-79-4	0-10 %	*
Methyl Orange Solution 0.1%	547-58-0	0-10 %	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES**First Aid Measures

General Advice	Use first aid treatment according to the nature of the injury. For further assistance, contact your local Poison Control Center. Show this safety data sheet to the doctor in attendance.
Eye Contact	In case of eye contact, remove contact lens and rinse thoroughly with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.
Skin Contact	Wash off immediately with soap and plenty of water while removing all contaminated clothing and shoes. If skin reactions occur, contact a physician.
Inhalation	Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, obtain medical attention.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Do not include vomiting. Call a physician or Poison Control Center immediately.
Production of First-Aiders	Use personal protective equipment. See Section 8 for more detail. Do not use mouth to mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical devices.

Most important symptoms and effects, both acute and delayed

Most important symptoms/effects No information available

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically

**5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

No information available

Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating gases and vapors.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protective equipment. Refer to Section 8. Evacuate personnel to safe areas.

Environmental Precautions	Beware of vapors accumulating to form explosives concentrations. Vapors can accumulate in low areas.
<u>Method and Material for Containment and Cleaning Up</u>	
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Handling	To avoid risks to human health and the environment, comply with the instructions for use. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapors/spray. Ensure adequate ventilation, especially in confined areas.
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Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.
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### Conditions for Safe Storage, Including any Incompatibilities

Storage	Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Keep away from direct sunlight.
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Incompatible Products	No information available.
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### Specific end use(s)

Specific use	Laboratory reagent
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Risk Management Methods (RMM)	The information required is contained in this Safety Data Sheet.
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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

Exposure Guidelines	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
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### Appropriate Engineering Controls

Engineering Measures	Showers Eyewash stations Ventilation systems
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### Individual protection measures, such as personal protective equipment

Eye/face Protection	Wear chemical splash goggles. If splashes are likely to occur, wear: Face-shield.
Skin and Body Protection	Wear protection gloves/clothing
Respiratory Protection	None required under normal usage. In case of inadequate ventilation wear respiratory protection.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties.

Physical State	Liquid
Appearance	Light yellow
Odor	None
Odor Threshold	No information available
pH Range	5.8 - 8.2

<u>Property</u>	<u>Values</u>	<u>Remarks * Method</u>
Melting point/freezing point	No information available	

Boiling Point/Range	~ 100 °C / 212 °F
Flash Point (High in °C)	No information available
Evaporation Rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure	No information available
Vapor Density	No information available
Specific Gravity	No information available
Water Solubility	soluble
Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition Temperature	
Decomposition Temperature	No information available
Kinematic Viscosity	No information available
Dynamic Viscosity	No information available
Explosive Properties	No information available
Oxidizing Properties	No information available

**Other Information**

Softening Point	No information available
Molecular Weight	No information available
VOC Content (%)	No information available
Density	No information available
Bulk Density	No information available

**10. STABILITY AND REACTIVITY****Reactivity**

No information available

**Chemical Stability**

Stable under normal conditions

**Possibility of Hazardous Reactions**

None under normal processing

**Conditions to Avoid**

Extremes of temperature and direct sunlight

**Incompatible Materials**

No information available

**Hazardous Decomposition Products**

Thermal decomposition can lead to release of irritating gases and vapors.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

<b>Inhalation</b>	No information available
<b>Eye Contact</b>	No information available
<b>Skin Contact</b>	No information available
<b>Ingestion</b>	No information available

Component		LD50 Oral	LD50 Dermal	LC50 Inhalation
Water	7732-18-5	>90 mL/kg (Rat)	-	-
Cetylpyridinium Chloride	123-03-5	200 mg/kg (Rat)	-	LC50/4 H 0.05 mg/L (ATE)
Sodium Hydrogen Phosphate	7558-79-4	17000 mg/kg (Rat)	-	-
Potassium Dihydrogen Phosphate	7778-77-0	1700 mg/kg (Mouse)	-	-

**Information on Toxicological Effects**

**Symptoms** No information available

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available  
**Mutagenic Effects** No information available  
**Carcinogenicity** No information available  
**Reproductive Effects** No information available  
**STOT – single exposure** No information available  
**STOT – repeated exposure** No information available  
**Aspiration hazard** No information available

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Contains a substance which causes risk of hazardous effects to the environment.

**Persistence and Degradability**

This product is 100% inorganic and will not biodegrade

**Bioaccumulation/Accumulation**

No information available

**Mobility**

No information available

**Results of PBT and vPvB assessment**

No information available

**Other adverse effects**

No information available

**Endocrine Disruptor Information**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

**Waste Disposal Methods** Disposal should be in accordance with applicable regional, national and local laws and regulations. Do not discharge to sewer.

**Local disposal regulations** Not available.

**Hazardous waste code** Not regulated.

**Contaminated Packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

**14. TRANSPORT INFORMATION**

**DOT** Not regulated  
**TDG** Not regulated  
**MEX** Not regulated  
**ICAO** Not regulated  
**IATA** Not regulated  
**IMDG/IMO** Not regulated  
**RID** Not regulated  
**ADR** Not regulated  
**ADN** Not regulated

## 15. REGULATORY INFORMATION

### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

### International Inventories

USINV	Component listed
CANINV	Component listed
EINECS/ELINCS	Component listed
IECSC	Component listed
AICS	Component listed

USINV/TSCA – United States Toxic Substances Control Act Section 8(b) Inventory

CANINV/DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substance List

EINECS/ELINCS – European Inventory of Existing Commercial Chemical Substance / EU List of Notified Chemical Substances

IECSC – Chinese Inventory of Existing Chemical Substances

AICS – Australian Inventory of Chemical Substances

### U.S. Federal Regulations

This product is not known to be a “Hazardous Chemical” as defined by the OSHA Hazardous Communication Standard, 29 CFR 1910.1200.

### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does contains a chemical which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372.

### SARA 311/312 Hazardous Categorization

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

### Clean Water Act

This material, as supplied, does contains a component regulated as a hazardous substance under the Clean Water Act (Section 112(r) (40 CFR 68.130).

### CERCLA

This material, as supplied, does contains a component regulated as hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302.4) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional or state level pertaining to releases of this material.

### U.S. State Regulations

#### California Proposition 65

This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

#### State Right-to-Know

Massachusetts Right-to-Know Act – Substance List	Not regulated
New Jersey Worker and Community Right-to-Know Act	Not regulated
Pennsylvania Right-to-Know Act – Hazardous Substance	Not regulated
Rhode Island Right-to-Know Act	Not regulated

### U.S. EPA Label Information



No information available

## 16. OTHER INFORMATION

Revision Date: 12-June-2019

### Disclaimer:

**IMPORTANT:** The information contained in this SDS is correct to the best of our knowledge as of the issue date (or subsequent revision date, if any), and is to be used only as a guide. This SDS does not constitute a guarantee (express or implied) of any kind and we make no warranties of any kind as to the accuracy or completeness of the information contained herein or the merchantability or fitness of the product or this information for a particular purpose. It is the responsibility of each individual buyer/user to determine the suitability of this information and the product for its intended purposes. Product sales are subject to Cole Parmer standard terms and conditions of sale. This information relates only to the designated product as shipped and may not be valid if the product is used in combination with any other materials or is not used in accordance with our instructions, or is altered in any way. It is the responsibility of the buyer/user to ensure that its activities comply with all applicable government requirements. Since conditions of use of the product are not under direct control of Cole Parmer, it is the duty of the buyer/user to determine the necessary conditions for the safe use of the product. Cole Parmer will not be liable for any injuries or damages resulting from handling, use, misuse or contact with the product.



a xylem brand

Safety Data Sheet
According to the (US) Hazard Communication Standard (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Buffer Solution pH 10.00
Catalog Number: YSI 3823
Product Description: Laboratory chemical, for use in calibrating pH probes
Supplier: YSI, a Xylem brand
Manufacturer: NCL of Wisconsin, Inc.

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification: Reproductive Toxicity
Signal Word: Danger
Hazard Statements: H360
Precautionary Statements: P201, P202, P280, P308+P313, P405, P501
Other Hazards Not Contributing to the Classification: None under normal conditions



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity: Not applicable
Common Name: Not applicable

Mixture

Table with 3 columns: Name, CAS #, Approximate %. Rows include Water, Potassium Hydroxide, Disodium EDTA dihydrate, Potassium Carbonate, Potassium Borate, Bromphenol Blue, Sodium Salt, and Bromocresol Green, Sodium Salt.

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General First Aid Measures: Never give anything by mouth to an unconscious person.
If Inhaled: Remove person to fresh air and keep comfortable for breathing.
In Case of Skin Contact: Remove contaminated clothing and wash exposed skin with mild soap and water.
In Case of Eye Contact: Immediately flush eyes with plenty of water.

**If Swallowed**

Rinse mouth. Do NOT induce vomiting. Get medical attention if you feel unwell.

**Most Important Symptoms/Effects Acute and Delayed**

May damage fertility or the unborn child

**Indication of Immediate Medical Attention and Special Treatment Needed**

No additional information available.

**SECTION 5: FIRE-FIGHTING MEASURES****Extinguishing Media****Suitable Extinguishing Media**

Foam. Dry powder. Sand. Carbon dioxide. Water spray.

**Unsuitable Extinguishing Media**

Do not use high pressure water stream.

**Special Hazards Arising from the Chemical**

No additional information available.

**Special Protective Actions for Fire-Fighters**

Wear self-contained breathing apparatus and protective clothing. Keep exposed containers cool with water spray.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****Personal Precautions, Protective Equipment and Emergency Procedures****Personal Precautions**

Use personal protective equipment (see section 8). Evacuate area of non-essential personnel. Eliminate ignition sources.

**Environmental Precautions**

Prevent entry to surface and ground waters.

**Methods and Materials for Containment and Cleaning Up**

Clean up spills with inert solids. Collect spillage. Store away from other materials. Ensure compliance with federal, state, and local regulations.

**SECTION 7: HANDLING AND STORAGE****Precautions for Safe Handling**

Avoid contact with eyes and skin. Avoid breathing vapors. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use.

**Conditions for Safe Storage Including any Incompatibilities**

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Store away from heat sources, strong oxidizers and strong acids

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****Control Parameters**

<b>Potassium Hydroxide (1310-58-3)</b>		
USA ACGIH	ACGIH Ceiling (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>

**Appropriate Engineering Controls**

Provide adequate general ventilation. Maintain eye-wash fountain and quick-drench facilities in work area.

**Individual Protection Measures****Eye/Face Protection**

Avoid all unnecessary exposure.

Use chemical safety goggles and /or a full face shield where splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye-wash fountain and quick-drench facilities in work area.

**Skin Protection**

Rubber or neoprene gloves and additional protection including impervious boots, apron, or coveralls, as needed in areas of unusual exposure to prevent skin contact.

**Respiratory Protection**

Wear appropriate mask.

**Other Information**

Do not eat, drink, or smoke when using this product.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****Physical State**

Liquid

**Color**

Blue

**Odor**

Odorless

**Odor Threshold**

Not determined

**pH**

10

**Melting Point/Freezing Point**

Not determined

<b>Initial Boiling Point and Boiling Range</b>	Not determined
<b>Flash Point</b>	Not determined
<b>Evaporation Rate</b>	Not determined
<b>Flammability (Solid, Gas)</b>	Not determined
<b>Upper/Lower Flammability/Explosive Limits</b>	Not determined
<b>Vapor Pressure</b>	Not determined
<b>Vapor Density</b>	Not determined
<b>Relative Density</b>	1.00
<b>Solubility</b>	Soluble in water
<b>Partition Coefficient: n-octanol/water</b>	Not determined
<b>Auto-Ignition Temperature</b>	Not determined
<b>Decomposition Temperature</b>	Not determined
<b>Viscosity</b>	Not determined

#### SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	No data available
<b>Chemical Stability</b>	Stable under ordinary conditions of use and storage.
<b>Possibility of Hazardous Reactions</b>	No data available
<b>Conditions to Avoid</b>	Extremely high or low temperatures.
<b>Incompatible Materials</b>	Strong oxidizers and strong acids
<b>Hazardous Decomposition Products</b>	When heated to decomposition, can emit toxic gases, carbon dioxide, and carbon monoxide.

#### SECTION 11: TOXICOLOGICAL INFORMATION

<b>Acute Toxicity</b>	Not classified
<b>Potassium Hydroxide (1310-58-3)</b>	
<b>LD50 oral rat</b>	333 mg/kg, Rat; experimental value
<b>Water (7732-18-5)</b>	
<b>LD50 oral rat</b>	≥90000 mg/kg
<b>Skin Corrosion/Irritation</b>	Not classified
<b>Serious Eye Damage/Irritation</b>	Not classified
<b>Respiratory or Skin Sensitization</b>	Not classified
<b>Germ Cell Mutagenicity</b>	Not classified
<b>Carcinogenicity</b>	Not classified
<b>Reproductive Toxicity</b>	May damage fertility or the unborn child
<b>Specific Target Organ Toxicity (Single Exposure)</b>	Not classified
<b>Specific Target Organ Toxicity (Repeated Exposure)</b>	Not classified
<b>Aspiration Hazard</b>	Not classified
<b>Potential Adverse Human Health Effects and Symptoms</b>	No data available
<b>Other Information</b>	Not available

#### SECTION 12: ECOLOGICAL INFORMATION

<b>Toxicity</b>	Not applicable
<b>Persistence and Degradability</b>	Not applicable
<b>Bioaccumulative Potential</b>	Not applicable
<b>Mobility in Soil</b>	Not applicable
<b>Other Adverse Effects</b>	Not applicable

**SECTION 13: DISPOSAL CONSIDERATIONS****Methods of Disposal**

<b>Disposal Recommendations</b>	Dispose of contents/containers in accordance with federal, state, and local regulations.
<b>Other Information</b>	Avoid release to the surrounding environment.

<b>UN Number</b>	Not applicable
<b>UN Shipping Name</b>	Not applicable
<b>Transport Hazard Class(es)</b>	Not applicable
<b>Packing Group</b>	Not applicable
<b>Environmental Hazards</b>	Not applicable
<b>Transport in Bulk</b>	Not applicable
<b>Other Precautions</b>	Not applicable

**SECTION 15: REGULATORY INFORMATION**

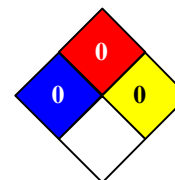
<b>Potassium Hydroxide (1310-58-3)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Disodium EDTA Dihydrate (6381-92-6)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Water (7732-18-5)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Potassium Carbonate (584-08-7)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Potassium Borate (1332-77-0)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Bromphenol Blue, Sodium Salt (62625-28-9)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Bromcresol Green, Sodium Salt (62625-32-5)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory

**SECTION 16: OTHER INFORMATION**

Revision Date: 12/10/2014

**NFPA Hazards**

<b>Health Hazard</b>	0: Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.
<b>Fire Hazard</b>	0: Materials that will not burn.
<b>Instability/Reactivity</b>	0: Normally stable, even under fire exposure conditions, and are not reactive with water.

**HMIS III Rating**

<b>Health</b>	0: No significant risk to health.
<b>Flammability</b>	0: Materials that will not burn.
<b>Physical Hazard</b>	0: Materials that are normally stable.
<b>Personal Protection</b>	A

YSI 3821	
Health	0
Flammability	0
Physical Hazard	0
Personal Protection	A

The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, NCL of Wisconsin, Inc. makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for their conditions of use. Accordingly, NCL of Wisconsin, Inc. will not be responsible for damages of any kind resulting from the use of or reliance upon such information.

**END OF SAFETY DATA SHEET**

**1. Identification**

<b>Product identifier</b>	<b>Copper Oxide (Rare Earth Base)</b>
<b>Other means of identification</b>	
<b>SDS number</b>	00360
<b>Part Number</b>	501-170
<b>Recommended use</b>	Use in accordance with supplier's recommendations. Laboratory Reagent.
<b>Recommended restrictions</b>	None known.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Supplier</b>	
<b>Company name</b>	LECO Corporation
<b>Address</b>	3000 Lakeview Avenue St. Joseph, MI 49085 United States
<b>Telephone</b>	269-983-5531
<b>Website</b>	www.leco.com
<b>E-mail</b>	info@leco.com
<b>Emergency phone number</b>	Chemtrec: 800-424-9300 Chemtrec Int'l: 703-527-3887

**2. Hazard(s) identification**

<b>Physical hazards</b>	Not classified.	
<b>Health hazards</b>	Acute toxicity, oral	Category 4
	Acute toxicity, inhalation	Category 4
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Carcinogenicity	Category 1A
	Specific target organ toxicity, repeated exposure	Category 1
<b>Environmental hazards</b>	Hazardous to the aquatic environment, acute hazard	Category 1
	Hazardous to the aquatic environment, long-term hazard	Category 1
<b>OSHA defined hazards</b>	Not classified.	
<b>Label elements</b>		



<b>Signal word</b>	Danger
<b>Hazard statement</b>	Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled. May cause cancer. Causes damage to organs through prolonged or repeated exposure. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.
<b>Precautionary statement</b>	
<b>Prevention</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

<b>Response</b>	If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Collect spillage.
<b>Storage</b>	Store in a dry place. Store in a well-ventilated place. Keep container tightly closed.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.
<b>Supplemental information</b>	89.55% of the mixture consists of component(s) of unknown acute dermal toxicity. 96.2% of the mixture consists of component(s) of unknown acute inhalation toxicity. 8% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 8% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

### 3. Composition/information on ingredients

#### Mixtures

Chemical name	Common name and synonyms	CAS number	%
COPPER(II) OXIDE		1317-38-0	80 - < 90
KAOLIN		1332-58-7	5 - < 10
DICOPPER OXIDE		1317-39-1	1 - < 3
CELLULOSE		9004-34-6	< 0.3

### 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Call a poison center or doctor/physician if you feel unwell.
<b>Skin contact</b>	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Get medical advice/attention if you feel unwell.
<b>Most important symptoms/effects, acute and delayed</b>	Direct contact with eyes may cause temporary irritation.
<b>Indication of immediate medical attention and special treatment needed</b>	Treat symptomatically.
<b>General information</b>	IF exposed or concerned: Get medical advice/attention.

### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Use fire-extinguishing media appropriate for surrounding materials.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gassing hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	Move containers from fire area if you can do so without risk.

### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Do not breathe dust. Ensure adequate ventilation. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Collect dust using a vacuum cleaner equipped with HEPA filter. Sweep up or vacuum up spillage and collect in suitable container for disposal. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Avoid release to the environment.

## 7. Handling and storage

### Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Minimize dust generation and accumulation. Do not breathe dust. Do not taste or swallow. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

Store in tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
CELLULOSE (CAS 9004-34-6)	PEL	5 mg/m <sup>3</sup>	Respirable fraction.
		15 mg/m <sup>3</sup>	Total dust.
KAOLIN (CAS 1332-58-7)	PEL	5 mg/m <sup>3</sup>	Respirable fraction.
		15 mg/m <sup>3</sup>	Total dust.

#### US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
KAOLIN (CAS 1332-58-7)	TWA	5 mg/m <sup>3</sup>	Respirable fraction.
		15 mg/m <sup>3</sup>	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.

#### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
CELLULOSE (CAS 9004-34-6)	TWA	10 mg/m <sup>3</sup>	
COPPER(II) OXIDE (CAS 1317-38-0)	TWA	1 mg/m <sup>3</sup>	Dust and mist.
		0.2 mg/m <sup>3</sup>	Fume.
DICOPPER OXIDE (CAS 1317-39-1)	TWA	1 mg/m <sup>3</sup>	Dust and mist.
		0.2 mg/m <sup>3</sup>	Fume.
KAOLIN (CAS 1332-58-7)	TWA	2 mg/m <sup>3</sup>	Respirable fraction.

#### US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
CELLULOSE (CAS 9004-34-6)	TWA	5 mg/m <sup>3</sup>	Respirable.
		10 mg/m <sup>3</sup>	Total
COPPER(II) OXIDE (CAS 1317-38-0)	TWA	0.1 mg/m <sup>3</sup>	Fume.
DICOPPER OXIDE (CAS 1317-39-1)	TWA	1 mg/m <sup>3</sup>	Dust and mist.
		0.1 mg/m <sup>3</sup>	Fume.
KAOLIN (CAS 1332-58-7)	TWA	5 mg/m <sup>3</sup>	Respirable.
		10 mg/m <sup>3</sup>	Total

### Biological limit values

No biological exposure limits noted for the ingredient(s).



**Appropriate engineering controls** Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. If engineering measures are not sufficient to maintain concentrations of dust/particulates below the Occupational Exposure Limit (OEL), suitable respiratory protection must be worn. If material is ground, cut, or used in any operation which may generate dusts, use appropriate local exhaust ventilation to keep exposures below the recommended exposure limits. Provide eyewash station and safety shower. Ensure adequate ventilation.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin protection**

**Hand protection** Wear appropriate chemical resistant gloves.

**Other** Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

**Respiratory protection** Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations** Observe any medical surveillance requirements. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**9. Physical and chemical properties**

**Appearance**

**Physical state** Solid.

**Form** Granules.

**Color** Gray to dark gray.

**Odor** Not available.

**Odor threshold** Not available.

**pH** Not available.

**Melting point/freezing point** Not available.

**Initial boiling point and boiling range** Not available.

**Flash point** Not available.

**Evaporation rate** Not available.

**Flammability (solid, gas)** Not available.

**Upper/lower flammability or explosive limits**

**Flammability limit - lower (%)** Not available.

**Flammability limit - upper (%)** Not available.

**Explosive limit - lower (%)** Not available.

**Explosive limit - upper (%)** Not available.

**Vapor pressure** Not available.

**Vapor density** Not available.

**Relative density** Not available.

**Solubility(ies)**

**Solubility (water)** Not available.

**Partition coefficient (n-octanol/water)** Not available.

**Auto-ignition temperature** Not available.

**Decomposition temperature** Not available.

**Viscosity** Not available.

## 10. Stability and reactivity

<b>Reactivity</b>	Not available.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Not available.
<b>Incompatible materials</b>	Not available.
<b>Hazardous decomposition products</b>	Copper fume.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Harmful if inhaled.
<b>Skin contact</b>	Causes skin irritation.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Ingestion</b>	Harmful if swallowed.

**Symptoms related to the physical, chemical and toxicological characteristics** Direct contact with eyes may cause temporary irritation.

### Information on toxicological effects

**Acute toxicity** Harmful if inhaled. Harmful if swallowed.

<b>Product</b>	<b>Species</b>	<b>Test Results</b>
Copper Oxide (Rare Earth Base)		
<b>Acute</b>		
<b>Inhalation</b>		
<i>Dust</i>		
ATEmix		3.944 mg/l
<b>Oral</b>		
ATEmix		557.8 mg/kg

<b>Components</b>	<b>Species</b>	<b>Test Results</b>
DICOPPER OXIDE (CAS 1317-39-1)		
<b>Acute</b>		
<b>Oral</b>		
LD50	Rat	0.47 g/kg
KAOLIN (CAS 1332-58-7)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rat	> 5000 mg/kg
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/eye irritation** Causes serious eye irritation.

### Respiratory or skin sensitization

**Respiratory sensitization** Due to partial or complete lack of data the classification is not possible.

**Skin sensitization** Due to partial or complete lack of data the classification is not possible.

**Germ cell mutagenicity** Due to partial or complete lack of data the classification is not possible.

**Carcinogenicity** May cause cancer.

### IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

## US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

<b>Reproductive toxicity</b>	Due to partial or complete lack of data the classification is not possible.
<b>Specific target organ toxicity - single exposure</b>	Due to partial or complete lack of data the classification is not possible.
<b>Specific target organ toxicity - repeated exposure</b>	Causes damage to organs through prolonged or repeated exposure.
<b>Aspiration hazard</b>	Due to partial or complete lack of data the classification is not possible.
<b>Chronic effects</b>	Causes damage to organs through prolonged or repeated exposure.

## 12. Ecological information

**Ecotoxicity** Very toxic to aquatic life with long lasting effects.

Components	Species	Test Results
COPPER(II) OXIDE (CAS 1317-38-0)		
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Daphnia magna) 0.011 - 0.039 mg/l, 48 hours
Fish	LC50	Western mosquitofish (Gambusia affinis) > 56000 mg/l, 96 hours

**Persistence and degradability** No data is available on the degradability of any ingredients in the mixture.

**Bioaccumulative potential** No data available.

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Disposal instructions** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

### DOT

<b>UN number</b>	UN3077
<b>UN proper shipping name</b>	Environmentally hazardous substances, solid, n.o.s. (COPPER(II) OXIDE), MARINE POLLUTANT
<b>Transport hazard class(es)</b>	
<b>Class</b>	9
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	9
<b>Packing group</b>	III
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

### IATA

<b>UN number</b>	UN3077
<b>UN proper shipping name</b>	Environmentally hazardous substance, solid, n.o.s. (COPPER(II) OXIDE)
<b>Transport hazard class(es)</b>	
<b>Class</b>	9
<b>Subsidiary risk</b>	-
<b>Packing group</b>	III
<b>Environmental hazards</b>	Yes
<b>ERG Code</b>	9L
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Other information</b>	
<b>Passenger and cargo aircraft</b>	Allowed with restrictions.
<b>Cargo aircraft only</b>	Allowed with restrictions.

**IMDG**

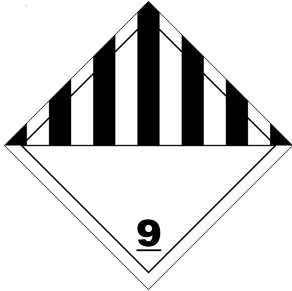
**UN number** UN3077  
**UN proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (COPPER(II) OXIDE), MARINE POLLUTANT

**Transport hazard class(es)**  
**Class** 9  
**Subsidiary risk** -  
**Packing group** III

**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

**DOT; IATA; IMDG**



**Marine pollutant**



**15. Regulatory information**

**US federal regulations**

**Toxic Substances Control Act (TSCA)**

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

COPPER(II) OXIDE (CAS 1317-38-0) Listed.

DICOPPER OXIDE (CAS 1317-39-1) Listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** Yes

**Classified hazard categories** Acute toxicity (any route of exposure)  
Skin corrosion or irritation  
Serious eye damage or eye irritation  
Carcinogenicity  
Specific target organ toxicity (single or repeated exposure)

**SARA 313 (TRI reporting)**

Chemical name	CAS number	% by wt.
COPPER(II) OXIDE	1317-38-0	80 - < 90
DICOPPER OXIDE	1317-39-1	1 - < 3

**Other federal regulations****Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Contains component(s) regulated under the Safe Drinking Water Act.**US state regulations****California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information, including date of preparation or last revision****Issue date** 01-13-2015**Revision date** 11-08-2019**Version #** 03**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Supplier cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use.

### Section 1. Identification

**Product identifier** : HIGH CALCIUM HYDRATED LIME  
**Product code** : Q07486

#### Relevant identified uses of the substance or mixture

##### Identified uses

Industrial applications

**Supplier's details** : QUADRA CHEMICALS LTD.  
 3901 F.X Tessier  
 Vaudreuil-Dorion, QC  
 CANADA J7V 5V5  
 1-800-665-6553

**Emergency telephone number (with hours of operation)** : **TRANSPORTATION EMERGENCY - 24HRS/DAY - 7 DAYS/WEEK IN CANADA - CALL 1-800-567-7455**

### Section 2. Hazard identification

**Classification of the substance or mixture** : SKIN CORROSION - Category 1  
 SERIOUS EYE DAMAGE - Category 1  
 CARCINOGENICITY - Category 1  
 Health Hazards Not Otherwise Classified - Category 1

#### GHS label elements

##### Hazard pictograms



**Signal word** : Danger

**Hazard statements** : Causes severe digestive tract burns.  
 Causes severe respiratory tract burns.  
 Causes severe skin burns and eye damage.  
 May cause cancer.

#### Precautionary statements

**Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing. Do not breathe dust or mist. Wash hands thoroughly after handling.

**Response** : IF exposed or concerned: Get medical attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or physician. IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or

## Section 2. Hazard identification

- physician.
- Storage** : Store locked up.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** : Keep container tightly closed. Do not taste or swallow. Use only with adequate ventilation. Wash thoroughly after handling. Do not breathe dust.

## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

Ingredient name	% (w/w)	CAS number
calcium hydroxide	90 - 100	1305-62-0
quartz	0.0001 - 1	14808-60-7

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First-aid measures

### Description of necessary first aid measures

- Eye contact** : Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
- Inhalation** : Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Get medical attention immediately. Call a poison center or physician. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

## Section 4. First-aid measures

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : Causes serious eye damage.
- Inhalation** : Severely corrosive to the respiratory system.
- Skin contact** : Causes severe burns.
- Ingestion** : Severely corrosive to the digestive tract. Causes severe burns. May cause burns to mouth, throat and stomach.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain  
watering  
redness
- Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing
- Skin contact** : Adverse symptoms may include the following:  
pain or irritation  
redness  
blistering may occur
- Ingestion** : Adverse symptoms may include the following:  
stomach pains

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : No specific fire or explosion hazard.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
metal oxide/oxides

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.



## Section 5. Fire-fighting measures

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

**Small spill** : Move containers from spill area. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

**Large spill** : Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

**Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe dust. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

## Section 7. Handling and storage

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
calcium hydroxide	<b>ACGIH TLV (United States, 3/2016).</b> TWA: 5 mg/m <sup>3</sup> 8 hours.
quartz	<b>ACGIH TLV (United States, 3/2016).</b> TWA: 0.025 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction

**Appropriate engineering controls** : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## Section 8. Exposure controls/personal protection

- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

- Physical state** : Solid. [Powder.]
- Color** : White.
- Odor** : Earthy. Sweet.
- Odor threshold** : Not available.
- pH** : 12.45 (saturated solution)
- Melting point** : Not available.
- Boiling point** : Not available.
- Flash point** : Not available.
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : Not available.
- Vapor pressure** : Not available.
- Vapor density** : Not available.
- Relative density** : 2.3 to 2.4
- Density** : Not available.
- Solubility** : Very slightly soluble in the following materials: cold water.
- Solubility in water** : 1.65 g/l
- Dispersibility properties** : Not available.
- Partition coefficient: n-octanol/water** : Not available.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : 540°C (1004°F)
- Viscosity** : Not available.
- Volatility** : Not available.

## Section 10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : No specific data.
- Incompatible materials** : organic materials  
metals  
acids  
moisture

## Section 10. Stability and reactivity

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
calcium hydroxide	LD50 Oral	Rat	7340 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
calcium hydroxide	Eyes - Severe irritant	Rabbit	-	10 milligrams	-

#### Sensitization

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

Not available.

#### Carcinogenicity Classification

Product/ingredient name	IARC	NTP	ACGIH
quartz	1	Known to be a human carcinogen.	A2

#### Reproductive toxicity

Not available.

#### Teratogenicity

Not available.

#### Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
quartz	Category 1	Inhalation	Not determined

#### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Routes of entry anticipated: Oral, Inhalation.

#### Potential acute health effects

**Eye contact** : Causes serious eye damage.

**Inhalation** : Severely corrosive to the respiratory system.

**Skin contact** : Causes severe burns.

## Section 11. Toxicological information

**Ingestion** : Severely corrosive to the digestive tract. Causes severe burns. May cause burns to mouth, throat and stomach.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : Adverse symptoms may include the following:  
pain  
watering  
redness

**Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing

**Skin contact** : Adverse symptoms may include the following:  
pain or irritation  
redness  
blistering may occur

**Ingestion** : Adverse symptoms may include the following:  
stomach pains

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Potential chronic health effects

**General** : Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.

**Carcinogenicity** : May cause cancer. Risk of cancer depends on duration and level of exposure.

### Numerical measures of toxicity

#### Acute toxicity estimates

Not available.

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
calcium hydroxide	Acute LC50 33884.4 µg/l Fresh water	Fish - Clarias gariepinus - Fingerling	96 hours

### Persistence and degradability

Not available.

### Bioaccumulative potential

Not available.

## Section 12. Ecological information

### Mobility in soil

Soil/water partition coefficient (K<sub>oc</sub>) : Not available.

Other adverse effects : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	TDG Classification
UN number	Not regulated.
UN proper shipping name	-
Transport hazard class(es)	-
Packing group	-
Additional information	Not available.

## Section 15. Regulatory information

Canada inventory : All components are listed or exempted.

## Section 16. Other information

### History

Date of issue/Date of revision : 26 May 2017

Prepared by : Regulatory Affairs

## Section 16. Other information

### Key to abbreviations

: ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
LogPow = logarithm of the octanol/water partition coefficient  
UN = United Nations  
HPR = Hazardous Products Regulations

### Procedure used to derive the classification

Classification	Justification
SKIN CORROSION - Category 1	On basis of test data
SERIOUS EYE DAMAGE - Category 1	On basis of test data
CARCINOGENICITY - Category 1	Calculation method
Health Hazards Not Otherwise Classified - Category 1	Calculation method

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

## Section 1. Identification

**Product identifier** : MKP (C)  
**Product code** : Q10118

### Relevant identified uses of the substance or mixture

#### Identified uses

Industrial applications

**Supplier's details** : QUADRA CHEMICALS LTD.  
 3901 F.X Tessier  
 Vaudreuil-Dorion, QC  
 CANADA J7V 5V5  
 1-800-665-6553

**Emergency telephone number (with hours of operation)** : TRANSPORTATION EMERGENCY - 24HRS/DAY - 7 DAYS/WEEK IN CANADA - CALL 1-800-567-7455

## Section 2. Hazard identification

**Classification of the substance or mixture** : Not classified.

### GHS label elements

**Signal word** : No signal word.  
**Hazard statements** : No known significant effects or critical hazards.  
**Precautionary statements**  
**Prevention** : Not applicable.  
**Response** : Not applicable.  
**Storage** : Not applicable.  
**Disposal** : Not applicable.

## Section 3. Composition/information on ingredients

**Substance/mixture** : Substance

<b>Ingredient name</b>	<b>% (w/w)</b>	<b>CAS number</b>
potassium dihydrogenorthophosphate	99 - 100	7778-77-0

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.



## Section 4. First-aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- Ingestion** : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
- Inhalation** : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
irritation  
redness
- Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing
- Skin contact** : No specific data.
- Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

## Section 5. Fire-fighting measures

- Specific hazards arising from the chemical** : No specific fire or explosion hazard.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
phosphorus oxides  
metal oxide/oxides
- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing dust. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid breathing dust.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

## Section 7. Handling and storage

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
potassium dihydrogenorthophosphate	-

**Appropriate engineering controls** : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. If operating conditions cause high dust concentrations to be produced, use dust goggles.

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

<b>Physical state</b>	: Solid. [Granular Powder.]
<b>Color</b>	: White.
<b>Odor</b>	: Odorless.
<b>Odor threshold</b>	: Not available.
<b>pH</b>	: Not available.
<b>Melting point</b>	: 253°C (487.4°F)
<b>Boiling point</b>	: Decomposition temperature: 400°C (752°F)
<b>Flash point</b>	: Not available.
<b>Evaporation rate</b>	: Not available.
<b>Flammability (solid, gas)</b>	: Not available.
<b>Lower and upper explosive (flammable) limits</b>	: Not available.
<b>Vapor pressure</b>	: Not available.
<b>Vapor density</b>	: Not available.
<b>Relative density</b>	: 2.34
<b>Density</b>	: Not available.
<b>Solubility</b>	: Soluble in the following materials: cold water.
<b>Solubility in water</b>	: 220 g/l
<b>Dispersibility properties</b>	: Not available.
<b>Partition coefficient: n-octanol/water</b>	: Not available.
<b>Auto-ignition temperature</b>	: Not available.
<b>Decomposition temperature</b>	: 400°C (752°F)
<b>Viscosity</b>	: Not available.
<b>Volatility</b>	: 0% (v/v)

## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: No specific data.
<b>Incompatible materials</b>	: No specific data.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Not available.

#### Irritation/Corrosion

Not available.

#### Sensitization

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

Not available.

#### Reproductive toxicity

Not available.

#### Teratogenicity

Not available.

#### Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

Not available.

#### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Routes of entry anticipated: Oral, Inhalation.

### Potential acute health effects

- Eye contact** : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
- Inhalation** : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:  
irritation  
redness
- Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing
- Skin contact** : No specific data.
- Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

## Section 11. Toxicological information

### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Potential chronic health effects

**General** : Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.

### Numerical measures of toxicity

#### Acute toxicity estimates

Not available.

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
potassium dihydrogenorthophosphate	Chronic NOEC 48 mg/l Marine water	Algae - Hormosira banksii - Gamete	72 hours

### Persistence and degradability

Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	<b>TDG Classification</b>
<b>UN number</b>	Not regulated.
<b>UN proper shipping name</b>	-
<b>Transport hazard class(es)</b>	-
<b>Packing group</b>	-
<b>Additional information</b>	Not available.

## Section 15. Regulatory information

**Canada inventory** : All components are listed or exempted.

## Section 16. Other information

### History

**Date of issue/Date of revision** : 16 January 2019

**Prepared by** : Regulatory Affairs

**Key to abbreviations** : ATE = Acute Toxicity Estimate  
 BCF = Bioconcentration Factor  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 LogPow = logarithm of the octanol/water partition coefficient  
 UN = United Nations  
 HPR = Hazardous Products Regulations

### Procedure used to derive the classification

<b>Classification</b>	<b>Justification</b>
Not classified.	

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

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**SAFETY DATA SHEET**

**POL-E-Z™ 83904**

**Section: 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : POL-E-Z™ 83904

Other means of identification : Not applicable.

Recommended use : FLOCCULANT

Restrictions on use : Refer to available product literature or ask your local Sales Representative for restrictions on use and dose limits.

Company : Nalco Canada ULC  
1055 Truman Street  
Burlington, Ontario L7R 3Y9  
Canada  
TEL: (905)633-1000

Emergency telephone number : (800)463-3216 (24 Hours)  
For Transportation Emergencies call CANUTEC 613-996-6666 (24 hours)

Issuing date : 2017/10/20

**Section: 2. HAZARDS IDENTIFICATION**

**GHS Classification**

Eye irritation : Category 2B

**GHS Label element**

Signal Word : Warning

Hazard Statements : Causes eye irritation.

Precautionary Statements : **Prevention:**  
Wash skin thoroughly after handling.  
**Response:**  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
**Disposal:**  
Dispose of contents/ container to an approved waste disposal plant.

**Other hazards** : Mix thoroughly before use. If swallowed a jelly mass may form which in digestion may cause blockage. Water in contact with the product will cause slippery floor conditions.

**Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Pure substance/mixture : Mixture

Chemical Name	CAS-No.	Concentration: (%) (w/w)
Hydrotreated Light Distillate	64742-47-8	10 - 30
Sodium Chloride	7647-14-5	5 - 10
Ethoxylated C10-16 Alcohols	68002-97-1	1 - 5
Ethoxylated Sorbitan Monostearate	9005-67-8	1 - 5

# SAFETY DATA SHEET

**POL-E-Z™ 83904**

## Section: 4. FIRST AID MEASURES

- In case of eye contact : Rinse with plenty of water. Get medical attention if symptoms occur.
- In case of skin contact : Wash off with soap and plenty of water. Get medical attention if symptoms occur.
- If swallowed : Rinse mouth. Get medical attention if symptoms occur.
- If inhaled : Get medical attention if symptoms occur.
- Protection of first-aiders : In event of emergency assess the danger before taking action. Do not put yourself at risk of injury. If in doubt, contact emergency responders. Use personal protective equipment as required.
- Notes to physician : Treat symptomatically. If swallowed a jelly mass may form which in digestion may cause blockage.
- Most important symptoms and effects, both acute and delayed : See Section 11 for more detailed information on health effects and symptoms.

## Section: 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : Do not use water unless flooding amounts are available.
- Specific hazards during firefighting : Not flammable or combustible.
- Hazardous combustion products : Decomposition products may include the following materials: Carbon oxides nitrogen oxides (NOx) metal oxides
- Special protective equipment for firefighters : Use personal protective equipment.
- Specific extinguishing methods : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

## Section: 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Spills of this product are very slippery. Refer to protective measures listed in sections 7 and 8.
- Environmental precautions : Do not allow contact with soil, surface or ground water.
- Methods and materials for containment and cleaning up : Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth,

# SAFETY DATA SHEET

**POL-E-Z™ 83904**

vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Flush away traces with water.

## Section: 7. HANDLING AND STORAGE

- Advice on safe handling : Wash hands thoroughly after handling. Use only with adequate ventilation. Stir well prior to use.
- Conditions for safe storage : Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers. Store separately from oxidizers. Protect product from freezing.
- Suitable material : The following compatibility data is suggested based on similar product data and/or industry experience: Compatibility with Plastic Materials can vary; we therefore recommend that compatibility is tested prior to use.
- Unsuitable material : not determined

## Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Components	CAS-No.	Form of exposure	Permissible concentration	Basis
Hydrotreated Light Distillate	64742-47-8	TWA	500 ppm 2,000 mg/m <sup>3</sup>	OSHA Z1
		TWA	200 mg/m <sup>3</sup> (as total hydrocarbon vapor)	ACGIH
		TWA (Mist)	5 mg/m <sup>3</sup>	OSHA Z1
		TWA (Mist)	5 mg/m <sup>3</sup>	NIOSH REL
		STEL (Mist)	10 mg/m <sup>3</sup>	NIOSH REL
Ethoxylated Sorbitan Monostearate	9005-67-8	TWA	10 mg/m <sup>3</sup>	ACGIH

- Engineering measures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

### Personal protective equipment

- Eye protection : Safety glasses
- Hand protection : Wear protective gloves.  
Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
- Skin protection : Wear suitable protective clothing.
- Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Remove

## SAFETY DATA SHEET

**POL-E-Z™ 83904**

and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling.

Human Exposure Characterization :

Based on our recommended product application and personal protective equipment, the potential human exposure is: Low

### Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Liquid
Colour	: white
Odour	: odourless
Flash point	: > 93.3 °C
pH	: 7.1,(100.0 %)
Odour Threshold	: no data available
Melting point/freezing point	: FREEZING POINT: , No data available.
Initial boiling point and boiling range	: no data available
Evaporation rate	: no data available
Flammability (solid, gas)	: no data available
Upper explosion limit	: no data available
Lower explosion limit	: no data available
Vapour pressure	: no data available
Relative vapour density	: no data available
Relative density	: 1.0615 - 1.0915, (15.6 °C),
Density	: 8.85 - 9.11 lb/gal
Water solubility	: completely soluble
Solubility in other solvents	: no data available
Partition coefficient: n-octanol/water	: no data available
Auto-ignition temperature	: no data available
Thermal decomposition	: no data available
Viscosity, dynamic	: 550 mPa.s (23.9 °C) 1,350 mPa.s (4.4 °C)
Viscosity, kinematic	: > 500 mm <sup>2</sup> /s (23.9 °C)
Molecular weight	: no data available
VOC	: 0.03 %

### Section: 10. STABILITY AND REACTIVITY

Chemical stability : Stable under normal conditions.

## SAFETY DATA SHEET

**POL-E-Z™ 83904**

Possibility of hazardous reactions	: No dangerous reaction known under conditions of normal use.
Conditions to avoid	: Freezing temperatures. Extremes of temperature
Incompatible materials	: Addition of water results in gelling. Contact with strong oxidizers (e.g. chlorine, peroxides, chromates, nitric acid, perchlorate, concentrated oxygen, permanganate) may generate heat, fires, explosions and/or toxic vapors.
Hazardous decomposition products	: Decomposition products may include the following materials: Carbon oxides nitrogen oxides (NOx) metal oxides

### Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : Inhalation, Eye contact, Skin contact

#### Potential Health Effects

Eyes	: Causes eye irritation.
Skin	: Health injuries are not known or expected under normal use.
Ingestion	: If swallowed a jelly mass may form which in digestion may cause blockage.
Inhalation	: Health injuries are not known or expected under normal use.
Chronic Exposure	: Health injuries are not known or expected under normal use.

#### Experience with human exposure

Eye contact	: Redness, Irritation
Skin contact	: No symptoms known or expected.
Ingestion	: No symptoms known or expected.
Inhalation	: No symptoms known or expected.

#### Toxicity

##### Product

Acute oral toxicity	: Acute toxicity estimate: > 5,000 mg/kg
Acute inhalation toxicity	: no data available
Acute dermal toxicity	: no data available
Skin corrosion/irritation	: no data available
Serious eye damage/eye irritation	: Result: Mild eye irritation

## SAFETY DATA SHEET

**POL-E-Z™ 83904**

Respiratory or skin sensitization : no data available

Reproductive effects : no data available

Germ cell mutagenicity : no data available

Teratogenicity : no data available

STOT - single exposure : no data available

STOT - repeated exposure : no data available

Aspiration toxicity : no data available

### Components

Acute inhalation toxicity : Ethoxylated C10-16 Alcohols  
LC50 rat: > 50 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

### Components

Acute dermal toxicity : Sodium Chloride  
LD50 rabbit: > 10,000 mg/kg

### Human Hazard Characterization

Based on our hazard characterization, the potential human hazard is: Low

## Section: 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Environmental Effects : Toxic to aquatic life.

### Product

Toxicity to fish : LC50 Zebra Danio: > 100 mg/l  
Exposure time: 96 hrs  
Test substance: Representative polymer tested in water with DOC

LC50 Fathead Minnow: 60.8 mg/l  
Exposure time: 96 hrs  
Test substance: Product

NOEC Fathead Minnow: 14 mg/l  
Exposure time: 96 hrs  
Test substance: Product

Toxicity to daphnia and other aquatic invertebrates : LC50 Mysid Shrimp (Mysidopsis bahia): 5.0 mg/l  
Exposure time: 96 hrs  
Test substance: Similar Product

LC50 Daphnia magna (Water flea): > 100 mg/l  
Exposure time: 48 hrs  
Test substance: Representative polymer tested in water with DOC

# SAFETY DATA SHEET

**POL-E-Z™ 83904**

NOEC Mysid Shrimp (*Mysidopsis bahia*): 1.25 mg/l  
Exposure time: 96 hrs  
Test substance: Similar Product

EC50 *Ceriodaphnia dubia*: 4.3 mg/l  
Exposure time: 48 hrs  
Test substance: Product

LC50 *Ceriodaphnia dubia*: 5.5 mg/l  
Exposure time: 48 hrs  
Test substance: Product

NOEC *Ceriodaphnia dubia*: 3.4 mg/l  
Exposure time: 48 hrs  
Test substance: Product

Toxicity to algae : no data available

## Components

Toxicity to algae : Hydrotreated Light Distillate  
EC50 : > 1,000 mg/l  
Exposure time: 72 h

## Components

Toxicity to bacteria : Hydrotreated Light Distillate  
> 1,000 mg/l  
Exposure time: 48 h

## Persistence and degradability

The organic portion of this preparation is expected to be poorly biodegradable.

## Mobility

The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite TM, provided by the US EPA. The model assumes a steady state condition between the total input and output. The level III model does not require equilibrium between the defined media. The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models.

If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages;

Air : <5%  
Water : 10 - 30%  
Soil : 70 - 90%

The portion in water is expected to be soluble or dispersible.

## Bioaccumulative potential

This preparation or material is not expected to bioaccumulate.

## Other information

# SAFETY DATA SHEET

**POL-E-Z™ 83904**

no data available

## ENVIRONMENTAL HAZARD AND EXPOSURE CHARACTERIZATION

Based on our hazard characterization, the potential environmental hazard is: Moderate

Based on our recommended product application and the product's characteristics, the potential environmental exposure is: Low

## Section: 13. DISPOSAL CONSIDERATIONS

In Ontario, the waste class under Regulation 347 is: 233L

Disposal methods : The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Disposal considerations : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

## Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

### Land transport (TDG)

Proper shipping name : PRODUCT IS NOT REGULATED DURING TRANSPORTATION

### Air transport (IATA)

Proper shipping name : PRODUCT IS NOT REGULATED DURING TRANSPORTATION

### Sea transport (IMDG/IMO)

Proper shipping name : PRODUCT IS NOT REGULATED DURING TRANSPORTATION

## Section: 15. REGULATORY INFORMATION

This product has been classified according to the hazard criteria of the HPR and the SDS contains all of the information required by the HPR.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) :

The substance(s) in this preparation are included in or exempted from the Domestic Substance List (DSL).

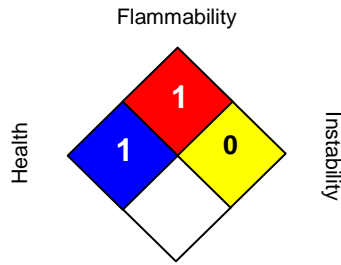
## Section: 16. OTHER INFORMATION



# SAFETY DATA SHEET

**POL-E-Z™ 83904**

## NFPA:



Special hazard.

## HMIS III:

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

Due to our commitment to Product Stewardship, we have evaluated the human and environmental hazards and exposures of this product. Based on our recommended use of this product, we have characterized the product's general risk. This information should provide assistance for your own risk management practices. We have evaluated our product's risk as follows:

\* The human risk is: Low

\* The environmental risk is: Low

Any use inconsistent with our recommendations may affect the risk characterization. Our sales representative will assist you to determine if your product application is consistent with our recommendations. Together we can implement an appropriate risk management process.

Revision Date : 2017/10/20  
Version Number : 1.1  
Prepared By : Regulatory Affairs (905)633-1000

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. For additional copies of an SDS visit [www.nalco.com](http://www.nalco.com) and request access.

### Section 1. Identification

**Product identifier** : SODA ASH DENSE (T)  
**Product code** : Q06804

#### Relevant identified uses of the substance or mixture

##### Identified uses

Industrial applications

**Supplier's details** : QUADRA CHEMICALS LTD.  
 3901 F.X Tessier  
 Vaudreuil-Dorion, QC  
 CANADA J7V 5V5  
 1-800-665-6553

**Emergency telephone number (with hours of operation)** : **TRANSPORTATION EMERGENCY - 24HRS/DAY - 7 DAYS/WEEK IN CANADA - CALL 1-800-567-7455**

### Section 2. Hazard identification

**Classification of the substance or mixture** : CORROSIVE TO METALS - Category 1  
 EYE IRRITATION - Category 2A

#### GHS label elements

**Hazard pictograms** :



**Signal word** : Warning

**Hazard statements** : May be corrosive to metals.  
 Causes serious eye irritation.

#### Precautionary statements

**Prevention** : Wear eye or face protection. Keep only in original packaging. Wash hands thoroughly after handling.

**Response** : Absorb spillage to prevent material damage. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Storage** : Store in a corrosion resistant container with a resistant inner liner.

**Disposal** : Not applicable.

## Section 3. Composition/information on ingredients

**Substance/mixture** : Substance

Ingredient name	% (w/w)	CAS number
sodium carbonate	99.5 - 100	497-19-8

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First-aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing

## Section 4. First-aid measures

- Skin contact** : No specific data.  
**Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.  
**Specific treatments** : No specific treatment.  
**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.  
**Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : No specific fire or explosion hazard.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.  
**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

## Section 6. Accidental release measures

- Small spill** : Move containers from spill area. Absorb spillage to prevent material damage. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Move containers from spill area. Absorb spillage to prevent material damage. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Absorb spillage to prevent material damage.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store in a corrosion resistant container with a resistant inner liner. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
sodium carbonate	-

- Appropriate engineering controls** : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

## Section 8. Exposure controls/personal protection

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles. If operating conditions cause high dust concentrations to be produced, use dust goggles.
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

- Physical state** : Solid. [Granular.]
- Color** : White.
- Odor** : Odourless.
- Odor threshold** : Not available.
- pH** : 11.3 [Conc. (% w/w): 1%]
- Melting point** : 851°C (1563.8°F)
- Boiling point** : Not available.
- Flash point** : Not available.
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : Not available.
- Vapor pressure** : Not available.
- Vapor density** : Not available.
- Relative density** : 2.53 [@ 20°C]
- Density** : Not available.
- Solubility** : Soluble in the following materials: cold water.
- Dispersibility properties** : Not available.

## Section 9. Physical and chemical properties

<b>Partition coefficient: n-octanol/water</b>	: Not available.
<b>Auto-ignition temperature</b>	: Not available.
<b>Decomposition temperature</b>	: >400°C (>752°F)
<b>Viscosity</b>	: Not available.
<b>Volatility</b>	: Not available.

## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: No specific data.
<b>Incompatible materials</b>	: metals acids moisture
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
sodium carbonate	LD50 Oral	Rat	4090 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
sodium carbonate	Eyes - Mild irritant	Rabbit	-	0.5 minutes	-
	Eyes - Moderate irritant	Rabbit	-	100 milligrams	-
	Eyes - Severe irritant	Rabbit	-	24 hours 100 milligrams	-
	Skin - Mild irritant	Rabbit	-	50 milligrams	-
		Rabbit	-	24 hours 500 milligrams	-

#### Sensitization

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

Not available.

## Section 11. Toxicological information

### Reproductive toxicity

Not available.

### Teratogenicity

Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Routes of entry anticipated: Oral, Inhalation.

### Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing
- Skin contact** : No specific data.
- Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

#### Long term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

### Potential chronic health effects

- General** : Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.

### Numerical measures of toxicity

#### Acute toxicity estimates



## Section 11. Toxicological information

Route	ATE value
Oral	4090.2 mg/kg

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
sodium carbonate	Acute EC50 242000 µg/l Fresh water	Algae - Navicula seminulum	96 hours
	Acute LC50 176000 µg/l Fresh water	Crustaceans - Amphipoda	48 hours
	Acute LC50 265000 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 300000 µg/l Fresh water	Fish - Lepomis macrochirus	96 hours

### Persistence and degradability

Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

Soil/water partition coefficient (K<sub>oc</sub>) : Not available.

Other adverse effects : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

## Section 14. Transport information

	TDG Classification
<b>UN number</b>	Not regulated.
<b>UN proper shipping name</b>	-
<b>Transport hazard class(es)</b>	-
<b>Packing group</b>	-
<b>Additional information</b>	Not available.

## Section 15. Regulatory information

**Canada inventory** : All components are listed or exempted.

## Section 16. Other information

### History

**Date of issue/Date of revision** : 26 May 2017

**Prepared by** : Regulatory Affairs

**Key to abbreviations** : ATE = Acute Toxicity Estimate  
 BCF = Bioconcentration Factor  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 LogPow = logarithm of the octanol/water partition coefficient  
 UN = United Nations  
 HPR = Hazardous Products Regulations

### Procedure used to derive the classification

Classification	Justification
CORROSIVE TO METALS - Category 1 EYE IRRITATION - Category 2A	Expert judgment Calculation method

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



## SAFETY DATA SHEET

Creation Date 22-Sep-2009

Revision Date 24-Dec-2021

Revision Number 5

### 1. Identification

**Product Name** Diethylenetriaminepentaacetic acid

**Cat No. :** AC114320000; AC114320010; AC114320050; AC114322500

**CAS No** 67-43-6

**Synonyms** (Carboxymethylimino)bis(ethylenenitrilo)tetraacetic acid; DTPA; Pentetic acid

**Recommended Use** Laboratory chemicals.

**Uses advised against** Food, drug, pesticide or biocidal product use.

#### Details of the supplier of the safety data sheet

##### Company

Fisher Scientific Company  
One Reagent Lane  
Fair Lawn, NJ 07410  
Tel: (201) 796-7100

Acros Organics  
One Reagent Lane  
Fair Lawn, NJ 07410

**Emergency Telephone Number** For information **US** call: 001-800-ACROS-01 / **Europe** call: +32 14 57 52 11  
Emergency Number **US**:001-201-796-7100 / **Europe**: +32 14 57 52 99  
**CHEMTREC** Tel. No.**US**:001-800-424-9300 / **Europe**:001-703-527-3887

### 2. Hazard(s) identification

#### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute Inhalation Toxicity - Dusts and Mists	Category 4
Serious Eye Damage/Eye Irritation	Category 2
Reproductive Toxicity	Category 2
Specific target organ toxicity - (repeated exposure)	Category 2 Inhalation

#### Label Elements

##### **Signal Word**

Warning

##### **Hazard Statements**

Causes serious eye irritation  
Harmful if inhaled

Suspected of damaging fertility or the unborn child  
May cause damage to organs through prolonged or repeated exposure



### Precautionary Statements

#### Prevention

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Use personal protective equipment as required  
Use only outdoors or in a well-ventilated area  
Wash face, hands and any exposed skin thoroughly after handling  
Wear eye/face protection  
Do not breathe dust/fume/gas/mist/vapors/spray

#### Response

IF exposed or concerned: Get medical attention/advice

#### Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

#### Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

#### Storage

Store locked up

#### Disposal

Dispose of contents/container to an approved waste disposal plant

#### Hazards not otherwise classified (HNOC)

None identified

## 3. Composition/Information on Ingredients

Component	CAS No	Weight %
Glycine, N,N-bis[2-[bis(carboxymethyl)amino]ethyl]-	67-43-6	<=100

## 4. First-aid measures

<b>General Advice</b>	If symptoms persist, call a physician.
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.
<b>Most important symptoms and effects</b>	None reasonably foreseeable.

**Notes to Physician** Treat symptomatically

## 5. Fire-fighting measures

**Suitable Extinguishing Media** Water spray, carbon dioxide (CO<sub>2</sub>), dry chemical, alcohol-resistant foam.

**Unsuitable Extinguishing Media** No information available

**Flash Point** 200 °C / 392 °F

**Method -** No information available

**Autoignition Temperature** Not applicable

**Explosion Limits**

**Upper** No data available

**Lower** No data available

**Sensitivity to Mechanical Impact** No information available

**Sensitivity to Static Discharge** No information available

**Specific Hazards Arising from the Chemical**

Thermal decomposition can lead to release of irritating gases and vapors.

**Hazardous Combustion Products**

Nitrogen oxides (NO<sub>x</sub>). Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Ammonia.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**NFPA**

**Health**  
2

**Flammability**  
1

**Instability**  
0

**Physical hazards**  
N/A

## 6. Accidental release measures

**Personal Precautions** Use personal protective equipment as required. Ensure adequate ventilation. Avoid dust formation.

**Environmental Precautions** Should not be released into the environment.

**Methods for Containment and Clean Up** Sweep up and shovel into suitable containers for disposal. Keep in suitable, closed containers for disposal.

## 7. Handling and storage

**Handling** Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid dust formation. Avoid ingestion and inhalation. Do not get in eyes, on skin, or on clothing.

**Storage.** Keep containers tightly closed in a dry, cool and well-ventilated place. Incompatible Materials. Strong oxidizing agents. Strong acids. Strong bases.

## 8. Exposure controls / personal protection

**Exposure Guidelines** This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Engineering Measures** Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

**Personal Protective Equipment**

<b>Eye/face Protection</b>	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
<b>Skin and body protection</b>	Wear appropriate protective gloves and clothing to prevent skin exposure.
<b>Respiratory Protection</b>	No protective equipment is needed under normal use conditions.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

<b>Physical State</b>	Powder Solid
<b>Appearance</b>	Off-white
<b>Odor</b>	No information available
<b>Odor Threshold</b>	No information available
<b>pH</b>	2.3 20 g/l water
<b>Melting Point/Range</b>	220 °C / 428 °F
<b>Boiling Point/Range</b>	No information available
<b>Flash Point</b>	200 °C / 392 °F
<b>Evaporation Rate</b>	Not applicable
<b>Flammability (solid,gas)</b>	No information available
<b>Flammability or explosive limits</b>	
<b>Upper</b>	No data available
<b>Lower</b>	No data available
<b>Vapor Pressure</b>	No information available
<b>Vapor Density</b>	Not applicable
<b>Specific Gravity</b>	1.560
<b>Solubility</b>	Soluble in water
<b>Partition coefficient; n-octanol/water</b>	No data available
<b>Autoignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	No information available
<b>Viscosity</b>	Not applicable
<b>Molecular Formula</b>	C14 H23 N3 O10
<b>Molecular Weight</b>	393.34

## 10. Stability and reactivity

<b>Reactive Hazard</b>	None known, based on information available
<b>Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Avoid dust formation. Incompatible products. Excess heat.
<b>Incompatible Materials</b>	Strong oxidizing agents, Strong acids, Strong bases
<b>Hazardous Decomposition Products</b>	Nitrogen oxides (NO <sub>x</sub> ), Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> ), Ammonia
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
<b>Hazardous Reactions</b>	None under normal processing.

## 11. Toxicological information

### Acute Toxicity

#### Product Information Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Glycine,	>2000 mg/kg (Rat)	Not listed	Not listed

N,N-bis[2-[bis(carboxymethyl)amino]ethyl]-			
--	--	--	--

**Toxicologically Synergistic Products** No information available

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Irritation** Irritating to eyes

**Sensitization** No information available

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS No	IARC	NTP	ACGIH	OSHA	Mexico
Glycine, N,N-bis[2-[bis(carboxymethyl)amino]ethyl]-	67-43-6	Not listed	Not listed	Not listed	Not listed	Not listed

**Mutagenic Effects** No information available

**Reproductive Effects** No information available.

**Developmental Effects** No information available.

**Teratogenicity** No information available.

**STOT - single exposure** None known

**STOT - repeated exposure** None known

**Aspiration hazard** No information available

**Symptoms / effects, both acute and delayed** No information available

**Endocrine Disruptor Information** No information available

**Other Adverse Effects** The toxicological properties have not been fully investigated.

## 12. Ecological information

### Ecotoxicity

This product contains the following substance(s) which are hazardous for the environment. .

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Glycine, N,N-bis[2-[bis(carboxymethyl)amino]ethyl]-	Not listed	LC50 >100 mg/L/96h (Leuciscus idus)	Not listed	EC50: 245 mg/L/48h

**Persistence and Degradability** Persistence is unlikely

**Bioaccumulation/ Accumulation** No information available.

**Mobility** . Will likely be mobile in the environment due to its water solubility.

Component	log Pow
Glycine, N,N-bis[2-[bis(carboxymethyl)amino]ethyl]-	-4.91

## 13. Disposal considerations

**Waste Disposal Methods** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

## 14. Transport information



<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated

## 15. Regulatory information

### United States of America Inventory

Component	CAS No	TSCA	TSCA Inventory notification - Active-Inactive	TSCA - EPA Regulatory Flags
Glycine, N,N-bis[2-[bis(carboxymethyl)aminoethyl]-	67-43-6	X	ACTIVE	-

#### Legend:

**TSCA** US EPA (TSCA) - Toxic Substances Control Act, (40 CFR Part 710)

X - Listed

'-' - Not Listed

**TSCA 12(b)** - Notices of Export            Not applicable

### International Inventories

Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Philippines (PICCS), Japan (ENCS), Japan (ISHL), Australia (AICS), China (IECSC), Korea (KECL).

Component	CAS No	DSL	NDSL	EINECS	PICCS	ENCS	ISHL	AICS	IECSC	KECL
Glycine, N,N-bis[2-[bis(carboxymethyl)aminoethyl]-	67-43-6	X	-	200-652-8	X	X	X	X	X	KE-02934

**KECL** - NIER number or KE number (<http://ncis.nier.go.kr/en/main.do>)

### U.S. Federal Regulations

**SARA 313**    Not applicable

**SARA 311/312 Hazard Categories**        See section 2 for more information

**CWA (Clean Water Act)**                    Not applicable

**Clean Air Act**                                    Not applicable

**OSHA** - Occupational Safety and Health Administration        Not applicable

**CERCLA**    Not applicable

**California Proposition 65**                    This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**        Not applicable

### U.S. Department of Transportation

Reportable Quantity (RQ):                    N

DOT Marine Pollutant                            N

DOT Severe Marine Pollutant                    N

**U.S. Department of Homeland**                This product does not contain any DHS chemicals.

**Security****Other International Regulations****Mexico - Grade** No information available**Authorisation/Restrictions according to EU REACH**

Component	REACH (1907/2006) - Annex XIV - Substances Subject to Authorization	REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances	REACH Regulation (EC 1907/2006) article 59 - Candidate List of Substances of Very High Concern (SVHC)
Glycine, N,N-bis[2-[bis(carboxymethyl)amino]ethyl]-	-	Use restricted. See item 75. (see link for restriction details)	-

<https://echa.europa.eu/substances-restricted-under-reach>

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

Component	CAS No	OECD HPV	Persistent Organic Pollutant	Ozone Depletion Potential	Restriction of Hazardous Substances (RoHS)
Glycine, N,N-bis[2-[bis(carboxymethyl)amino]ethyl]-	67-43-6	Not applicable	Not applicable	Not applicable	Not applicable

Component	CAS No	Seveso III Directive (2012/18/EC) - Qualifying Quantities for Major Accident Notification	Seveso III Directive (2012/18/EC) - Qualifying Quantities for Safety Report Requirements	Rotterdam Convention (PIC)	Basel Convention (Hazardous Waste)
Glycine, N,N-bis[2-[bis(carboxymethyl)amino]ethyl]-	67-43-6	Not applicable	Not applicable	Not applicable	Not applicable

## 16. Other information

**Prepared By** Regulatory Affairs  
Thermo Fisher Scientific  
Email: EMSDS.RA@thermofisher.com

**Creation Date** 22-Sep-2009

**Revision Date** 24-Dec-2021

**Print Date** 24-Dec-2021

**Revision Summary** This document has been updated to comply with the US OSHA HazCom 2012 Standard replacing the current legislation under 29 CFR 1910.1200 to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of SDS**

D-Lead® All Purpose Cleaner

3102ES

Revision Date: 21-December-2021

**1. IDENTIFICATION**

Product Name	D-Lead® All Purpose Cleaner	
Other means of identification	Product Code: 3102ES	
Recommended Use	Clean up of metal dusts	
<u>Company</u>	<u>Emergency Telephone Number</u>	
ESCA Tech, Inc. 3747 North Booth Street Milwaukee, WI 53212 e-mail: cservice@esca-tech.com	Company Phone Number:	Phone: (414) 962-5323 Fax: (414) 962-7003
Identity of Canadian Supplier:	Emergency Telephone (24 hr):	INFOTRAC 1-352-323-3500 (International) 1-800-535-5053 (North America)

**2. HAZARD IDENTIFICATION**

**GHS Classification**

Eye damage/Irritation	Category 2A
Skin corrosion/Irritation	Category 2
Acute toxicity - oral	Category 4

**GHS Label element**

Signal Word:	Warning
Hazard Statements:	Causes serious eye irritation. Causes skin irritation. Harmful if swallowed.



Precautionary Statements:	<b>Prevention</b> Avoid contact with eyes. Wear eye protection and protective gloves. Wash thoroughly after handling. Do not mix with other chemicals. Keep out of reach of children. Do not eat, drink or smoke when using this product.
	<b>Response</b> IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice. Take off contaminated clothing and wash it before reuse. IF SWALLOWED: Rinse mouth. Do not induce vomiting. Drink 2 - 3 glasses of water. Call a doctor if you feel unwell. IF INHALED: Remove person to fresh air.
Other Hazards:	None known.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS Number	Weight %
2-Butoxyethanol (Ethylene Glycol Butyl Ether, EGBE)	111-76-2	<5
Potassium hydroxide	1310-58-3	<0.2
Sodium silicate	1344-09-8	<1.5

Note: If Chemical Name/CAS No is "proprietary" and /or Weight % is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

"Based on the available information concerning the potential hazards of and projected exposures to EGBE, EPA has made a determination pursuant to CAA section 112(b)(3)(C) that there are inadequate data on the health and environmental effects [of EGBE] to determine that

emissions, ambient concentrations, bioaccumulation, or deposition of the substance may not reasonably be anticipated to cause adverse effects to human health or adverse environmental effects." (Federal Register: November 29, 2004, Volume 69, Number 228, Page 69320).

**4. FIRST AID MEASURES****First Aid Measures**

In case of eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
In case of skin contact:	Wash with plenty of water. If skin irritation occurs: Get medical advice. Take off contaminated clothing and wash it before reuse.
If swallowed:	Rinse mouth. Do not induce vomiting. Drink 2 – 3 large glasses of water. Call a doctor if you feel unwell.
If inhaled:	Does not generate vapors at normal temperature. Remove person to fresh air. Get medical attention if symptoms occur.
Symptoms:	Causes painful stinging of eyes and lids, watering of eyes. Prolonged contact with skin causes skin irritation or mild burn. If swallowed may cause irritation and burns to mouth, throat and stomach, nausea, dizziness or fatigue.
Notes to physician:	Treat symptomatically.

See toxicological information (Section 11).

**5. FIRE FIGHTING MEASURES**

Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and surrounding environment.
Unsuitable extinguishing media:	None known.
Specific hazards during firefighting:	Not flammable or combustible.
Hazardous combustion products:	Carbon oxides
Protective equipment and precautions for firefighters:	As in any fire, wear self-contained breathing apparatus MSHA/NIOSH (approved or equivalent) and full protective gear.
Specific extinguishing methods:	Collect contaminated fire extinguishing water separately. Fire residues and contaminated extinguishing water must be disposed of in accordance with local regulations. In the event of fire do not breathe fumes.

**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures:	Ensure clean-up is conducted by trained personnel only. Refer to protective measures, section 7 and 8.
Environmental precautions:	Avoid contact with soil, surface or groundwater.
Methods and material containment and cleaning up:	Stop and prevent further leakage or spillage if safe to do so. Contain spillage and then absorb with non-combustible, absorbent material. Place in appropriate containers for disposal. Dispose of in accordance with federal, state and local regulations.

**7. HANDLING AND STORAGE**

Advice on safe handling:	Dispense with a plastic or stainless steel dispenser. Avoid dispensers with wetted metal parts, except stainless steel. Heat buildup may cause product to cloud and separate irreversibly. Use personal protection recommended in Section 8. Wash thoroughly after handling. Avoid contact with eyes. Do NOT take internally.
Conditions for safe storage:	Keep out of reach of children. Keep container tightly closed in a cool, dry and well-ventilated place. Store in suitable labeled containers.

# D-Lead® All Purpose Cleaner

3102ES

# Safety Data Sheet

Revision Date: 21-December-2021

Storage temperature: Storage between 40 – 100 °F (4 - 38 °C), out of direct sunlight and away from extreme heat.

Incompatible materials: Do not mix with other chemicals or cleaners.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

Chemical Name	ACGIH	OSHA	NIOSH
2-Butoxyethanol 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup>	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m <sup>3</sup>
Potassium hydroxide 1310-58-3	Ceiling: 2 mg/m <sup>3</sup>		Ceiling: 2 mg/m <sup>3</sup>
Sodium silicate 1344-09-8	TLV: 2 mg/m <sup>3</sup>	PEL: 2 mg/m <sup>3</sup>	-

Engineering Controls: Eyewash stations, showers.

### Individual protection measures, such as personal protective equipment

Eye/face protection: Avoid contact with eyes. Wear safety glasses. Wear chemical safety goggles or face shield if splash hazard exists.

Skin and body protection: Wear protective gloves.

Respiratory protection: Not needed under normal use conditions.

Hygiene measures: Wash contaminated clothing before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid

Color: Purple

Odor: Camphor

Odor threshold: Not determined

pH: Max. 11.9, undiluted  
10.8 @ a dilution of one (1) part D-Lead® All Purpose Cleaner and ten (10) parts water

Melting point/Freezing point: Not determined

Boiling point/Boiling range: 98°C/ 208 °F

Flash point: Greater than 210 °F (1010 Flashpoint, Closed Cup)

Evaporation rate: Not established

Flammability (solid, gas): Not applicable

Upper Flammability Limits: Not applicable

Lower Flammability Limits: Not applicable

Vapor pressure: Not established

Vapor density: >1 (same as water) (Air = 1)

Specific gravity: 1.028 – 1.038 (Water = 1)

Water solubility: Completely soluble

Solubility in other solvents: Not determined

Partition coefficient: Not determined

Auto-ignition temperature: Not determined

Decomposition temperature: Not determined

Viscosity: Not determined

VOC content: 5% maximum in concentrate

**10. STABILITY AND REACTIVITY**

Reactivity:	Not reactive under normal conditions.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	None under normal processing.
Hazardous polymerization:	Hazardous polymerization does not occur.
Incompatible materials:	Do not mix with other chemicals or cleaners.
Hazardous decomposition products:	Carbon oxides.

**11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure:

**Product****Potential Health Effects**

Eyes:	Causes serious eye irritation.
Skin:	Causes skin irritation.
Ingestion:	Harmful if swallowed.
Inhalation:	Health injuries are not expected under normal use.

**Toxicity**

Acute oral toxicity:	Numeric measures of toxicity: Not determined.
Acute dermal toxicity:	Not determined.
Acute inhalation toxicity:	Not determined.
Sensitization:	May cause allergic skin reaction in some individuals.
Carcinogenicity:	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Ingredients Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
2-Butoxyethanol 111-76-2	= 470 mg/kg (Rat)	=2,270 mg/kg (Rat) =220 mg/kg(Rabbit)	= 2.21 mg/L (Rat) 4 h = 450 ppm (Rat) 4h
Potassium hydroxide 1310-58-3	= 365 mg/kg (Rat)	-	-
Sodium silicate 1344-09-8	= 3,400 mg/kg (Rat)	-	-

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Environmental effects: Harmful to aquatic life.

**Product**

Toxicity to fish:	No data available.
Toxicity to daphnia and other aquatic invertebrates:	No data available.
Toxicity to algae:	No data available.

# D-Lead® All Purpose Cleaner

3102ES

# Safety Data Sheet

Revision Date: 21-December-2021

## Ingredients

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
2-Butoxyethanol 111- 76-2		1,490: 96 h Lepomis macrochirus mg/L LC50 static 2,950: 96 h Lepomis macrochirus mg/L LC50		1,498: 48 h Daphnia magna mg/L EC50 340.7 – 469.2: 48 h Daphnia magna mg/L EC50 static
Potassium hydroxide 1310-58-3		80: 96 h Gambusia affinis mg/L LC50 static		
Sodium silicate 1344-09-8		1,108: 96 h Brachydanio rerio mg/L LC50		1,700: 48 h Daphnia magna mg/L EC50

Persistence/Degradability: Not determined.  
Bioaccumulative potential: Not determined.  
Mobility in soil: 2-Butoxyethanol (111- 76-2) - Partition coefficient: 0.81  
Potassium hydroxide (1310-58-3) - Partition coefficient: 0.83  
Other Adverse Effects: Not determined.

## 13. DISPOSAL CONSIDERATION

### Waste Treatment Methods

**Disposal of Wastes:** Disposal should be in accordance with applicable regional, national and local laws and regulations.  
**Packaging:** Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.  
**D.O.T.:** Not regulated.  
**IATA.:** Not regulated.  
**IMDG:** Not regulated.

## 15. REGULATORY INFORMATION

### US Federal Regulations

RCRA (Lists of Hazardous Wastes, 40 CFR 261 Subpart D): NA  
CLEAN AIR ACT (SEC. 112. Hazardous Air Pollutants): NA  
CLEAN WATER ACT (RQ, 40 CFR): Potassium Hydroxide: 1,000 lbs (454 kg)  
SARA Title III:  
Section 302 -304, 40 CFR 355: Components present in this product at a level which could require reporting are: none.  
Section 311 - 312: Components present in this product at a level which could require reporting are: none.  
Section 313: NA  
TSCA Section 8(b) Inventory Status: All ingredients are listed on TSCA Inventory of Chemical Substances or exempt from TSCA Inventory requirements.

# D-Lead® All Purpose Cleaner

3102ES

# Safety Data Sheet

Revision Date: 21-December-2021

Canada DSL: All ingredients are listed on the Canada Domestic Substances List.

AICS Inventory Status: All ingredients are listed on the Australia Inventory of Chemical Substances.

## State Lists:

2-Butoxyethanol – CA, FL, MA, NJ, PA

Potassium Hydroxide – CA, FL, MA, NJ, PA

This product does not contain any Proposition 65 chemicals.

## Legend

**AICS** – Australian Inventory of Chemical Substances

**ACGIH** - American Conference of Governmental Industrial Hygienists

**D.O.T.** – Department of Transportation (US)

**DSL/NDL** – Canadian Domestic Substances List/Non-Domestic Substances List

**EU** – European Union

**FDA** – Food and Drug Administration (US)

**IARC** – International Agency for Research on Cancer

**IATA** - International Air Transport Association

**IMDG** - International Maritime Dangerous Goods

**NTP** – National Toxicology Program (US)

**NIOSH** - National Institute for Occupational Safety and Health

**OSHA** - Occupational Safety and Health Administration (US)

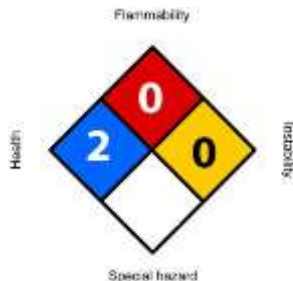
**RCRA** - Resource Conservation and Recovery Act

**SARA** - Superfund Amendments and Reauthorization Act (US)

**TSCA** – United States Toxic Substances Control Act Section 8(b) Inventory

## 16. OTHER INFORMATION

### NFPA:



### HMIS III



0 = not significant  
1 = slight  
2 = moderate

3 = high  
4 = extreme  
\* = chronic

### Revisions:

Issue Date: 20-March-1991

Revision Date: 21-December-2021

Revision number: R17

Revision note: New format. Rev 13: updated Section 2: Added IF INHALED, Section 15: Added State Lists. Rev 14: updated Section 2 & 4. Rev 15: updated Section 9. Rev 16: updated Section 2, 4, 9, 11. Rev 17: Review, no changes

### Disclaimer "

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Donaldson  
FILTRATION SOLUTIONS

# INSTALLATION, OPERATION AND MAINTENANCE MANUAL

## Downflo® Evolution Dust Collectors



## TABLE OF CONTENTS

---

GENERAL SAFETY REQUIREMENTS.....	4
INTRODUCTION.....	10
Product information.....	10
Function.....	10
Protection of the dust collector against dust explosion.....	11
PRIOR TO INSTALLATION .....	13
Location.....	13
Required tools and equipment .....	13
Delivery and inspection .....	13
INSTALLATION .....	14
Unloading and transport to location.....	14
Installation and assembly .....	16
Hopper & leg installation .....	17
Field joining installation .....	20
Yoke, venturi and filter installation .....	22
Platforms and ladders.....	23
Control box.....	24
Compressed air connection.....	24
Electrical connection .....	25
Solenoid valves.....	25
Inlet plenum .....	26
High Flow Inlet Plenum.....	26
Extended Dirty-Air Plenum .....	27
Air management module.....	28
Sprinkler .....	28
Bursting panel and indicator .....	29
Bursting panel indicator switch .....	32
Dust outlet connection .....	33
START-UP CHECKLIST.....	35
Electrical connection .....	35
OPERATION SCHEDULE.....	36
SERVICE .....	37
Dust removal .....	37
Change of filter cartridges .....	37
Diaphragm valve.....	40
TROUBLESHOOTING GUIDE.....	41
SUPPLEMENTARY INFORMATION.....	44
DECLARATION OF CONFORMITY.....	A1

## LIST OF FIGURES

---

Figure 1: Operational schematic.....	11
Figure 2: Typical installation .....	15
Figure 3: Inside installation .....	16
Figure 4: Leg and cross brace assembly .....	17
Figure 5: Yoke, venturi and filter installation.....	18
Figure 6: Typical foundation anchor.....	19
Figure 7: Leg positioning .....	19
Figure 8: Field joining Detail A.....	21
Figure 9: Field joining Detail B.....	21
Figure 10: Field joining Detail C .....	22
Figure 11: Stationary platform.....	23
Figure 12: Inline filter view .....	24
Figure 13: Compressed air and component installation.....	25
Figure 14: Inlet plenum.....	26
Figure 15: High flow inlet plenum.....	27
Figure 16: Extended Dirty-Air plenum.....	27
Figure 17: Air management module .....	28
Figure 18: Sprinkler.....	29
Figure 19: Bursting panel location .....	29
Figure 20: Bursting panel serial plate and label .....	30
Figure 21: Bursting panel and indicator installation .....	31
Figure 22: Typical wiring diagram- non-hazardous area.....	32
Figure 23: Typical wiring diagram- hazardous area.....	33
Figure 24: Dust outlet connection .....	34
Figure 25: Exchanging filter cartridge .....	39

## GENERAL SAFETY REQUIREMENTS

---

This manual contains specific precautionary statements relative to worker safety in appropriate sections. To avoid dangerous situations we give you the following advice:



*Refers to special information on how to use the dust collector most efficiently.*



*Refers to special information directed towards preventing damage.*



*Refers to special information designed to prevent injury or extensive damage.*



*The collector should be stored as supplied. Remove packaging for installation only.*

*For the purposes of storage:*

- *Collector with specification for inside use = IP50*
- *Collector with specification for outside use = IP54*



*The dust collector has been built in accordance with state-of-the-art standards and recognised safety rules. Nevertheless if not handled carefully it may put people at risk and also cause damage.*



*The dust collector should be used only when it is in technically perfect condition, in accordance with its designated use and the instructions set out in the operation manual. Any functional disorders, especially those affecting safety, should therefore be rectified immediately.*



*Ensure proper training is given to operators before start-up. The dust collector is designed exclusively for use within the scope of delivery, and in accordance with drawing(s) and the specification sheet.*



*Do not put lit cigarettes or any burning object into the hood or ducting of any dust collection system.*



*Regular maintenance is important for a good performance of your dust collector. A prudent user of Donaldson Torit equipment should consult and comply with all relevant Fire Codes and/or other appropriate codes when determining the location and operation of dust collection equipment.*

*A hand-operated supply disconnecting device is necessary for each incoming electrical supply in accordance with EN 60204-1.*



*To prevent accidents the access to the fan impellor must not be possible during operation. Refer to EN 294.*



*Disconnect all power before servicing. All electrical work must be done by a qualified electrician according to local codes.*



*All exposed conductive parts of the electrical equipment and the dust collector shall be connected to the protective bonding circuit (refer to EN 60204-1).*



*Shutoff and bleed-off compressed air supply before doing any service work.*



*In each individual case vent design, vent ducts and pressure resistant design are worked out by Donaldson Torit for the specific products, circumstances and environment, and should never be altered unless Donaldson Torit has given explicit admission.*



*All electrical equipment should be dust explosion proof according to the zoning and surface temperature limitations of the equipment.*



*The dust collector cannot be used in a potentially explosive atmosphere (according to ATEX directive 2014/34/EU), unless stated otherwise on the nameplate of the unit and the scope of delivery.*



*When handling explosive or flammable materials, the collector should be located so as to avoid external heat source- e.g. from nearby processes or extreme direct sunlight.*



*The user of the dust collector is responsible for disposal of any dust generated by the process, in accordance with local regulations.*



*The dust collector will not prevent explosions;*

*The main cause of dust explosions in dust collectors are hot and glowing particles which are formed in the process upstream - these are conveyed into the collector and get imbedded on the filter medium. There they either extinguish or develop into a smoldering or even open fire, in the end leading to an explosion.*

A prudent user of Donaldson Torit dust collectors should:

- Take every possible precaution to prevent a fire or explosion from occurring.
- Consult with their insurance carrier or local authorities regarding the hazardous nature of dust produced.
- If dust is classified poisonous, corrosive or irritant as per 'Gef-Stoff V', an explosion venting system should not be used. The dust collector will then have to be protected from explosion by other methods (consult your Donaldson Torit representative).
- Sizing of the bursting opening + reinforcement of the dust collector are dependent on the dust collector type, the dust explosiveness (Kst value or St classification) and on the blow-off channel length + size when required.
- Consult and comply with national and local codes or bulletins (VDI 3674) when determining location and operation of Donaldson Torit dust collectors.
- Use only authorised replacement parts supplied by Donaldson Torit.
- Unless otherwise specified, DO NOT exceed negative operating pressure as specified by technical data, DO NOT use on positive pressure systems.
- Insure that the operating temperature of the dust collector does not exceed 120° C.
- Do not locate the bursting panel assembly where people are exposed to the bursting panel itself or to the area above or in front of the bursting panel as they may be injured by the escaping pressure, fire, noise, chemicals and/or fragmenting particles. The location of the bursting panel must be such that the discharge cannot be the ignition source of secondary explosions. Interfacing equipment and/or machinery must also be protected.
- Refer to guidelines VDI 3673.



*Gas explosion proof equipment is not necessary but may be used when appropriate.*

## **Maintenance and explosion safety**

### **a. Introduction**

The collection systems are designed and installed by Donaldson Torit engineers applying the most appropriate safety measures based upon state of the art knowledge and technology.

It's safety is based upon two main objectives:

- Prevent ignition sources that might be caused by the collection system itself, as far as it is practically possible, by using appropriate dust explosion proof electrical equipment, antistatic filter cartridges, conductive construction materials and ducts which are all bonded and grounded.
- Confine an actual explosion caused by an ignition source coming from the process or induced by the user (hot work collection system) in such a way that no hazardous effects occur:
  - to plant personnel
  - to the location in which the dust collector is installed
  - to equipment connected to the dust collector



*If the dust collector's original design or the actual process is changed without implementing the changes in the safety design of the collection system, it's safety can be jeopardised. However, poor and/or incorrect maintenance can also jeopardise the safety of the system.*

### **b. Hazards due to change of dust collector design**



*The housing is modified; a larger volume, weaker housing (e.g. by installing extra inlets or manholes).*

*The vent area is reduced; e.g. by obstructing the vent by ducts or other obstacles.*

*The vent panel type is changed; e.g. by using a panel that has a higher opening pressure or larger inertia.*

*The vent duct is modified; longer, smaller cross section, bends, obstacles or extra covering on the outlet.*

*The vent location is altered; e.g. instead of top venting now side venting is applied- besides possibly obstructing the vent process, reaction forces may cause the collector to tumble over.*

*If applicable, the explosion suppression system is modified.*

*In these cases the safety measures may not be able to protect sufficiently and the explosion may destroy the housing and or the vent duct causing hazards around the dust collector. In particular when the dust collector is located inside the hazards are eminent.*

*The rotary valve is taken out or exchanged by a non explosion proof type. Or the explosion resistant receiver bin is exchanged by a non appropriate type. This may lead to flames, or worse, a fireball emerging from the hopper.*

*The use of plastic bags in the receiver bin under the hopper is not recommended because sometimes, due to very high electrostatic charges, hazardous discharges may occur.*

#### **c. Hazards due to relocation of the dust collector**



*By relocating the dust collector from outside to inside you should be aware that the explosion now is vented inside a room, which is not acceptable, due to the very hazardous flame jets and fire balls.*

*Also, relocating outside may be hazardous when the explosion vent points into a direction where people may get hurt or property may be damaged.*

#### **d. Hazards due to change in process or product**



*By changing the process, the amount of product, process temperatures and, most importantly, product ranges may alter. If the products explode more violently than initially foreseen the explosion may damage or destroy the dust collector.*

#### **e. Hazards due to poor or lack of maintenance**



*The wrong filter cartridges are installed; non antistatic type may lead to ignition in the dust collector.*

*The filter cartridge porthole or another part of the housing (access cover) is not fixed correctly and may tear up during an explosion causing a flame jet or fireball.*

*Retrofitting metal ducts by non-conductive plastic hoses, plastic or flexible ducts may lead to hazardous electrostatic discharges.*

*Failing of bonding and grounding of metal parts and ducts (resistance between metal parts preferably should be less than 100 Ohms).*

*Painting of the inside with high resistant coating that may result in hazardous electrostatic discharges.*

*Welding, cutting etc. (all hot work activities) on an operating or not thoroughly cleaned not operating dust collector will result in strong ignition sources and explosions.*

*Painting of explosion vents may result in higher opening pressures: collapse of the housing.*

*If abrasive products are used, in time this may result in thinner walls of ducting and dust collector housing, thus reducing the strength of the equipment and it's explosion resistant properties.*

#### **f. Hazards due to wrong actions**



*Opening of the dust collector during operation: loss of containment.*

*Vent surrounding: if used as a storage area or frequented by personnel: a vented explosion will cause damage to stored goods and hurt or kill personnel.*

## g. Do's and don'ts



*Based upon several hazards a list of do's and don'ts is given.*

*Perform a regular maintenance by disposing the dust in a regular fashion and inspecting the cleaning mechanism on a regular basis at least once a month.*

*Return the installation in its original state after maintenance (fixing, closing and bonding and grounding).*

*Check the grounding and bonding at least once a year.*

*The housing of the dust collector should never be changed or painted on the inside with a non-conducting coating.*

*Vents should never be blocked or painted.*

*Use the original bursting panel types only.*

*Do not alter the vent area or vent location.*

*Vent ducts should never be altered.*

*Do not tamper with explosion protection systems such as explosion suppression and explosion barriers as quick acting valve.*

*Use original equipment as filter cartridges, electrical equipment, rotary valves etc..*

*Do not use non-conductive plastic hoses and pipes.*

*Prevent goods and forbid personnel to be near such a vent.*

*Never open the dust collector during operation.*

*After emptying the receiver bin, fix it as in the original state.*

*Keep the working place clean.*

*For any changes in the dust collector, safety system, process, product or dust collector location consult the manufacturer.*

## h. Applications having a risk of sparks and fires

### 1. Good Housekeeping

Accumulation of potentially combustible dust, for example dust layers is considered a potential ignition source. Failure to keep the dust collector clean and empty the hopper / dust bins regularly will increase the risk of fires and/or explosions.

### 2. EU Directive 99/92/EC.

A reinforced and/or vented dust collector must be used when handling dusts that have the potential to form an explosive atmosphere. If a non-reinforced and/or non vented dust collector is used on these applications then the end user must ensure an equivalent, secure, and fool proof basis of safety, which must be clearly documented in the end users Explosion Protection Document in line with Article 8 of EU Directive 99/92/EC.

### 3. Self Heating Materials

Please note that some materials have the potential to self generate heat and hence to become an ignition source, that could result in a fire and / or an explosion. For this reason ferrous and non-ferrous materials should not be extracted in to the same dust collector, as when combined they can create a violent thermite reaction that would ignite a fire and/or explosion.



#### 4. Applications having a risk of sparks and fires

Where sparks are generated by the process, this must be considered as a potential ignition source which increases the risk of a fire or explosion. The filter can be supplied with an optional spark trap to help reduce the frequency of spark ignition and should be regarded as part of a risk reducing strategy. The spark trap is not an extinguishment system and should never be relied upon to achieve spark eradication in processes where suppression requirements are absolute. The spark trap does not guarantee complete elimination of sparks and does not preclude the possibility of fire or explosion. Therefore, system redundancy and complementary measures should be taken in conjunction with the spark trap to further reduce the risk of fire and explosion from sparks in applications where there is potential for catastrophic combustion.

On these types of applications the enduser should carry out regular good housekeeping, such as:

- a. Periodically check for dust fall out in ducting and remove.
- b. Pulse down off line regularly to minimise retention of dust cake on filter cartridges.
- c. Empty dust bins frequently.

Other risk reducing strategies could include

- a. Inject with an inert material.
- b. Consider additional spark detection and fire suppression equipment.

## INTRODUCTION

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### Product information

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The dust collector is used for the collection of airborne dust and particulate. Whether in response to the problem of air pollution, or as part of a manufacturing process, the dust collector provides highly efficient, continuous, on-line dust collection.

The filter cartridges are the heart of the dust collector. These filter cartridges help ensure that only cleaned air is returned to the plant environment.

The reinforced dust collector can collect explosive dust without putting people at risk and with a minimum of structural damage as a result of an explosion, assuming that all safety guidelines in this manual are followed. For each reinforced model the maximum Kst value for an inside as well as an outside installation is defined (see spec sheet).

Be sure that the explosive (Kst value) of your dust is always below the maximum Kst value defined for your dust collector type.

Technical and field support are available from your local Donaldson Torit representative or distributors to answer your questions.

### Function

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During operation, contaminated air enters the dust collector through the dirty air inlet area and passes through the filter cartridges.

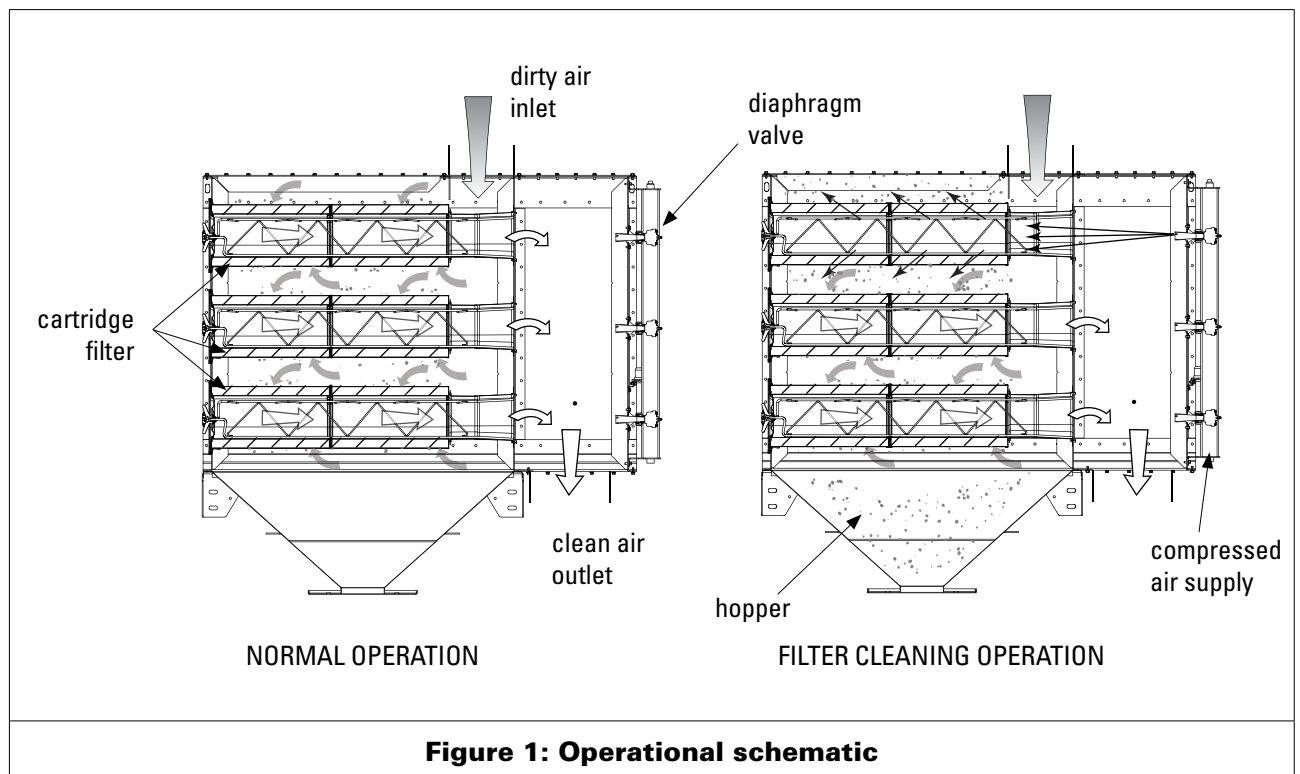
Dust is collected on the outside surface of the filter cartridges.

The filtered air flows through the centre of the filter cartridges into the clean air chamber, where it exits through the clean air outlet and can be recirculated into the environment.

To ensure the optimal performance of your dust collector it is necessary that the filter cartridges are cleaned automatically and sequentially.

During the cleaning sequence, the timer energizes a solenoid valve, causing the corresponding diaphragm valve to send a pulse of compressed air through the filter cartridges (from the inside outward), removing the collected dust from the outside surfaces of the filter cartridges.

The dust falls through the hopper into the dust disposal system.



### **Protection of the dust collector against dust explosion**

The reinforced dust collectors are protected against dust explosions both by preventive and by constructional measures.

Preventive measures are to prevent ignition sources in the delivered installations:

- Electrical equipment is dust explosion proof: IP6X for zone 20 and IP5X for zone 21 plus equipment surface temperature limitation (depends upon the product). Gas explosion proof equipment is not necessary but may also be applied when appropriate.
- If necessary, the filter cartridges are antistatic. (see scope of delivery).
- All conducting parts are grounded or bonded and connected to ground.
- Internal coatings do not cause static hazards etc.

However, these measures do not prevent ignition sources due to the process or outside influences. Means to eliminate ignition sources from entering the dust collector are a preseparator, a spark trap or a spark detection with extinguishing system. Supply of these items are optional and will depend upon the typical process parameters (see scope of delivery).

So-called constructional or post-operative measures are measures to limit the potential explosion effects in case an explosion still takes place in spite of the preventive measures.

The measures taken on the reinforced dust collector are:

- Explosion venting in combination with explosion resistant design for the expected reduced overpressure and compartmentation

This is a typical mean against the effects of explosions. Of course against fire hazards alone the dust collector can be delivered with optional sprinkler systems or other extinguishing systems.

By venting the explosion to the outside in a safe direction (outside), the pressure inside the dust collector is limited such that it will not collapse. The vent area is designed using:

- VDI 3673. Pressure Venting of Dust Explosions, VDI-Kommision Reinhaltung der Luft, July 1995.
- NFPA 68. Guide for Venting of Deflagrations, 1994 Edition.
- EN 14491. Dust explosion venting protective systems, March 2006.
- IChemE. Dust explosion prevention and protection, 2002.

The explosion panels are certified and provided with a device to detect its actual opening up. This device should be used to stop the plant automatically by interlocking and can be used to activate a sprinkler system to extinguish a fire following the explosion.

By using vent ducts in case of indoor installation, the explosion is lead to the outside and into a safe direction. Vent ducts, however, will increase the expected reduced explosion pressure considerably. To prevent that the expected reduced explosion pressure exceeds the design strength of your Donaldson Torit dust collector, the maximum Kst value of your dust to be collected has to be considerably lower in case of using vent ducts .

There also should be taken into account that, due to the venting explosion, the dust collector is subjected to a reaction force.

Standard Donaldson Torit dust collectors are vented vertically and the reaction forces will be directed downwards into the foundation of the dust collector: this causes no hazards.

However, when the dust collector is side vented, the reaction forces also are directed horizontally and may push the dust collector over if not secured well. Therefore in case of horizontal vents the Donaldson Torit dust collectors should be specially secured. See figure 5: Typical foundation anchor, page 17.



*In case of side venting, the dust collector will have to be adequately supported in order to cope with horizontal recoil forces. See figure 5: Typical foundation anchor, page 17.*

To prevent that the explosion runs back to connected equipment, a back-flap valve or other explosion barriers should be installed.

To prevent propagation of fire, burning products or explosion from the hopper to the outside or process, through the hopper outlet, either an explosion proof rotary valve should be installed that automatically stops at explosion detection or an explosion proof reception bin or other explosion proof dust discharge systems.

## PRIOR TO INSTALLATION

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### Location

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The dust collector should be located with consideration for:

- emptying the dust disposal (see figure 1, page 8)
- shortest runs of inlet and outlet ductwork
- radius bends on elbows as big as possible
- easy access to electrical and compressed air connections
- convenience of maintenance



*Consult the technical specification sheet and drawings for the dust collector weight and dimensions.*

For calculating for foundation or supporting structure consider the following factors:

- the weight of the dust collector
- the material being collected
- all auxiliary equipment
- live loads
- for outdoor installation: snow and wind loads

### Required tools and equipment

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- crane/fork lift
- slings/clevis pins and adequate lifting equipment
- standard tools (screwdrivers, wrenches, etc.)
- drill
- pipe sealant

### Delivery and inspection

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*The dust collector is normally shipped by truck and should be checked for any damage that may have occurred during shipping.*

Note that the bursting panel is always shipped mounted upside-down on the dust collector top flange to prevent any damage.

On top of the bursting panel a galvanised plate is positioned to protect the panel from damage during transportation. The bursting panel and galvanised plate are secured in place with 4 bolts. The other bolts, nuts and washers and the burst indicator switch are delivered together with the dust collector.

Compare the parts received against the packing list. If there is damage or parts missing, notify the delivery company and your local Donaldson Torit representative.

Parts shipped loose with the delivery (depending on your order):

- |                        |                    |                       |
|------------------------|--------------------|-----------------------|
| • dust disposal system | • platform         | • legs and bracings   |
| • transition pieces    | • spare parts      | • control box         |
| • fan set              | • anchor bolts     | • damper pack         |
| • fan box              | • hardware/sealant | • bursting panel      |
| • silencer             | • hopper           | • burst indicator set |

## INSTALLATION

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*All external equipment connected to the inlet, outlet or discharge (e.g. ducting, rotary valve) should be correctly sealed. This can be achieved by applying a continuous 5 mm bead of sealing compound to the mounting surface, along each side of the hole pattern. For non-Donaldson Torit equipment please also check supplier's IOM manual for any specific requirements.*

### Unloading and transport to location

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*Before unloading, remove all packing and strapping.*

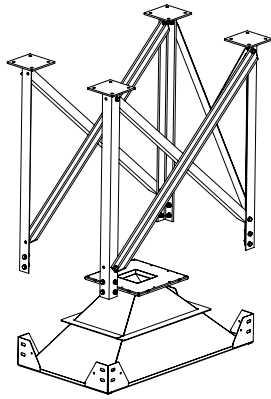
A crane is recommended for the unloading, transport and installation of the dust collector.



*Connect lifting sling to the lifting lugs with clevis pins and distribute loads equally. Use spreader bar if necessary.*

In case of inside installation, a vented dust collector will be provided with a special roof flange. This allows the mounting of a blow off channel (max 3m) around the bursting panel. Channel will divert escaping pressure outside the premises.

Ensure blow off channel is mounted on roof flange with the pre-drilled hole on the same side as the sensor brackets of the bursting panel. This hole is used to pass the cable of the sensor through the blow off channel.



STEPS 1-2

1. Place hopper discharge-side up on ground or other level surface and attach legs to hopper.
2. Assemble leg cross braces.
3. Turn hopper and leg assembly over and lift into position over anchor bolts.
4. Level hopper.
5. Tighten all fasteners securely, including all anchor bolts.



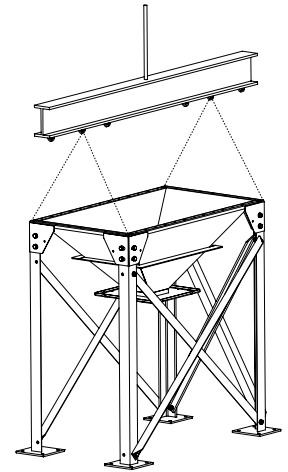
Tighten all hardware before removing crane.

6. Apply sealant to hopper flange
7. Lift unit over leg and hopper assembly and lower slowly.
8. Secure with bolts, washers, and nuts supplied.
9. Apply sealant around inlet opening.
10. Lift inlet onto collector. Secure with bolts, washers, and nuts supplied.

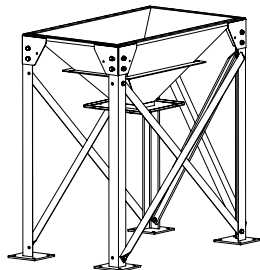
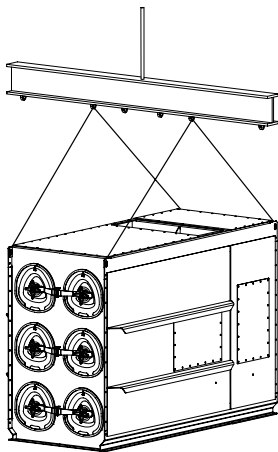


Tighten all hardware before removing crane.

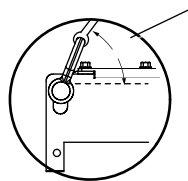
11. Remove crane.
12. Apply sealant to hopper/cabinet and cabinet/inlet seam.



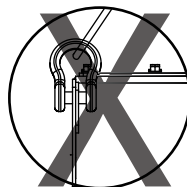
STEPS 3-6



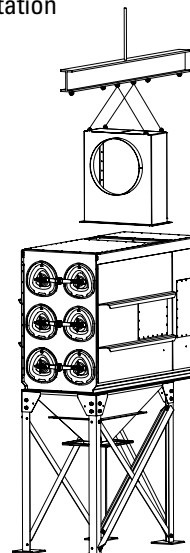
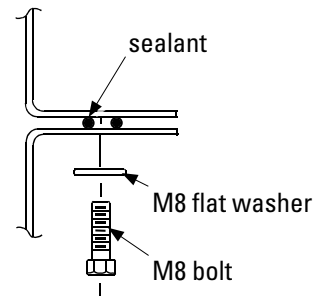
STEPS 7-9



Angle not to exceed 30° from vertical (min. 60° from horizontal)



Do not lift with this orientation



STEP 10

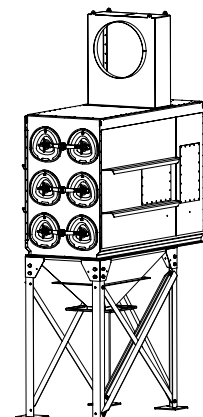
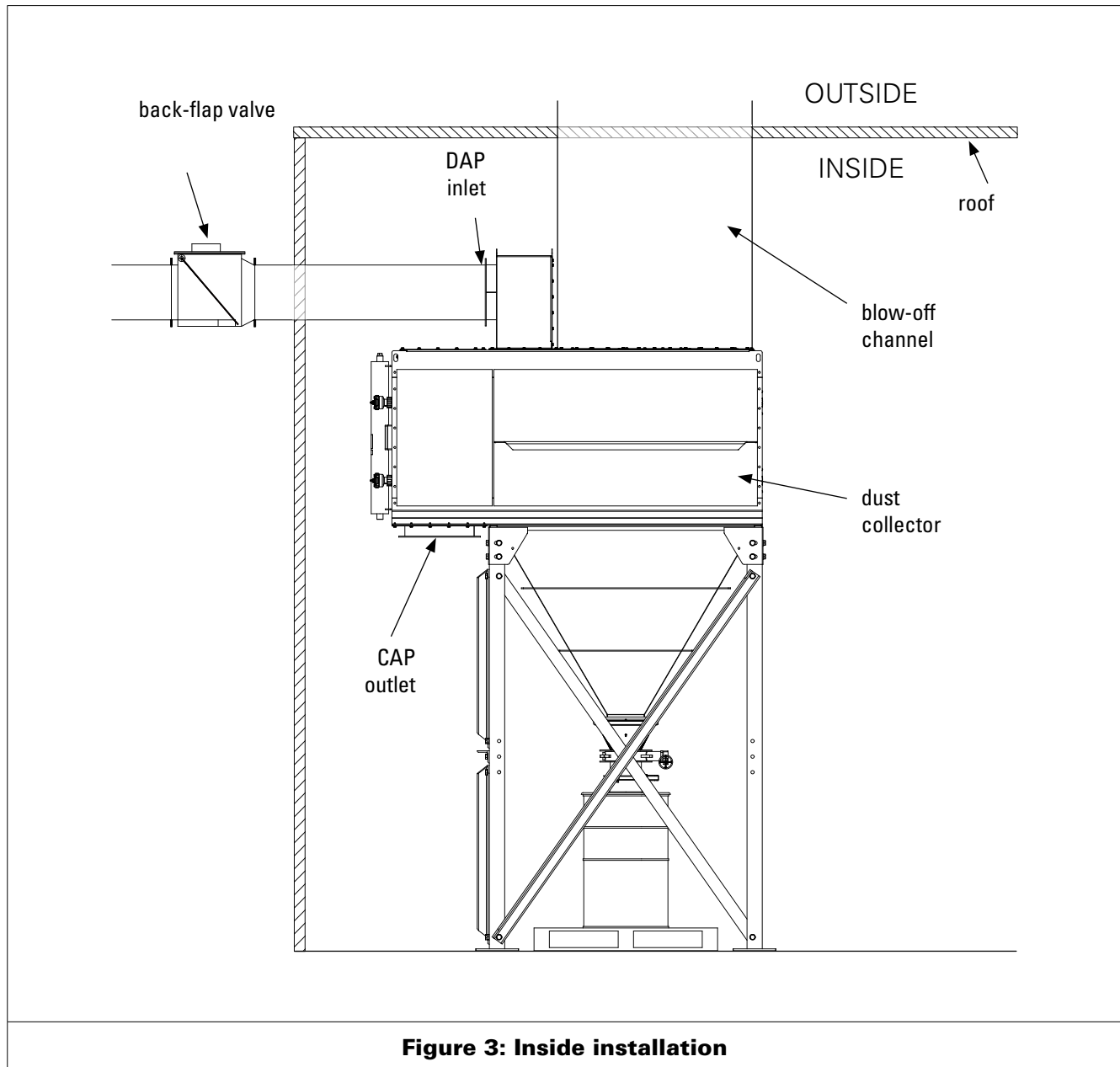


Figure 2: Typical installation



## Installation and assembly



Anchor the dust collector to the foundations.



If any of the following equipment is ordered and mounted please follow the respective instructions.



## Hopper & leg installation

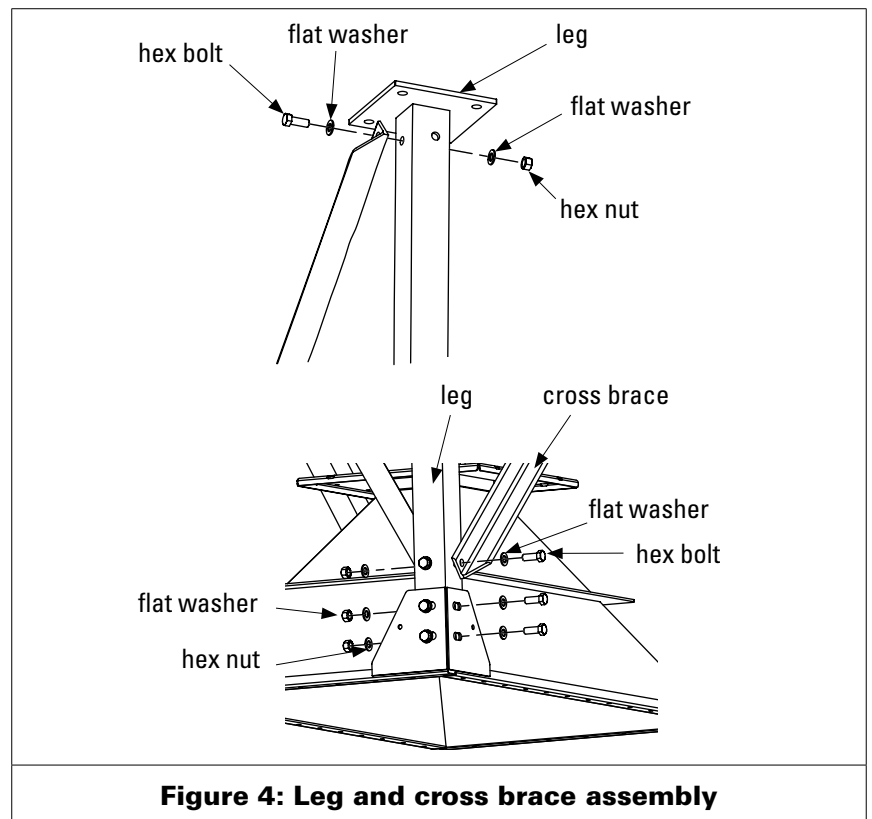
(see figure 'Hopper & Leg Installation')

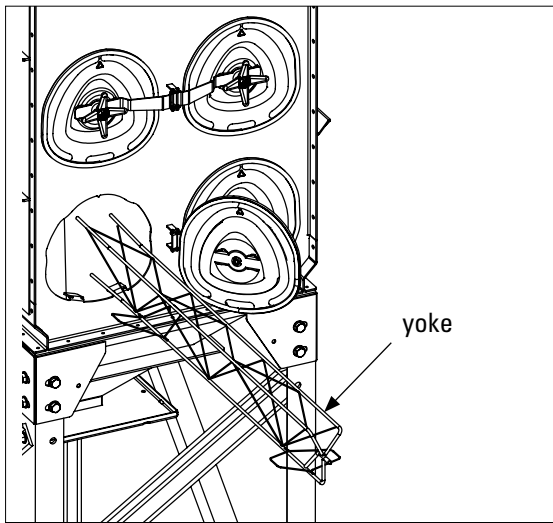
There are three types of hoppers for your dust collector:

1. a single module wide which spans two portholes
2. a single module wide which spans three portholes
3. a double module wide which spans four portholes

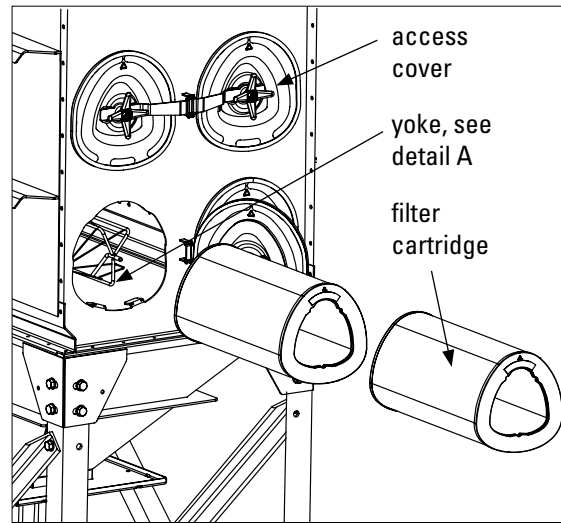
Each of these styles transition to a single outlet opening. All of the leg arrangements are shown in figure 6, 'Leg positioning'. The position of the legs, cross bracing and hoppers for each dust collector size is shown.

1. Stand the hopper(s) up with the disposal end up (hopper outlet).
2. Use drift pins to align the holes in the hopper gussets and legs, and attach the legs with the bolts, washers and nuts. **Do not tighten hardware at this time!**
3. Use drift pins to align the holes in the cross bracing on the rear side of the leg set.
4. Recheck the position of the legs and cross bracing against figures 'Leg Bolting Details' and 'Standard Leg Packs' and the drawing.
5. Join hoppers together at the hopper gussets using bolts, washers and nuts. **Do not tighten hardware at this time!**
6. Flip over the now-assembled hopper/leg pack assembly so that it is standing on its legs (hopper outlet pointing down). This step may require a crane. Another option is to divide the hopper/leg pack assembly into smaller sections to flip over. Make sure to join hopper together after flipping over.
7. Lift the assembled collector onto the foundation. Fasten each footplate of the leg anchor bolts with flat washers, lock washers and nuts. **Do not tighten hardware at this time!** (Depending on the type of anchor bolts, anchor bolts can be mounted afterwards).

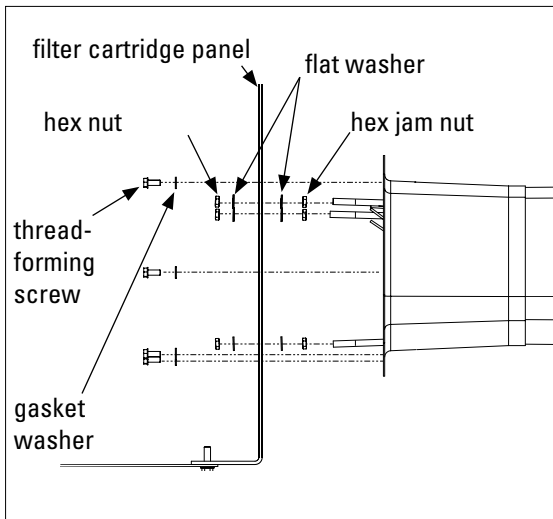




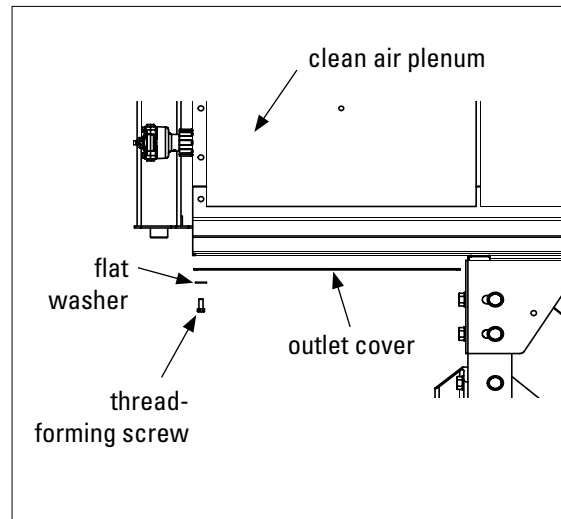
detail A



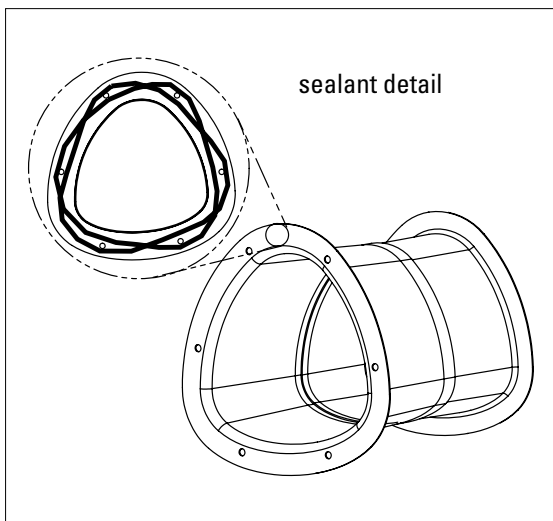
detail B



detail C



detail D



detail E

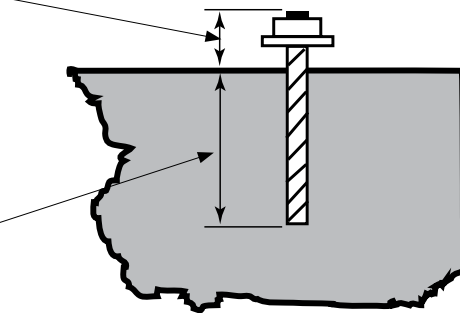
**Figure 5: Yoke, venturi and filter installation**

**Provisional anchor bolt recommendations**

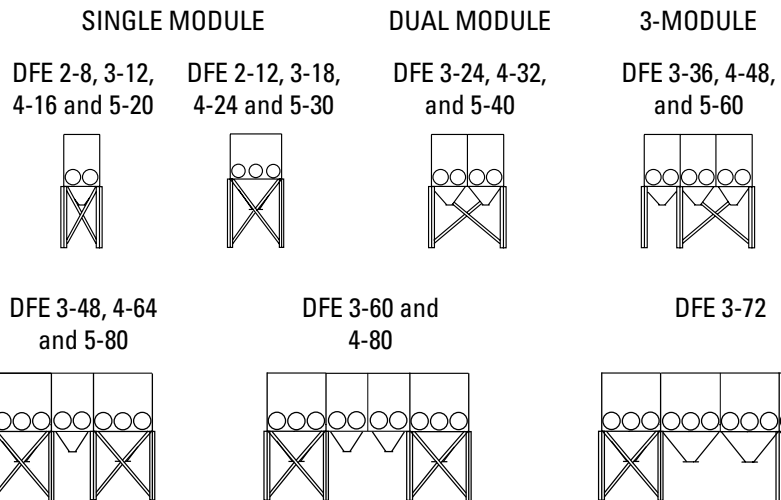
9. Consider Hilti HIT-HY 200 Anchor System or equivalent. Quantity of anchor bolts should match the number of holes provided in the base plates
10. Anchor diameter is typically 3 mm less than baseplate hole diameter.
11. Corrosive environment or outdoor installation may require stainless steel anchors.

Anchor should project a minimum of 45 mm and account for nut, washer, base plate and shims/grout.

Embedment depth



**Figure 6: Typical foundation anchor**



**Figure 7: Leg positioning**

## Field joining installation

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(See figure 'Field Joining Installation')

The dust collector is a modular unit that may require field joining. The field joint may be a result of truck capacity, crane capacity or specific customer requirement.

A detailed drawing of how to join your dust collector has been shipped with your dust collector. Most of the joining hardware is on the inside of the collector. A stepladder will be helpful in assembling the flanges near the top of the collector. Both the dirty air and the clean air chambers will have to be accessed during joining.



*Two cranes are required.*

*Read all instructions for assembly.*

*Leave one hopper off the collector on either side to the joint.*

*The yokes, filter, cartridge baffles and outlet covers have been left off the joint side.*

*Follow all safety precautions when installing your dust collector.*

1. Remove the protective shipping cover from each module.
2. Remove one inspection cover on the clean chamber.
3. Apply sealant to one side of the joint. Follow the sealant pattern exactly as it is shown in Figure 'Field Joining Installation'.
4. Lift both units with cranes into position for joining. Align the bolt holes in the flanges with drift pins. Bolt the joint together with the bolts, washers and nuts. Do not tighten hardware.
5. When all of the hardware has been attached to the collector, make sure that the joints are flush and tighten all hardware.
6. During the tightening sequence, some sealant may loosen out of the joint.



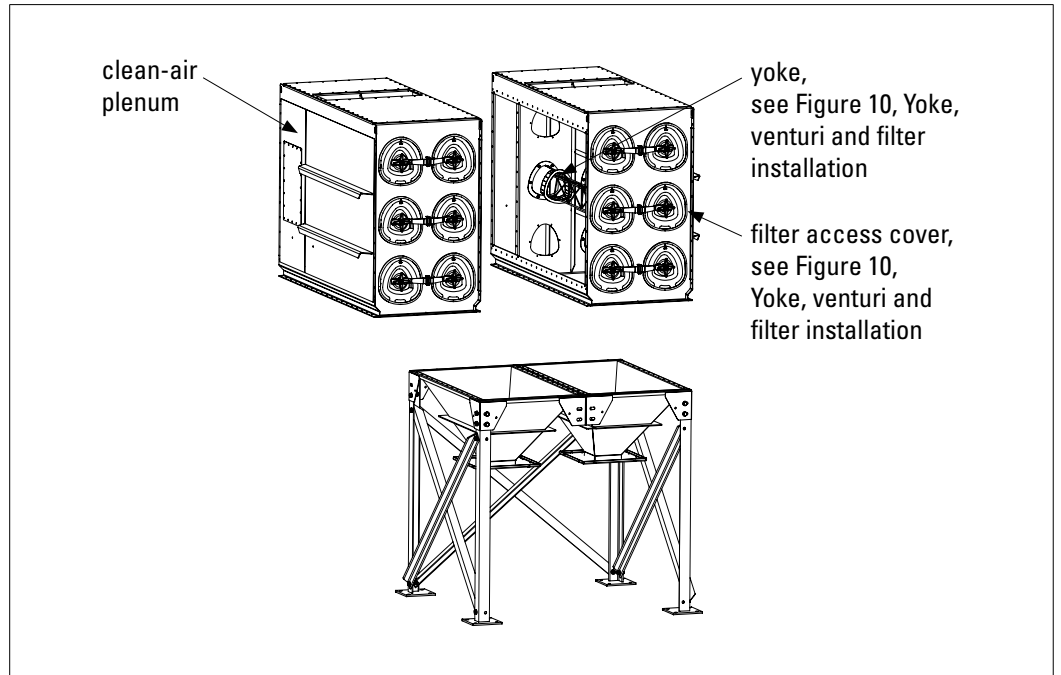
*Wearing protective rubber gloves, proceed to move any excess. Dispose of excess sealant properly.*

7. Proceed with the assembly of the collector.
8. Reinstall the inspection cover.



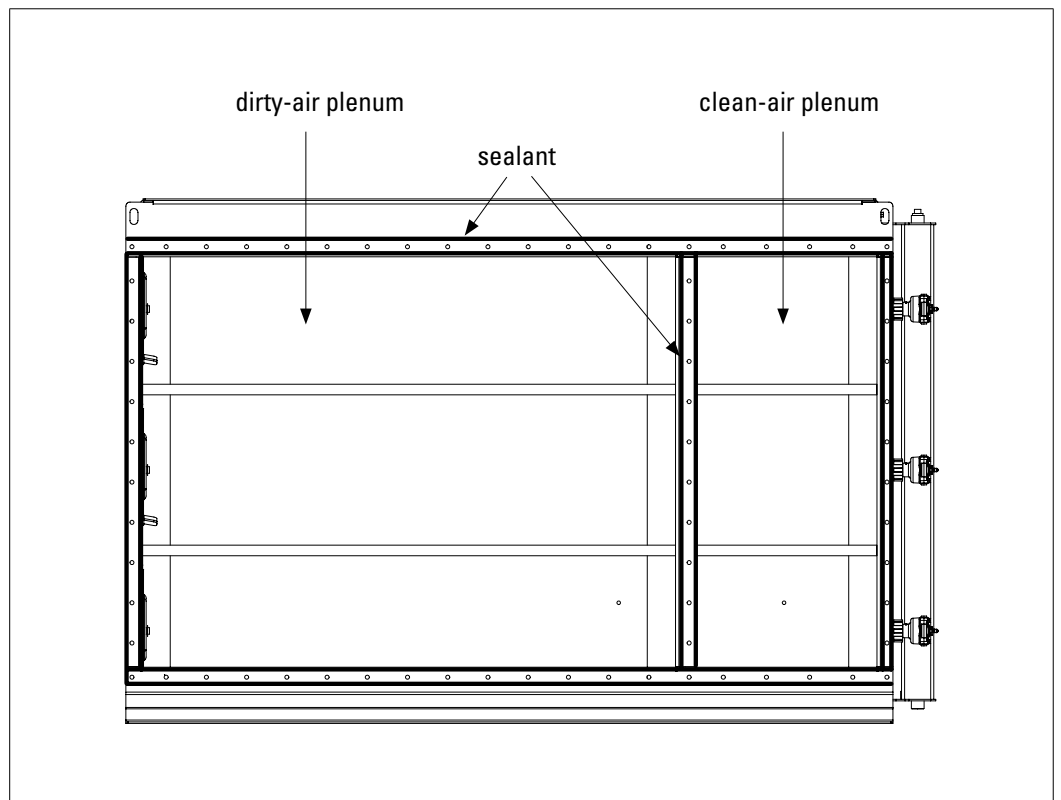
*Two cranes are required to lift and assemble modules.*

1. Remove the protective cover from the end of each module.
2. Remove one column of access covers, filters, venturis, and yokes from the joint side of each module as shown in Detail A.
3. Remove outlet cover from the bottom of the clean-air plenum and set aside.
4. Apply a generous amount of sealant to one module to create an airtight seal between the clean- and dirty-air plenums as shown in Detail B.
5. Lift both modules into position using two cranes.
6. Use drift pins to align the bolt holes in the mating flanges.

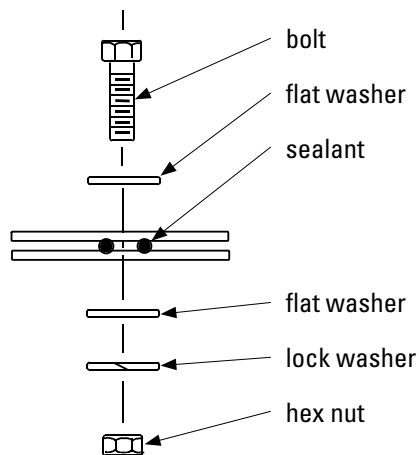


**Figure 8: Field joining Detail A**

7. Bolt the modules together using bolts, washers and nuts as shown in Details B and C. Do not tighten hardware at this time.



**Figure 9: Field joining Detail B**



**Figure 10: Field joining Detail C**

8. Check that all joints and flanges are flush and tighten hardware starting with the joint between the clean- and dirty-air plenums. Remove excess sealant.

### Yoke, venturi and filter installation



*Installing yokes requires two people.*

1. From the clean air plenum (to access, remove the outlet cover, see Detail D in Figure 10 -Yoke, venturi and filter installation), thread a hex jam nut and flat washer to the shoulder of each of the three yoke rod ends. See Detail C.
2. Starting at the top access port work downward. Orient the yoke as shown in Detail A and insert into the housing so the yoke is positioned in the appropriate holes in the tube sheet. From the filter section, have one person hold the yoke in position while another person installs a flat washer and hex nut on each yoke rod end from the clean-air plenum. Do not tighten hardware at this time.
3. Adjust jam nut against the filter cartridge panel. Have one person hold the yoke in position as shown in Detail B while another person tightens the three hex nuts from the clean-air plenum. Repeat to install all yokes.
4. Apply sealant to venturi as shown in Detail E. Slide venturi over the yoke with sealant end first. Hold venturi in place while installing venturi hardware (thread forming screws and gasket washers) from the clean-air plenum.
5. Slide the filter cartridges into the collector on the yoke gasket-end first. Replace access cover and tighten securely by hand following instructions found in Maintenance Information. Repeat for all filter cartridges.
6. Replace the outlet cover on the bottom of the clean-air plenum shown in Detail D.

## Platforms and ladders

Stationary platforms are available for each size collector.

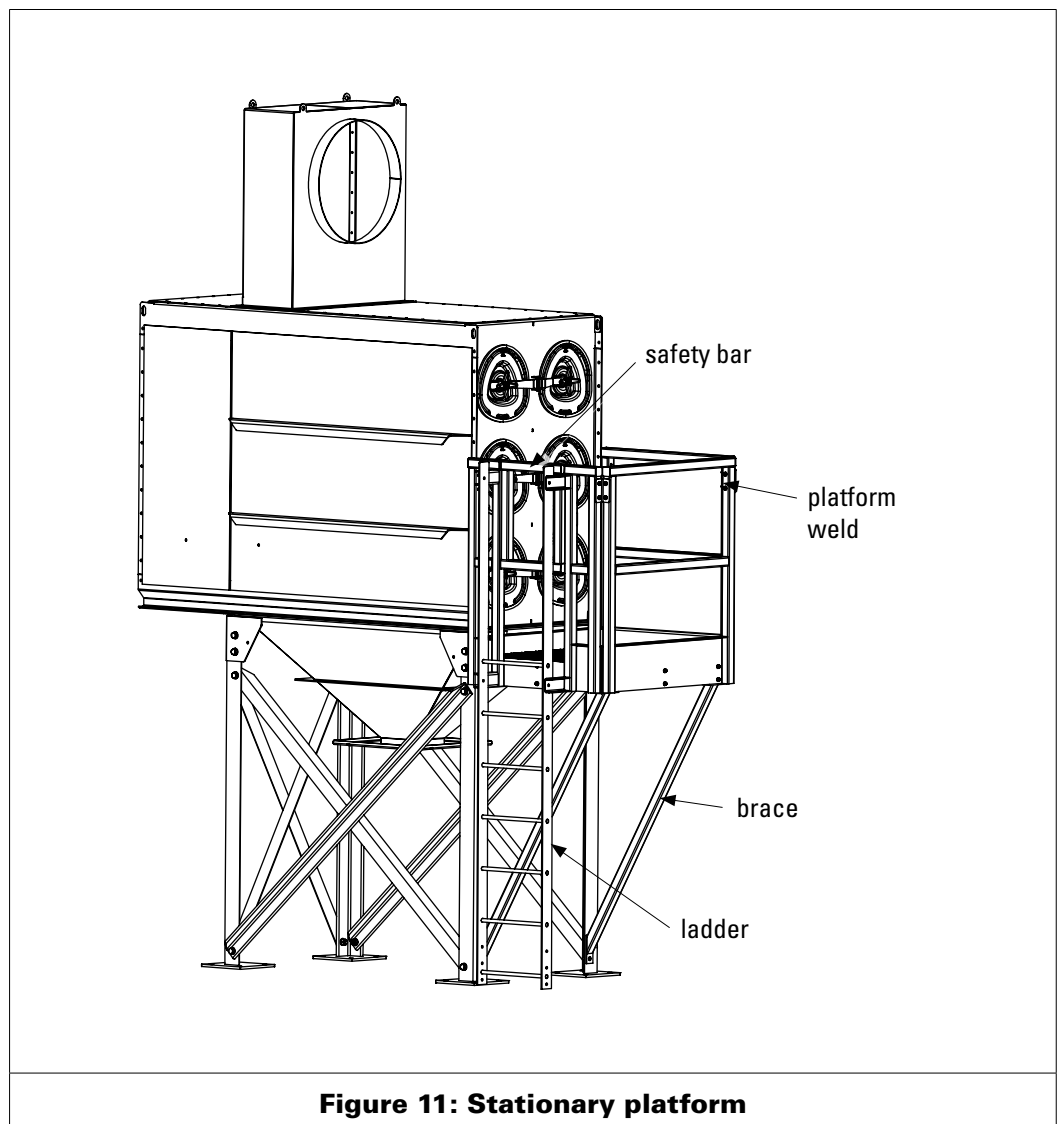
For two filter wide models the platform is available for standard or steep-sided hoppers with the ladder located left, right, or front of the platform.

On three filter wide models the platform is available for standard hoppers only with ladder access on the left or right side only. Complete installation and assembly instructions are shipped with the platform.



*Dropping the platform can result in personal injury and/or property damage. Secure the platform assembly to the crane or forklift with straps or clamps.*

1. Pre-assemble the platform according to the instructions shipped with the platform. The hardware and placement is called out on the assembly drawing.
2. Lift the assembled platform into position and secure following the assembly drawing instructions.
3. Tighten all hardware before removing crane or forklift.
4. Check platform hardware each time the platform is used.



**Figure 11: Stationary platform**

## Control box

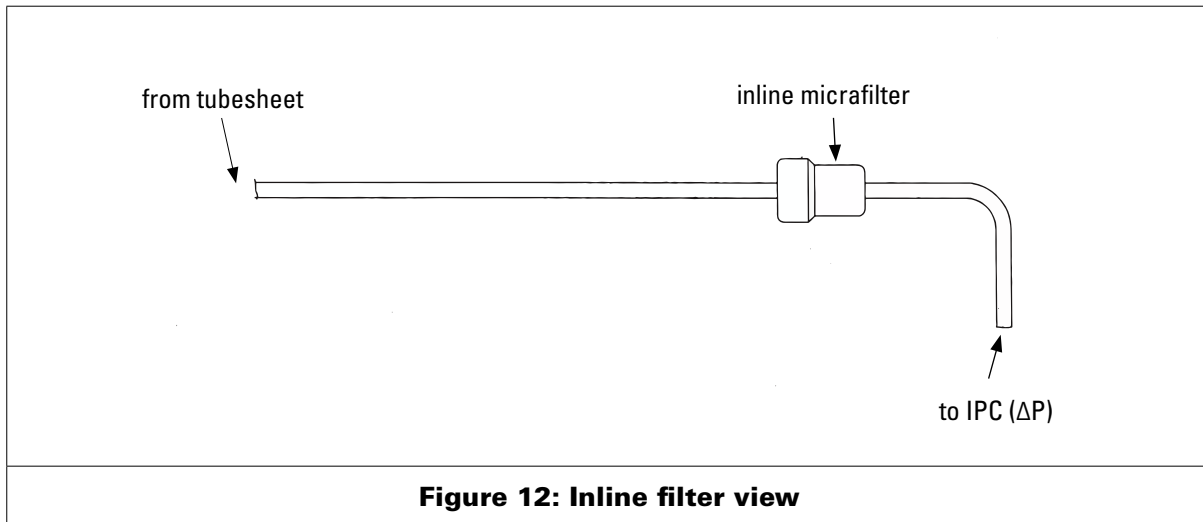


The controlbox is factory mounted on the hopper according to our standards (except when specified by order).

If not pre-mounted please make sure that the in-line filter is positioned correctly on the dirtyside tapping point connection to the control box (refer to figure 12 for mounting details).



All the instructions related to the controlbox are mentioned in separate manuals.



**Figure 12: Inline filter view**

## Compressed air connection



Compressed air pressure must be between 6 and 7 bar.

Be sure that all compressed air components are adequately sized to meet the maximum system requirements of 45 Nliters per pulse at max 7 bar supply pressure (= design pressure).

It is a requirement that adequate precaution is taken to avoid exceeding this pressure. A relief, safety valve, is required if the connected supply can exceed this pressure. A label is also attached to each manifold indicating manifold design details.

Compressed air supply should be both oil and moisture free.

The piping should be installed to provide a fall in the directions of the air flow to assist in the drainage. A moisture separator should be provided at the lowest point of the installation.

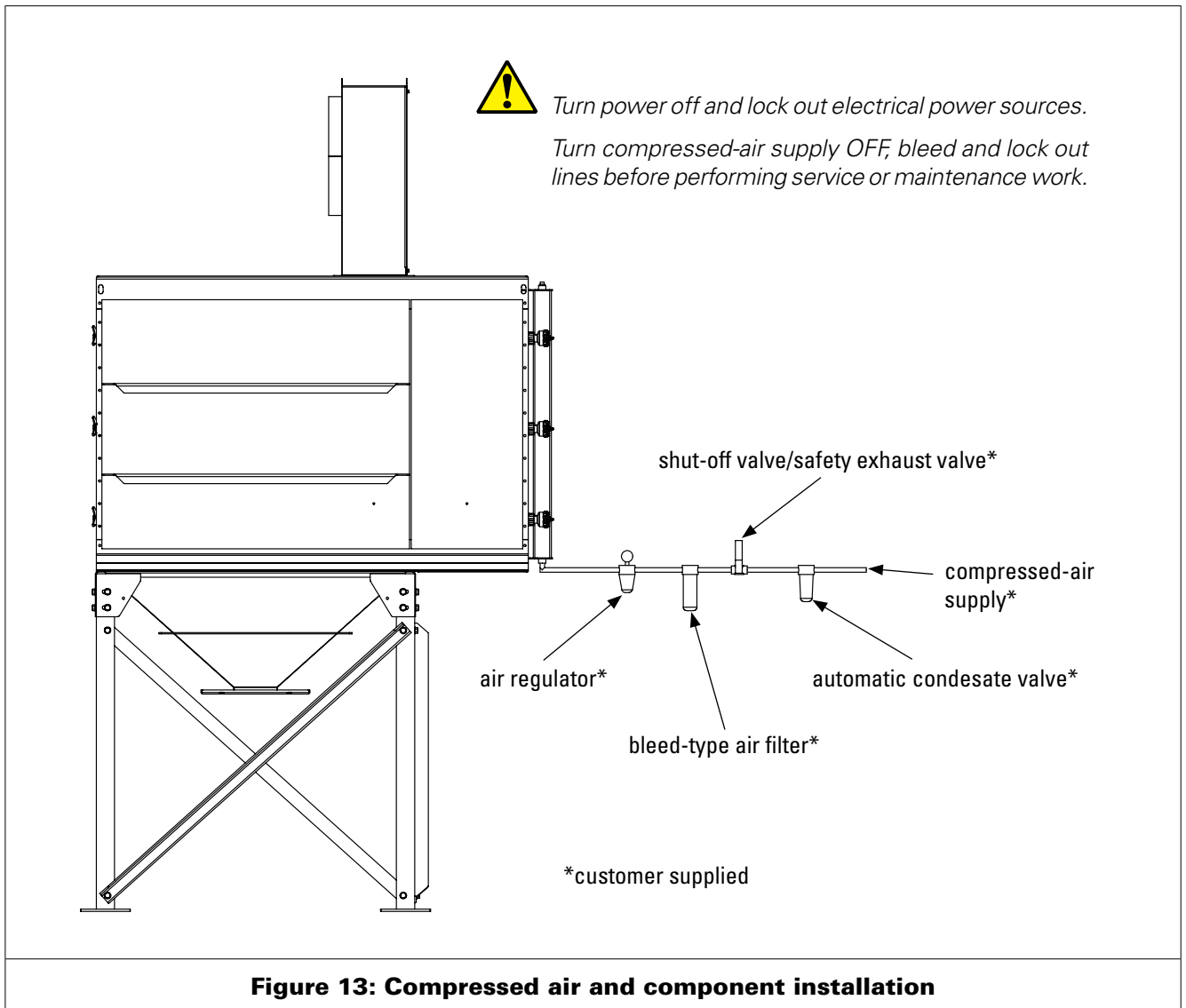
Purge compressed air supply lines to remove debris before connecting to the compressed air manifold.

Connect the compressed air supply line to the compressed air connection at the bottom of the dust collector.

Use thread-sealing tape or pipe sealant on all compressed air connections.

A compressed air shut-off valve, a filter/water separator with automatic condensate drain, a pressure regulator with gauge must be installed in the compressed air supply line. Locate these components for convenient service, in the immediate vicinity of the dust collector.





### Electrical connection



Amperage and voltage information is shown on the nameplate ratings of the fan motor. Over amperage of manufacturer's recommended service of motor will cause damage.

- If the fan is not premounted, connect the fan motor to the control box according wiring diagram.
- Connect the main power to the control box according the wiring diagram included in the control box.



Check the rotation of the fan wheel (direction of the arrow on the fan housing). If the fan is running in the wrong way, it will deliver only approximately 40% of its rated air volume.

Lock out all electrical input power and interchange any two wire leads (3 phase only) on the output side of the motor starter to reverse fan rotation.

### Solenoid valves

See C-series controller manual.

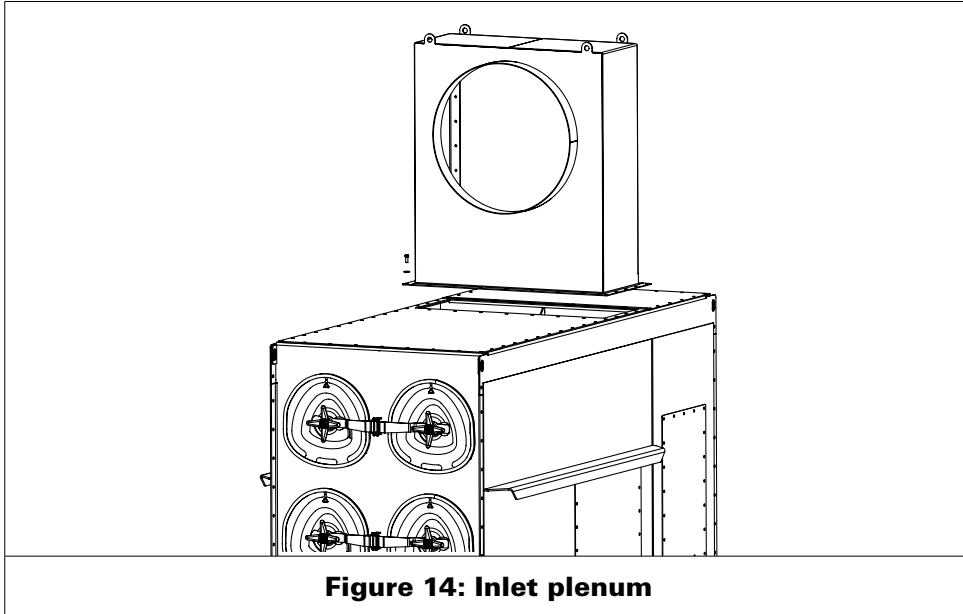
## Inlet plenum

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The inlet plenum is standard on Downflo® Evolution collectors unless another inlet plenum option has been selected.

The inlet plenum directs the dirty air stream to the back of the dirty-air plenum over the venturi section.

1. Remove the unit's shipping cover plate. Remove excess sealant from opening.
2. Apply sealant around the opening toward the inside edge of the bolt pattern.
3. Align the holes on the inlet collar with the holes in the unit and secure using bolts and flat washers supplied.



**Figure 14: Inlet plenum**

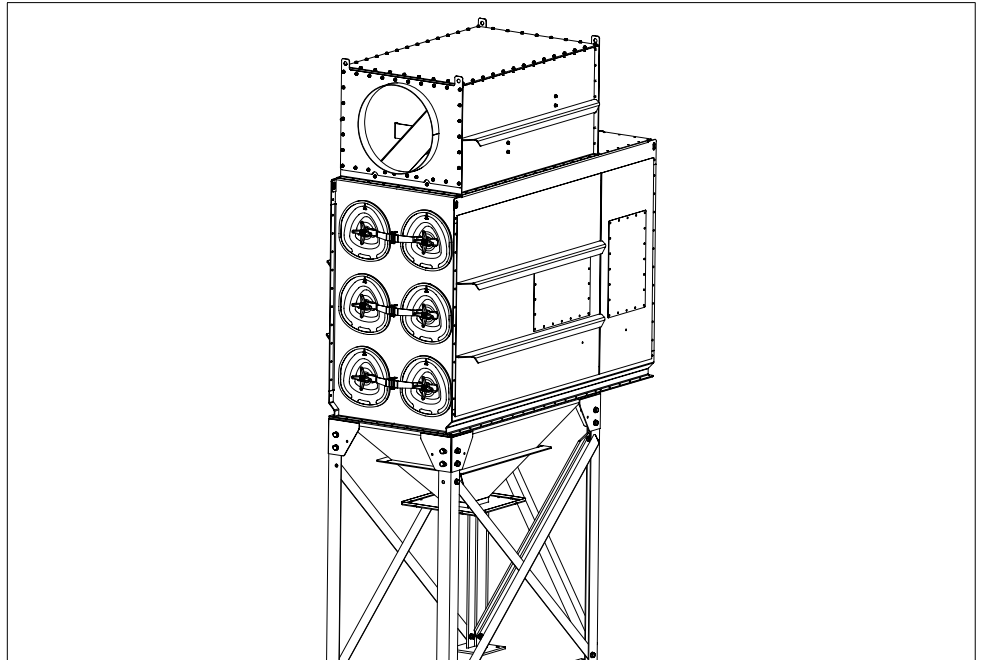
## High Flow Inlet Plenum

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The high flow inlet plenum is used in applications with higher flow rates. Please contact application engineering.

The high flow inlet plenum is supplied with standard service access panels on the front, back and top of the plenum.

The top access panel is available with and without an explosion vent.



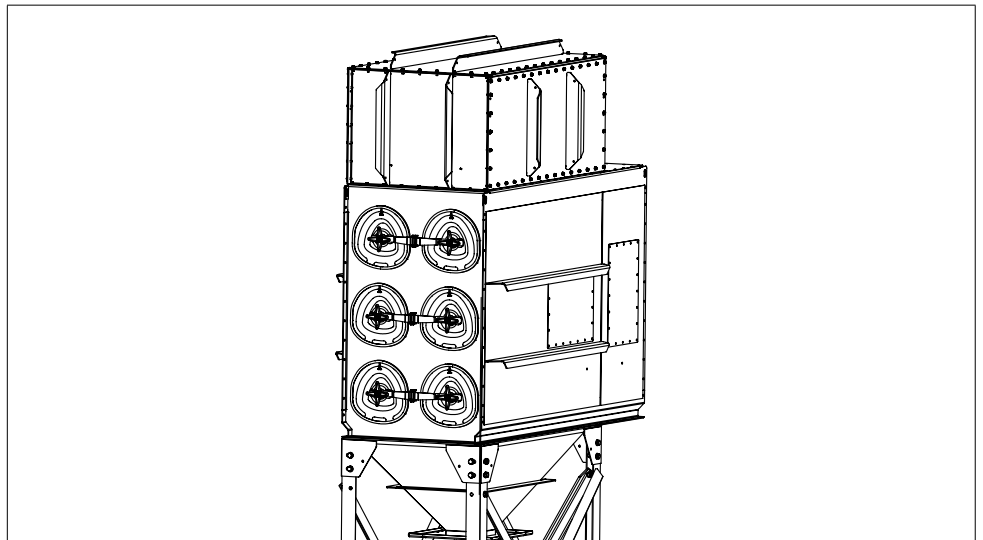
**Figure 15: High flow inlet plenum**

### **Extended Dirty-Air Plenum**

The extended dirty-air plenum is used in applications requiring an air management module or when a single inlet serves multiple modules.

The extended dirty-air plenum is supplied with standard service access panels on the sides and top of the plenum.

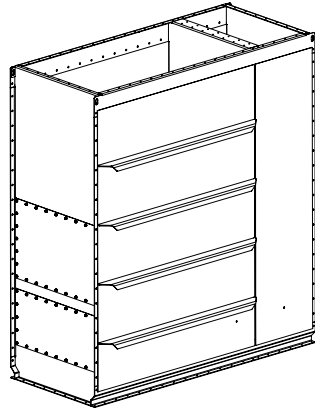
The top access panel is available with and without an explosion vent.



**Figure 16: Extended Dirty-Air plenum**

## Air management module

The air management module is used in applications involving heavy grain loading, large or abrasive particles in the airstream, or in applications when a collector with a single inlet serves multiple modules. It is equipped with a louvered panel near the bottom, which prevents re-entrainment of the dust that falls through to the hopper. This module does not contain filters, and is available for use with an extended dirty-air plenum only.



**Figure 17: Air management module**

## Sprinkler



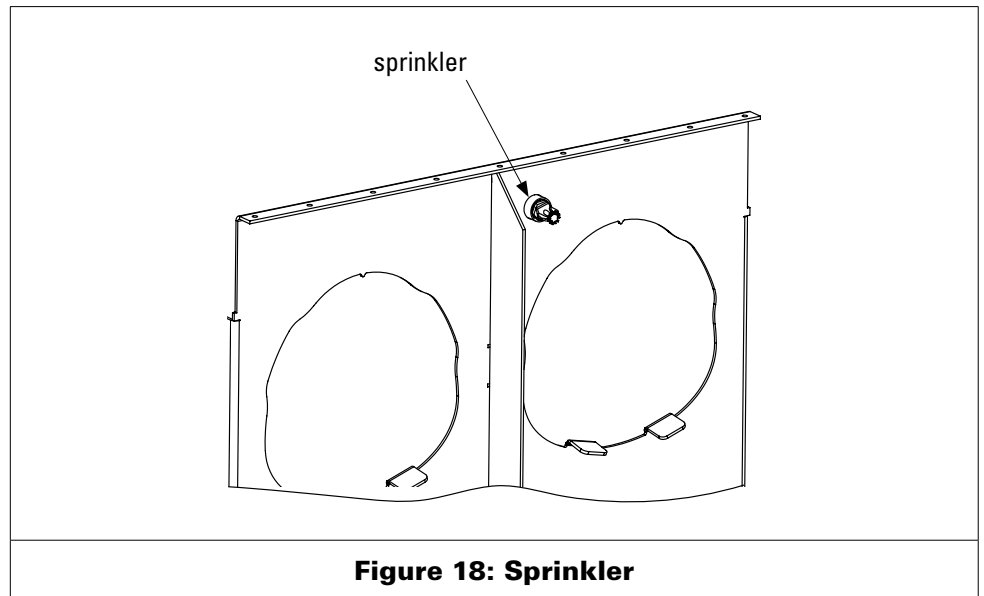
*Sprinklers can place a large quantity of water in the dust collector when activated. Provide adequate drainage to remove water. Excess water weight can cause the leg structure to collapse.*

Fire control sprinklers are available for models operating under negative pressure. Donaldson Torit supplied sprinklers require a minimum of 1 bar water pressure which will produce a discharge per sprinkler head of 77 liters per minute.

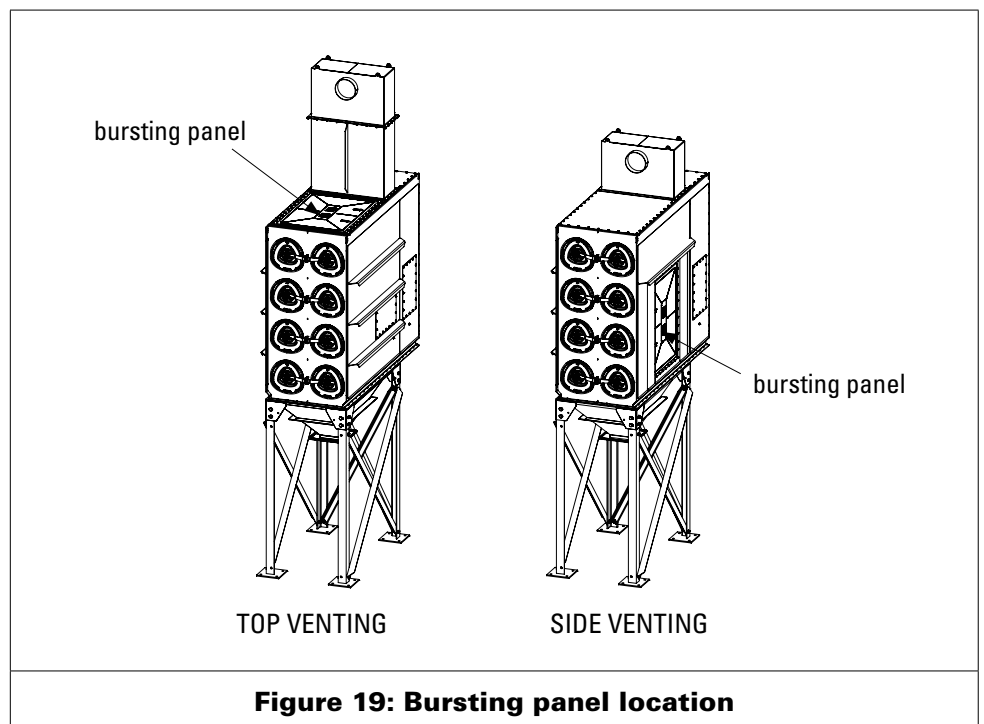


*Consult with local authorities when installing fire control systems on dust collector equipment.*

1. Remove or open the filter access covers to access the sprinkler tap located in the dirty-air plenum.
2. Apply pipe sealant to the threads of the pipe reducer located on the sprinkler assembly.
3. Thread sprinkler assembly onto the 1-in diameter sprinkler tap.
4. Tighten securely.



### Bursting panel and indicator



1. Remove protective shipping cover from top of collector (underneath is the explosion panel positioned upside-down).
2. Inspect the panel and ensure it is clean.



*Handle the panel with extreme care.*



*Check the location and system specifications correspond with the serial number and data on the panel serial plate.*



**Figure 20: Bursting panel serial plate and label**

3. Apply sealant to top flange of collector, making a continuous 5 mm bead along each side of the holes.
4. Place panel on flange (bulged side facing upwards) and align bolt holes in flanges with drift pin.
5. Bolt panel and flange together using bolts, washers and nuts supplied.



*Use washers between panel and bolts.*



*Follow the torque value specified on the panel serial plate. Torque should be applied crosswise and in a least two stages. Torque values are based on new free running bolts coated with light oil. After initial start-up, check torque values.*

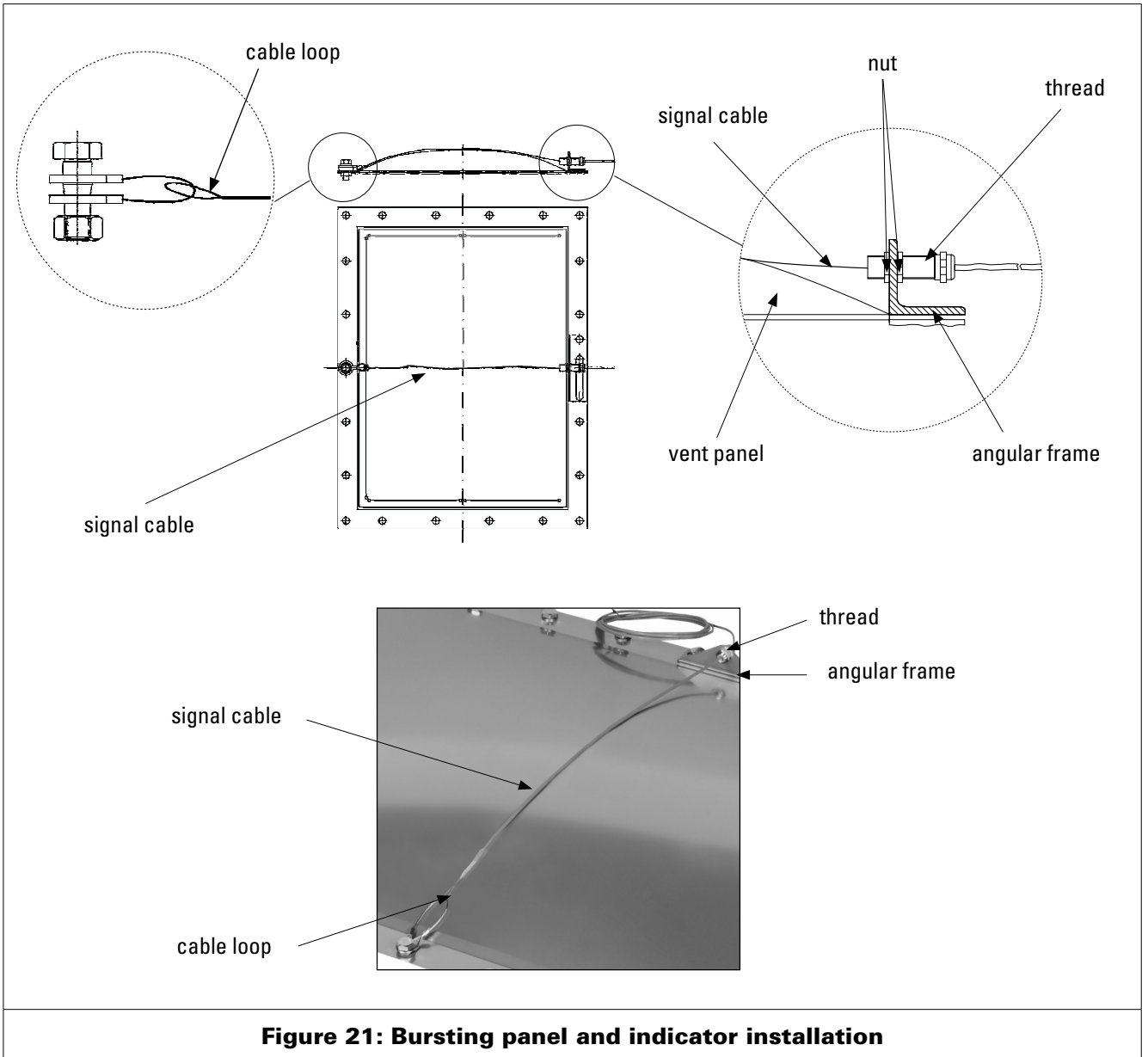
6. Assemble the explosion detection device (bracket and signalling cable) and place into position. The signalling unit including cable loop must be integrated into the threaded cable connected in such way that the loop is matching the other side of the explosion panel.
7. Pull the steel cable carefully through the cable loop and fix both mounting eyes with the mounting screw (min. M10) of the vent panel.
8. Now pull the signalling unit carefully to a slight tension and tighten the threaded cable connection. The cable shall be at the crest to the dome of the panel or lead straight across in case of flat panels.



*Do not bend the stiffened part of the cable as damage could occur.*



*It is mandatory that the cable connection is pulled tight otherwise the signalling unit does not break and no alarm signal is actuated. This means that no alarm contact or plant shut off is triggered. Heavy damages (e.g. due to further transport of burning material or uncontrolled product release) can be the consequence.*



**Figure 21: Bursting panel and indicator installation**

### Bursting panel indicator switch

According VDI, each bursting panel may be combined with signalling devices which will trigger a shut down or a controlling mode. Therefore Donaldson Torit will supply a bursting disc indicator switch with each bursting disc (see scope of delivery).

When connecting the indicator switch, the following must be taken into account:

- maximum supply voltage : 30 Volt DC
- maximum current : 100 mA / 3 Watt

When the indicator is located in a hazardous area, the electrical circuit to the indicator must be intrinsically safe. (an optional isolation amplifier is a perfect solution)

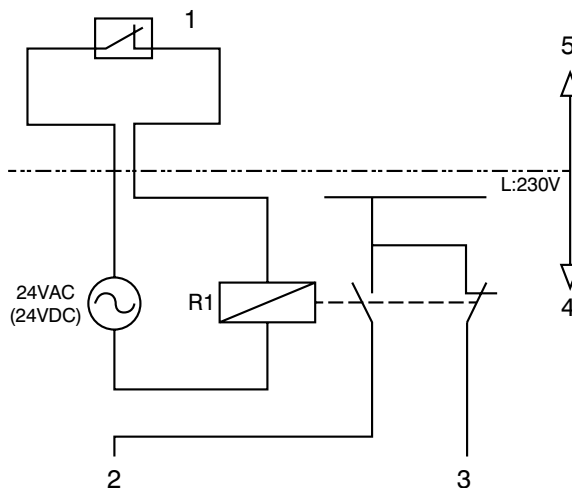


*As the burst indicator is a very sensitive device, it is recommended to use always a isolation amplifier, this gives the best guarantee for TROUBLE FREE electrical functioning of the indicator.*

#### Typical wiring diagrams



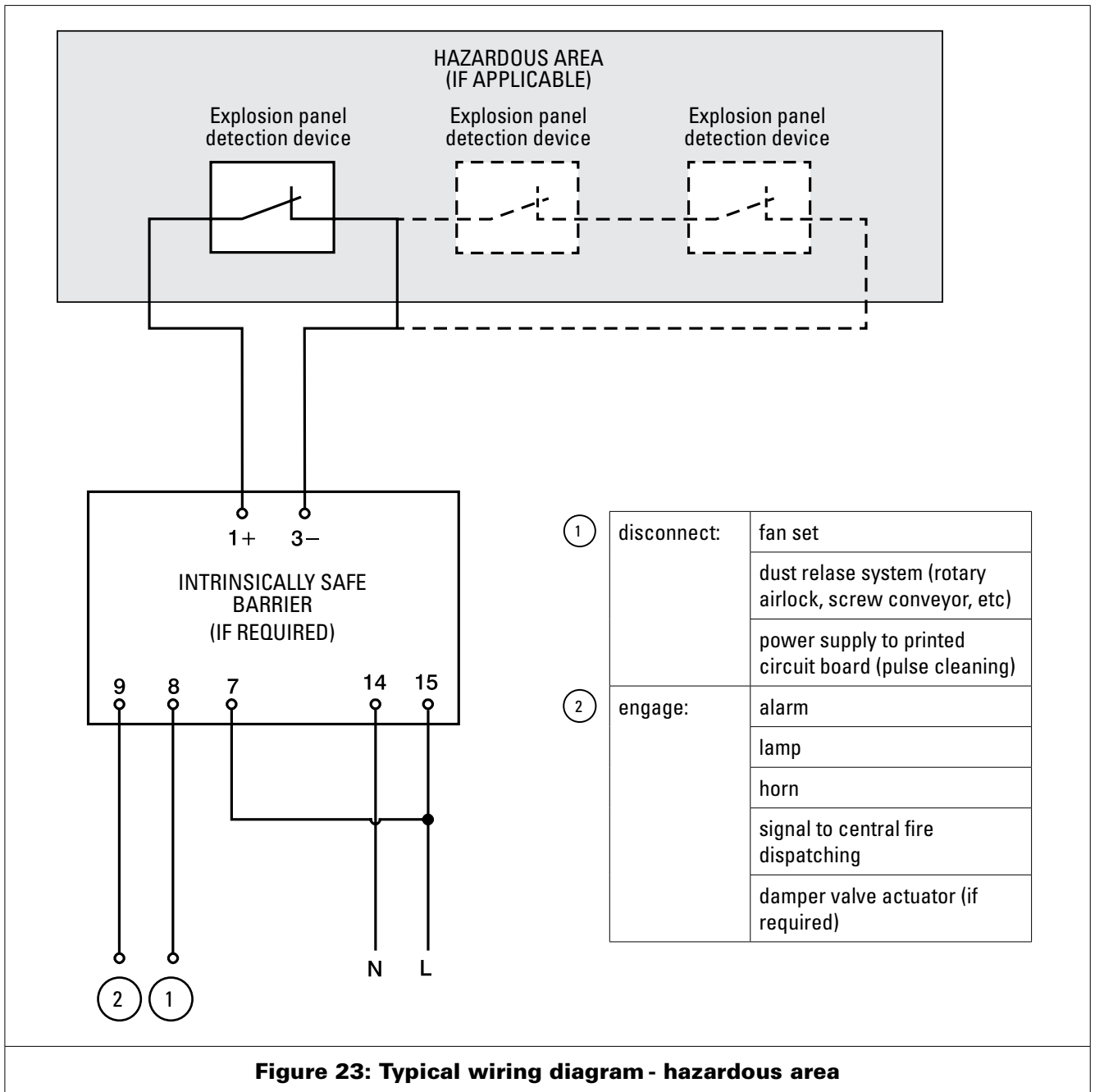
*These diagrams are only for information as the wiring diagram will be different for each individual dust collector installation (depending on the configuration of the dust collector; availability of dust release system, damper valve actuator, alarm, fan, etc. and requirements of the customer).*



1	burst indicator
2	disconnect:
	fan set
	dust release system (rotary airlock, screw conveyor, etc)
3	engage:
	alarm
	lamp
	horn
	signal to central fire dispatching
	damper valve actuator (if required)
4	customer delivery
5	Donaldson delivery

**Figure 22: Typical wiring diagram - non-hazardous area**





**Figure 23: Typical wiring diagram - hazardous area**

**Dust outlet connection**

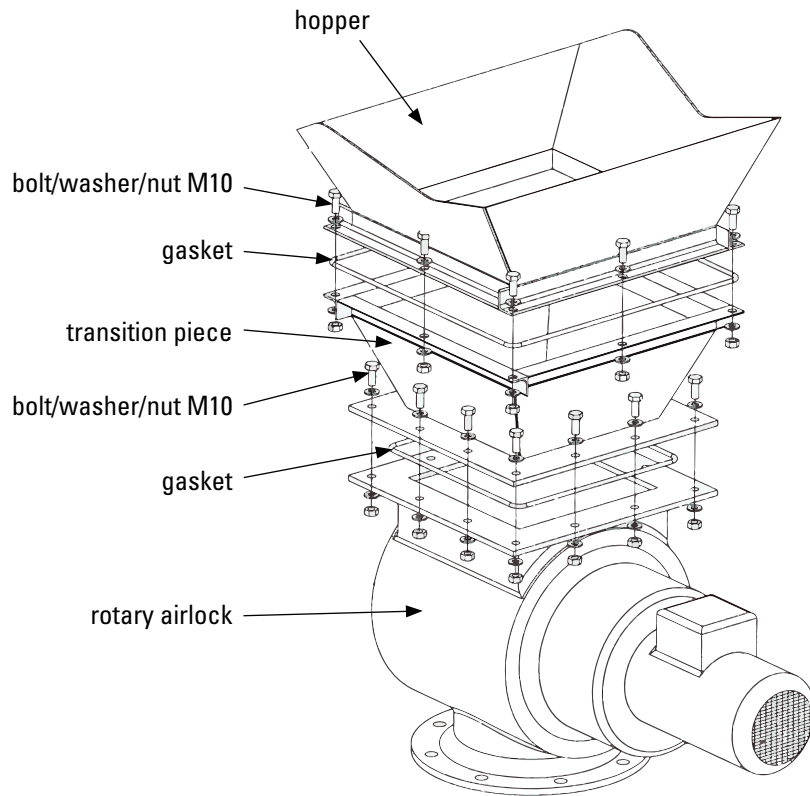
When using rotary airlock or screw conveyor:

- A sealant must be fitted between all connecting flanges.
- Check the rotation (direction of the arrow).
- Electrical connections shall be made by a qualified electrician.



*The access to the rotor/screw or butterfly valve must be made impossible during operation.*

*See Manual of your dust disposal system.*



**Figure 24: Dust outlet connection**

## START-UP CHECKLIST

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### Electrical connection

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*Follow all steps before first start-up and when the dust collector is not been used for a long period.*

*For daily use follow steps 1, 2, 3, 5, 6 and 8.*

1. Check that the outlet of the fan is free of debris before starting.
2. Make sure the dust disposal system is properly installed under the hopper.
3. Turn on the hopper disposal system (where so equipped and on a separate control). The direction of rotation must be checked. The system must always be operating when the dust collector is operating.



*Too much airflow can cause electrical failure of the fan motor or dramatically reduce the life of the filter cartridges.*

4. Check if the damper valve is 50% closed.
5. Check if the covers are closed.
6. Switch main power on.
7. Check the airflow with a pitot tube and a micro-manometer in the ductwork and adjust the damper valve to the desired airflow.
8. Turn on the compressed air supply. Adjust to 6.5 bar of pressure with the compressed air regulator.



*Do not increase compressed air pressure beyond 7 bar as component damage may result.*

The cleaning cycle only starts when necessary. For customized settings see the controls manual.

## OPERATION SCHEDULE

To ensure a good performance of your dust collector follow the checkpoints mentioned below according the timetable.

No.	Checkpoint	Type of control	Measures	day	Weeks			
					2	4	8	26
1	Control box	Visual check $\Delta P$	See trouble shooting guide in Control manual	•				
2	Dust disposal system	Check contents of dustbin(s)	If $\frac{3}{4}$ full, empty dustbin (see section 'Dust removal')	•				
3	Fan set	Excessive noise	See Troubleshooting guide	•				
4	Clean air chamber	Emission : dust carry over in clean air chamber	See Troubleshooting guide		•			
5	Controls settings	Check settings of both potentiometers (pulse time 100 milliseconds, interval time 10 seconds) on the control box (see separate manual)	Interval time normally to be set at 10 seconds. Pulse time 100 milliseconds.		•			
6	Filter/regulator	Oil and/or water is in the reservoir	Switch off and bleed compressed air prior servicing. Clean oil water separator. Check compressor.		•			
7	Solenoid valves	Noise of escaping air is produced	See Troubleshooting guide		•			
8	Diaphragm valves	Noise of escaping air is produced	See Troubleshooting guide			•		
9	Doors	Visual check gaskets	Replace gaskets if necessary			•		
10	Connecting ducts	Check for leakage	Repair if necessary				•	
11	Dust collector and platform	Check damage, strength and corrosion	Repair or replace if necessary					•
12	Filter cartridge	Preventive replacement of all filter cartridges	Unless otherwise specified in the scope of delivery <u>every 2 years.</u>					
13	Bursting panel	Periodic visual inspection	Bursting panel to be replaced if it appears damaged, corroded or leaking				•	

## SERVICE

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*Disconnect electrical power before servicing.*

*Shut off and bleed compressed air supply before servicing any compressed air components.*

*No welding should be performed inside without fire protection.*

*Avoid contact or exposure to dust during servicing or maintenance.*

### Dust removal

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*Do not let the dustbin overfill. It can cause poor dust collector performance.*

1. Turn off the dust collector and empty the dust disposal on a regular base (recommended to empty the dustbin when 3/4 full).
2. If the hopper has a butterfly valve, close before servicing the dust bin. Remove and empty the bin.
3. Reinstall the bin and open the valve. The fan does not have to be shut off if this procedure is followed.

### Change of filter cartridges

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(see figure 25 - Exchanging filter cartridge)

#### Filter cartridge removal



*All filter cartridges should be changed at the same time.*



*Dust laden filters may be heavy and difficult to handle. Provide appropriate means of access to replace filter cartridges safely in case no platform is installed.*



*Generally filter cartridges cannot be washed and re-used. Only non-cellulose based media types can in some instances be cleaned with water, but contact your Donaldson Torit representative before doing so.*

1. Turn off power to the collector.
2. Begin filter cartridge replacement at one of the top filter access ports. Continue by replacing the remaining filter cartridges in the top row. Proceed to replace filter cartridges in the next rows. Replacing filter cartridges row by row starting at the top will help limit dusting during replacement.
3. Remove access cover by turning knob counterclockwise.



*Do not use the access cover features as climbing equipment. Use safe practices for maintenance and installation.*



*The genuine Donaldson Torit filter cartridge is the only replacement filter that will provide the high level of performance that you expect from your investment in the Donaldson Torit dust collector.*



*Do not drop or rap the new filter cartridge on the floor or any other hard surface. Damage to the filter cartridge will occur, resulting in leakage. It is necessary to clean the dust off of the tube sheet all around the opening to ensure a positive seal of the filter gasket.*

4. Break the seal between the filter cartridge and the sealing surface.
5. Slide each filter cartridge out the access port along the suspension yoke and dispose of properly.
6. Inspect and clean the sealing surface if necessary.
7. Clean any dust from the yoke threads that may have accumulated during the filter removal.
8. Check for any accumulation of dust in the storage area and remove as necessary.



*If the gasket is damaged the cover has to be replaced.*



*Lack of compression of the filter gaskets can cause leakage.*

### Filter cartridge installation

1. Slide the gasket end of each new filter onto the end of the suspension yoke.



*The filter shape and yoke work together to ensure proper filter alignment during filter installation. To assist with alignment, an alignment mark ( $\Delta$ ) at the top of the filter endcap (non-gasketed end) must match with the alignment mark ( $\nabla$ ) at the top of the filter access opening.*

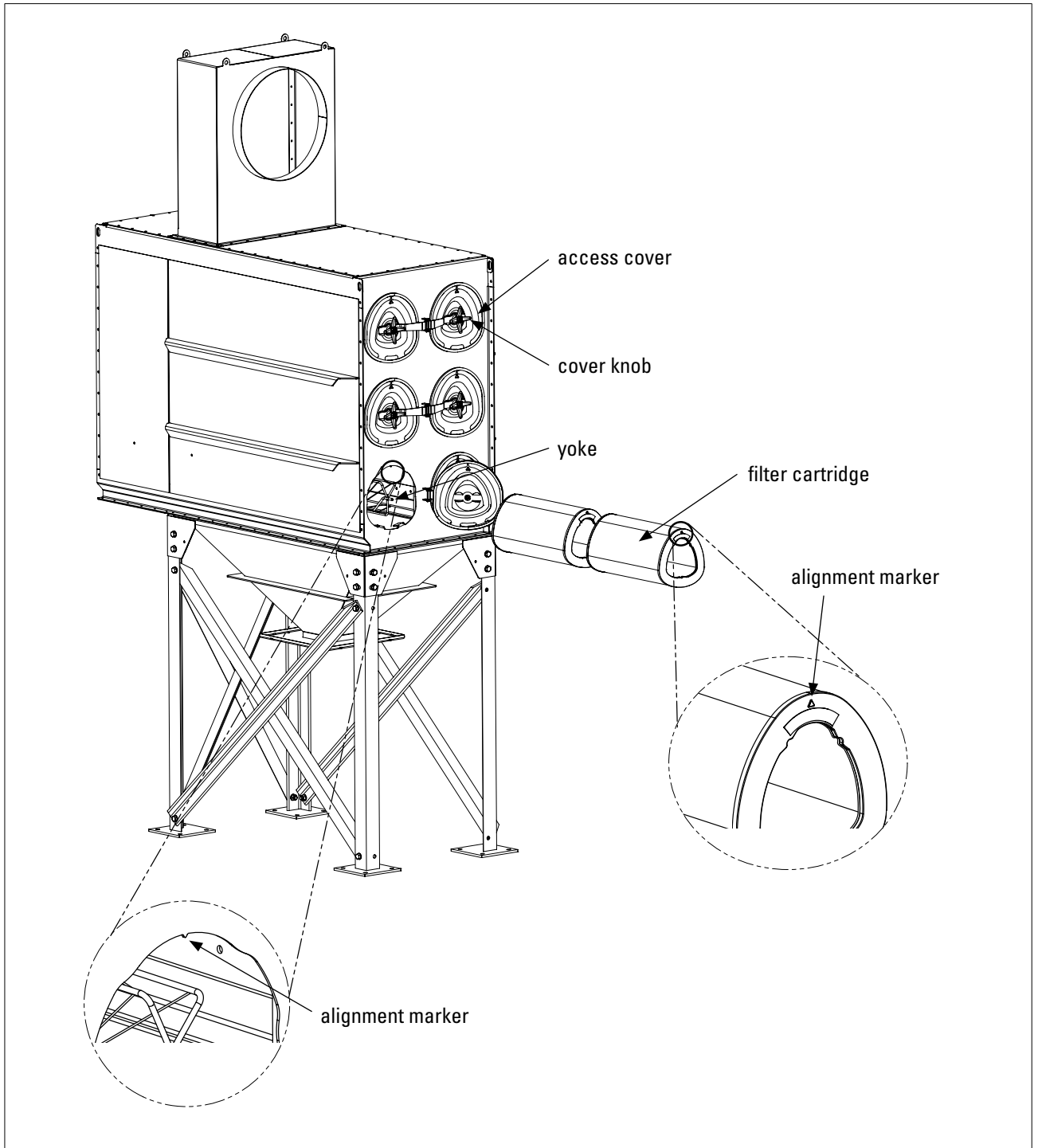
2. Inspect cover gaskets. Clean and/or replace as necessary.
3. After new filter cartridges have been installed, place the access cover on the yoke and hold it in position while tightening the knob securely by hand (3 turns) before using tool assist option.
4. If knob fails to thread onto yoke, on the opposite side of the hinge, apply slight pressure to the access cover using other hand. Continue to turn knob to start threading onto the yoke.



*The access cover must be properly aligned to ensure a dust tight seal to the housing.*

*Do not exceed 17 N\*m (150 inch\*lb) tightening torque to secure access cover as over tightening may cause damage to the filter and/or equipment.*

*After securing the access cover check that access cover is properly seated and sealed against the collector cabinet front panel (a.k.a. access panel). If access cover is properly seated it will seal correctly with no more than 150 in\*lb tightening torque.*



**Figure 25: Exchanging filter cartridge**

## Diaphragm valve

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### Valve disassembly

Disassemble in an orderly fashion. Pay careful attention to exploded views provided for identification of parts.

1. Remove the clipping from the valve body to remove the bonnet. Use a screwdriver on 3 places at the bonnet, start removing the clipping on the inlet side. Then remove the piston/diaphragm assembly.
2. Remove pipes if necessary and in that case remove the pipe o-rings from the body with a suitable device.
3. All parts are now accessible for cleaning or replacement.

### Valve reassembly

Reassemble in reverse order of disassembly paying careful attention to exploded views provided for identification and placement of parts.



*Lubricate all gaskets and o-rings with high quality silicone grease.*

1. Replace piston/diaphragm-assembly.



*Locate bleedhole in piston/diaphragm opposite to the valve inlet for the best performance.*

2. Replace the clipping on the body, with the open end towards the inlet side of the body. The legs of the clipping should point outwards from the valve and they should be evenly spaced from the stop in the groove.
3. Replace the bonnet by pressing it firmly against the piston/diaphragm. Use pliers to press the ends of the clipping together.
4. Replace pipe o-rings, then slip the clamp o-rings over the inlet pipe. Replace the valve on the pipe and move the clamp o-ring over the pipe against the valve body. Replace the clamps and torque the clamp screws according to torque chart (16 Nm  $\pm$  2Nm). The clamp o-ring is necessary to fixate the valve in place.
5. After maintenance, operate the valve a few times to be sure of proper operation.



## TROUBLESHOOTING GUIDE



Please consult other manuals if necessary (e.g. controls, fans, ...)



Disconnect all power and compressed air supply before services.

Problem	Probable cause	Remedy
<b>Fan blower and motor do not start</b>	Improper motor wire size	Rewire using the correct wire gauge as specified by national and local codes.
	Not wired correctly	Check and correct motor wiring for supply voltage. See motor manufacturer's wiring diagram. Follow wiring diagram and the National Electric Code.
	Input circuit down	Check power supply to motor circuit on all leads.
	Electrical supply circuit down	Check power supply circuit for proper voltage. Check for fuse or circuit breaker fault. Replace as necessary.
<b>Fan blower and motor start, but do not stay running</b>	Incorrect motor starter installed	Check for proper motor starter and replace if necessary.
	Access doors are open or not closed tight	Close and tighten access doors. See Filter Installation.
	Hopper discharge open	Check that dust container is installed and properly sealed.
	Damper control not adjusted properly	Check airflow in duct. Adjust damper control until proper airflow is achieved and the blower motor's amp draw is within the manufacturer's rated amps.
	Electrical circuit overload	Check that the power supply circuit has sufficient power to run all equipment.
<b>Clean-air outlet discharging dust</b>	Filters not installed correctly	See Filter Installation.
	Filter damage, dents in the end caps, gasket damage, or holes in media	Replace filters as necessary. Use only genuine Donaldson Torit replacement parts. See Filter Installation.
	Access cover(s) loose	Tighten access doors securely. See Filter Installation.
<b>Insufficient airflow</b>	Fan rotation backwards	Proper fan rotation is clockwise from the top of the collector. The fan can be viewed through the back of the motor. See Preliminary Start-Up Check.
	Access doors open or not closed tight	Check that all access doors are in place and secured. Check that the hopper discharge opening is sealed and that dust container is installed correctly.
	Filter cartridge covers not airtight	Tighten covers securely and check sealing

<b>Problem</b>	<b>Probable cause</b>	<b>Remedy</b>
<b>Insufficient airflow</b>	Fan exhaust area restricted	Check fan exhaust area for obstructions. Remove material or debris. Adjust damper flow control.
	Filters need replacement	Remove and replace using genuine Donaldson Torit replacement filters. See Filter Removal and Installation.
	Lack of compressed air	See Rating and Specification Information for compressed air supply requirements.
	Lack of compressed air	See Rating and Specification Information for compressed air supply requirements.
	Pulse cleaning not energized	Use a voltmeter to check the solenoid valves in the control panel. Check pneumatic lines for kinks or obstructions.
	Dust storage area overfilled or plugged	Clean out dust storage area. See Dust removal.
	Pulse valves leaking compressed air	Lock out all electrical power to the collector and bleed the compressed air supply. Check for debris, valve wear, pneumatic tubing fault, or diaphragm failure by removing the diaphragm cover on the pulse valves. Check for solenoid leaks or damage. If pulse valves or solenoid valves and tubing are damaged, replace.
	Solid-State timer failure	Using a voltmeter, check supply voltage to the timer board. Check and replace the fuse on the timer board if necessary. If the fuse is good and input power is present but output voltage to the solenoid is not, replace the timer board. See Solid-State Timer Installation.
<b>No display on the Delta P Controller</b>	Solid-State timer out of adjustment	See Solid-State Timer and Solid-State Timer Wiring Diagram.
	No power to the controller	Use a voltmeter to check for supply voltage.
<b>Display on Delta P Controller does not read zero when at rest</b>	Fuse blown	Check the fuse in the control panel. See wiring diagram inside the control panel. Replace if necessary.
	Out of calibration	Recalibrate as described in Delta P Maintenance Manual.
<b>Delta P Controller ON, but cleaning system does not start</b>	With collector discharging outside, differential pressure is present from indoor to outdoor	Recalibrate with the pressure tubing attached as described in the Delta P Maintenance Manual.
	Pressure tubing disconnected, ruptured, or plugged	Check tubing for kinks, breaks, contamination, or loose connections.
	Not wired to the timing board correctly	Connect the pressure switch on the timer board to Terminals 7 and 8 on TB3.
	Faulty relay	Using a multimeter, test relay for proper closure. Replace if necessary.

<b>Problem</b>	<b>Probable cause</b>	<b>Remedy</b>
<b>Pulse cleaning never stops</b>	Pressure switch not wired to the timer board correctly	Connect the pressure switch on the timer board to Terminals 7 and 8 on TB3.
	Pressure switch terminals on the timer board jumpered	Remove jumper wire on Solid-State Timer board before wiring to the Delta P Control.
	High Pressure On or Low Pressure Off setpoint not adjusted for system conditions	Adjust setpoints to current conditions.
	Pressure tubing disconnected, ruptured, plugged, or kinked	Check tubing for kinks, breaks, contamination, or loose connections.
<b>Alarm light is ON</b>	Alarm setpoint too low	Adjust to a higher value.
	Excess pressure drop	Check cleaning system and compressed air supply. Replace filters if filters do not clean down.
	Pressure tubing disconnected, ruptured, plugged, or kinked	Check tubing for kinks, breaks, contamination, or loose connections.
<b>Delta P arrow keys to not work</b>	Improper operation	Press and hold one of the three setpoint keys to use arrow keys.
	Programming keys disabled	Remove the Program Disable jumper from Terminals 3 and 4 on TB2.
<b>Cleaning light is ON, but cleaning system not functioning</b>	Improper wiring	Check wiring between the Delta P Control and the timer board, and between the timer board and solenoid valve coils.
	Defective solenoids	Check all solenoid coils for proper operation.
	Timer board not powered	Check power ON light on timer board's LED display. If not illuminated, check the supply voltage to the timer board. Check the fuse on the timer board. Replace if necessary.
	Timer board defective	If LED is illuminated, observe the output display. Install a temporary jumper across the pressure switch terminals. Output levels should flash in sequence. Check output using a multimeter set to 150-Volt AC range. Measure from SOL COM to a solenoid output. The needle will deflect when LED flashes for that output if voltage is present. If LED's do not flash, or if no voltage is present at output terminals during flash, replace the board.

## SUPPLEMENTARY INFORMATION

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### **ATEX (2014/34/EU)**

Please read this information carefully before commencing any work. Product reliability, warranty and safe operation may be compromised by not following the guidance given in these documents.

1. The dust collector should be used only when it is in a technically acceptable condition. Regular maintenance, as set out in this manual, is required to minimise technical failure. Third party supplied components (for example motors) should be maintained according to the manufacturer's instructions.
2. In order to maintain the original collector specification and to ensure the same level of safety, only genuine spare parts should be fitted.
3. You should ensure any persons carrying out work on the supplied equipment follow any relevant recognised standards/codes and are competent to do so. Areas requiring a competent person include:
  - Maintenance on any component identified as a potential ignition source.
  - Lifting and erection.
  - Electrical installation, inspection and maintenance work.
  - Pneumatic installation, inspection and maintenance work.
  - Any access to internal classified Potentially Explosive Atmospheres where the risks due to explosion and dust contact are reduced to a safe level.

During assembly/installation or dismantling of equipment, potential ignition sources may occur that were not considered in the risk assessment of the unit in operation (for example, grinding, welding sparks, etc.)

4. You should use the dust collector in full accordance with the conditions set out in the Order Acknowledgment or relevant Scope of Delivery. Failure to do so may compromise product reliability, warranty and safety.
5. Other items of equipment, not supplied under the Scope of Delivery from Donaldson Torit, should be installed, operated and maintained according to the documentation supplied with the respective equipment.
6. Before any work is carried out, ensure the equipment is adequately isolated.
7. Where necessary for safety, the dust collector is fitted with fixed guards. Removal of these guards and any subsequent work should only be carried out after adequate precaution is taken to ensure it is safe to do so. All guards should be refitted before re-energising.
8. Ensure the pneumatic system is fully isolated and depressurised before any work is carried out.
9. Access to the dirty air chamber of the equipment may create risks and hazards that under normal circumstances are not present and as such this work must be carried out by competent personnel. These risks include inhalation of dust and potential explosion hazards.
10. The equipment supplied is suitable for working within a Potentially Explosive Atmosphere (as defined by Directive 2014/34/EU) according to the categories and conditions marked on the collector serial nameplate. You should ensure the equipment supplied by others is also suitable. If no marking is given on the serial nameplate then the supplied equipment is not suitable for use in Potentially Explosive Atmospheres.
11. Care should be taken to ensure that any explosive atmosphere is not present when performing operations that increase the risk of ignition (opening of controller for adjustment or electrical repair for example). Ensure the installation is always returned to its original state.

12. If it is unavoidable to work on the equipment while an explosive atmosphere is present, care should be taken to avoid introducing ignition sources not present during the expected operation. Non-sparking tools should be used.
13. Where equipment is installed in a Potentially Explosive Atmosphere, care should be taken not to locate the collector where external ignition sources can be introduced, for example stray electric currents, lightening, electromagnetic waves, ionising radiation, ultrasonic waves.
14. Where the dust being processed can ignite due to exothermic reaction, including self ignition, the collector **MUST** be fitted with a suitable explosion protection method (venting for example). The risk of ignition can be minimised by avoiding the accumulation of dust layers with regular cleaning.
15. Every care has been taken to avoid the risk of ignition. The measures taken to avoid ignition should not be altered since this may result in unsafe operation. Particular care should be taken during maintenance and component replacement to ensure the same level of safety is maintained. When replacing fan impellers, avoid any rubbing of components (to prevent mechanical sparks).
16. This dust collector may be fitted with explosion protection in the form of a vent panel. Precautions, as set out in the Scope of Delivery, are used to minimise the risk of ignition of any dust clouds contained within the dust collector. The possibility of other ignition sources being introduced into the collector during periods where any dust cloud may be present should be minimised. Particular care should be taken to avoid introducing glowing particles via the collector inlet ducting.
17. The explosion vent panel, where fitted, has been designed to provide adequate safety from an explosion initiated from within the collector, for the given dust explosion characteristics and collector arrangement as set out in the Scope of Delivery. You should ensure that explosions are not allowed to propagate into the dust collector (using suitable isolation devices) since pressures may be generated leading to unsafe equipment rupture.
18. Where applicable, equipment connected to the dust collector (for example, a cyclone) should be protected, using suitable isolation devices, against the transfer of flame and pressure if, in the event of an explosion initiating inside the dust collector, the connected equipment is not capable of safely withstanding these effects.
19. The explosion venting device, where fitted to the dust collector, is not suitable for use with dusts that are classified as poisonous, corrosive, irritant, carcinogenic, teratogenic or multigenic unless the dust released during the explosion venting process can be contained to a safe level.
20. Where applicable, care is required when siting the dust collector to ensure that the effects (flame, pressure, noise and fire) produced during and after the explosion venting process do not put at risk personnel and nearby plant.
21. In order to ensure the required venting efficiency is maintained, the explosion vent panel, if fitted to the collector, should not be obstructed in any way.
22. Any modification carried out on the 'as supplied' equipment may reduce reliability and safety, and will nullify warranty; such actions fall outside the responsibility of the original supplier.
23. On a day to day basis there is minimal interaction between the operator and the collector, however dust containers may require regular emptying. If the dust being handled is explosive, then care should be taken to ensure that dust spillage is kept to a minimum to avoid the creation of potentially explosive atmospheres and secondary hazards. Dust containers should be securely replaced and resealed prior to collector restart. This is a good time to check the dust container for damage, which may lead to a dust leak or flame emission in the rare instance of an internal explosion.

24. Compressed air is recommended for collectors that operate using reverse jet cleaning. Alternative gases should be assessed before use to ensure that explosive atmospheres are not introduced during media cleaning.
25. It may be necessary to provide a facility to shut down the equipment in the event of an explosion (where collectors are fitted with explosion relief panels). The signal should be taken from the bursting panel detection device.
26. Care should be taken during cleaning and maintenance to avoid creating static discharges that have the potential to ignite a flammable atmosphere.
27. Earthing of the equipment is an integral safety feature. Regular checks should be made (annually) to ensure continuity.

**Safety Data Sheet**  
**KEMIRA PIX-312**

Version 1.2

Revision Date: 11/05/2022

**SECTION 1. IDENTIFICATION**

**Product name** : KEMIRA PIX-312  
**Synonyms** : Ferric Sulfate Solution

**Recommended use of the chemical and restrictions on use**

**Recommended use** : Water treatment

**Restricted Uses** : No data available

**Manufacturer or supplier's details**

**Company** : Univar Solutions Canada Ltd.  
**Address** : 64 Arrow Road  
North York, ON, M9M 2L9  
Canada

**Emergency telephone number:**

Local Emergency Contact : During Office hours Monday-Friday, 8.00 am - 4.30 pm (Pacific Standard Time) : 1-866-686-4827

**Additional Information:** : Responsible Party: Product Compliance Department  
E-mail: SDSNA@univarsolutions.com  
SDS Requests: 1-855-429-2661  
Website: www.univarsolutions.com

**SECTION 2. HAZARD IDENTIFICATION****Hazardous Classification of the substance or mixture**

Corrosive to metals : Category 1

Acute toxicity (Oral) : Category 4

Skin irritation : Category 2

Serious eye damage : Category 1

**Label elements**

Hazard pictograms :



Signal word : Danger

Hazard statements : H290 May be corrosive to metals.  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.

Precautionary statements : **Prevention:**  
P234 Keep only in original packaging.  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.

## Safety Data Sheet

### KEMIRA PIX-312

Version 1.2

Revision Date: 11/05/2022

P280 Wear protective gloves/ eye protection/ face protection.

**Response:**

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth.

P302 + P352 IF ON SKIN: Wash with plenty of water.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P390 Absorb spillage to prevent material damage.

**Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

**Other hazards**

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

**Hazardous components**

CAS-No.	Chemical name	% by Weight	Synonyms
10028-22-5	Iron (III) sulfate	30 - 60	diiron tris(sulphate)

Actual concentration or concentration range is withheld as a trade secret

### SECTION 4. FIRST-AID MEASURES

- General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.  
If on skin, rinse well with water.  
If on clothes, remove clothes.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.  
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Continue rinsing eyes during transport to hospital.  
Remove contact lenses.



**Safety Data Sheet**  
**KEMIRA PIX-312**

Version 1.2

Revision Date: 11/05/2022

If swallowed	Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist. Take victim immediately to hospital. : Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.
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**SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media	: Carbon dioxide (CO2) Foam Dry powder Water mist
Unsuitable extinguishing media	: High volume water jet
Specific hazards during fire-fighting	: Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion products	: sulfur oxides
Further information	: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for firefighters	: Wear self-contained breathing apparatus for firefighting if necessary.

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures	: Use personal protective equipment.
Environmental precautions	: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	: Neutralize with chalk, alkali solution or ammonia. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

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**SECTION 7. HANDLING AND STORAGE**

Advice on protection against fire and explosion	: Normal measures for preventive fire protection.
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## Safety Data Sheet KEMIRA PIX-312

Version 1.2

Revision Date: 11/05/2022

- Advice on safe handling : Do not breathe vapours/dust.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
To avoid spills during handling keep bottle on a metal tray.  
Dispose of rinse water in accordance with local and national regulations.  
Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Observe label precautions.  
Electrical installations / working materials must comply with the technological safety standards.
- Materials to avoid : Do not store near acids.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

CAS-No.	Components	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
10028-22-5	Iron (III) sulfate	TWA	1 mg/m <sup>3</sup> (Iron)	CA AB OEL
		TWAEV	1 mg/m <sup>3</sup> (Iron)	CA QC OEL
		TWA	1 mg/m <sup>3</sup> (Iron)	CA BC OEL
		STEL	2 mg/m <sup>3</sup> (Iron)	CA BC OEL

#### Personal protective equipment

##### Hand protection

- Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.
- Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles  
Wear face-shield and protective suit for abnormal processing problems.
- Skin and body protection : Impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Hygiene measures : When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.

**Safety Data Sheet**  
**KEMIRA PIX-312**

Version 1.2

Revision Date: 11/05/2022

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	: liquid
Colour	: red, brown
Odour	: Acidic
Odour Threshold	: No data available
pH	: < 2
Freezing Point (Melting point/freezing point)	: -40 °C (-40 °F)
Boiling Point (Boiling point/boiling range)	: 100 - 105 °C (212 - 221 °F)
Flash point	: does not flash
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Relative density	: 1.51 - 1.58Reference substance: (water = 1)
Density	: No data available
Water solubility	: No data available
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Thermal decomposition	: No data available

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No hazards to be specially mentioned.
Conditions to avoid	: Keep away from heat, flame, sparks and other ignition sources.
Incompatible materials	: Bases galvanized metals Oxidizing agents

**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity****Components:**

**Safety Data Sheet**  
**KEMIRA PIX-312**

Version 1.2

Revision Date: 11/05/2022

**10028-22-5:**

Acute oral toxicity

: LD50 (Rat, female): 500 mg/kg

Test substance: Information given is based on data obtained from similar substances.

Assessment: The component/mixture is moderately toxic after single ingestion.

**Skin corrosion/irritation****Components:****10028-22-5:**

Species: Rabbit

Result: Irritating to skin.

**Serious eye damage/eye irritation****Components:****10028-22-5:**

Species: Rabbit

Result: Risk of serious damage to eyes.

**Respiratory or skin sensitisation****Components:****10028-22-5:**

Test Type: Maximization test

Species: Guinea pig

Result: May cause sensitisation by skin contact.

**ACGIH**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**Further information****Product:**

Remarks: No data available

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Safety Data Sheet**  
**KEMIRA PIX-312**

Version 1.2

Revision Date: 11/05/2022

**Mobility in soil**

No data available

**Other adverse effects****Product:**

Additional ecological information : No data available

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

- Waste from residues : Do not dispose of waste into sewer.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.  
Dispose of in accordance with all applicable local, state and federal regulations.  
For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact Univar Solutions ChemCare: 1-800-637-7922
- Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

**SECTION 14. TRANSPORT INFORMATION****TDG (Transportation of Dangerous Goods):**

UN3264, CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., (DIIRON TRIS(SULPHATE)), (DIIRON TRIS(SULPHATE)), 8, III

**IATA (International Air Transport Association):**

UN3264, Corrosive liquid, acidic, inorganic, n.o.s., (DIIRON TRIS(SULPHATE)) , (DIIRON TRIS(SULPHATE)) , 8, III

**IMDG (International Maritime Dangerous Goods):**

UN3264, CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., (DIIRON TRIS(SULPHATE)), (DIIRON TRIS(SULPHATE)), 8, III

**SECTION 15. REGULATORY INFORMATION**

This product has been classified according to the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all of the information required by the HPR.

**NPRI Components** : 7664-93-9**The components of this product are reported in the following inventories:**

TSCA : On TSCA Inventory

## Safety Data Sheet

### KEMIRA PIX-312

Version 1.2

Revision Date: 11/05/2022

DSL	: All components of this product are on the Canadian DSL
AICS	: On the inventory, or in compliance with the inventory
NZIoC	: On the inventory, or in compliance with the inventory
ENCS	: On the inventory, or in compliance with the inventory
KECI	: On the inventory, or in compliance with the inventory
PICCS	: On the inventory, or in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory

#### SECTION 16. OTHER INFORMATION

The information accumulated is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made become available subsequently to the date hereof, we do not assume any responsibility for the results of its use. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Univar Solutions EHS Product Compliance Department (1-855-429-2661) SDSNA@univarsolutions.com.

**Revision Date** : 11/05/2022

**Material number:**  
16147565, 16160296

Key or legend to abbreviations and acronyms used in the safety data sheet			
ACGIH	American Conference of Government Industrial Hygienists	LD50	Lethal Dose 50%
AICS	Australia, Inventory of Chemical Substances	LOAEL	Lowest Observed Adverse Effect Level
DSL	Canada, Domestic Substances List	NFPA	National Fire Protection Agency
NDSL	Canada, Non-Domestic Substances List	NIOSH	National Institute for Occupational Safety & Health
CNS	Central Nervous System	NTP	National Toxicology Program
CAS	Chemical Abstract Service	NZIoC	New Zealand Inventory of Chemicals
EC50	Effective Concentration	NOAEL	No Observable Adverse Effect Level
EC50	Effective Concentration 50%	NOEC	No Observed Effect Concentration
EGEST	EOSCA Generic Exposure Scenario Tool	OSHA	Occupational Safety & Health Administration
EOSCA	European Oilfield Specialty Chemicals Association	PEL	Permissible Exposure Limit
EINECS	European Inventory of Existing Chemical Substances	PICCS	Philippines Inventory of Commercial Chemical Substances
MAK	Germany Maximum Concentration Values	PRNT	Presumed Not Toxic

**Safety Data Sheet**  
**KEMIRA PIX-312**

Version 1.2








Revision Date: 11/05/2022

GHS	Globally Harmonized System	RCRA	Resource Conservation Recovery Act
>=	Greater Than or Equal To	STEL	Short-term Exposure Limit
IC50	Inhibition Concentration 50%	SARA	Superfund Amendments and Reauthorization Act.
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value
IECSC	Inventory of Existing Chemical Substances in China	TWA	Time Weighted Average
ENCS	Japan, Inventory of Existing and New Chemical Substances	TSCA	Toxic Substance Control Act
KECI	Korea, Existing Chemical Inventory	UVCB	Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
<=	Less Than or Equal To	WHMIS	Workplace Hazardous Materials Information System
LC50			Lethal Concentration 50%

# Material Safety Data Sheet

**EMERGENCY NUMBERS:**

 (USA) CHEMTREC : 1(800) 424-9300 (24hrs)  
 (CAN) CANUTEC : 1(613) 996-6666 (24hrs)  
 (USA) Anachemia : 1(518) 297-4444  
 (CAN) Anachemia : 1(514) 489-5711

WHMIS	Protective Clothing	TDG Road/Rail
WHMIS CLASS: D-1B D-2A		TDG CLASS: 6.1 PIN: UN2291 PG: III
 	   	

## Section I. Product Identification and Uses

<b>Product name</b>	<b>PREMIXED FIRE ASSAY FLUX</b>	<b>CI#</b>	Not available.
<b>Chemical formula</b>	Not applicable.	<b>CAS#</b>	Not applicable.
<b>Synonyms</b>	FA0045, PRE	<b>Code</b>	PRE
<b>Supplier</b>	Mines Assay Supplies. P.O. Box 850 Kirkland Lake, On P2N 3K5	<b>Formula weight</b>	Not applicable.
		<b>Supersedes</b>	
<b>Material uses</b>	For laboratory use only.		

## Section II. Ingredients

Name	CAS #	%	TLV
1) LEAD OXIDE, MONO	1317-36-8	50-80	Exposure limits: ACGIH (Lead, elemental and inorganic compounds (as Pb)) TWA 0.05 mg(Pb)/m3
2) SODIUM CARBONATE	497-19-8	10-25	Not established by ACGIH
3) SODIUM BORATE	1330-43-4	5-20	Exposure limits: ACGIH TWA 2 mg/m3; STEL 6 mg/m3.
4) SILICA	7631-86-9	2-10	Exposure limits: ACGIH TWA 0.1 mg/m3 (respirable dust)

### Toxicity values of the hazardous ingredients

 LEAD OXIDE, MONO:  
 INTRAPERITONEAL (LD50): Acute: 217 mg/kg (Mouse).  
 SILICA:  
 LD50: Not available.  
 LC50: Not available.  
 SODIUM BORATE DECAHYDRATE:  
 ORAL (LD50): Acute: 2660 mg/kg (Rat). 2000 mg/kg (Mouse). 5330 mg/kg (Guinea pig).  
 SODIUM CARBONATE:  
 ORAL (LD50): Acute: 4090 mg/kg (Rat). 6600 mg/kg (Mouse).  
 DUST (LC50): Acute: 800 mg/m3 (Guinea pig) (2 hour(s)).



**Section III. Physical Data**

<b>Physical state and appearance / Odor</b>	Solid. (Pale reddish-yellow powder. Odorless.)
<b>pH (1% soln/water)</b>	Not available.
<b>Odor threshold</b>	Not available.
<b>Percent volatile</b>	0% at 21°C
<b>Freezing point</b>	Not available.
<b>Boiling point</b>	Not available.
<b>Specific gravity</b>	6.00 to 8.13 (by % comp.)
<b>Vapor density</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Water/oil dist. coeff.</b>	Not available.
<b>Evaporation rate</b>	Not applicable.
<b>Solubility</b>	Slightly soluble in cold water.

**Section IV. Fire and Explosion Data**

<b>Flash point</b>	Not available.
<b>Flammable limits</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Fire degradation products</b>	Lead and lead oxide. Oxides of carbon, sodium, and boron.
<b>Fire extinguishing procedures</b>	Use extinguishing media suitable for surrounding materials. Wear adequate personal protection to prevent contact with material or its combustion products. Self contained breathing apparatus with a full facepiece operated in a pressure demand or other positive pressure mode. Cool containing vessels with flooding quantities of water until well after fire is out.
<b>Fire and Explosion Hazards</b>	The sensitivity to static discharge is not available. The sensitivity to impact is not available. Emits toxic fumes under fire conditions.

**Section V. Toxicological Properties**

<b>Routes of entry</b>	Inhalation and ingestion. Eye contact. Skin contact. Skin absorption.
<b>Effects of Acute Exposure</b>	May be fatal by ingestion, inhalation or skin absorption. Neurotoxin. May impair the reproductive systems of both men and women. Damage may also be caused to the unborn fetus. Lead is a cumulative poison and even exposures to small amounts can raise the body's content to toxic levels. Target organs: blood, central nervous system, liver, kidneys, eyes, skin, respiratory system, gastrointestinal system, male and female reproductive system, peripheral nervous system, skeletal muscle, brain, thyroid, testis. 3000 mg/m3 (SILICA) is immediately dangerous to life or health.
<b>Eye</b>	Causes irritation.
<b>Skin</b>	Causes skin irritation. Symptoms of lead poisoning (see ingestion) may occur. Readily absorbed through skin.
<b>Inhalation</b>	Material is irritating to mucous membranes and upper respiratory tract. Local irritation of the bronchia and lungs can occur. Prolonged exposure or repeated exposure can lead to lead poisoning and death (see ingestion).
<b>Ingestion</b>	Lead salts may cause fatigue, disturbance of sleep, abdominal pain, nausea, headache, anorexia, metallic taste in mouth, muscle and joint pain, dizziness, colic, paralysis, hypertension, thirst, vomiting, constipation or diarrhea, muscle weakness, irritability, encephalopathy, parasthesia, convulsions, coma and death. Prolonged overexposure can severely damage red blood cell formation, central and peripheral nervous system, lung, liver and kidney damage with oliguria, hematuria, albuminuria, hemoglobinuria, See chronic overexposure. Estimated lethal dose is 0.5 g lead.

## Section V. Toxicological Properties

### Effects of Chronic Overexposure

Symptoms of chronic exposure are like those for ingestion. Tiredness, loss of weight, insomnia, blue line on gums, gastrointestinal disorder (constipation and colic), muscle weakness, hypertension with bradycardia, polyneuropathy, nephropathy, anemia, nephritis, encephalopathy, eye, lung, central nervous system, liver, kidney, blood, thyroid damage. Reproductive toxin, teratogen and carcinogen. Lead compounds may cause testicular damage, sterility, sperm abnormalities, menstrual disorders, adverse effects on general reproductive performance in human. Passes through the placental barrier (can cause birth defects, postnatal development injury, increased foetal lethality and delayed foetal development.). Prolonged or repeated exposure to crystalline silica may cause silicosis, a disabling pulmonary fibrosis characterized by fibrotic changes and miliary nodules in the lungs, a dry cough, shortness of breath, emphysema, decreased chest expansion, and increased susceptibility to tuberculosis. In advanced stages, loss of appetite, pleuritic pain, and total incapacity to work. Advanced silicosis may result in death due to cardiac failure or destruction of the lung tissue. IARC - Group 2A (probably carcinogenic to humans) and "sufficient evidence" of carcinogenicity by the NTP. Medical conditions which may be aggravated: Individuals with preexisting diseases of the nerve or circulatory disorders, pulmonary/respiratory system (bronchitis, emphysema, etc.) or with skin or eye problems may be more susceptible to the effects of this product. To the best of our knowledge, the chemical, physical, and toxicity of this substance has not been fully investigated.

## Section VI. First Aid Measures

<b>Eye contact</b>	Immediately flush eyes with copious quantities of water for at least 15 minutes holding lids apart to ensure flushing of the entire surface. Seek immediate medical attention.
<b>Skin contact</b>	Immediately flush skin with plenty of water and soap for at least 15 minutes while removing contaminated clothing and shoes. Do not breathe dust. If irritation occurs or persists seek medical attention. Discard or contaminate clothing before reusing.
<b>Inhalation</b>	Remove patient to fresh air. Administer approved oxygen supply if breathing is difficult. Administer artificial respiration or CPR if breathing has ceased. Get immediate medical attention.
<b>Ingestion</b>	If conscious, wash out mouth with water. Induce vomiting of conscious victim immediately by giving two glasses of water and pressing finger down throat, while keeping victim's head below hips to prevent aspiration of liquid into lungs. Seek immediate medical attention. Never give anything by mouth to an unconscious or convulsing person.

## Section VII. Reactivity Data

<b>Stability</b>	Stable. Conditions to avoid: High temperatures, sparks, open flames and all other sources of ignition, contamination.
<b>Hazardous decomp. products</b>	Not available.
<b>Incompatibility</b>	May react violently with acids, chlorinated rubber, halogens, dichloromethylsilane, hydrogen trisulfide, linseed oil, metal acetylides, non metals (boron, silicon, etc.), metals (aluminum, zinc, sodium, titanium, zirconium, etc.), seleninyl chloride, carbides, oxidizing agents, glycerol, silver oxide, peroxyformic acid, hydrogen peroxide, ethylene, sulfides, lithium carbide, aluminum carbide, fluoroelastomers, reducing agents, combustible materials, perchloric acid, sulfur trioxide, ammonium nitrate, metallic salts (especially lithium compounds), hydrogen fluoride, hydrofluoric acid.
<b>Reaction Products</b>	Not available. Hazardous polymerization will not occur.

## Section VIII. Preventive Measures

PREMIXED FIRE ASSAY FLUX

page 4/4

**Protective Clothing in case of spill and leak** Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Wear disposable coveralls and discard them after use.

**Spill and leak** Evacuate the area. Sweep up and place in container for disposal. Avoid raising dust. Do not breathe dust. Ventilate area and wash spill site after material pick up is complete. DO NOT empty into drains. DO NOT touch spilled material.

**Waste disposal** According to all applicable regulations. This material and its container must be disposed of in a safe way. May be harmful to aquatic life. Can be dangerous if allowed to enter drinking water intakes. Do not contaminate domestic or irrigation water supplies, lakes, streams, ponds, or rivers.

**Storage and Handling** Store in a cool place away from heated areas, sparks, and flame. Store in a well ventilated area. Store away from incompatible materials. Do not add any other material to the container. Do not wash down the drain. Do not breathe dust. Keep container tightly closed and dry. Manipulate under an adequate fume hood. Avoid raising dust. Empty containers may contain a hazardous residue. Handle and open container with care. Minimize dust generation and exposure - use dust mask or appropriate protection. Take off immediately all contaminated clothing. This product must be manipulated by qualified personnel. Do not get in eyes, on skin, or on clothing. Wash well after use. In accordance with good storage and handling practices. Do not allow smoking and food consumption while handling. Wash thoroughly after handling. Wear clean work-clothing daily. After handling, always wash hands thoroughly with soap and water. In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible.).

## Section IX. Protective Measures

**Protective clothing** Face shield or splash goggles. Impervious rubber or plastic gloves, apron, coveralls, and/or other resistant protective clothing. Wear disposable coveralls and discard them after use. Sufficient to protect skin. Wear appropriate MSHA/NIOSH approved chemical cartridge respirator. If more than TLV, do not breathe vapor. Wear self-contained breathing apparatus. Do not wear contact lenses. Make eye bath and emergency shower available. Ensure that eyewash station and safety shower is proximal to the work-station location.

**Engineering controls** Use in a chemical fume hood to keep airborne levels below recommended exposure limits. Do not use in unventilated spaces.

## Section X. Other Information

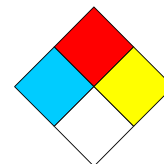
**Special Precautions or comments** Harmful solid! Carcinogen! Teratogen! Embryotoxic and/or foetotoxic! Reproductive toxin! Irritant! Possible risks of irreversible effects. Danger of cumulative effects. Do not breathe dust. Avoid all contact with the product. Avoid prolonged or repeated exposure. Use in a chemical fume hood. Handle and open container with care. Container should be opened only by a technically qualified person. Danger of serious damage to health by prolonged exposure to lead dust; May affect blood, kidney, liver, heart, nervous, digestive and reproductive systems.

RTECS NO: OG1750000 (Lead monoxide).

RTECS NO: ED4588000 (Sodium borate).

RTECS NO: VZ4050000 (Sodium carbonate).

RTECS NO: VV7330000 (Silica).



NFPA

Prepared by MSDS Department/Département de F.S..

Validated 02-Mar-2012



While the company believes the data set forth herein are accurate as of the date hereof, the company makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data are offered solely for your consideration, investigation and verification.

## 1. Identification

<b>Product identifier</b>	<b>Glass Wool Filtering Fiber</b>
<b>Other means of identification</b>	
<b>SDS number</b>	00190
<b>Part Number</b>	501-081, 763-265
<b>CAS number</b>	65997-17-3
<b>Recommended use</b>	Use in accordance with supplier's recommendations.
<b>Recommended restrictions</b>	For industrial or professional use only.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Company Name</b>	LECO Instruments
<b>Address</b>	2205 Dunwin Drive Mississauga, Ontario L5L 1X1 Canada
<b>Telephone</b>	905-564-6577
<b>Fax</b>	905-564-6582
<b>Website</b>	canada@leco.com
<b>Emergency phone number</b>	Chemtrec Int'l: 703-527-3887

## 2. Hazard identification

<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.
<b>Environmental hazards</b>	Not classified.

### Label elements

<b>Hazard symbol</b>	None.
<b>Signal word</b>	None.
<b>Hazard statement</b>	The substance does not meet the criteria for classification.
<b>Precautionary statement</b>	
<b>Prevention</b>	Observe good industrial hygiene practices.
<b>Response</b>	IF exposed or concerned: Get medical advice/attention.
<b>Storage</b>	Store away from incompatible materials.
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.
<b>Supplemental information</b>	None.
<b>Other hazards</b>	None known.

## 3. Composition/information on ingredients

### Substances

Chemical name	Common name and synonyms	CAS number	%
Glass, oxide, chemicals		65997-17-3	95 - 100

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

## 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Wash off with soap and water.
<b>Eye contact</b>	Do not rub eyes. Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.
<b>Most important symptoms/effects, acute and delayed</b>	Dusts may irritate the respiratory tract, skin and eyes.

**Indication of immediate medical attention and special treatment needed** Treat symptomatically.

## 5. Fire-fighting measures

**Suitable extinguishing media** Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>). Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical** During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire fighting equipment/instructions** Move containers from fire area if you can do so without risk.

**Specific methods** Use standard firefighting procedures and consider the hazards of other involved materials.

**General fire hazards** No unusual fire or explosion hazards noted.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures** Wear appropriate protective equipment and clothing during clean-up. For personal protection, see section 8 of the SDS. Keep unnecessary personnel away. Ensure adequate ventilation. Avoid inhalation of dust from the spilled material.

**Methods and materials for containment and cleaning up** Avoid the generation of dusts during clean-up. Collect dust using a vacuum cleaner equipped with HEPA filter.

**Environmental precautions** Avoid release to the environment.

## 7. Handling and storage

**Precautions for safe handling** Minimize dust generation and accumulation. Provide appropriate exhaust ventilation at places where dust is formed. Avoid prolonged exposure. Practice good housekeeping.

**Conditions for safe storage, including any incompatibilities** Store away from incompatible materials (see Section 10 of the SDS). Store in tightly closed original container in a dry, cool and well-ventilated place.

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

Material	Type	Value	Form
Glass, oxide, chemicals (CAS 65997-17-3)	TWA	0.2 fibers/cm <sup>3</sup>	Fiber.
		5 mg/m <sup>3</sup>	Total particulate.
		5 mg/m <sup>3</sup>	Fiber, total

#### Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Material	Type	Value	Form
Glass, oxide, chemicals (CAS 65997-17-3)	TWA	0.2 fibers/cm <sup>3</sup>	Fiber.
		5 mg/m <sup>3</sup>	Inhalable fibers.

#### Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

Material	Type	Value	Form
Glass, oxide, chemicals (CAS 65997-17-3)	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.

#### Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

Material	Type	Value	Form
Glass, oxide, chemicals (CAS 65997-17-3)	TWA	0.5 fibers/ml	Respirable fibers.
		5 mg/m <sup>3</sup>	Inhalable fraction.

Material	Type	Value	Form
Glass, oxide, chemicals (CAS 65997-17-3)	TWA	1 fibers/cm <sup>3</sup> n	Fiber.
		10 mg/m <sup>3</sup>	Total dust.

<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Appropriate engineering controls</b>	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. If engineering measures are not sufficient to maintain concentrations of dust particulates below the Occupational Exposure Limit (OEL), suitable respiratory protection must be worn.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin protection</b>	
<b>Hand protection</b>	Wear appropriate chemical resistant gloves.
<b>Other</b>	Wear suitable protective clothing.
<b>Respiratory protection</b>	Dust mask.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

### Appearance

<b>Physical state</b>	Solid.
<b>Form</b>	glass wool fiber
<b>Color</b>	White.

**Odor** Odorless.

**Odor threshold** Not available.

**pH** Not available.

**Melting point/freezing point** Not available.

**Initial boiling point and boiling range** Not available.

**Flash point** Not available.

**Evaporation rate** Not available.

**Flammability (solid, gas)** Not available.

### Upper/lower flammability or explosive limits

**Explosive limit - lower (%)** Not available.

**Explosive limit - upper (%)** Not available.

**Vapor pressure** Not available.

**Vapor density** Not available.

**Relative density** Not available.

### Solubility(ies)

**Solubility (water)** Insoluble

**Partition coefficient (n-octanol/water)** Not available.

**Auto-ignition temperature** Not available.

**Decomposition temperature** Not available.

**Viscosity** Not available.

### Other information

**Softening point** 1220 °F (660 °C)

## 10. Stability and reactivity

**Reactivity** The product is stable and non-reactive under normal conditions of use, storage and transport.

<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Contact with incompatible materials.
<b>Incompatible materials</b>	Hydrogen fluoride. Strong oxidizing agents.
<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Dust may irritate respiratory system. Prolonged inhalation may be harmful.
<b>Skin contact</b>	Dust or powder may irritate the skin.
<b>Eye contact</b>	Dust may irritate the eyes.
<b>Ingestion</b>	Expected to be a low ingestion hazard.

**Symptoms related to the physical, chemical and toxicological characteristics** Dusts may irritate the respiratory tract, skin and eyes.

### Information on toxicological effects

<b>Acute toxicity</b>	Due to partial or complete lack of data the classification is not possible.
<b>Skin corrosion/irritation</b>	Prolonged skin contact may cause temporary irritation.
<b>Serious eye damage/eye irritation</b>	Direct contact with eyes may cause temporary irritation.

### Respiratory or skin sensitization

#### Canada - Alberta OELs: Irritant

Glass, oxide, chemicals (CAS 65997-17-3) Irritant

**Respiratory sensitization** Not available.

**Skin sensitization** Not available.

**Germ cell mutagenicity** Not available.

### Carcinogenicity

#### ACGIH Carcinogens

Glass, oxide, chemicals (CAS 65997-17-3) A2 Suspected human carcinogen.

#### Canada - Alberta OELs: Carcinogen category

Glass, oxide, chemicals (CAS 65997-17-3) Suspected human carcinogen.

#### Canada - Manitoba OELs: carcinogenicity

Glass, oxide, chemicals (CAS 65997-17-3) Suspected human carcinogen.

#### US. National Toxicology Program (NTP) Report on Carcinogens

Glass, oxide, chemicals (CAS 65997-17-3) Reasonably Anticipated to be a Human Carcinogen.

**Reproductive toxicity** Not available.

**Specific target organ toxicity - single exposure** Not classified.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not available.

## 12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Persistence and degradability** No data is available on the degradability of this substance.

**Bioaccumulative potential** No data available.

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Disposal instructions** Dispose in accordance with all applicable regulations.

<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Not available.
<b>Contaminated packaging</b>	Not applicable.

## 14. Transport information

### TDG

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## 15. Regulatory information

**Canadian regulations** This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

### Controlled Drugs and Substances Act

Not regulated.

### Export Control List (CEPA 1999, Schedule 3)

Not listed.

### Greenhouse Gases

Not listed.

### Precursor Control Regulations

Not regulated.

### International regulations

#### Stockholm Convention

Not applicable.

#### Rotterdam Convention

Not applicable.

#### Kyoto protocol

Not applicable.

#### Montreal Protocol

Not applicable.

#### Basel Convention

Glass, oxide, chemicals (CAS 65997-17-3)

### International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).



## 16. Other information

**Issue date** 11-14-2017

**Revision date** 12-12-2022

**Version #** 02

### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Supplier cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

## SAFETY DATA SHEET

Creation Date 24-August-2009

Revision Date 24-December-2021

Revision Number 7

### 1. Identification

<b>Product Name</b>	<b>Hydrochloric Acid</b>
<b>Cat No. :</b>	<b>A144-212; A144-212LC; A144-500; A144-500LB; A144-500LC; A144-612GAL; A144C-212; A144C-212EA; A144P-19; A144P-20; A144S-212; A144S-212EA; A144S-500; A144SI-212</b>
<b>Synonyms</b>	Muriatic acid
<b>Recommended Use</b>	Laboratory chemicals.
<b>Uses advised against</b>	Food, drug, pesticide or biocidal product use.

#### Details of the supplier of the safety data sheet

##### Company

**Importer/Distributor**  
Fisher Scientific  
112 Colonnade Road,  
Ottawa, ON K2E 7L6,  
Canada  
Tel: 1-800-234-7437

Fisher Scientific UK  
Bishop Meadow Rd, Loughborough,  
Leicestershire, LE11 5RG  
Great Britain  
Tel: 01509 231166

**Emergency Telephone Number** CHEMTREC®, Inside the USA: 800-424-9300  
CHEMTREC®, Outside the USA: 001-703-527-3887

### 2. Hazard(s) identification

#### Classification

**WHMIS 2015 Classification** Classified as hazardous under the Hazardous Products Regulations (SOR/2015-17)

<b>Corrosive to metals</b>	Category 1
<b>Skin Corrosion/Irritation</b>	Category 1 B
<b>Serious Eye Damage/Eye Irritation</b>	Category 1
<b>Specific target organ toxicity (single exposure)</b>	Category 3
Target Organs - Respiratory system.	

#### Label Elements

**Signal Word**  
Danger

**Hazard Statements**  
May be corrosive to metals  
Causes severe skin burns and eye damage

May cause respiratory irritation



### Precautionary Statements

#### Prevention

Keep only in original container  
 Do not breathe dust/fumes/gas/mist/vapours/spray  
 Wash face, hands and any exposed skin thoroughly after handling  
 Use only outdoors or in a well-ventilated area  
 Wear protective gloves/protective clothing/eye protection/face protection

#### Response

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting  
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Immediately call a POISON CENTER/doctor  
 Wash contaminated clothing before reuse  
 Absorb spillage to prevent material damage

#### Storage

Store locked up  
 Store in a well-ventilated place. Keep container tightly closed  
 Store in corrosive resistant polypropylene container with a resistant inliner  
 Store in a dry place

#### Disposal

Dispose of contents/container to an approved waste disposal plant

## 3. Composition/Information on Ingredients

Component	CAS-No	Weight %
Water	7732-18-5	62-65
Hydrochloric acid	7647-01-0	35-38

## 4. First-aid measures

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Immediate medical attention is required.
<b>Inhalation</b>	Remove to fresh air. If breathing is difficult, give oxygen. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Immediate medical attention is required.
<b>Ingestion</b>	Do NOT induce vomiting. Call a physician or poison control center immediately.
<b>Most important symptoms/effects</b>	Causes burns by all exposure routes. Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated: Ingestion causes severe swelling, severe damage to the delicate tissue

**Notes to Physician** and danger of perforation  
Treat symptomatically

## 5. Fire-fighting measures

**Suitable Extinguishing Media** Substance is nonflammable; use agent most appropriate to extinguish surrounding fire.

**Unsuitable Extinguishing Media** No information available

**Flash Point** No information available  
**Method -** No information available

**Autoignition Temperature** No information available

**Explosion Limits**

**Upper** No data available

**Lower** No data available

**Sensitivity to Mechanical Impact** No information available

**Sensitivity to Static Discharge** No information available

**Specific Hazards Arising from the Chemical**

Corrosive material. Causes burns by all exposure routes. Thermal decomposition can lead to release of irritating gases and vapors.

**Hazardous Combustion Products**

Hydrogen chloride gas.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**NFPA**

**Health**  
3

**Flammability**  
0

**Instability**  
0

**Physical hazards**  
N/A

## 6. Accidental release measures

**Personal Precautions** Use personal protective equipment as required. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Do not get in eyes, on skin, or on clothing.

**Environmental Precautions** Should not be released into the environment. See Section 12 for additional Ecological Information.

**Methods for Containment and Clean Up** Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

## 7. Handling and storage

**Handling** Wear personal protective equipment/face protection. Do not breathe mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not ingest. If swallowed then seek immediate medical assistance.

**Storage.** Keep containers tightly closed in a dry, cool and well-ventilated place. Corrosives area. Incompatible Materials. Metals. Strong oxidizing agents. Bases. sodium hypochlorite. Amines. Fluorine. Cyanides. Alkaline.

## 8. Exposure controls / personal protection

**Exposure Guidelines**

Component	Alberta	British Columbia	Ontario TWAEV	Quebec	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hydrochloric acid	Ceiling: 2 ppm Ceiling: 3 mg/m <sup>3</sup>	Ceiling: 2 ppm	CEV: 2 ppm	Ceiling: 2 ppm	Ceiling: 2 ppm	Ceiling: 5 ppm Ceiling: 7 mg/m <sup>3</sup>	IDLH: 50 ppm Ceiling: 5 ppm

						(Vacated) Ceiling: 5 ppm (Vacated) Ceiling: 7 mg/m <sup>3</sup>	Ceiling: 7 mg/m <sup>3</sup>
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**Legend**

ACGIH - American Conference of Governmental Industrial Hygienists

OSHA - Occupational Safety and Health Administration

NIOSH IDLH: NIOSH - National Institute for Occupational Safety and Health

**Engineering Measures**

Ensure that eyewash stations and safety showers are close to the workstation location.

Wherever possible, engineering control measures such as the isolation or enclosure of the process, the introduction of process or equipment changes to minimise release or contact, and the use of properly designed ventilation systems, should be adopted to control hazardous materials at source

**Personal protective equipment****Eye Protection**

Goggles

**Hand Protection**

Wear appropriate protective gloves and clothing to prevent skin exposure.

Glove material	Breakthrough time	Glove thickness	Glove comments
Butyl rubber	> 480 minutes	0.5 mm	As tested under EN374-3
Nitrile rubber	> 480 minutes	0.35 mm	Determination of Resistance to
Neoprene gloves	> 480 minutes	0.5 mm	Permeation by Chemicals

Inspect gloves before use. observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. (Refer to manufacturer/supplier for information) gloves are suitable for the task: Chemical compatability, Dexterity, Operational conditions, User susceptibility, e.g. sensitisation effects, also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. gloves with care avoiding skin contamination.

**Respiratory Protection**

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

To protect the wearer, respiratory protective equipment must be the correct fit and be used and maintained properly

**Recommended Filter type:** Particulates filter conforming to EN 143 or Acid gases filter: Type E, Yellow.

When RPE is used a face piece Fit Test should be conducted

**Environmental exposure controls**

No information available.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash hands before breaks and after work.

## 9. Physical and chemical properties

<b>Physical State</b>	Liquid
<b>Appearance</b>	Colorless
<b>Odor</b>	pungent
<b>Odor Threshold</b>	No information available
<b>pH</b>	< 1
<b>Melting Point/Range</b>	-35 °C / -31 °F
<b>Boiling Point/Range</b>	57 °C / 135 °F @ 760 mmHg
<b>Flash Point</b>	No information available
<b>Evaporation Rate</b>	No information available

Flammability (solid,gas)	Not applicable
Flammability or explosive limits	
Upper	No data available
Lower	No data available
Vapor Pressure	125 mbar @ 20 °C
Vapor Density	1.27
Specific Gravity	1.18
Solubility	Soluble in water
Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	No information available
Decomposition Temperature	No information available
Viscosity	1.8 mPa.s @ 15°C
Molecular Formula	HCl
Molecular Weight	36.46

## 10. Stability and reactivity

Reactive Hazard	None known, based on information available
Stability	Stable under normal conditions.
Conditions to Avoid	Incompatible products. Excess heat.
Incompatible Materials	Metals, Strong oxidizing agents, Bases, sodium hypochlorite, Amines, Fluorine, Cyanides, Alkaline
Hazardous Decomposition Products	Hydrogen chloride gas
Hazardous Polymerization	Hazardous polymerization does not occur.
Hazardous Reactions	Contact with metals may evolve flammable hydrogen gas.

## 11. Toxicological information

### Acute Toxicity

#### Product Information

**Oral LD50** Based on ATE data, the classification criteria are not met. ATE > 2000 mg/kg.

**Dermal LD50** Based on ATE data, the classification criteria are not met. ATE > 2000 mg/kg.

**Vapor LC50** Based on ATE data, the classification criteria are not met. ATE > 20 mg/l.

#### Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Water	-	-	-
Hydrochloric acid	238 - 277 mg/kg ( Rat )	> 5010 mg/kg ( Rabbit )	1.68 mg/L ( Rat ) 1 h

**Toxicologically Synergistic Products** No information available

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Irritation** Causes burns by all exposure routes

**Sensitization** No information available

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
Water	7732-18-5	Not listed	Not listed	Not listed	Not listed	Not listed
Hydrochloric acid	7647-01-0	Not listed	Not listed	Not listed	Not listed	Not listed

IARC (International Agency for Research on Cancer)

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2A - Probably Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

<b>Mutagenic Effects</b>	No information available
<b>Reproductive Effects</b>	No information available.
<b>Developmental Effects</b>	No information available.
<b>Teratogenicity</b>	No information available.
<b>STOT - single exposure</b>	Respiratory system
<b>STOT - repeated exposure</b>	None known
<b>Aspiration hazard</b>	No information available
<b>Symptoms / effects, both acute and delayed</b>	Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated: Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation
<b>Endocrine Disruptor Information</b>	No information available
<b>Other Adverse Effects</b>	The toxicological properties have not been fully investigated.

## 12. Ecological information

### Ecotoxicity

Do not empty into drains. Large amounts will affect pH and harm aquatic organisms.

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Hydrochloric acid	-	282 mg/L LC50 96 h Gambusia affinis mg/L LC50 48 h Leuciscus idus	-	56mg/L EC50 72h Daphnia

**Persistence and Degradability** Persistence is unlikely based on information available.

**Bioaccumulation/ Accumulation** No information available.

**Mobility** Will likely be mobile in the environment due to its water solubility.

## 13. Disposal considerations

**Waste Disposal Methods** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

## 14. Transport information

### DOT

UN-No UN1789  
 Proper Shipping Name HYDROCHLORIC ACID  
 Hazard Class 8  
 Packing Group II

### TDG

UN-No UN1789  
 Proper Shipping Name HYDROCHLORIC ACID  
 Hazard Class 8  
 Packing Group II

### IATA

UN-No UN1789  
 Proper Shipping Name Hydrochloric acid  
 Hazard Class 8  
 Packing Group II

### IMDG/IMO

<b>UN-No</b>	UN1789
<b>Proper Shipping Name</b>	Hydrochloric acid
<b>Hazard Class</b>	8
<b>Packing Group</b>	II

## 15. Regulatory information

### International Inventories

Component	CAS-No	DSL	NDSL	TSCA	TSCA Inventory notification - Active-Inactive	EINECS	ELINCS	NLP
Water	7732-18-5	X	-	X	ACTIVE	231-791-2	-	-
Hydrochloric acid	7647-01-0	X	-	X	ACTIVE	231-595-7	-	-

Component	CAS-No	IECSC	KECL	ENCS	ISHL	TCSI	AICS	NZIoC	PICCS
Water	7732-18-5	X	KE-35400	X	-	X	X	X	X
Hydrochloric acid	7647-01-0	X	KE-20189	X	X	X	X	X	X

#### Legend:

X - Listed '-' - Not Listed

**KECL** - NIER number or KE number (<http://ncis.nier.go.kr/en/main.do>)

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**IECSC** - Chinese Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**ENCS** - Japanese Existing and New Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

### Canada

SDS in compliance with provisions of information as set out in Canadian Standard - Part 4, Schedule 1 and 2 of the Hazardous Products Regulations (HPR) and meets the requirements of the HPR (Paragraph 13(1)(a) of the Hazardous Products Act (HPA)).

Component	Canada - National Pollutant Release Inventory (NPRI)	Canadian Environmental Protection Agency (CEPA) - List of Toxic Substances	Canada's Chemicals Management Plan (CEPA)
Hydrochloric acid	Part 1, Group A Substance		

### Other International Regulations

#### Authorisation/Restrictions according to EU REACH

Component	REACH (1907/2006) - Annex XIV - Substances Subject to Authorization	REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances	REACH Regulation (EC 1907/2006) article 59 - Candidate List of Substances of Very High Concern (SVHC)
Hydrochloric acid	-	Use restricted. See item 75. (see link for restriction details)	-

<https://echa.europa.eu/substances-restricted-under-reach>

#### Safety, health and environmental regulations/legislation specific for the substance or mixture

Component	CAS-No	OECD HPV	Persistent Organic Pollutant	Ozone Depletion Potential	Restriction of Hazardous Substances (RoHS)
Water	7732-18-5	Listed	Not applicable	Not applicable	Not applicable
Hydrochloric acid	7647-01-0	Listed	Not applicable	Not applicable	Not applicable

Component	CAS-No	Seveso III Directive (2012/18/EC) -	Seveso III Directive (2012/18/EC) -	Rotterdam Convention (PIC)	Basel Convention (Hazardous Waste)



		Qualifying Quantities for Major Accident Notification	Qualifying Quantities for Safety Report Requirements		
Water	7732-18-5	Not applicable	Not applicable	Not applicable	Not applicable
Hydrochloric acid	7647-01-0	25 tonne	250 tonne	Not applicable	Annex I - Y34

## 16. Other information

**Prepared By** Regulatory Affairs  
Thermo Fisher Scientific  
Email: EMSDS.RA@thermofisher.com

**Creation Date** 24-August-2009  
**Revision Date** 24-December-2021  
**Print Date** 24-December-2021  
**Revision Summary** SDS sections updated. 2. 3. 11.

### Disclaimer

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**End of SDS**



# Safety Data Sheet

According to Hazardous Products Regulation (SOR/2015-17)

Revision date: 28.03.2020

Version: 6.4

Print date: 28.03.2020

## SECTION 1: Identification

### Product identifier

Trade name/designation:	Hypophosphorous acid 50%
Product No.:	47702
Synonymes:	none/none
CAS No.:	6303-21-5
Other means of identification:	

### Relevant identified uses of the substance or mixture and uses advised against

Recommended Use:	For Further Manufacturing Use Only
Uses advised against:	Not for Human or Animal Drug Use

### Details of the supplier of the safety data sheet

#### Supplier

##### **VWR International**

Street	2360 Argentia Road
Postal code/City	Mississauga, Ontario
	Canada L5N 5Z7
Telephone	+1-800-932-5000 toll-free within US/Canada
Telefax:	+1-610-728-2103





### Emergency phone number

Telephone +1-613-996-6666 (Canutec, 24 hrs/day, 7 days/week, Canada)

### Preparation Information

VWR International - Product Information Compliance

E-mail sds@vwr.com

## SECTION 2: Hazard identification

### 2.1 Classification of the substance or mixture

#### Classification according to Hazardous Products Regulation (SOR/2015-17)

Hazard classes and hazard categories	Hazard statements
Skin corrosion, category 1B	H314
Serious eye damage, category 1	H318

### 2.2 Label elements

#### Labelling in accordance with (SOR/2015-17)

#### Hazard pictograms



Signal word: Danger

Hazard statements	
H314	Causes severe skin burns and eye damage.

Precautionary Statements	
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308+P310	IF exposed or concerned: Immediately call a POISON CENTER/doctor.

#### Hazards not otherwise classified (HNOC)

none/none





## SECTION 3: Composition / information on ingredients

### 3.1 Substances

not applicable

### 3.2 Mixtures

Hazardous ingredients GHS Classification in accordance with (SOR/2015-17)

Substance name	Concentration	Identifier	Hazard classes and hazard categories
Phosphinic acid (Hypophosphorous acid)	45 - 55%	CAS No.: 6303-21-5	Skin Corr. 1B - H314

## SECTION 4: First aid measures

### 4.1 General information

If exposed: Immediately call a POISON CENTER/doctor. If unconscious place in recovery position and seek medical advice. Never give anything by mouth to an unconscious person or a person with cramps. Change contaminated, saturated clothing. Do not leave affected person unattended.

#### In case of inhalation

Immediately call a POISON CENTER/doctor. Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

#### In case of skin contact

After contact with skin, wash immediately with plenty of water and soap. Remove contaminated, saturated clothing immediately. Immediate medical treatment required because corrosive injuries that are not treated are hard to cure.

#### After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Protect uninjured eye. Remove contact lenses, if present and easy to do. Continue rinsing.

#### In case of ingestion

Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. Rinse mouth thoroughly with water. Give nothing to eat or drink.

### 4.2 Most important symptoms/effects, acute and delayed

no data available

### 4.3 Indication of any immediate medical attention and special treatment needed

no data available

### 4.4 Self-protection of the first aider

First aider: Pay attention to self-protection!

### 4.5 Information to physician

no data available

## SECTION 5: Fire fighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

The product itself does not burn.





Co-ordinate fire-fighting measures to the fire surroundings.

**Extinguishing media which must not be used for safety reasons**

no restriction

## 5.2 Specific hazards arising from the chemical

In case of fire may be liberated:

Pyrolysis products, toxic

## 5.3 Advice for firefighters

DO NOT fight fire when fire reaches explosives.

Protective equipment and precautions for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

### Additional information

Do not allow run-off from fire-fighting to enter drains or water courses.

Do not inhale explosion and combustion gases.

Use water spray/stream to protect personnel and to cool endangered containers.

In case of fire: Evacuate area.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

In case of major fire and large quantities: Remove persons to safety.

### 6.2 Environmental precautions

Discharge into the environment must be avoided.

### 6.3 Methods and material for containment and cleaning up

Spilled product must never be returned to the original container for recycling. Collect in closed and suitable containers for disposal.

### 6.4 Additional information

Clear spills immediately.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

All work processes must always be designed so that the following is as low as possible:

Inhalation

skin contact

Eye contact

Use extractor hood (laboratory).

If handled uncovered, arrangements with local exhaust ventilation have to be used.

If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means.

### 7.2 Conditions for safe storage, including any incompatibilities

Recommended storage temperature: no data available

Keep container tightly closed and in a well-ventilated place. Keep/Store only in original container.

### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.





## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Does not contain substances above concentration limits fixing an occupational exposure limit.

### 8.2 Engineering controls

#### **Appropriate engineering controls**

Technical measures and the application of suitable work processes have priority over personal protection equipment. If handled uncovered, arrangements with local exhaust ventilation have to be used.

#### **Personal protection equipment (PPE)**

Wear suitable protective clothing. When handling with chemical substances, protective clothing must be worn.

#### *Eye/face protection*

Eye glasses with side protection

#### *Skin protection*

Wear suitable gloves. When handling with chemical substances, protective gloves must be worn. In the case of wanting to use the gloves again, clean them before taking off and air them well. Check leak tightness/impermeability prior to use.

#### By short-term hand contact

Suitable material:	Butyl caoutchouc (butyl rubber)
Thickness of the glove material:	0,30 mm
Breakthrough time (maximum wearing time):	> 480 min

#### By long-term hand contact

Suitable material:	NBR (Nitrile rubber)
Thickness of the glove material:	0,38 mm
Breakthrough time (maximum wearing time):	> 480 min

#### *Respiratory protection*

Respiratory protection necessary at: aerosol or mist formation If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.

#### *Additional information*

Wash hands before breaks and after work. Avoid contact with eyes and skin. When using do not eat, drink or smoke. Provide eye shower and label its location conspicuously.

#### *Environmental exposure controls*

no data available





## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

(a) Appearance	
Physical state:	liquid
Color:	colorless
(b) Odour:	pungent
(c) Odour threshold:	no data available

#### Safety relevant basic data

(d) pH:	no data available
(e) Melting point/freezing point:	no data available
(f) Initial boiling point and boiling range:	no data available
(g) Flash point:	no data available
(h) Evaporation rate:	no data available
(i) Flammability (solid, gas):	not applicable
(j) Flammability or explosive limits	
Lower explosion limit:	no data available
Upper explosion limit:	no data available
(k) Vapour pressure:	no data available
(l) Vapour density:	no data available
(m) Relative density:	no data available
(n) Solubility(ies)	
Water solubility (g/L):	no data available
Soluble (g/L) in Ethanol:	no data available
(o) Partition coefficient: n-octanol/water:	no data available
(p) Auto-ignition temperature:	no data available
(q) Decomposition temperature:	no data available
(r) Viscosity	
Kinematic viscosity:	no data available
Dynamic viscosity:	no data available
(s) Explosive properties:	not applicable
(t) Oxidising properties:	not applicable

### 9.2 Other information

Bulk density:	no data available
Refraction index:	no data available
Dissociation constant:	no data available
Surface tension:	no data available
Henry's Law Constant:	no data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

no data available





## 10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

## 10.3 Possibility of hazardous reactions

no data available

## 10.4 Conditions to avoid

no data available

## 10.5 Incompatible materials

no data available

## 10.6 Hazardous decomposition products

no data available

## 10.7 Additional information

no data available

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute effects

*Acute oral toxicity:*

no data available

*Acute dermal toxicity:*

no data available

*Acute inhalation toxicity:*

no data available

#### Irritant and corrosive effects

*Primary irritation to the skin:*

Causes severe skin burns and eye damage.

*Irritation to eyes:*

Causes serious eye damage.

*Irritation to respiratory tract:*

not applicable

#### Respiratory or skin sensitization

In case of skin contact: not sensitising

In case of inhalation: not sensitising

#### STOT-single exposure

not applicable

#### STOT-repeated exposure

not applicable







**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

**Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen.

no data available	ACGIH	IARC	NTP	OSHA

**Germ cell mutagenicity**

No indications of human germ cell mutagenicity exist.

**Reproductive toxicity**

No indications of human reproductive toxicity exist.

**Aspiration hazard**

not applicable

**Other adverse effects**

no data available

**Additional information**

no data available

**SECTION 12: Ecological information**

**12.1 Ecotoxicity**

**Fish toxicity:**

no data available

**Daphnia toxicity:**

no data available

**Algae toxicity:**

no data available

**Bacteria toxicity:**

no data available

**12.2 Persistence and degradability**

no data available

**12.3 Bioaccumulative potential**

Partition coefficient: n-octanol/water: no data available

**12.4 Mobility in soil:**

no data available

**12.5 Results of PBT/vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.





## 12.6 Other adverse effects

no data available

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Appropriate disposal / Product

Dispose according to legislation. Consult the appropriate local waste disposal expert about waste disposal.

Waste code product: no data available

#### Appropriate disposal / Package

Dispose according to legislation. Handle contaminated packages in the same way as the substance itself.

#### Additional information

no data available

## SECTION 14: Transport information

### Land transport (TDG)

UN-No.:	3264
Proper Shipping Name:	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (PHOSPHINIC ACID)
Class(es):	8
Packing group:	II
Environmental hazards:	No
Marine pollutant:	No
Special precautions for user:	

### Sea transport (IMDG)

UN-No.:	3264
Proper Shipping Name:	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (PHOSPHINIC ACID)
Class(es):	8
Classification code:	
Hazard label(s):	8
Packing group:	II
Environmental hazards:	No
Marine pollutant:	No
Special precautions for user:	
Segregation group:	1
EmS-No.	F-A S-B
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	not relevant

### Air transport (ICAO-TI / IATA-DGR)

UN-No.:	3264
Proper Shipping Name:	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (PHOSPHINIC ACID)





Class(es):	8
Classification code:	
Hazard label(s):	8
Packing group:	II
Special precautions for user:	

## SECTION 15: Regulatory information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

Domestic Substance List:

## SECTION 16: Other information

### Abbreviations and acronyms

ACGIH - American Conference of Governmental Industrial Hygienists  
DOT - Department of Transportation  
IARC - International Agency for Research on Cancer  
IATA-DGR - International Air Transport Association-Dangerous Goods Regulations  
ICAO-TI - International Civil Aviation Organization-Technical Instructions  
IMDG - International Maritime Code for Dangerous Goods  
LTV - Long Term Value  
NIOSH - National Institute for Occupational Safety and Health  
NTP - National Toxicology Program  
OSHA - Occupational Safety & Health Administration  
PBT - Persistent, Bioaccumulative and Toxic  
PEL - Permissible Exposure Limit  
STV - Short Term Value  
SVHC - Substances of Very High Concern  
TDG - Transport of Dangerous Goods  
TLV - Threshold Limit Value  
vPvB - very Persistent, very Bioaccumulative

### Additional information

Indication of changes:                      general update

*The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guidance. The information in this document is based on the present state knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. VWR International and his Affiliates shall not be held liable for any damage resulting from handling.*



**1. Identification**

<b>Product identifier</b>	<b>Iron Chip Accelerator</b>
<b>Other means of identification</b>	
<b>SDS number</b>	00170
<b>Part Number</b>	501-077, 502-231, 763-467
<b>CAS number</b>	7439-89-6
<b>Recommended use</b>	Use in accordance with supplier's recommendations.
<b>Recommended restrictions</b>	None known.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Supplier</b>	
<b>Company name</b>	LECO Corporation
<b>Address</b>	3000 Lakeview Avenue St. Joseph, MI 49085 United States
<b>Telephone</b>	269-983-5531
<b>Website</b>	www.leco.com
<b>E-mail</b>	info@leco.com
<b>Emergency phone number</b>	Chemtrec: 800-424-9300 Chemtrec Int'l: 703-527-3887

**2. Hazard(s) identification**

<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.
<b>Environmental hazards</b>	Not classified.
<b>OSHA defined hazards</b>	Not classified.
<b>Label elements</b>	
<b>Hazard symbol</b>	None.
<b>Signal word</b>	None.
<b>Hazard statement</b>	The substance does not meet the criteria for classification.
<b>Precautionary statement</b>	
<b>Prevention</b>	Observe good industrial hygiene practices.
<b>Response</b>	Take off contaminated clothing and wash it before reuse.
<b>Storage</b>	Store away from incompatible materials.
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.
<b>Supplemental information</b>	None.

**3. Composition/information on ingredients****Substances**

<b>Chemical name</b>	<b>Common name and synonyms</b>	<b>CAS number</b>	<b>%</b>
Iron		7439-89-6	100

**4. First-aid measures**

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.

<b>Most important symptoms/effects, acute and delayed</b>	Direct contact with eyes may cause temporary irritation.
<b>Indication of immediate medical attention and special treatment needed</b>	Treat symptomatically.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	Use water spray to cool unopened containers.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	Sweep up or vacuum up spillage and collect in suitable container for disposal. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Avoid release to the environment.

## 7. Handling and storage

<b>Precautions for safe handling</b>	Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

<b>Occupational exposure limits</b>	This substance has no PEL, TLV, or other recommended exposure limit.
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Appropriate engineering controls</b>	Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin protection</b>	
<b>Hand protection</b>	Wear appropriate chemical resistant gloves.
<b>Other</b>	Wear suitable protective clothing.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

<b>Appearance</b>	
<b>Physical state</b>	Solid.
<b>Form</b>	Solid.
<b>Color</b>	Not available.
<b>Odor</b>	Not available.

<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	7.87 g/cm <sup>3</sup>
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	0.02 mg/l
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Bulk density</b>	> 2 - < 3 g/cm <sup>3</sup>
<b>Explosive properties</b>	Not explosive.
<b>Oxidizing properties</b>	Not oxidizing.

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Contact with incompatible materials.
<b>Incompatible materials</b>	Strong acids.
<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	No adverse effects due to inhalation are expected.
<b>Skin contact</b>	No adverse effects due to skin contact are expected.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Ingestion</b>	Expected to be a low ingestion hazard.

<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Direct contact with eyes may cause temporary irritation.
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### Information on toxicological effects

<b>Acute toxicity</b>	Not known.
<b>Skin corrosion/irritation</b>	Prolonged skin contact may cause temporary irritation.
<b>Serious eye damage/eye irritation</b>	Direct contact with eyes may cause temporary irritation.
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization</b>	Not a respiratory sensitizer.
<b>Skin sensitization</b>	This product is not expected to cause skin sensitization.

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** Not classifiable as to carcinogenicity to humans.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Not listed.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not listed.

**US. National Toxicology Program (NTP) Report on Carcinogens**

Not listed.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure** Not classified.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not an aspiration hazard.

## 12. Ecological information

### Ecotoxicity

Product	Species	Test Results
Iron (CAS 7439-89-6)		
<b>Aquatic</b>		
<i>Acute</i>		
Fish	LC50 Channel catfish ( <i>Ictalurus punctatus</i> )	> 500 mg/l, 96 hours

**Persistence and degradability** No data is available on the degradability of this substance.

**Bioaccumulative potential** No data available.

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Disposal instructions** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

### DOT

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## 15. Regulatory information

**US federal regulations** This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### Toxic Substances Control Act (TSCA)

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

### SARA 304 Emergency release notification

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)****SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** No**SARA 313 (TRI reporting)**

Not regulated.

**Other federal regulations****Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.**Food and Drug Administration (FDA)** Total food additive  
Direct food additive  
GRAS food additive**US state regulations****US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

Iron (CAS 7439-89-6)

**California Proposition 65**California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information, including date of preparation or last revision**

<b>Issue date</b>	05-27-2014
<b>Revision date</b>	05-19-2023
<b>Version #</b>	05



## Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Supplier cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use.

## SAFETY DATA SHEET

Creation Date 22-Jun-2010

Revision Date 30-Jan-2023

Revision Number 4

### 1. Identification

**Product Name** Lead(II) acetate trihydrate  
**Cat No. :** A11746  
**CAS No** 6080-56-4  
**Synonyms** Acetic acid, lead salt trihydrate  
**Recommended Use** Laboratory chemicals.  
**Uses advised against** Food, drug, pesticide or biocidal product use.

#### Details of the supplier of the safety data sheet

##### Company

Alfa Aesar  
Thermo Fisher Scientific Chemicals, Inc.  
30 Bond Street  
Ward Hill, MA 01835-8099  
Tel: 800-343-0660  
Fax: 800-322-4757  
**Email:** tech@alfa.com  
www.alfa.com

##### **Emergency Telephone Number**

During normal business hours (Monday-Friday, 8am-7pm EST), call (800) 343-0660.  
After normal business hours, call Carechem 24 at (866) 928-0789.

### 2. Hazard(s) identification

#### **Classification**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious Eye Damage/Eye Irritation	Category 1
Carcinogenicity	Category 1B
Reproductive Toxicity	Category 1A
Specific target organ toxicity - (repeated exposure)	Category 2
Target Organs - Kidney, Liver, Blood.	

#### Label Elements

##### **Signal Word**

Danger

**Hazard Statements**

Causes serious eye damage  
 May cause cancer  
 May damage the unborn child. Suspected of damaging fertility  
 May cause damage to organs through prolonged or repeated exposure

**Precautionary Statements****Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 Do not breathe dust/fume/gas/mist/vapors/spray

**Response**

IF exposed or concerned: Get medical attention/advice

**Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Immediately call a POISON CENTER or doctor/physician

**Storage**

Store locked up

**Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Very toxic to aquatic life with long lasting effects  
 WARNING. Cancer - <https://www.p65warnings.ca.gov/>.

### 3. Composition/Information on Ingredients

Component	CAS No	Weight %
Lead (II) acetate, trihydrate	6080-56-4	>95
Lead acetate	301-04-2	-

### 4. First-aid measures

<b>General Advice</b>	Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Immediate medical attention is required.
<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Immediate medical attention is required.
<b>Ingestion</b>	Do NOT induce vomiting. Call a physician or poison control center immediately.

<b>Most important symptoms and effects</b>	None reasonably foreseeable. Causes severe eye damage.
<b>Notes to Physician</b>	Treat symptomatically

## 5. Fire-fighting measures

<b>Suitable Extinguishing Media</b>	Substance is nonflammable; use agent most appropriate to extinguish surrounding fire.
<b>Unsuitable Extinguishing Media</b>	No information available
<b>Flash Point</b>	No information available
<b>Method -</b>	No information available
<b>Autoignition Temperature</b>	No information available
<b>Explosion Limits</b>	
<b>Upper</b>	No data available
<b>Lower</b>	No data available
<b>Sensitivity to Mechanical Impact</b>	No information available
<b>Sensitivity to Static Discharge</b>	No information available

### Specific Hazards Arising from the Chemical

Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes. Do not allow run-off from fire-fighting to enter drains or water courses.

### Hazardous Combustion Products

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). lead oxides.

### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Thermal decomposition can lead to release of irritating gases and vapors.

### NFPA

<b>Health</b> 2	<b>Flammability</b> 1	<b>Instability</b> 1	<b>Physical hazards</b> N/A
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## 6. Accidental release measures

<b>Personal Precautions</b>	Use personal protective equipment as required. Ensure adequate ventilation. Avoid dust formation. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas.
<b>Environmental Precautions</b>	Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained. Should not be released into the environment.

**Methods for Containment and Clean Up** Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

## 7. Handling and storage

<b>Handling</b>	Wear personal protective equipment/face protection. Avoid dust formation. Do not get in eyes, on skin, or on clothing. Use only under a chemical fume hood. Do not breathe (dust, vapor, mist, gas). Do not ingest. If swallowed then seek immediate medical assistance.
<b>Storage.</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Store under an inert atmosphere. Incompatible Materials. Strong oxidizing agents. Strong acids. Strong bases.

## 8. Exposure controls / personal protection

### Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH	Mexico OEL (TWA)
Lead (II) acetate, trihydrate			IDLH: 100 mg/m <sup>3</sup> TWA: 0.050 mg/m <sup>3</sup>	
Lead acetate			IDLH: 100 mg/m <sup>3</sup> TWA: 0.050 mg/m <sup>3</sup>	

Legend

NIOSH: NIOSH - National Institute for Occupational Safety and Health

**Engineering Measures** Use only under a chemical fume hood. Ensure that eyewash stations and safety showers are close to the workstation location.

**Personal Protective Equipment**

**Eye/face Protection** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin and body protection** Wear appropriate protective gloves and clothing to prevent skin exposure.

**Respiratory Protection** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

**Recommended Filter type:** Particulates filter conforming to EN 143.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

<b>Physical State</b>	Solid
<b>Appearance</b>	White
<b>Odor</b>	vinegar-like
<b>Odor Threshold</b>	No information available
<b>pH</b>	5.5-6.5 5% aq.solution
<b>Melting Point/Range</b>	75 °C / 167 °F
<b>Boiling Point/Range</b>	No information available
<b>Flash Point</b>	No information available
<b>Evaporation Rate</b>	Not applicable
<b>Flammability (solid,gas)</b>	No information available
<b>Flammability or explosive limits</b>	
<b>Upper</b>	No data available
<b>Lower</b>	No data available
<b>Vapor Pressure</b>	No information available
<b>Vapor Density</b>	Not applicable
<b>Specific Gravity</b>	No information available
<b>Solubility</b>	Soluble in water
<b>Partition coefficient; n-octanol/water</b>	No data available
<b>Autoignition Temperature</b>	No information available
<b>Decomposition Temperature</b>	> 100°C
<b>Viscosity</b>	Not applicable
<b>Molecular Formula</b>	C4 H6 O4 Pb . 3 H2 O
<b>Molecular Weight</b>	379.33

## 10. Stability and reactivity

**Reactive Hazard** None known, based on information available

<b>Stability</b>	Stable under normal conditions. Sensitive to air.
<b>Conditions to Avoid</b>	Avoid dust formation. Incompatible products. Excess heat. Exposure to air.
<b>Incompatible Materials</b>	Strong oxidizing agents, Strong acids, Strong bases
<b>Hazardous Decomposition Products</b>	Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> ), lead oxides
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
<b>Hazardous Reactions</b>	None under normal processing.

## 11. Toxicological information

### Acute Toxicity

#### Product Information

##### Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Lead (II) acetate, trihydrate	LD50 = 4665 mg/kg ( Rat )	Not listed	Not listed

**Toxicologically Synergistic Products** No information available

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Irritation** No information available

**Sensitization** No information available

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS No	IARC	NTP	ACGIH	OSHA	Mexico
Lead (II) acetate, trihydrate	6080-56-4	Not listed	Reasonably Anticipated	Not listed	X	Not listed
Lead acetate	301-04-2	Not listed	Reasonably Anticipated	Not listed	X	Not listed

*NTP: (National Toxicity Program)*

*NTP: (National Toxicity Program)*

*Known - Known Carcinogen*

*Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen*

**Mutagenic Effects** No information available

**Reproductive Effects** Possible risk of impaired fertility.

**Developmental Effects** May cause harm to the unborn child.

**Teratogenicity** May cause harm to the unborn child.

**STOT - single exposure** None known

**STOT - repeated exposure** Kidney Liver Blood

**Aspiration hazard** No information available

**Symptoms / effects, both acute and delayed** No information available

**Endocrine Disruptor Information** No information available

**Other Adverse Effects** The toxicological properties have not been fully investigated.

## 12. Ecological information

**Ecotoxicity**

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. The product contains following substances which are hazardous for the environment. May cause long-term adverse effects in the environment. Do not allow material to contaminate ground water system.

**Persistence and Degradability** May persist based on information available.

**Bioaccumulation/ Accumulation** No information available.

**Mobility** Will likely be mobile in the environment due to its water solubility.

### 13. Disposal considerations

**Waste Disposal Methods** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

Component	RCRA - U Series Wastes	RCRA - P Series Wastes
Lead acetate - 301-04-2	U144	-

### 14. Transport information

**DOT**

**UN-No** UN1616  
**Proper Shipping Name** LEAD ACETATE  
**Hazard Class** 6.1  
**Packing Group** III

**TDG**

**UN-No** UN1616  
**Proper Shipping Name** LEAD ACETATE  
**Hazard Class** 6.1  
**Packing Group** III

**IATA**

**UN-No** UN1616  
**Proper Shipping Name** LEAD ACETATE  
**Hazard Class** 6.1  
**Packing Group** III

**IMDG/IMO**

**UN-No** UN1616  
**Proper Shipping Name** LEAD ACETATE  
**Hazard Class** 6.1  
**Packing Group** III

### 15. Regulatory information

**United States of America Inventory**

Component	CAS No	TSCA	TSCA Inventory notification - Active-Inactive	TSCA - EPA Regulatory Flags
Lead (II) acetate, trihydrate	6080-56-4	-	-	-
Lead acetate	301-04-2	X	ACTIVE	-

**Legend:**

TSCA US EPA (TSCA) - Toxic Substances Control Act, (40 CFR Part 710)

X - Listed

- - Not Listed

**TSCA - Per 40 CFR 751, Regulation of Certain Chemical Substances & Mixtures, Under TSCA Section 6(h) (PBT)** Not applicable

**TSCA 12(b) - Notices of Export** Not applicable

**International Inventories**

Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Philippines (PICCS), Japan (ENCS), Japan (ISHL), Australia (AICS), China (IECSC), Korea (KECL).

Component	CAS No	DSL	NDSL	EINECS	PICCS	ENCS	ISHL	AICS	IECSC	KECL
Lead (II) acetate, trihydrate	6080-56-4	-	-	-	X	X		X	X	-
Lead acetate	301-04-2	X	-	206-104-4	X	X	X	X	X	KE-21888

KECL - NIER number or KE number (<http://ncis.nier.go.kr/en/main.do>)

**U.S. Federal Regulations****SARA 313**

Component	CAS No	Weight %	SARA 313 - Threshold Values %
Lead (II) acetate, trihydrate	6080-56-4	>95	1.0
Lead acetate	301-04-2	-	1.0

**SARA 311/312 Hazard Categories** See section 2 for more information

**CWA (Clean Water Act)**

Component	CWA - Hazardous Substances	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants
Lead (II) acetate, trihydrate	-	-	X	-
Lead acetate	X	-	X	-

**Clean Air Act**

Component	HAPS Data	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Lead (II) acetate, trihydrate	X		-
Lead acetate	X		-

**OSHA - Occupational Safety and Health Administration** Not applicable

**CERCLA**

Component	Hazardous Substances RQs	CERCLA EHS RQs
Lead acetate	10 lb	-

**California Proposition 65** This product contains the following Proposition 65 chemicals.

Component	CAS No	California Prop. 65	Prop 65 NSRL	Category
Lead (II) acetate, trihydrate	6080-56-4	Carcinogen	-	Carcinogen
Lead acetate	301-04-2	Carcinogen	23 µg/day	Carcinogen

**U.S. State Right-to-Know Regulations**

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Lead (II) acetate, trihydrate	-	X	X	X	-
Lead acetate	X	X	X	X	-

**U.S. Department of Transportation**

Reportable Quantity (RQ): Y  
 DOT Marine Pollutant N  
 DOT Severe Marine Pollutant N

**U.S. Department of Homeland** This product does not contain any DHS chemicals.



**Security****Other International Regulations****Mexico - Grade** No information available**Authorisation/Restrictions according to EU REACH**

Component	CAS No	REACH (1907/2006) - Annex XIV - Substances Subject to Authorization	REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances	REACH Regulation (EC 1907/2006) article 59 - Candidate List of Substances of Very High Concern (SVHC)
Lead (II) acetate, trihydrate	6080-56-4	-	Use restricted. See item 30. (see <a href="http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32006R1907:EN:NOT">http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32006R1907:EN:NOT</a> for restriction details)	SVHC candidate list - Toxic for reproduction (Article 57 c)
Lead acetate	301-04-2	-	Use restricted. See item 72. (see link for restriction details) Use restricted. See item 30. (see link for restriction details) Use restricted. See item 75. (see link for restriction details) Use restricted. See item 63. (see link for restriction details)	SVHC candidate list - Toxic for reproduction (Article 57 c)

After the sunset date the use of this substance requires either an authorization or can only be used for exempted uses, e.g. use in scientific research and development which includes routine analytics or use as intermediate.

<https://echa.europa.eu/authorisation-list>  
<https://echa.europa.eu/substances-restricted-under-reach>  
<https://echa.europa.eu/candidate-list-table>

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

Component	CAS No	OECD HPV	Persistent Organic Pollutant	Ozone Depletion Potential	Restriction of Hazardous Substances (RoHS)
Lead (II) acetate, trihydrate	6080-56-4	Not applicable	Not applicable	Not applicable	Not applicable
Lead acetate	301-04-2	Not applicable	Not applicable	Not applicable	Not applicable

Component	CAS No	Seveso III Directive (2012/18/EC) - Qualifying Quantities for Major Accident Notification	Seveso III Directive (2012/18/EC) - Qualifying Quantities for Safety Report Requirements	Rotterdam Convention (PIC)	Basel Convention (Hazardous Waste)
Lead (II) acetate, trihydrate	6080-56-4	Not applicable	Not applicable	Not applicable	Annex I - Y31
Lead acetate	301-04-2	Not applicable	Not applicable	Not applicable	Annex I - Y31

**16. Other information****Prepared By**Health, Safety and Environmental Department  
Email: tech@alfa.com

www.alfa.com

**Creation Date** 22-Jun-2010  
**Revision Date** 30-Jan-2023  
**Print Date** 30-Jan-2023  
**Revision Summary** SDS authoring systems update, replaces ChemGes SDS No. 6080-56-4.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of SDS**

## 1. Identification

<b>Product identifier</b>	<b>LECOCEL and LECOCEL III Accelerator</b>	
<b>Other means of identification</b>		
<b>SDS number</b>	01950	
<b>Part Number</b>	502-857, 502-858, 502-859, 502-860, 502-861, 502-862, 763-026, 763-027, 763-028-500, 763-263, 763-266, 763-307-500	
<b>Recommended use</b>	Use in accordance with supplier's recommendations. Laboratory Reagent.	
<b>Recommended restrictions</b>	None known.	
<b>Manufacturer/Importer/Supplier/Distributor information</b>		
<b>Company Name</b>	LECO Instruments	
<b>Address</b>	2205 Dunwin Drive Mississauga, Ontario L5L 1X1 Canada	
<b>Telephone</b>	905-564-6577	
<b>Fax</b>	905-564-6582	
<b>Website</b>	canada@leco.com	
<b>Emergency phone number</b>	Chemtrec Int'l: 703-527-3887	

## 2. Hazard identification

<b>Physical hazards</b>	Not classified.	
<b>Health hazards</b>	Serious eye damage/eye irritation	Category 2B
<b>Environmental hazards</b>	Not classified.	
<b>Label elements</b>		
<b>Hazard symbol</b>	None.	
<b>Signal word</b>	Warning	
<b>Hazard statement</b>	Causes eye irritation.	
<b>Precautionary statement</b>		
<b>Prevention</b>	Wash thoroughly after handling.	
<b>Response</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.	
<b>Storage</b>	Store away from incompatible materials.	
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.	
<b>Supplemental information</b>	None.	
<b>Other hazards</b>	May form combustible dust concentrations in air.	

## 3. Composition/information on ingredients

### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Tungsten		7440-33-7	> 98

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

## 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Do not rub eyes. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Get medical attention if symptoms occur. Rinse mouth.

**Most important symptoms/effects, acute and delayed**

Nausea. Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Dusts may irritate the respiratory tract, skin and eyes. Coughing.

**Indication of immediate medical attention and special treatment needed**

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

**General information**

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

**5. Fire-fighting measures****Suitable extinguishing media**

Foam. Dry sand. Dry chemicals. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media**

Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical**

During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire fighting equipment/instructions**

In case of fire and/or explosion do not breathe fumes.

**Specific methods**

Use standard firefighting procedures and consider the hazards of other involved materials.

**General fire hazards**

May form combustible dust concentrations in air.

**6. Accidental release measures****Personal precautions, protective equipment and emergency procedures**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Avoid inhalation of dust. Avoid contact with eyes, skin, and clothing.

**Methods and materials for containment and cleaning up**

Avoid the generation of dusts during clean-up.

Large Spills: Collect dust using a vacuum cleaner equipped with HEPA filter. Sweep up or vacuum up spillage and collect in suitable container for disposal.

**Environmental precautions**

Avoid release to the environment.

**7. Handling and storage****Precautions for safe handling**

Minimize dust generation and accumulation. Provide appropriate exhaust ventilation at places where dust is formed. Avoid contact with eyes. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities**

Store away from incompatible materials (see Section 10 of the SDS). Store in tightly closed original container in a dry, cool and well-ventilated place.

**8. Exposure controls/personal protection****Occupational exposure limits****US. ACGIH Threshold Limit Values**

Material	Type	Value	
LECOCEL and LECOCEL III Accelerator	STEL	10 mg/m <sup>3</sup>	
	TWA	5 mg/m <sup>3</sup>	
Components	Type	Value	Form
Tungsten (CAS 7440-33-7)	TWA	3 mg/m <sup>3</sup>	Respirable fraction.

**Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)**

Material	Type	Value
LECOCEL and LECOCEL III Accelerator	STEL	10 mg/m <sup>3</sup>
	TWA	5 mg/m <sup>3</sup>
Components	Type	Value
Tungsten (CAS 7440-33-7)	STEL	10 mg/m <sup>3</sup>
	TWA	5 mg/m <sup>3</sup>

**Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)**

Material	Type	Value
LECOCEL and LECOCEL III Accelerator	STEL	10 mg/m <sup>3</sup>
	TWA	5 mg/m <sup>3</sup>
Components	Type	Value
Tungsten (CAS 7440-33-7)	STEL	10 mg/m <sup>3</sup>
	TWA	5 mg/m <sup>3</sup>

**Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)**

Material	Type	Value	Form
LECOCEL and LECOCEL III Accelerator	STEL	10 mg/m <sup>3</sup>	
	TWA	5 mg/m <sup>3</sup>	
Components	Type	Value	Form
Tungsten (CAS 7440-33-7)	TWA	3 mg/m <sup>3</sup>	Respirable fraction.

**Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)**

Material	Type	Value	Form
LECOCEL and LECOCEL III Accelerator	STEL	10 mg/m <sup>3</sup>	
	TWA	5 mg/m <sup>3</sup>	
Components	Type	Value	Form
Tungsten (CAS 7440-33-7)	TWA	3 mg/m <sup>3</sup>	Respirable fraction.

**Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)**

Material	Type	Value
LECOCEL and LECOCEL III Accelerator	STEL	10 mg/m <sup>3</sup>
	TWA	5 mg/m <sup>3</sup>
Components	Type	Value
Tungsten (CAS 7440-33-7)	STEL	10 mg/m <sup>3</sup>
	TWA	5 mg/m <sup>3</sup>

**Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21)**

Components	Type	Value
Tungsten (CAS 7440-33-7)	15 minute	10 mg/m <sup>3</sup>
	8 hour	5 mg/m <sup>3</sup>

<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Appropriate engineering controls</b>	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin protection</b>	
<b>Hand protection</b>	Wear appropriate chemical resistant gloves.
<b>Other</b>	Wear appropriate chemical resistant clothing.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

### Appearance

Physical state	Solid.
Form	Powder.
Color	Grey.
Odor	Odorless.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	6134 - 6193.4 °F (3390 - 3423 °C)
Initial boiling point and boiling range	10031 - 10292 °F (5555 - 5700 °C)
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Insoluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	590 °F (310 °C)
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	19.25 - 19.35 g/cm <sup>3</sup> estimated

## 10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Fluorine. Chlorine. Acids. Bases.
Hazardous decomposition products	No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

Inhalation	Dust may irritate respiratory system. Prolonged inhalation may be harmful.
Skin contact	Causes skin irritation.
Eye contact	Causes eye irritation.
Ingestion	However, ingestion is not likely to be a primary route of occupational exposure.
Symptoms related to the physical, chemical and toxicological characteristics	Nausea. Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Dusts may irritate the respiratory tract, skin and eyes. Coughing.

### Information on toxicological effects

Acute toxicity	Not known.
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation	Causes eye irritation.

## Respiratory or skin sensitization

### Canada - Alberta OELs: Irritant

Tungsten (CAS 7440-33-7)

Irritant

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** Not available.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure** Not classified.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not an aspiration hazard.

**Chronic effects** Prolonged inhalation may be harmful.

## 12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Persistence and degradability** No data is available on the degradability of any ingredients in the mixture.

**Bioaccumulative potential** No data available.

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Disposal instructions** Not available.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

**Contaminated packaging** Not available.

## 14. Transport information

### TDG

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## 15. Regulatory information

**Canadian regulations** This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

### Controlled Drugs and Substances Act

Not regulated.

### Export Control List (CEPA 1999, Schedule 3)

Not listed.

### Greenhouse Gases

Not listed.

### Precursor Control Regulations

Not regulated.

### International regulations

#### Stockholm Convention

Not applicable.

**Rotterdam Convention**

Not applicable.

**Kyoto protocol**

Not applicable.

**Montreal Protocol**

Not applicable.

**Basel Convention**

Not applicable.

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information**

**Issue date** 08-27-2018

**Revision date** 05-13-2022

**Version #** 02

**List of abbreviations** AICIS: Australian Inventory of Industrial Chemicals.

**Disclaimer** The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Supplier cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use.



**1. Identification**

<b>Product identifier</b>	<b>LECOSORB</b>
<b>Other means of identification</b>	
<b>SDS number</b>	01410
<b>Part Number</b>	502-174-HAZ, 502-176-HAZ
<b>Recommended use</b>	Laboratory Reagent. Use in accordance with supplier's recommendations.
<b>Recommended restrictions</b>	For industrial or professional use only.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Supplier</b>	
<b>Company name</b>	LECO Corporation
<b>Address</b>	3000 Lakeview Avenue St. Joseph, MI 49085 United States
<b>Telephone</b>	269-983-5531
<b>Website</b>	www.leco.com
<b>E-mail</b>	info@leco.com
<b>Emergency phone number</b>	Chemtrec: 800-424-9300 Chemtrec Int'l: 703-527-3887

**2. Hazard(s) identification**

<b>Physical hazards</b>	Corrosive to metals	Category 1
<b>Health hazards</b>	Acute toxicity, oral	Category 4
	Acute toxicity, inhalation	Category 4
	Skin corrosion/irritation	Category 1
	Serious eye damage/eye irritation	Category 1
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
<b>Environmental hazards</b>	Hazardous to the aquatic environment, acute hazard	Category 3
<b>OSHA defined hazards</b>	Not classified.	
<b>Label elements</b>		



<b>Signal word</b>	Danger
<b>Hazard statement</b>	May be corrosive to metals. Harmful if swallowed. Causes severe skin burns and eye damage. Causes serious eye damage. Harmful if inhaled. May cause respiratory irritation. Harmful to aquatic life.
<b>Precautionary statement</b>	
<b>Prevention</b>	Keep only in original container. Do not breathe dust. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.
<b>Response</b>	Rinse mouth. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Absorb spillage to prevent material damage.

<b>Storage</b>	Store in a dry place. Store in a well-ventilated place. Keep container tightly closed. Store in a closed container. Store locked up. Store in corrosive resistant container with a resistant inner liner.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.
<b>Supplemental information</b>	7.5% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 7.5, 7.5% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

### 3. Composition/information on ingredients

#### Mixtures

Chemical name	Common name and synonyms	CAS number	%
SODIUM HYDROXIDE		1310-73-2	90 - 95
Vermiculite		1318-00-9	5 - 10

### 4. First-aid measures

<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.
<b>Skin contact</b>	Immediately flush skin with plenty of water. Take off immediately all contaminated clothing. Call a physician or poison control center immediately. Wash contaminated clothing before reuse.
<b>Eye contact</b>	Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.
<b>Ingestion</b>	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
<b>Most important symptoms/effects, acute and delayed</b>	Direct contact with eyes may cause temporary irritation. Dusts may irritate the respiratory tract, skin and eyes.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Foam. Dry chemicals. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.

### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe dust. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. For personal protection, see section 8 of the SDS. Avoid contact with eyes, skin, and clothing. Avoid dust formation.
<b>Methods and materials for containment and cleaning up</b>	Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Collect dust using a vacuum cleaner equipped with HEPA filter. Sweep up or vacuum up spillage and collect in suitable container for disposal. Clean surface thoroughly to remove residual contamination.
<b>Environmental precautions</b>	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid release to the environment.

## 7. Handling and storage

### Precautions for safe handling

Minimize dust generation and accumulation. Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Avoid breathing dust. Avoid prolonged exposure. When using, do not eat, drink or smoke. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

Store in corrosive resistant container with a resistant inner liner. Store in tightly closed container. Keep only in the original container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

#### US. OSHA Table Z-1 Permissible Exposure Limits (PEL) for Air Contaminants (29 CFR 1910.1000)

Material	Type	Value
LECOSORB	PEL	2 mg/m <sup>3</sup>

Components	Type	Value
SODIUM HYDROXIDE (CAS 1310-73-2)	PEL	2 mg/m <sup>3</sup>

#### US. ACGIH Threshold Limit Values (TLV)

Material	Type	Value
LECOSORB	Ceiling	2 mg/m <sup>3</sup>

Components	Type	Value
SODIUM HYDROXIDE (CAS 1310-73-2)	Ceiling	2 mg/m <sup>3</sup>

#### NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended

Components	Type	Value
SODIUM HYDROXIDE (CAS 1310-73-2)	IDLH	10 mg/m <sup>3</sup>

#### US. NIOSH: Pocket Guide to Chemical Hazards Recommended Exposure Limits (REL)

Material	Type	Value
LECOSORB	Ceiling	2 mg/m <sup>3</sup>

Components	Type	Value
SODIUM HYDROXIDE (CAS 1310-73-2)	Ceiling	2 mg/m <sup>3</sup>

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. If engineering measures are not sufficient to maintain concentrations of dust/particulates below the Occupational Exposure Limit (OEL), suitable respiratory protection must be worn. Eye wash facilities and emergency shower must be available when handling this product.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

#### Skin protection

**Hand protection** Wear appropriate chemical resistant gloves.

**Other** Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

**Respiratory protection** Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Dust & vapor respirator.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

### General hygiene considerations

Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

### Appearance

Physical state	Solid.
Form	Granules.
Color	Tan. Light brown.
Odor	Odorless.
Odor threshold	Not available.
pH	14
Melting point/freezing point	604.4 °F (318 °C)
Initial boiling point and boiling range	2530.4 °F (1388 °C) estimated
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.

### Upper/lower flammability or explosive limits

Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.

Vapor pressure Not available.

Vapor density Not available.

Relative density 2.13

### Solubility(ies)

Solubility (water) soluble

Partition coefficient (n-octanol/water) Not available.

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity Not available.

### Other information

Bulk density 1.1

## 10. Stability and reactivity

**Reactivity** Reacts violently with strong acids. This product may react with oxidizing agents. May be corrosive to metals.

**Chemical stability** Material is stable under normal conditions.

**Possibility of hazardous reactions** Not available.

**Conditions to avoid** Contact with incompatible materials. Do not mix with other chemicals. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Exposure to moisture.

**Incompatible materials** Strong acids. Strong oxidizing agents. Oxidizing agents. Metals. Organic halogen compounds. Amphoteric metals such as aluminum, zinc, tin, lead.

**Hazardous decomposition products** Sodium oxides.

## 11. Toxicological information

### Information on likely routes of exposure

**Inhalation** Harmful if inhaled.

**Skin contact** Causes severe skin burns.

**Eye contact** Causes serious eye damage.

**Ingestion** Causes digestive tract burns. Harmful if swallowed.

**Symptoms related to the physical, chemical and toxicological characteristics** Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Dusts may irritate the respiratory tract, skin and eyes.

### Information on toxicological effects

**Acute toxicity** Harmful if inhaled. Harmful if swallowed.

Components	Species	Test Results
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SODIUM HYDROXIDE (CAS 1310-73-2)

**Acute**

**Dermal**

LD50	Rabbit	1350 mg/kg
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**Oral**

LD50	Rat	140 - 340 mg/kg
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**Skin corrosion/irritation** Causes severe skin burns and eye damage.

**Serious eye damage/eye irritation** Causes serious eye damage.

**Respiratory or skin sensitization**

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity**

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Not listed.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not listed.

**US. National Toxicology Program (NTP) Report on Carcinogens**

Not listed.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure** May cause respiratory irritation.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not an aspiration hazard.

## 12. Ecological information

**Ecotoxicity** Harmful to aquatic life.

Product	Species	Test Results
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LECOSORB

**Aquatic**

Crustacea	EC50	Daphnia	37.3946 mg/l, 48 hours
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Fish	LC50	Fish	135.1351 mg/l, 96 hours
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Components	Species	Test Results
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SODIUM HYDROXIDE (CAS 1310-73-2)

**Aquatic**

*Acute*

Crustacea	EC50	Water flea (Ceriodaphnia dubia)	34.59 - 47.13 mg/l, 48 hours
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Fish	LC50	Western mosquitofish (Gambusia affinis)	125 mg/l, 96 hours
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**Persistence and degradability** No data is available on the degradability of any ingredients in the mixture.

**Bioaccumulative potential** No data available.

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Disposal instructions** Dispose in accordance with all applicable regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** D002: Waste Corrosive material [pH ≤2 or =>12.5, or corrosive to steel]  
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

### DOT

**UN number** UN1823  
**UN proper shipping name** Sodium hydroxide, solid, mixture (SODIUM HYDROXIDE)  
**Transport hazard class(es)**  
**Class** 8  
**Subsidiary risk** -  
**Label(s)** 8  
**Packing group** II  
**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.  
**Special provisions** IB8, IP2, IP4, T3, TP33  
**Packaging exceptions** 154  
**Packaging non bulk** 212  
**Packaging bulk** 240

### IATA

**UN number** UN1823  
**UN proper shipping name** Sodium hydroxide, solid mixture (SODIUM HYDROXIDE)  
**Transport hazard class(es)**  
**Class** 8  
**Subsidiary risk** -  
**Packing group** II  
**Environmental hazards** No.  
**ERG Code** 8L  
**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

### IMDG

**UN number** UN1823  
**UN proper shipping name** SODIUM HYDROXIDE, SOLID MIXTURE (SODIUM HYDROXIDE)  
**Transport hazard class(es)**  
**Class** 8  
**Subsidiary risk** -  
**Packing group** II  
**Environmental hazards**  
**Marine pollutant** No.  
**EmS** F-A, S-B  
**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### DOT





## 15. Regulatory information

### US federal regulations

#### Toxic Substances Control Act (TSCA)

##### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

SODIUM HYDROXIDE (CAS 1310-73-2) Listed.

#### SARA 304 Emergency release notification

Not regulated.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### SARA 302 Extremely hazardous substance

Not listed.

#### SARA 311/312 Hazardous chemical

Yes

##### Classified hazard categories

Corrosive to metal  
Acute toxicity (any route of exposure)  
Skin corrosion or irritation  
Serious eye damage or eye irritation  
Specific target organ toxicity (single or repeated exposure)

#### SARA 313 (TRI reporting)

Not regulated.

### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

#### Clean Water Act (CWA) Section 112(r) (40 CFR 68.130)

Hazardous substance

#### Safe Drinking Water Act (SDWA)

Not regulated.

### US state regulations

#### US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

SODIUM HYDROXIDE (CAS 1310-73-2)

#### California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No

Country(s) or region	Inventory name	On inventory (yes/no)*
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

**Issue date** 06-24-2013

**Revision date** 06-16-2023

**Version #** 08

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Supplier cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use.



### Section 1. Identification

**Product identifier** : GLYCERINE CRUDE 65%  
**Product code** : M02241

#### Relevant identified uses of the substance or mixture

##### Identified uses

Industrial applications

**Supplier's details** : QUADRA CHEMICALS LTD.  
 3901 F.X Tessier  
 Vaudreuil-Dorion, QC  
 CANADA J7V 5V5  
 1-800-665-6553

**Emergency telephone number (with hours of operation)** : TRANSPORTATION EMERGENCY - 24HRS/DAY - 7 DAYS/WEEK IN CANADA - CALL 1-888-922-3330

### Section 2. Hazard identification

**Classification of the substance or mixture** : Not classified.

#### GHS label elements

**Signal word** : No signal word.  
**Hazard statements** : No known significant effects or critical hazards.  
**Precautionary statements**  
**Prevention** : Not applicable.  
**Response** : Not applicable.  
**Storage** : Not applicable.  
**Disposal** : Not applicable.

### Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

<b>Ingredient name</b>	<b>% (w/w)</b>	<b>CAS number</b>
glycerol	54.6 - 70.2	56-81-5
sodium chloride	3.9 - 7.8	7647-14-5
methanol	0 - 0.078	67-56-1

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First-aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- Ingestion** : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
halogenated compounds  
metal oxide/oxides

## Section 5. Fire-fighting measures

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8).
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
glycerol sodium chloride methanol	- - <b>ACGIH TLV (United States, 3/2017). Absorbed through skin.</b> TWA: 200 ppm 8 hours. TWA: 262 mg/m <sup>3</sup> 8 hours. STEL: 250 ppm 15 minutes. STEL: 328 mg/m <sup>3</sup> 15 minutes.

- Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

<b>Physical state</b>	: Liquid. [Clear viscous liquid.]
<b>Color</b>	: Amber to brown
<b>Odor</b>	: Fatty odour
<b>Odor threshold</b>	: Not available.
<b>pH</b>	: 4 to 7.5
<b>Melting point</b>	: Not available.
<b>Boiling point</b>	: Not available.
<b>Flash point</b>	: Not available.
<b>Evaporation rate</b>	: Not available.
<b>Flammability (solid, gas)</b>	: Not available.
<b>Lower and upper explosive (flammable) limits</b>	: Not available.
<b>Vapor pressure</b>	: Not available.
<b>Vapor density</b>	: Not available.
<b>Relative density</b>	: Not available.
<b>Density</b>	: 1.17 g/cm <sup>3</sup>
<b>Solubility</b>	: Soluble in the following materials: cold water.
<b>Dispersibility properties</b>	: Not available.
<b>Partition coefficient: n-octanol/water</b>	: Not available.
<b>Auto-ignition temperature</b>	: Not available.
<b>Decomposition temperature</b>	: Not available.
<b>Viscosity</b>	: Not available.
<b>Volatility</b>	: Not available.

## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: No specific data.
<b>Incompatible materials</b>	: oxidizing materials acids
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Not available.

#### Irritation/Corrosion

Not available.

#### Sensitization

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

Not available.

#### Reproductive toxicity

Not available.

#### Teratogenicity

Not available.

#### Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

Not available.

#### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Routes of entry anticipated: Oral, Inhalation.

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.

**Inhalation** : No known significant effects or critical hazards.

**Skin contact** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : No specific data.

**Inhalation** : No specific data.

**Skin contact** : No specific data.

**Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Long term exposure

## Section 11. Toxicological information

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Potential chronic health effects

**General** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Route	ATE value
Oral	47594.2 mg/kg

## Section 12. Ecological information

### Toxicity

Not available.

### Persistence and degradability

Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

**Soil/water partition coefficient ( $K_{oc}$ )** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	<b>TDG Classification</b>
<b>UN number</b>	Not regulated.
<b>UN proper shipping name</b>	-
<b>Transport hazard class(es)</b>	-
<b>Packing group</b>	-
<b>Additional information</b>	Not available.

## Section 15. Regulatory information

**Canada inventory** : All components are listed or exempted.

## Section 16. Other information

### History

**Date of issue/Date of revision** : 7 November 2019

**Prepared by** : Regulatory Affairs

**Key to abbreviations** : ATE = Acute Toxicity Estimate  
 BCF = Bioconcentration Factor  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 LogPow = logarithm of the octanol/water partition coefficient  
 UN = United Nations  
 HPR = Hazardous Products Regulations

### Procedure used to derive the classification

<b>Classification</b>	<b>Justification</b>
Not classified.	

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.





**1. Identification**

<b>Product identifier</b>	<b>Magnesium Perchlorate</b>
<b>Other means of identification</b>	
<b>SDS number</b>	00370
<b>Part Number</b>	501-171, 501-171-HAZ
<b>CAS number</b>	10034-81-8
<b>Recommended use</b>	Laboratory Reagent.
<b>Recommended restrictions</b>	None known.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Supplier</b>	
<b>Company name</b>	LECO Corporation
<b>Address</b>	3000 Lakeview Avenue St. Joseph, MI 49085 United States
<b>Telephone</b>	269-983-5531
<b>Website</b>	www.leco.com
<b>E-mail</b>	info@leco.com
<b>Emergency phone number</b>	Chemtrec: 800-424-9300 Chemtrec Int'l: 703-527-3887

**2. Hazard(s) identification**

<b>Physical hazards</b>	Oxidizing solids	Category 2
<b>Health hazards</b>	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
<b>Environmental hazards</b>	Not classified.	
<b>OSHA defined hazards</b>	Not classified.	
<b>Label elements</b>		



<b>Signal word</b>	Danger
<b>Hazard statement</b>	May intensify fire; oxidizer. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.
<b>Precautionary statement</b>	
<b>Prevention</b>	Wash thoroughly after handling. Keep away from heat. Keep/Store away from clothing/combustible materials. Avoid breathing dust. Use only outdoors or in a well-ventilated area. Wear protective gloves/eye protection/face protection.
<b>Response</b>	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor if you feel unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use water to extinguish.
<b>Storage</b>	Store in a well-ventilated place. Keep container tightly closed. Store locked up.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.

Supplemental information None.

### 3. Composition/information on ingredients

#### Substances

Chemical name	Common name and synonyms	CAS number	%
MAGNESIUM PERCHLORATE		10034-81-8	100

### 4. First-aid measures

<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.
<b>Skin contact</b>	If on clothing: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
<b>Eye contact</b>	Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Call a physician immediately. Rinse mouth.
<b>Most important symptoms/effects, acute and delayed</b>	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Dusts may irritate the respiratory tract, skin and eyes. Skin irritation. May cause redness and pain.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	Take off all contaminated clothing immediately. Contact with combustible material may cause fire. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water.
<b>Unsuitable extinguishing media</b>	None known.
<b>Specific hazards arising from the chemical</b>	Greatly increases the burning rate of combustible materials. Containers may explode when heated. During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers.
<b>Specific methods</b>	Cool containers exposed to flames with water until well after the fire is out.
<b>General fire hazards</b>	May intensify fire; oxidizer. Contact with combustible material may cause fire.

### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep away from clothing and other combustible materials. Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of dust. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Ventilate the contaminated area. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Minimize dust generation and accumulation. If sweeping of a contaminated area is necessary use a dust suppressant agent which does not react with the product. Collect dust using a vacuum cleaner equipped with HEPA filter. Wear appropriate protective equipment and clothing during clean-up. Sweep up or vacuum up spillage and collect in suitable container for disposal. Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Never return spills to original containers for re-use. Avoid release to the environment.

## 7. Handling and storage

### Precautions for safe handling

Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Keep away from heat. Keep away from clothing and other combustible materials. Provide appropriate exhaust ventilation at places where dust is formed. Take any precaution to avoid mixing with combustibles. Avoid breathing dust. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

Store locked up. Do not store around flammable or combustible materials. Keep away from heat. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Do not store near combustible materials. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

This substance has no PEL, TLV, or other recommended exposure limit.

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### Appropriate engineering controls

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. If material is ground, cut, or used in any operation which may generate dusts, use appropriate local exhaust ventilation to keep exposures below the recommended exposure limits. Eye wash facilities and emergency shower must be available when handling this product.

### Individual protection measures, such as personal protective equipment

#### Eye/face protection

Wear safety glasses with side shields (or goggles).

#### Skin protection

##### Hand protection

Wear appropriate chemical resistant gloves. Frequent change is advisable.

##### Other

Wear appropriate chemical resistant clothing.

#### Respiratory protection

Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Respirator must be worn if exposed to dust.

#### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

### General hygiene considerations

Keep from contact with clothing and other combustible materials. Remove and wash contaminated clothing promptly. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

### Appearance

#### Physical state

Solid.

#### Form

Granules.

#### Color

White.

### Odor

Odorless.

### Odor threshold

Not available.

### pH

Not available.

### Melting point/freezing point

482 °F (250 °C)

### Initial boiling point and boiling range

Not available.

### Flash point

Not available.

### Evaporation rate

Not available.

### Flammability (solid, gas)

Not available.

### Upper/lower flammability or explosive limits

#### Flammability limit - lower (%)

Not available.

#### Flammability limit - upper (%)

Not available.

#### Explosive limit - lower (%)

Not available.

#### Explosive limit - upper (%)

Not available.

<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	very soluble with evolution of heat
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	> 482 °F (> 250 °C)
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Density</b>	2.20 g/cm <sup>3</sup> estimated
<b>Explosive properties</b>	Not explosive.
<b>Molecular formula</b>	Mg(ClO <sub>4</sub> ) <sub>2</sub>
<b>Molecular weight</b>	223.2 g/mol
<b>Oxidizing properties</b>	May intensify fire; oxidizer.
<b>pH in aqueous solution</b>	5 - 8 (5% solution)
<b>Specific gravity</b>	2.2

## 10. Stability and reactivity

<b>Reactivity</b>	Greatly increases the burning rate of combustible materials.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Heat. Contact with incompatible materials. Drying of this product on clothing or combustible materials may cause fire.
<b>Incompatible materials</b>	Strong acids. Combustible material. Reducing agents.organic materials. Exothermic reaction on contact with water will release heat and steam.
<b>Hazardous decomposition products</b>	Hydrogen chloride.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Dust may irritate respiratory system.
<b>Skin contact</b>	Causes skin irritation.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Ingestion</b>	Expected to be a low ingestion hazard.

**Symptoms related to the physical, chemical and toxicological characteristics** Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Dusts may irritate the respiratory tract, skin and eyes. Skin irritation. May cause redness and pain.

### Information on toxicological effects

<b>Acute toxicity</b>	Not known.
<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.

### Respiratory or skin sensitization

<b>Respiratory sensitization</b>	Not a respiratory sensitizer.
<b>Skin sensitization</b>	Due to partial or complete lack of data the classification is not possible.

**Germ cell mutagenicity** Due to partial or complete lack of data the classification is not possible.

### Carcinogenicity

#### IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

## OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

## US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

<b>Reproductive toxicity</b>	Due to partial or complete lack of data the classification is not possible.
<b>Specific target organ toxicity - single exposure</b>	May cause respiratory irritation.
<b>Specific target organ toxicity - repeated exposure</b>	Due to partial or complete lack of data the classification is not possible.
<b>Aspiration hazard</b>	Not an aspiration hazard.

## 12. Ecological information

<b>Ecotoxicity</b>	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
<b>Persistence and degradability</b>	No data is available on the degradability of this substance.
<b>Bioaccumulative potential</b>	No data available.
<b>Mobility in soil</b>	No data available.
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

<b>Disposal instructions</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	D001: Waste Flammable material with a flash point <140 F The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

### DOT

<b>UN number</b>	UN1475
<b>UN proper shipping name</b>	Magnesium perchlorate
<b>Transport hazard class(es)</b>	
<b>Class</b>	5.1
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	5.1
<b>Packing group</b>	II
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

### IATA

<b>UN number</b>	UN1475
<b>UN proper shipping name</b>	Magnesium perchlorate
<b>Transport hazard class(es)</b>	
<b>Class</b>	5.1
<b>Subsidiary risk</b>	-
<b>Packing group</b>	II
<b>Environmental hazards</b>	No.
<b>ERG Code</b>	5L
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Other information</b>	

**Passenger and cargo aircraft** Allowed with restrictions.

**Cargo aircraft only** Allowed with restrictions.

### IMDG

<b>UN number</b>	UN1475
<b>UN proper shipping name</b>	MAGNESIUM PERCHLORATE
<b>Transport hazard class(es)</b>	
<b>Class</b>	5.1
<b>Subsidiary risk</b>	-

**Packing group**

II

**Special precautions for user**

Read safety instructions, SDS and emergency procedures before handling.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable.

**DOT**



**IATA; IMDG**



## 15. Regulatory information

### US federal regulations

**Toxic Substances Control Act (TSCA)**

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not listed.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical**

Yes

**Classified hazard categories**

Oxidizer (liquid, solid, or gas)  
Skin corrosion or irritation  
Serious eye damage or eye irritation  
Specific target organ toxicity (single or repeated exposure)

**SARA 313 (TRI reporting)**

Not regulated.

### Other federal regulations

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)**

Contains component(s) regulated under the Safe Drinking Water Act.

## US state regulations

### California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

MAGNESIUM PERCHLORATE (CAS 10034-81-8)

## International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

**Issue date** 06-20-2013

**Revision date** 12-04-2019

**Version #** 08

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Supplier cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use.



## Section 1 Chemical Product and Company Identification

Page E1 of E2



5100 West Henrietta Rd  
PO Box 92912  
Rochester, NY 14692-9012  
Tel: (800) 962-2660

Boreal Science  
399 Vansickle Road  
St. Catharines, Ontario  
L2S 3T4 Canada  
Tel: (800) 387-9393

**CHEMTREC 24 Hour Emergency USA**  
**Phone Number (800) 424-9300**  
For laboratory and industrial use only.  
Not for drug, food or household use.

<b>Product</b>	PHENOLPHTHALEIN
<b>Synonyms</b>	3,3-Bis(para-hydroxyphenyl)phthalide

## Section 2 Hazards Identification

**Signal word:** DANGER  
**Pictograms:** GHS08  
**Target organs:** None known



**GHS Classification:**  
Mutagenicity (Category 2)  
Carcinogenicity (Category 1B)  
Reproductive toxicity (Category 2)

**GHS Label information: Hazard statement:**  
H341: Suspected of causing genetic defects.  
H350: May cause cancer.  
H361f: Suspected of damaging fertility.

**Precautionary statement:**

P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P308+P313: IF exposed or concerned: Get medical attention.  
P405: Store locked up.  
P501: Dispose of contents/container to a licensed chemical disposal agency in accordance with local/regional/national regulations.

**Hazards not otherwise classified:**

Health hazards not otherwise classified (HHNOC) - Not Known  
Physical hazards not otherwise classified (PHNOC) - Not Known

## Section 3 Composition / Information on Ingredients

Chemical Name	CAS #	%	EINECS
Phenolphthalein	77-09-8	100%	201-004-7

## Section 4 First Aid Measures

**INGESTION:** MAY BE HARMFUL IF SWALLOWED. Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

**INHALATION:** MAY BE HARMFUL IF INHALED. MAY CAUSE RESPIRATORY TRACT IRRITATION. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**EYE CONTACT:** CAUSES EYE IRRITATION. Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

**SKIN ABSORPTION:** MAY BE HARMFUL IF ABSORBED THROUGH SKIN. MAY CAUSE SKIN IRRITATION. Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

## Section 5 Fire Fighting Measures

**Suitable Extinguishing Media:** Carbon dioxide, dry chemical, dry sand, alcohol foam. Use any media suitable for extinguishing supporting fire

**Protective Actions for Fire-fighters:** In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

**Specific Hazards:** During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

## Section 6 Accidental Release Measures

**Personal Precautions:** Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

**Environmental Precautions:** Avoid runoff into storm sewers and ditches which lead to waterways.

**Containment and Cleanup:** Sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water.

**Precautions for Safe Handling:** Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale dusts. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

**Conditions for Safe Storage:** Store in a cool, dry, well-ventilated area away from incompatible substances. Protect from light.

## Section 8 Exposure Controls / Personal Protection

Exposure Limits:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)
	Phenolphthalein	None established	None established	None established

**Engineering controls:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

**Respiratory protection:** None should be needed in normal laboratory handling at room temperatures. If dusty conditions prevail, work in fume hood or wear a NIOSH/MSHA-approved respirator.

## Section 9 Physical &amp; Chemical Properties

<b>Appearance:</b> Solid. White to off-white powder <b>Odor:</b> No odor. <b>Odor threshold:</b> Data not available. <b>pH:</b> Data not available. <b>Melting / Freezing point:</b> 261°C (501°F) <b>Boiling point:</b> Data not available <b>Flash point:</b> Data not available	<b>Evaporation rate ( = 1):</b> Data not available <b>Flammability (solid/gas):</b> Data not available. <b>Explosion limits: Lower / Upper:</b> Data not available <b>Vapor pressure (mm Hg):</b> Data not available <b>Vapor density (Air = 1):</b> Data not available <b>Relative density (Specific gravity):</b> 1.299 <b>Solubility(ies):</b> Slightly soluble in water.	<b>Partition coefficient:</b> Data not available <b>Auto-ignition temperature:</b> Data not available <b>Decomposition temperature:</b> Data not available. <b>Viscosity:</b> Data not available. <b>Molecular formula:</b> C <sub>20</sub> H <sub>14</sub> O <sub>4</sub> <b>Molecular weight:</b> 318.33
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## Section 10 Stability &amp; Reactivity

**Chemical stability:** Stable **Hazardous polymerization:** Will not occur.

**Conditions to avoid:** Excessive temperatures. Protect from light.

**Incompatible materials:** Strong oxidizers.

**Hazardous decomposition products:** Oxides of carbon.

## Section 11 Toxicological Information

**Acute toxicity:** Data not available

**Skin corrosion/irritation:** Data not available

**Serious eye damage/irritation:** Data not available

**Respiratory or skin sensitization:** Data not available

**Germ cell mutagenicity:** Data not available

**Carcinogenicity:** Data not available

NTP: (R) Reasonably anticipated to be a human carcinogen.

IARC classified: Group 2B: Possibly carcinogenic to humans.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

CA Prop 65: ⚠️ WARNING! :This product can expose you to Phenolphthalein, which is known to the State of California to cause cancer.

**Reproductive toxicity:** Data not available

**STOT-single exposure:** Data not available

**STOT-repeated exposure:** Data not available

**Aspiration hazard:** Data not available

**Potential health effects:**

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion: May be harmful if swallowed.

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Eyes: Contact causes irritation.

**Signs and symptoms of exposure:** See Potential health effects above. Risk of cancer depends on level and duration of exposure.

**Additional information:** RTECS #: Data not available

## Section 12 Ecological Information

**Toxicity to fish:** No data available

**Toxicity to daphnia and other aquatic invertebrates:** No data available

**Toxicity to algae:** No data available

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**PBT and vPvB assessment:** No data available

**Other adverse effects:** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

## Section 13 Disposal Considerations

These disposal guidelines are intended for the disposal of catalog-size quantities only. Federal regulations may apply to empty container. State and/or local regulations may be different. Dispose of in accordance with all local, state and federal regulations or contract with a licensed chemical disposal agency.

## Section 14 Transport Information (US DOT / CANADA TDG)

**UN/NA number:** Not applicable

**Shipping name:** Not Regulated

**Hazard class:** Not applicable

**Packing group:** Not applicable

**Reportable Quantity:** No

**Marine pollutant:** No

**Exceptions:** Not applicable

**2016 ERG Guide #** Not applicable

## Section 15 Regulatory Information

A chemical is considered to be listed if the CAS number for the anhydrous form is on the Inventory list.

Component	TSCA	CERLCA (RQ)	RCRA code	DSL	NDSL	CA Prop 65
Phenolphthalein	Listed	Not listed	Not listed	Listed	Not listed	⚠️ WARNING -Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

## Section 16 Other Information

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. NTP: National Toxicology Program, IARC: International Agency for Research on Cancer, OSHA: Occupational Safety and Health Administration, STOT: Specific Target Organ Toxicity, SE: Single Exposure, RE: Repeated Exposure, ERG: Emergency Response Guidebook.

## SAFETY DATA SHEET

Version 6.7  
Revision Date 08/24/2021  
Print Date 10/08/2022

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifiers**

Product name : Picric acid  
Product Number : 197378  
Brand : Aldrich  
Index-No. : 609-009-00-X  
CAS-No. : 88-89-1

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Identified uses : Laboratory chemicals, Synthesis of substances

**1.3 Details of the supplier of the safety data sheet**

Company : Sigma-Aldrich Inc.  
3050 SPRUCE ST  
ST. LOUIS MO 63103  
UNITED STATES  
Telephone : +1 314 771-5765  
Fax : +1 800 325-5052

**1.4 Emergency telephone**

Emergency Phone # : 800-424-9300 CHEMTREC (USA) +1-703-527-3887 CHEMTREC (International) 24 Hours/day; 7 Days/week

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

Acute toxicity, Oral (Category 4), H302  
Acute toxicity, Inhalation (Category 3), H331  
Acute toxicity, Dermal (Category 3), H311

For the full text of the H-Statements mentioned in this Section, see Section 16.

**2.2 GHS Label elements, including precautionary statements**

Pictogram



Signal word

Danger

Hazard statement(s)	
H302	Harmful if swallowed.
H311 + H331	Toxic in contact with skin or if inhaled.
Precautionary statement(s)	
P261	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P264	Wash skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/ protective clothing.
P301 + P312 + P330	IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth.
P302 + P352 + P312	IF ON SKIN: Wash with plenty of water.Call a POISON CENTER/ doctor if you feel unwell.
P304 + P340 + P311	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor.
P362	Take off contaminated clothing and wash before reuse.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

### 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

Explosive when dry.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Synonyms	: 2,4,6-Trinitrophenol
Molecular weight	: 229.10 g/mol
CAS-No.	: 88-89-1
EC-No.	: 201-865-9
Index-No.	: 609-009-00-X

Component	Classification	Concentration
<b>picric acid</b>	Expl. 1.1; Acute Tox. 3; H201, H301, H331, H311	>= 50 - < 70 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

## SECTION 4: First aid measures

### 4.1 Description of first-aid measures

#### General advice

First aiders need to protect themselves. Show this material safety data sheet to the doctor in attendance.

#### If inhaled

After inhalation: fresh air. Immediately call in physician. If breathing stops: immediately apply artificial respiration, if necessary also oxygen.

Aldrich - 197378

Page 2 of 10

**In case of skin contact**

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. Call a physician immediately.

**In case of eye contact**

After eye contact: rinse out with plenty of water. Remove contact lenses.

**If swallowed**

After swallowing: immediately make victim drink water (two glasses at most). Consult a physician.

**4.2 Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**4.3 Indication of any immediate medical attention and special treatment needed**

No data available

---

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing media**

Water Foam Carbon dioxide (CO<sub>2</sub>) Dry powder

**Unsuitable extinguishing media**

For this substance/mixture no limitations of extinguishing agents are given.

**5.2 Special hazards arising from the substance or mixture**

Carbon oxides

Nitrogen oxides (NO<sub>x</sub>)

Combustible.

Explosive decomposition possible on heating.

Forms explosive mixtures with air on intense heating.

Avoid shock and friction.

Vapors are heavier than air and may spread along floors.

Development of hazardous combustion gases or vapours possible in the event of fire.

In the event of decomposition: danger of explosion!

Forms explosive mixtures with air on intense heating.

**5.3 Advice for firefighters**

Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

**5.4 Further information**

Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

---

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Advice for non-emergency personnel: Avoid generation and inhalation of dusts in all circumstances. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert.

For personal protection see section 8.

## 6.2 Environmental precautions

Do not let product enter drains.

## 6.3 Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up carefully. Dispose of properly. Clean up affected area. Avoid generation of dusts.

## 6.4 Reference to other sections

For disposal see section 13.

---

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

Work under hood. Do not inhale substance/mixture.

#### Advice on protection against fire and explosion

Keep away from open flames, hot surfaces and sources of ignition.

#### Hygiene measures

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.

For precautions see section 2.2.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage conditions

Keep locked up or in an area accessible only to qualified or authorized persons. Tightly closed and away from sources of ignition and heat. Observe national regulations.

Keep wetted with water. Do not allow material to become dry.

#### Storage class

Storage class (TRGS 510): 4.1A: Other explosive hazardous materials

### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

---

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Ingredients with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
picric acid	88-89-1	TWA	0.1 mg/m <sup>3</sup>	USA. ACGIH Threshold Limit Values (TLV)
		TWA	0.1 mg/m <sup>3</sup>	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
	Remarks	Skin designation		
		TWA	0.1 mg/m <sup>3</sup>	USA. NIOSH Recommended Exposure Limits
		Potential for dermal absorption		

		ST	0.3 mg/m <sup>3</sup>	USA. NIOSH Recommended Exposure Limits
		Potential for dermal absorption		
		TWA	0.1 mg/m <sup>3</sup>	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
		Skin notation		
		PEL	0.1 mg/m <sup>3</sup>	California permissible exposure limits for chemical contaminants (Title 8, Article 107)
		Skin		

## 8.2 Exposure controls

### Appropriate engineering controls

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.

### Personal protective equipment

#### Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses

#### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

#### Full contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M)

#### Splash contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the EC approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

#### Body Protection

protective clothing

#### Respiratory protection

required when dusts are generated.

Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.

## Control of environmental exposure

Do not let product enter drains.

---

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

a) Appearance	Form: solid Color: yellow
b) Odor	No data available
c) Odor Threshold	No data available
d) pH	No data available
e) Melting point/freezing point	Melting point/range: 121 °C (250 °F)
f) Initial boiling point and boiling range	No data available
g) Flash point	150 °C (302 °F) - closed cup
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapor pressure	1 hPa at 195 °C (383 °F)
l) Vapor density	No data available
m) Density	1.800 g/cm <sup>3</sup> at 20 °C (68 °F)
Relative density	No data available
n) Water solubility	soluble
o) Partition coefficient: n-octanol/water	log Pow: 1.33
p) Autoignition temperature	300 °C (572 °F)
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

#### 9.2 Other safety information

No data available



---

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

sensitive to shock

The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

Forms explosive mixtures with air on intense heating.

A range from approx. 15 Kelvin below the flash point is to be rated as critical.

The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

### 10.2 Chemical stability

heat-sensitive

The product is chemically stable under standard ambient conditions (room temperature) .

Contains the following stabilizer(s):

water (>=30 - <=40 %)

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

Picric acid forms salts with many metals some of which are rather sensitive to heat, friction, or impact, e.g., lead, iron, zinc, nickel, copper, etc., and should be considered dangerously sensitive. The salts formed with ammonia and amines, and the molecular complexes with aromatic hydrocarbons, etc, are in general not so sensitive. Contact of picric acid with concrete floors may form the friction-sensitive calcium salt. Dry mixtures of picric acid and aluminum powder are inert, but the addition of water causes ignition after a delay dependent upon the quantity added. Storage conditions: records of purchase dates should be maintained for each container. Material older than 2 years should be disposed. Inspect and add water every six months as needed. Rotate containers to distribute water every three months.

Avoid shock and friction.

Heating (explosive decomposition).

Strong heating.

### 10.5 Incompatible materials

Strong bases, Reducing agents, Heavy metals, Heavy metal salts, Ammonia various plastics

### 10.6 Hazardous decomposition products

In the event of fire: see section 5

---

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Acute toxicity estimate Oral - 307.69 mg/kg

(Calculation method)

LD50 Oral - Rat - 200 mg/kg (picric acid)

Acute toxicity estimate Inhalation - 4 h - 0.7708 mg/l

(Calculation method)

Inhalation: No data available

Acute toxicity estimate Dermal - 461.54 mg/kg  
(Calculation method)  
Dermal: No data available  
LD50 Intraperitoneal - Mouse - 56.3 mg/kg (picric acid)

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

Eyes - Rabbit (picric acid)  
Result: No eye irritation

**Respiratory or skin sensitization**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available (picric acid)

**11.2 Additional Information**

Discoloration of the skin., Picric acid dust causes sensitization dermatitis. This usually occurs on the face, especially around the mouth and the sides of the nose; the condition progresses from edema, through the formation of papules and vesicles, to ultimate desquamation. Inhalation of high concentrations of dust has caused unconsciousness, weakness, muscle pain, and kidney problems. Swallowing picric acid may cause a bitter taste, headache, dizziness, nausea, vomiting, and diarrhea. High doses may cause destruction of the red blood cells and damage to the kidneys and liver with blood in the urine.

Stomach - Irregularities - Based on Human Evidence  
(picric acid)

---

**SECTION 12: Ecological information**

**12.1 Toxicity**

No data available

No data available

## 12.2 Persistence and degradability

No data available

## 12.3 Bioaccumulative potential

No data available

## 12.4 Mobility in soil

No data available

## 12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

## 12.6 Other adverse effects

No data available

---

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself. See [www.retrologistik.com](http://www.retrologistik.com) for processes regarding the return of chemicals and containers, or contact us there if you have further questions.

---

## SECTION 14: Transport information

### DOT (US)

UN number: 1344 Class: 4.1 Packing group: I  
Proper shipping name: Trinitrophenol, wetted  
Reportable Quantity (RQ):  
Poison Inhalation Hazard: No

### IMDG

UN number: 1344 Class: 4.1 Packing group: I EMS-No: F-B, S-J  
Proper shipping name: TRINITROPHENOL, WETTED

### IATA

UN number: 1344 Class: 4.1 Packing group: I  
Proper shipping name: Trinitrophenol, wetted

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## SECTION 15: Regulatory information

### SARA 302 Components

This material does not contain any components with a section 302 EHS TPQ.

### SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

	CAS-No.	Revision Date
picric acid	88-89-1	2007-07-01

## Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

---

### SECTION 16: Other information

#### Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See [www.sigma-aldrich.com](http://www.sigma-aldrich.com) and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

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Version: 6.7

Revision Date: 08/24/2021

Print Date: 10/08/2022



# Safety Data Sheet

According to Hazardous Products Regulation (SOR/2015-17)

Revision date: 09.04.2020

Version: 6.0

Print date: 09.04.2020

## SECTION 1: Identification

### Product identifier

Trade name/designation:	Potassium dichromate ACS
Product No.:	73415
Synonymes:	none/none
CAS No.:	7778-50-9
Other means of identification:	

### Relevant identified uses of the substance or mixture and uses advised against

Recommended Use:	Scientific research and development
Uses advised against:	

### Details of the supplier of the safety data sheet

#### Supplier

##### **VWR International**

Street	2360 Argentia Road
Postal code/City	Mississauga, Ontario
	Canada L5N 5Z7
Telephone	+1-800-932-5000 toll-free within US/Canada
Telefax:	+1-610-728-2103





### Emergency phone number

Telephone +1-613-996-6666 (Canutec, 24 hrs/day, 7 days/week, Canada)

### Preparation Information

VWR International - Product Information Compliance

E-mail sds@vwr.com

## SECTION 2: Hazard identification

### 2.1 Classification of the substance or mixture

#### Classification according to Hazardous Products Regulation (SOR/2015-17)

Hazard classes and hazard categories	Hazard statements
Oxidising solid, category 2	H272
Acute toxicity, category 2, inhalation	H330
Acute toxicity, category 3, oral	H301
Acute toxicity, category 4, dermal	H312
Skin corrosion, category 1B	H314
Skin sensitization, category 1	H317
Respiratory sensitization, category 1	H334
Germ cell mutagenicity, category 1B	H340
Carcinogenicity, category 1B	H350
Reproductive toxicity, category 1B	H360FD
Specific target organ toxicity (repeated exposure), category 1	H372
Specific target organ toxicity (single exposure), category 3, vascular	H335

### 2.2 Label elements

#### Labelling in accordance with (SOR/2015-17)

#### Hazard pictograms



Signal word: Danger





Hazard statements	
H272	May intensify fire; oxidiser.
H330	Fatal if inhaled.
H301	Toxic if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H340	May cause genetic defects.
H350	May cause cancer.
H360FD	May damage fertility. May damage the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H335	May cause respiratory irritation.

Precautionary Statements	
P201	Obtain special instructions before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P284	[In case of inadequate ventilation] wear respiratory protection.
P273	Avoid release to the environment.
P301+P330+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308+P310	IF exposed or concerned: Immediately call a POISON CENTER/doctor.

**Hazards not otherwise classified (HNOC)**

none/none

## SECTION 3: Composition / information on ingredients

### 3.1 Substances

Substance name	Potassium dichromate
Molecular formula	K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub>
Molecular weight	294.18 g/mol
CAS No.	7778-50-9

## SECTION 4: First aid measures

### 4.1 General information

IF exposed: Immediately call a POISON CENTER/doctor. If unconscious place in recovery position and seek medical advice. Never give anything by mouth to an unconscious person or a person with cramps. Change contaminated, saturated clothing. Do not leave affected person unattended.

#### In case of inhalation

Immediately call a POISON CENTER/doctor. Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration.





#### **In case of skin contact**

After contact with skin, wash immediately with plenty of water and soap. Remove contaminated, saturated clothing immediately. Immediate medical treatment required because corrosive injuries that are not treated are hard to cure.

#### **After eye contact**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Protect uninjured eye. Remove contact lenses, if present and easy to do. Continue rinsing.

#### **In case of ingestion**

Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. Rinse mouth thoroughly with water. Give nothing to eat or drink.

### **4.2 Most important symptoms/effects, acute and delayed**

no data available

### **4.3 Indication of any immediate medical attention and special treatment needed**

no data available

### **4.4 Self-protection of the first aider**

First aider: Pay attention to self-protection!

### **4.5 Information to physician**

no data available

## **SECTION 5: Fire fighting measures**

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

The product itself does not burn.  
May intensify fire; oxidiser.  
Co-ordinate fire-fighting measures to the fire surroundings.

#### **Extinguishing media which must not be used for safety reasons**

no restriction

### **5.2 Specific hazards arising from the chemical**

In case of fire may be liberated:  
Pyrolysis products, toxic

### **5.3 Advice for firefighters**

DO NOT fight fire when fire reaches explosives.  
Protective equipment and precautions for firefighters  
Wear a self-contained breathing apparatus and chemical protective clothing.

#### **Additional information**

Do not allow run-off from fire-fighting to enter drains or water courses.  
Do not inhale explosion and combustion gases.  
Use water spray/stream to protect personnel and to cool endangered containers.  
In case of fire: Evacuate area.







## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation.

### 6.2 Environmental precautions

Do not allow to enter into surface water or drains.

### 6.3 Methods and material for containment and cleaning up

Spilled product must never be returned to the original container for recycling. Clean contaminated articles and floor according to the environmental legislation. Collect in closed and suitable containers for disposal.

### 6.4 Additional information

Clear spills immediately.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid:

Inhalation

Avoid contact with eyes and skin.

Use extractor hood (laboratory).

If handled uncovered, arrangements with local exhaust ventilation have to be used.

If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means.

Handle under (Gas):

Nitrogen

### 7.2 Conditions for safe storage, including any incompatibilities

Recommended storage temperature: Ambient temperature

Keep container tightly closed and in a well-ventilated place.

### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Does not contain substances above concentration limits fixing an occupational exposure limit.

### 8.2 Engineering controls

#### Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment. If handled uncovered, arrangements with local exhaust ventilation have to be used.

#### Personal protection equipment (PPE)

Wear suitable protective clothing. When handling with chemical substances, protective clothing must be worn.

#### *Eye/face protection*

Eye glasses with side protection

#### *Skin protection*





Wear suitable gloves. When handling with chemical substances, protective gloves must be worn. In the case of wanting to use the gloves again, clean them before taking off and air them well. Check leak tightness/impermeability prior to use.

By short-term hand contact

Suitable material:	NBR (Nitrile rubber)
Thickness of the glove material:	0,12 mm
Breakthrough time (maximum wearing time):	> 480 min

By long-term hand contact

Suitable material:	NBR (Nitrile rubber)
Thickness of the glove material:	0,38 mm
Breakthrough time (maximum wearing time):	> 480 min

*Respiratory protection*

Respiratory protection necessary at: aerosol or mist formation If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.

*Additional information*

Wash hands before breaks and after work. Avoid contact with eyes and skin. When using do not eat, drink or smoke. Provide eye shower and label its location conspicuously.

*Environmental exposure controls*

no data available





## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

(a) Appearance	
Physical state:	solid
Color:	orange
(b) Odour:	no data available
(c) Odour threshold:	no data available

#### Safety relevant basic data

(d) pH:	4 (50 g/l; H <sub>2</sub> O; 20 °C)
(e) Melting point/freezing point:	398 °C
(f) Initial boiling point and boiling range:	500 °C (1013 hPa)
(g) Flash point:	no data available
(h) Evaporation rate:	no data available
(i) Flammability (solid, gas):	not applicable
(j) Flammability or explosive limits	
Lower explosion limit:	no data available
Upper explosion limit:	no data available
(k) Vapour pressure:	no data available
(l) Vapour density:	no data available
(m) Relative density:	2.67 g/cm <sup>3</sup> (20 °C)
(n) Solubility(ies)	
Water solubility (g/L):	130 g/l (20 °C)
Soluble (g/L) in Ethanol:	no data available
(o) Partition coefficient: n-octanol/water:	no data available
(p) Auto-ignition temperature:	no data available
(q) Decomposition temperature:	no data available
(r) Viscosity	
Kinematic viscosity:	no data available
Dynamic viscosity:	no data available
(s) Explosive properties:	not applicable
(t) Oxidising properties:	May intensify fire; oxidiser.

### 9.2 Other information

Bulk density:	no data available
Refraction index:	no data available
Dissociation constant:	no data available
Surface tension:	no data available
Henry's Law Constant:	no data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

no data available





## 10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

## 10.3 Possibility of hazardous reactions

no data available

## 10.4 Conditions to avoid

no data available

## 10.5 Incompatible materials

no data available

## 10.6 Hazardous decomposition products

no data available

## 10.7 Additional information

no data available

# SECTION 11: Toxicological information

## 11.1 Information on toxicological effects

### Acute effects

*Acute oral toxicity:*

LD50: > 25 mg/kg - Rat - (RTECS)

*Acute dermal toxicity:*

LD50: > 1170 mg/kg - Rat - (IUCLID)

*Acute inhalation toxicity:*

no data available

### Irritant and corrosive effects

*Primary irritation to the skin:*

Causes severe skin burns and eye damage.

*Irritation to eyes:*

Causes serious eye damage.

*Irritation to respiratory tract:*

May cause respiratory irritation.

### Respiratory or skin sensitization

In case of skin contact: sensitising

In case of inhalation: sensitising

### STOT-single exposure

May cause respiratory irritation.

### STOT-repeated exposure

Causes damage to organs through prolonged or repeated exposure.





**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

**Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen.

no data available	ACGIH	IARC	NTP	OSHA

**Germ cell mutagenicity**

May cause genetic defects.

**Reproductive toxicity**

May damage fertility. May damage the unborn child.

**Aspiration hazard**

not applicable

**Other adverse effects**

no data available

**Additional information**

no data available

**SECTION 12: Ecological information**

**12.1 Ecotoxicity**

**Fish toxicity:**

LC50: 51.1 mg/l (96 h)

**Daphnia toxicity:**

EC50: 0.12 mg/l (48 h)

LC50: 7.18 mg/l (48 h)

**Algae toxicity:**

EC50: 0.61 mg/l (72 h)

**Bacteria toxicity:**

no data available

**12.2 Persistence and degradability**

no data available

**12.3 Bioaccumulative potential**

Partition coefficient: n-octanol/water: no data available

**12.4 Mobility in soil:**

no data available





## 12.5 Results of PBT/vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

## 12.6 Other adverse effects

no data available

# SECTION 13: Disposal considerations

## 13.1 Waste treatment methods

### Appropriate disposal / Product

Dispose according to legislation. Consult the appropriate local waste disposal expert about waste disposal.

Waste code product: no data available

### Appropriate disposal / Package

Dispose according to legislation. Handle contaminated packages in the same way as the substance itself.

### Additional information

no data available

# SECTION 14: Transport information

## Land transport (TDG)

UN-No.:	3087
Proper Shipping Name:	OXIDIZING SOLID, TOXIC, N.O.S. (POTASSIUM DICHROMATE)
Class(es):	5.1 (6.1)
Packing group:	II
Environmental hazards:	No
Marine pollutant:	No
Special precautions for user:	

## Sea transport (IMDG)

UN-No.:	3087
Proper Shipping Name:	OXIDIZING SOLID, TOXIC, N.O.S. (POTASSIUM DICHROMATE)
Class(es):	5.1 (6.1)
Classification code:	
Hazard label(s):	5.1+6.1
Packing group:	II
Environmental hazards:	No
Marine pollutant:	No
Special precautions for user:	
Segregation group:	-
EmS-No.	F-A S-Q
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	
not relevant	





## Air transport (ICAO-TI / IATA-DGR)

UN-No.:	3087
Proper Shipping Name:	OXIDIZING SOLID, TOXIC, N.O.S. (POTASSIUM DICHROMATE)
Class(es):	5.1 (6.1)
Classification code:	
Hazard label(s):	5.1+6.1
Packing group:	II
Special precautions for user:	

## SECTION 15: Regulatory information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

Domestic Substance List:

## SECTION 16: Other information

### Abbreviations and acronyms

ACGIH - American Conference of Governmental Industrial Hygienists  
DOT - Department of Transportation  
IARC - International Agency for Research on Cancer  
IATA-DGR - International Air Transport Association-Dangerous Goods Regulations  
ICAO-TI - International Civil Aviation Organization-Technical Instructions  
IMDG - International Maritime Code for Dangerous Goods  
LTV - Long Term Value  
NIOSH - National Institute for Occupational Safety and Health  
NTP - National Toxicology Program  
OSHA - Occupational Safety & Health Administration  
PBT - Persistent, Bioaccumulative and Toxic  
PEL - Permissible Exposure Limit  
STV - Short Term Value  
SVHC - Substances of Very High Concern  
TDG - Transport of Dangerous Goods  
TLV - Threshold Limit Value  
vPvB - very Persistent, very Bioaccumulative

### Additional information

Indication of changes:                      general update

*The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guidance. The information in this document is based on the present state knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. VWR International and his Affiliates shall not be held liable for any damage resulting from handling.*



# Safety Data Sheet

According to Hazardous Products Regulation (SOR/2015-17)

Revision date: 10.04.2020

Version: 6.4

Print date: 10.04.2020

## SECTION 1: Identification

### Product identifier

Trade name/designation:	Potassium iodide ACS
Product No.:	BDH9264
Synonymes:	none/none
CAS No.:	7681-11-0
Other means of identification:	

### Relevant identified uses of the substance or mixture and uses advised against

Recommended Use:	For Further Manufacturing Use Only
Uses advised against:	Not for Human or Animal Drug Use

### Details of the supplier of the safety data sheet

#### Supplier

##### **VWR International**

Street	2360 Argentia Road
Postal code/City	Mississauga, Ontario
	Canada L5N 5Z7
Telephone	+1-800-932-5000 toll-free within US/Canada
Telefax:	+1-610-728-2103



### Emergency phone number

Telephone +1-613-996-6666 (Canutec, 24 hrs/day, 7 days/week, Canada)

### Preparation Information

VWR International - Product Information Compliance

E-mail sds@vwr.com

## SECTION 2: Hazard identification

### 2.1 Classification of the substance or mixture

#### Classification according to Hazardous Products Regulation (SOR/2015-17)

Hazard classes and hazard categories	Hazard statements
Specific target organ toxicity (repeated exposure), category 1	H372

### 2.2 Label elements

#### Labelling in accordance with (SOR/2015-17)

#### Hazard pictograms



Signal word: Danger

Hazard statements	
H372	Causes damage to organs through prolonged or repeated exposure.

Precautionary Statements	
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P312	Call a POISON CENTER/doctor/.../if you feel unwell.

#### Hazards not otherwise classified (HNOC)

none/none

## SECTION 3: Composition / information on ingredients

### 3.1 Substances

Substance name	Potassium iodide
Molecular formula	KI
Molecular weight	166.00 g/mol
CAS No.	7681-11-0

## SECTION 4: First aid measures

### 4.1 General information

IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician. If unconscious place in recovery position and seek medical advice. Never give anything by mouth to an unconscious person or a person with cramps. Change contaminated, saturated clothing. Do not leave affected person unattended.

#### In case of inhalation

Call a POISON CENTER/doctor. Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

#### In case of skin contact

After contact with skin, wash immediately with plenty of water and soap. Remove contaminated, saturated clothing immediately. In case of skin reactions, consult a physician.

#### After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Protect uninjured eye. Remove contact lenses, if present and easy to do. Continue rinsing.

#### In case of ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do NOT induce vomiting. Give nothing to eat or drink.

### 4.2 Most important symptoms/effects, acute and delayed

no data available

### 4.3 Indication of any immediate medical attention and special treatment needed

no data available

### 4.4 Self-protection of the first aider

First aider: Pay attention to self-protection!

### 4.5 Information to physician

no data available

## SECTION 5: Fire fighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

The product itself does not burn.  
Co-ordinate fire-fighting measures to the fire surroundings.

#### Extinguishing media which must not be used for safety reasons

no restriction

### 5.2 Specific hazards arising from the chemical

In case of fire may be liberated:  
Hydrogen iodide (HI)

### 5.3 Advice for firefighters

DO NOT fight fire when fire reaches explosives.

Protective equipment and precautions for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

#### Additional information

Do not allow run-off from fire-fighting to enter drains or water courses.

Do not inhale explosion and combustion gases.

Use water spray/stream to protect personnel and to cool endangered containers.

In case of fire: Evacuate area.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation.

### 6.2 Environmental precautions

Do not allow to enter into surface water or drains.

### 6.3 Methods and material for containment and cleaning up

Spilled product must never be returned to the original container for recycling. Clean contaminated articles and floor according to the environmental legislation. Collect in closed and suitable containers for disposal.

### 6.4 Additional information

Clear spills immediately.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid:

Inhalation

Avoid contact with eyes and skin.

Use extractor hood (laboratory).

If handled uncovered, arrangements with local exhaust ventilation have to be used.

If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means.

Protect from moisture.

### 7.2 Conditions for safe storage, including any incompatibilities

Recommended storage temperature: Store between 15 °C and 30 °C.

Keep container tightly closed and in a well-ventilated place.

### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Does not contain substances above concentration limits fixing an occupational exposure limit.

## 8.2 Engineering controls

### Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment. If handled uncovered, arrangements with local exhaust ventilation have to be used.

### Personal protection equipment (PPE)

Wear suitable protective clothing. When handling with chemical substances, protective clothing must be worn.

#### *Eye/face protection*

Eye glasses with side protection

#### *Skin protection*

Wear suitable gloves. When handling with chemical substances, protective gloves must be worn. In the case of wanting to use the gloves again, clean them before taking off and air them well. Check leak tightness/impermeability prior to use.

#### By short-term hand contact

Suitable material:	NBR (Nitrile rubber)
Thickness of the glove material:	0,12 mm
Breakthrough time (maximum wearing time):	> 480 min

#### By long-term hand contact

Suitable material:	NBR (Nitrile rubber)
Thickness of the glove material:	0,38 mm
Breakthrough time (maximum wearing time):	> 480 min

#### *Respiratory protection*

Usually no personal respirative protection necessary.

#### *Additional information*

Wash hands before breaks and after work. Avoid contact with eyes and skin. When using do not eat, drink or smoke. Provide eye shower and label its location conspicuously.

#### *Environmental exposure controls*

no data available

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

(a) Appearance	
Physical state:	solid
Color:	white
(b) Odour:	no data available
(c) Odour threshold:	no data available

#### Safety relevant basic data

(d) pH:	6.9 (50 g/l; H <sub>2</sub> O; 20 °C)
(e) Melting point/freezing point:	681 °C
(f) Initial boiling point and boiling range:	1330 °C (1013 hPa)
(g) Flash point:	no data available
(h) Evaporation rate:	no data available
(i) Flammability (solid, gas):	not applicable
(j) Flammability or explosive limits	
Lower explosion limit:	no data available
Upper explosion limit:	no data available
(k) Vapour pressure:	no data available
(l) Vapour density:	no data available
(m) Relative density:	3.13 g/cm <sup>3</sup> (20 °C)
(n) Solubility(ies)	
Water solubility (g/L):	1,430 g/l (20 °C)
Soluble (g/L) in Ethanol:	no data available
(o) Partition coefficient: n-octanol/water:	0.04 (20 °C; calculated)
(p) Auto-ignition temperature:	no data available
(q) Decomposition temperature:	no data available
(r) Viscosity	
Kinematic viscosity:	no data available
Dynamic viscosity:	no data available
(s) Explosive properties:	not applicable
(t) Oxidising properties:	not applicable

### 9.2 Other information

Bulk density:	no data available
Refraction index:	no data available
Dissociation constant:	no data available
Surface tension:	no data available
Henry's Law Constant:	no data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

no data available

## 10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

## 10.3 Possibility of hazardous reactions

no data available

## 10.4 Conditions to avoid

no data available

## 10.5 Incompatible materials

no data available

## 10.6 Hazardous decomposition products

no data available

## 10.7 Additional information

no data available

# SECTION 11: Toxicological information

## 11.1 Information on toxicological effects

### Acute effects

*Acute oral toxicity:*

LD50: > 2779 mg/kg - Rat - (Merck KGaA)

*Acute dermal toxicity:*

no data available

*Acute inhalation toxicity:*

no data available

### Irritant and corrosive effects

*Primary irritation to the skin:*

not applicable

*Irritation to eyes:*

not applicable

*Irritation to respiratory tract:*

not applicable

**Respiratory or skin sensitization**

In case of skin contact: not sensitising

In case of inhalation: not sensitising

**STOT-single exposure**

not applicable

**STOT-repeated exposure**

Causes damage to organs through prolonged or repeated exposure.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

**Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen.

no data available	ACGIH	IARC	NTP	OSHA

**Germ cell mutagenicity**

No indications of human germ cell mutagenicity exist.

**Reproductive toxicity**

No indications of human reproductive toxicity exist.

**Aspiration hazard**

not applicable

**Other adverse effects**

no data available

**Additional information**

no data available

**SECTION 12: Ecological information**

**12.1 Ecotoxicity**

**Fish toxicity:**

LC50: 1540 mg/l (96 h) - Davies, P.H., and J.P. Goettl Jr. 1978. Evaluation of the Potential Impacts of Silver and/or Silver Iodide on Rainbow Trout in Laboratory and high Mountain Lake Environments. Environ.Impacts Artif.Ice Nucleating Agents :149-161

**Daphnia toxicity:**

no data available

**Algae toxicity:**

no data available

**Bacteria toxicity:**

no data available

## 12.2 Persistence and degradability

no data available

## 12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water: 0.04 (20 °C; berechnet)

## 12.4 Mobility in soil:

no data available

## 12.5 Results of PBT/vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

## 12.6 Other adverse effects

no data available

# SECTION 13: Disposal considerations

## 13.1 Waste treatment methods

### Appropriate disposal / Product

Dispose according to legislation. Consult the appropriate local waste disposal expert about waste disposal.

Waste code product: no data available

### Appropriate disposal / Package

Dispose according to legislation. Handle contaminated packages in the same way as the substance itself.

### Additional information

no data available

# SECTION 14: Transport information

## Land transport (TDG)

No dangerous good in sense of this transport regulation.

## Sea transport (IMDG)

No dangerous good in sense of this transport regulation.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  
not relevant

## Air transport (ICAO-TI / IATA-DGR)

No dangerous good in sense of this transport regulation.



## SECTION 15: Regulatory information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

Domestic Substance List:

## SECTION 16: Other information

### Abbreviations and acronyms

ACGIH - American Conference of Governmental Industrial Hygienists  
DOT - Department of Transportation  
IARC - International Agency for Research on Cancer  
IATA-DGR - International Air Transport Association-Dangerous Goods Regulations  
ICAO-TI - International Civil Aviation Organization-Technical Instructions  
IMDG - International Maritime Code for Dangerous Goods  
LTV - Long Term Value  
NIOSH - National Institute for Occupational Safety and Health  
NTP - National Toxicology Program  
OSHA - Occupational Safety & Health Administration  
PBT - Persistent, Bioaccumulative and Toxic  
PEL - Permissible Exposure Limit  
STV - Short Term Value  
SVHC - Substances of Very High Concern  
TDG - Transport of Dangerous Goods  
TLV - Threshold Limit Value  
vPvB - very Persistent, very Bioaccumulative

### Additional information

Indication of changes:                      general update

*The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guidance. The information in this document is based on the present state knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. VWR International and his Affiliates shall not be held liable for any damage resulting from handling.*

## SAFETY DATA SHEET

Creation Date 05-Aug-2010

Revision Date 14-Feb-2020

Revision Number 4

### 1. Identification

**Product Name** Potassium nitrate

**Cat No. :** A14527

**CAS-No** 7757-79-1  
**Synonyms** Saltpeter.; Nitric acid potassium salt; Niter

**Recommended Use** Laboratory chemicals.  
**Uses advised against** Food, drug, pesticide or biocidal product use.  
**Details of the supplier of the safety data sheet**

**Company**

Alfa Aesar  
Thermo Fisher Scientific Chemicals, Inc.  
30 Bond Street  
Ward Hill, MA 01835-8099  
Tel: 800-343-0660  
Fax: 800-322-4757  
**Email:** tech@alfa.com  
www.alfa.com

**Emergency Telephone Number**

During normal business hours (Monday-Friday, 8am-7pm EST), call (800) 343-0660.  
After normal business hours, call Carechem 24 at (866) 928-0789.

### 2. Hazard(s) identification

**Classification**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Oxidizing solids Category 3

**Label Elements**

**Signal Word**

Warning

**Hazard Statements**

May intensify fire; oxidizer

**Precautionary Statements****Prevention**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
 Keep/Store away from clothing/ other combustible materials  
 Take any precaution to avoid mixing with combustibles  
 Wear protective gloves/protective clothing/eye protection/face protection

**Fire**

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

None identified

### 3. Composition/Information on Ingredients

Component	CAS-No	Weight %
Potassium nitrate	7757-79-1	>95

### 4. First-aid measures

<b>General Advice</b>	If symptoms persist, call a physician.
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.
<b>Most important symptoms and effects</b>	None reasonably foreseeable.
<b>Notes to Physician</b>	Treat symptomatically

### 5. Fire-fighting measures

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable Extinguishing Media</b>	No information available
<b>Flash Point</b>	No information available
<b>Method -</b>	No information available

**Autoignition Temperature****Explosion Limits****Upper**

No data available

**Lower**

No data available

**Oxidizing Properties**

Oxidizer

**Sensitivity to Mechanical Impact** No information available**Sensitivity to Static Discharge** No information available**Specific Hazards Arising from the Chemical**

Oxidizer: Contact with combustible/organic material may cause fire. May ignite combustibles (wood, paper, oil, clothing, etc.). Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.

**Hazardous Combustion Products**Potassium oxides. Nitrogen oxides (NO<sub>x</sub>).**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**NFPA****Health**  
1**Flammability**  
1**Instability**  
2**Physical hazards**  
OX**6. Accidental release measures****Personal Precautions**

Use personal protective equipment as required. Ensure adequate ventilation. Avoid dust formation.

**Environmental Precautions**

Should not be released into the environment.

**Methods for Containment and Clean Up**

Sweep up and shovel into suitable containers for disposal. Keep in suitable, closed containers for disposal. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

**7. Handling and storage****Handling**

Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid ingestion and inhalation. Avoid dust formation. Do not get in eyes, on skin, or on clothing. Keep away from clothing and other combustible materials.

**Storage**

Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store near combustible materials.

**8. Exposure controls / personal protection****Exposure Guidelines**

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Engineering Measures**

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

**Personal Protective Equipment****Eye/face Protection**

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin and body protection**

Wear appropriate protective gloves and clothing to prevent skin exposure.

**Respiratory Protection** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

<b>Physical State</b>	Solid
<b>Appearance</b>	White
<b>Odor</b>	Odorless
<b>Odor Threshold</b>	No information available
<b>pH</b>	6-8 5% aq. solution
<b>Melting Point/Range</b>	334 °C / 633.2 °F
<b>Boiling Point/Range</b>	400 °C / 752 °F @ 760 mmHg
<b>Flash Point</b>	No information available
<b>Evaporation Rate</b>	Not applicable
<b>Flammability (solid,gas)</b>	Not flammable
<b>Flammability or explosive limits</b>	
<b>Upper</b>	No data available
<b>Lower</b>	No data available
<b>Vapor Pressure</b>	No information available
<b>Vapor Density</b>	Not applicable
<b>Density</b>	2.1 @ 20 °C
<b>Specific Gravity</b>	No information available
<b>Solubility</b>	Soluble
<b>Partition coefficient; n-octanol/water</b>	No data available
<b>Autoignition Temperature</b>	
<b>Decomposition Temperature</b>	> 400°C
<b>Viscosity</b>	Not applicable
<b>Molecular Formula</b>	K N O <sub>3</sub>
<b>Molecular Weight</b>	101.1

## 10. Stability and reactivity

<b>Reactive Hazard</b>	Yes
<b>Stability</b>	Oxidizer: Contact with combustible/organic material may cause fire.
<b>Conditions to Avoid</b>	Avoid dust formation. Excess heat. Combustible material. Incompatible products.
<b>Incompatible Materials</b>	Strong reducing agents, Strong acids, Combustible material
<b>Hazardous Decomposition Products</b>	Potassium oxides, Nitrogen oxides (NO <sub>x</sub> )
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
<b>Hazardous Reactions</b>	None under normal processing.

## 11. Toxicological information

### Acute Toxicity

### Product Information

### Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Potassium nitrate	LD50 = 3015 mg/kg ( Rat )	> 5000 mg/kg (Rat)	>0.527 mg/l 4h (Rat)

**Toxicologically Synergistic Products** No information available

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Irritation</b>	No information available
<b>Sensitization</b>	No information available
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
Potassium nitrate	7757-79-1	Not listed	Not listed	Not listed	Not listed	Not listed

**Mutagenic Effects** Did not show mutagenic effects in animal experiments

**Reproductive Effects** Animal testing did not show any effects on fertility.

**Developmental Effects** No information available.

**Teratogenicity** No information available.

**STOT - single exposure** None known

**STOT - repeated exposure** None known

**Aspiration hazard** No information available

**Symptoms / effects, both acute and delayed** No information available

**Endocrine Disruptor Information** No information available

**Other Adverse Effects** The toxicological properties have not been fully investigated.

## 12. Ecological information

### Ecotoxicity

This product contains the following substance(s) which are hazardous for the environment. .

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Potassium nitrate	> 1700 mg/l EC50 (10 day)	1378 mg/l LC50 (96h)	Not listed	490 mg/l EC50 (48h)

**Persistence and Degradability** Soluble in water Persistence is unlikely based on information available.

**Bioaccumulation/ Accumulation** No information available.

**Mobility** Will likely be mobile in the environment due to its water solubility.

## 13. Disposal considerations

**Waste Disposal Methods** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

## 14. Transport information

### DOT

<b>UN-No</b>	UN1486
<b>Proper Shipping Name</b>	POTASSIUM NITRATE
<b>Hazard Class</b>	5.1
<b>Packing Group</b>	III

### TDG

<b>UN-No</b>	UN1486
<b>Proper Shipping Name</b>	POTASSIUM NITRATE
<b>Hazard Class</b>	5.1
<b>Packing Group</b>	III

### IATA

<b>UN-No</b>	UN1486
--------------	--------

<b>Proper Shipping Name</b>	POTASSIUM NITRATE
<b>Hazard Class</b>	5.1
<b>Packing Group</b>	III
<b>IMDG/IMO</b>	
<b>UN-No</b>	UN1486
<b>Proper Shipping Name</b>	POTASSIUM NITRATE
<b>Hazard Class</b>	5.1
<b>Packing Group</b>	III

## 15. Regulatory information

### United States of America Inventory

Component	CAS-No	TSCA	TSCA Inventory notification - Active/Inactive	TSCA - EPA Regulatory Flags
Potassium nitrate	7757-79-1	X	ACTIVE	-

#### Legend:

**TSCA** - Toxic Substances Control Act, (40 CFR Part 710)

X - Listed

'-' - Not Listed

**TSCA 12(b)** - Notices of Export          Not applicable

### International Inventories

Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Philippines (PICCS), Japan (ENCS), Australia (AICS), China (IECSC), Korea (ECL).

Component	CAS-No	DSL	NDSL	EINECS	PICCS	ENCS	AICS	IECSC	KECL
Potassium nitrate	7757-79-1	X	-	231-818-8	X	X	X	X	KE-29163

### U.S. Federal Regulations

#### SARA 313

Component	CAS-No	Weight %	SARA 313 - Threshold Values %
Potassium nitrate	7757-79-1	>95	1.0

**SARA 311/312 Hazard Categories**      See section 2 for more information

**CWA (Clean Water Act)**                  Not applicable

**Clean Air Act**                                Not applicable

**OSHA - Occupational Safety and Health Administration**      Not applicable

**CERCLA**                                        Not applicable

**California Proposition 65**                This product does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Potassium nitrate	X	X	X	X	X

### U.S. Department of Transportation

Reportable Quantity (RQ):                N

DOT Marine Pollutant                        N

DOT Severe Marine Pollutant                N

**U.S. Department of Homeland Security**

This product contains the following DHS chemicals:

**Legend** - STQs = Screening Threshold Quantities, APA = A placarded amount

Component	DHS Chemical Facility Anti-Terrorism Standard
Potassium nitrate	Theft STQs - 400lb

**Other International Regulations****Mexico - Grade** No information available**16. Other information****Prepared By**Health, Safety and Environmental Department  
Email: tech@alfa.com  
www.alfa.com**Creation Date**

05-Aug-2010

**Revision Date**

14-Feb-2020

**Print Date**

14-Feb-2020

**Revision Summary**

SDS authoring systems update, replaces ChemGes SDS No. 7757-79-1/1.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of SDS**



### Section 1. Identification

**Product identifier** : MONOPOTASSIUM PHOSPHATE  
**Product code** : Q00540

#### Relevant identified uses of the substance or mixture

##### Identified uses

Industrial applications

**Supplier's details** : QUADRA CHEMICALS LTD.  
3901 F.X Tessier  
Vaudreuil-Dorion, QC  
CANADA J7V 5V5  
1-800-665-6553

**Emergency telephone number (with hours of operation)** : TRANSPORTATION EMERGENCY - 24HRS/DAY - 7 DAYS/WEEK IN CANADA - CALL 1-888-922-3330

### Section 2. Hazard identification

**Classification of the substance or mixture** : Not classified.

#### GHS label elements

**Signal word** : No signal word.  
**Hazard statements** : No known significant effects or critical hazards.  
**Precautionary statements**  
**Prevention** : Not applicable.  
**Response** : Not applicable.  
**Storage** : Not applicable.  
**Disposal** : Not applicable.

### Section 3. Composition/information on ingredients

**Substance/mixture** : Substance

<b>Ingredient name</b>	<b>% (w/w)</b>	<b>CAS number</b>
potassium dihydrogenorthophosphate	99 - 100	7778-77-0

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First-aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- Ingestion** : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : No specific fire or explosion hazard.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
phosphorus oxides  
metal oxide/oxides

## Section 5. Fire-fighting measures

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8).
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
potassium dihydrogenorthophosphate	-

- Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

- Physical state** : Solid. [Crystals]
- Color** : White.
- Odor** : Odourless.
- Odor threshold** : Not available.
- pH** : 4.3 to 4.7 [Conc. (% w/w): 1%]
- Melting point** : 253°C (487.4°F)
- Boiling point** : >450°C (>842°F)
- Flash point** : Not available.
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.

## Section 9. Physical and chemical properties

<b>Lower and upper explosive (flammable) limits</b>	: Not available.
<b>Vapor pressure</b>	: Not available.
<b>Vapor density</b>	: Not available.
<b>Relative density</b>	: Not available.
<b>Density</b>	: 1.2 to 1.4 g/cm <sup>3</sup>
<b>Solubility</b>	: Soluble in the following materials: cold water.
<b>Dispersibility properties</b>	: Not available.
<b>Partition coefficient: n-octanol/water</b>	: Not available.
<b>Auto-ignition temperature</b>	: Not available.
<b>Decomposition temperature</b>	: Not available.
<b>Viscosity</b>	: Not available.
<b>Volatility</b>	: Not available.

## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: No specific data.
<b>Incompatible materials</b>	: moisture
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Not available.

#### Irritation/Corrosion

Not available.

#### Sensitization

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

Not available.

#### Reproductive toxicity

## Section 11. Toxicological information

Not available.

### Teratogenicity

Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Routes of entry anticipated: Oral, Inhalation.

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

### Potential chronic health effects

**General** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Not available.

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
potassium dihydrogenorthophosphate	Chronic NOEC 48 mg/l Marine water	Algae - Hormosira banksii - Gamete	72 hours

### Persistence and degradability

Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

Soil/water partition coefficient ( $K_{oc}$ ) : Not available.

Other adverse effects : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	TDG Classification
UN number	Not regulated.
UN proper shipping name	-
Transport hazard class(es)	-
Packing group	-
Additional information	Not available.

## Section 15. Regulatory information

**Canada inventory** : All components are listed or exempted.

## Section 16. Other information

### History

**Date of issue/Date of revision** : 7 November 2019

**Prepared by** : Regulatory Affairs

**Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
LogPow = logarithm of the octanol/water partition coefficient  
UN = United Nations  
HPR = Hazardous Products Regulations

### Procedure used to derive the classification

Classification	Justification
Not classified.	

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



### Section 1. Identification

**Product identifier** : SODA ASH DENSE  
**Product code** : Q00620

#### Relevant identified uses of the substance or mixture

##### Identified uses

Industrial applications

**Supplier's details** : QUADRA CHEMICALS LTD.  
 3901 F.X Tessier  
 Vaudreuil-Dorion, QC  
 CANADA J7V 5V5  
 1-800-665-6553

**Emergency telephone number (with hours of operation)** : **TRANSPORTATION EMERGENCY - 24HRS/DAY - 7 DAYS/WEEK IN CANADA - CALL 1-888-922-3330**

### Section 2. Hazard identification

**Classification of the substance or mixture** : EYE IRRITATION - Category 2A

#### GHS label elements

**Hazard pictograms** :



**Signal word** : Warning

**Hazard statements** : Causes serious eye irritation.

#### Precautionary statements

**Prevention** : Wear eye or face protection. Wash hands thoroughly after handling.

**Response** : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Storage** : Not applicable.

**Disposal** : Not applicable.

## Section 3. Composition/information on ingredients

**Substance/mixture** : Substance

Ingredient name	% (w/w)	CAS number
sodium carbonate	99 - 100	497-19-8

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First-aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing

## Section 4. First-aid measures

- Skin contact** : No specific data.  
**Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.  
**Specific treatments** : No specific treatment.  
**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.  
**Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : No specific fire or explosion hazard.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.  
**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

## Section 6. Accidental release measures

- Small spill** : Move containers from spill area. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
sodium carbonate	-

- Appropriate engineering controls** : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

## Section 8. Exposure controls/personal protection

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles. If operating conditions cause high dust concentrations to be produced, use dust goggles.
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

- Physical state** : Solid. [Powder.]
- Color** : White.
- Odor** : Odourless.
- Odor threshold** : Not available.
- pH** : 11.3 [Conc. (% w/w): 1%]
- Melting point** : 851°C (1563.8°F)
- Boiling point** : Not available.
- Flash point** : Not available.
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : Not available.
- Vapor pressure** : Not available.
- Vapor density** : Not available.
- Relative density** : 2.53 [@ 20°C]
- Density** : Not available.
- Solubility** : Soluble in the following materials: cold water.
- Dispersibility properties** : Not available.

## Section 9. Physical and chemical properties

<b>Partition coefficient: n-octanol/water</b>	: Not available.
<b>Auto-ignition temperature</b>	: Not available.
<b>Decomposition temperature</b>	: >400°C (>752°F)
<b>Viscosity</b>	: Not available.
<b>Volatility</b>	: Not available.

## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: No specific data.
<b>Incompatible materials</b>	: metals acids moisture
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
sodium carbonate	LD50 Oral	Rat	4090 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
sodium carbonate	Eyes - Mild irritant	Rabbit	-	0.5 minutes	-
	Eyes - Moderate irritant	Rabbit	-	100 milligrams	-
	Eyes - Severe irritant	Rabbit	-	24 hours 100 milligrams	-
	Skin - Mild irritant	Rabbit	-	50 milligrams	-
				24 hours 500 milligrams	-

#### Sensitization

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

## Section 11. Toxicological information

Not available.

### Reproductive toxicity

Not available.

### Teratogenicity

Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Routes of entry anticipated: Oral, Inhalation.

### Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing
- Skin contact** : No specific data.
- Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

#### Long term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

### Potential chronic health effects

- General** : Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.

### Numerical measures of toxicity

## Section 11. Toxicological information

### Acute toxicity estimates

Route	ATE value
Oral	4090.4 mg/kg

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
sodium carbonate	Acute EC50 242000 µg/l Fresh water	Algae - Navicula seminulum	96 hours
	Acute LC50 176000 µg/l Fresh water	Crustaceans - Amphipoda	48 hours
	Acute LC50 265000 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
SODA ASH DENSE	Acute LC50 300000 µg/l Fresh water	Fish - Lepomis macrochirus	96 hours
	Acute EC50 200 to 227 mg/l	Crustaceans - Ceriodaphnia dubia	48 hours
	Acute LC50 300 mg/l	Fish - Lepomis macrochirus	96 hours

### Persistence and degradability

Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

Soil/water partition coefficient ( $K_{oc}$ ) : Not available.

Other adverse effects : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.



## Section 14. Transport information

	<b>TDG Classification</b>
<b>UN number</b>	Not regulated.
<b>UN proper shipping name</b>	-
<b>Transport hazard class(es)</b>	-
<b>Packing group</b>	-
<b>Additional information</b>	Not available.

## Section 15. Regulatory information

**Canada inventory** : All components are listed or exempted.

## Section 16. Other information

### History

**Date of issue/Date of revision** : 7 November 2019

**Prepared by** : Regulatory Affairs

**Key to abbreviations** : ATE = Acute Toxicity Estimate  
 BCF = Bioconcentration Factor  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 LogPow = logarithm of the octanol/water partition coefficient  
 UN = United Nations  
 HPR = Hazardous Products Regulations

### Procedure used to derive the classification

<b>Classification</b>	<b>Justification</b>
EYE IRRITATION - Category 2A	Calculation method

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



## Section 1. Identification

**Product identifier** : PIX-312  
**Product code** : Q08434

Relevant identified uses of the substance or mixture

Identified uses
Industrial applications.

**Supplier's details** : QUADRA CHEMICALS LTD.  
 3901 F.X Tessier  
 Vaudreuil-Dorion, QC  
 CANADA J7V 5V5  
 1-800-665-6553

**Emergency telephone number (with hours of operation)** : **TRANSPORTATION EMERGENCY - 24HRS/DAY - 7 DAYS/WEEK IN CANADA - CALL 1-888-922-3330**

## Section 2. Hazard identification

**Classification of the substance or mixture** : CORROSIVE TO METALS - Category 1  
 ACUTE TOXICITY (oral) - Category 4  
 SKIN CORROSION - Category 1  
 SERIOUS EYE DAMAGE - Category 1  
 Health Hazards Not Otherwise Classified - Category 1

GHS label elements

**Hazard pictograms** : 

**Signal word** : Danger

**Hazard statements** : May be corrosive to metals.  
 Harmful if swallowed.  
 Causes severe skin burns and eye damage.  
 Causes respiratory tract burns.  
 Causes digestive tract burns.

Precautionary statements

**Prevention** : Wear protective gloves, protective clothing and eye or face protection. Keep only in original packaging. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

**Response** : Absorb spillage to prevent material damage. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor. IF SWALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Immediately call a POISON CENTER or doctor. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

## Section 2. Hazard identification

- Continue rinsing. Immediately call a POISON CENTER or doctor.
- Storage** : Store locked up. Store in a corrosion resistant container with a resistant inner liner.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** : Keep container tightly closed. Do not breathe vapor or spray. Do not taste or swallow. Use only with adequate ventilation. Wash thoroughly after handling.

## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

Ingredient name	% (w/w)	CAS number
diiron tris(sulphate)	30 - 60	10028-22-5

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First-aid measures

### Description of necessary first aid measures

- Eye contact** : Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
- Inhalation** : Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Get medical attention immediately. Call a poison center or physician. Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

## Section 4. First-aid measures

- Eye contact** : Causes serious eye damage.
- Inhalation** : Corrosive to the respiratory system.
- Skin contact** : Causes severe burns.
- Ingestion** : May cause burns to mouth, throat and stomach. Harmful if swallowed. Corrosive to the digestive tract. Causes burns.

### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain  
watering  
redness
- Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing
- Skin contact** : Adverse symptoms may include the following:  
pain or irritation  
redness  
blistering may occur
- Ingestion** : Adverse symptoms may include the following:  
stomach pains

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
sulfur oxides  
metal oxide/oxides

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

## Section 5. Fire-fighting measures

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

**Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Absorb spillage to prevent material damage. Dispose of via a licensed waste disposal contractor.

**Large spill** : Stop leak if without risk. Move containers from spill area. Absorb spillage to prevent material damage. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). The spilled material may be neutralized with sodium carbonate, sodium bicarbonate or sodium hydroxide. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

**Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from alkalis. Empty containers retain product residue and can be hazardous. Do not reuse container. Absorb spillage to prevent material damage.

**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

## Section 7. Handling and storage

**Conditions for safe storage, including any incompatibilities** : Store between the following temperatures: 0 to 30°C (32 to 86°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store in a corrosion resistant container with a resistant inner liner. Store locked up. Separate from alkalis. Keep away from metals. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
diiron tris(sulphate)	<b>ACGIH TLV (United States, 3/2020).</b> TWA: 1 mg/m <sup>3</sup> , (as Fe) 8 hours.

**Appropriate engineering controls** : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## Section 8. Exposure controls/personal protection

- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties and safety characteristics

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

- Physical state** : Liquid.
- Color** : Red./Brown. [Dark]
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : 1 to 2
- Melting point/freezing point** : -40°C (-40°F)
- Boiling point, initial boiling point, and boiling range** : 100 to 105°C (212 to 221°F)
- Flash point** : Not available.
- Evaporation rate** : Not available.
- Flammability** : Not available.
- Lower and upper explosion limit/flammability limit** : Not available.
- Vapor pressure** : Not available.
- Relative vapor density** : Not available.
- Relative density** : 1.51 to 1.58 [@ 20°C]
- Solubility** : Easily soluble in the following materials: cold water.
- Solubility in water** : Not available.
- Partition coefficient: n-octanol/water** : Not applicable.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : 315°C (599°F)
- Viscosity** : Dynamic: 30 mPa·s (30 cP)
- Flow time (ISO 2431)** : Not available.
- Particle characteristics**
- Median particle size** : Not applicable.

## Section 10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.



## Section 10. Stability and reactivity

**Conditions to avoid** : No specific data.

**Incompatible materials** : oxidizing materials  
metals  
alkalis

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
diiron tris(sulphate)	LD50 Oral	Rat - Female	500 mg/kg	-

#### Irritation/Corrosion

Not available.

#### Sensitization

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

Not available.

#### Reproductive toxicity

Not available.

#### Teratogenicity

Not available.

#### Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

Not available.

#### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Routes of entry anticipated: Oral, Inhalation.

#### Potential acute health effects

**Eye contact** : Causes serious eye damage.

**Inhalation** : Corrosive to the respiratory system.

**Skin contact** : Causes severe burns.

**Ingestion** : May cause burns to mouth, throat and stomach. Harmful if swallowed. Corrosive to the digestive tract. Causes burns.

## Section 11. Toxicological information

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:  
pain  
watering  
redness
- Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing
- Skin contact** : Adverse symptoms may include the following:  
pain or irritation  
redness  
blistering may occur
- Ingestion** : Adverse symptoms may include the following:  
stomach pains

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Potential chronic health effects

**General** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Route	ATE value
Oral	837.52 mg/kg

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
diiron tris(sulphate)	Acute EC50 120000 µg/l Fresh water	Crustaceans - Asellus aquaticus	48 hours
	Acute LC50 28 mg/l Fresh water	Fish - Salmo trutta - Fingerling	4 days

### Persistence and degradability

Not available.

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
diiron tris(sulphate)	-	20	low

## Section 12. Ecological information

### Mobility in soil


**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	<b>TDG Classification</b>
<b>UN number</b>	UN3264
<b>UN proper shipping name</b>	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (diiron tris(sulphate))
<b>Transport hazard class(es)</b>	8 
<b>Packing group</b>	III
<b>Additional information</b>	Not available.

**Transport in bulk according to IMO instruments** : Not available.

## Section 15. Regulatory information

**Canada inventory** : All components are listed or exempted.

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol

## Section 15. Regulatory information

Not listed.

### [Stockholm Convention on Persistent Organic Pollutants](#)

Not listed.

### [Rotterdam Convention on Prior Informed Consent \(PIC\)](#)

Not listed.

### [UNECE Aarhus Protocol on POPs and Heavy Metals](#)

Not listed.

## Section 16. Other information

### [History](#)

**Date of issue/Date of revision** : 17 January 2022

**Prepared by** : Regulatory Affairs

### [Key to abbreviations](#)

: ATE = Acute Toxicity Estimate  
 BCF = Bioconcentration Factor  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 LogPow = logarithm of the octanol/water partition coefficient  
 UN = United Nations  
 HPR = Hazardous Products Regulations  
 N/A = Not available

### [Procedure used to derive the classification](#)

Classification	Justification
CORROSIVE TO METALS - Category 1	Expert judgment
ACUTE TOXICITY (oral) - Category 4	Calculation method
SKIN CORROSION - Category 1	On basis of test data
SERIOUS EYE DAMAGE - Category 1	On basis of test data
Health Hazards Not Otherwise Classified - Category 1	On basis of test data

### [Notice to reader](#)

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Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

## SAFETY DATA SHEET

Revision Date 14-February-2020

Revision Number 2

### 1. Identification

**Product Name** Rhodanine  
**Cat No. :** A18293  
**CAS-No** 141-84-4  
**Synonyms** 2-Thioxo-4-thiazolidinone  
**Recommended Use** Laboratory chemicals.  
**Uses advised against** Food, drug, pesticide or biocidal product use.  
**Details of the supplier of the safety data sheet**

#### Company

**Importer/Distributor**  
Fisher Scientific  
112 Colonnade Road,  
Ottawa, ON K2E 7L6,  
Canada  
Tel: 1-800-234-7437

#### **Manufacturer**

Alfa Aesar  
Thermo Fisher Scientific Chemicals, Inc.  
30 Bond Street, Ward Hill, MA 01835-8099  
**Tel:** 800-343-0660 **Fax:** 800-322-4757  
**Email:** tech@alfa.com  
**www.alfa.com**

#### **Emergency Telephone Number**

During normal business hours (Monday-Friday, 8am-7pm EST), call (800) 343-0660.  
After normal business hours, call Carechem 24 at (800) 579-7421.

### 2. Hazard(s) identification

#### Classification

**WHMIS 2015 Classification** Classified as hazardous under the Hazardous Products Regulations (SOR/2015-17)

<b>Acute oral toxicity</b>	Category 4
<b>Serious Eye Damage/Eye Irritation</b>	Category 2

#### Label Elements

#### **Signal Word**

Warning

#### **Hazard Statements**

Harmful if swallowed  
Causes serious eye irritation

**Precautionary Statements****Manufacturer**

Alfa Aesar  
 Thermo Fisher Scientific Chemicals, Inc.  
 30 Bond Street, Ward Hill, MA 01835-8099  
**Tel:** 800-343-0660 **Fax:** 800-322-4757  
**Email:** tech@alfa.com  
**www.alfa.com**

**Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Do not eat, drink or smoke when using this product  
 Wear eye/face protection

**Response**

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Rinse mouth  
 If eye irritation persists: Get medical advice/attention

**Disposal**

Dispose of contents/container to an approved waste disposal plant

### 3. Composition/Information on Ingredients

Component	CAS-No	Weight %
Rhodanine	141-84-4	99

### 4. First-aid measures

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention.
<b>Inhalation</b>	Remove to fresh air. If breathing is difficult, give oxygen. Get medical attention.
<b>Ingestion</b>	Do NOT induce vomiting. Call a physician or poison control center immediately.
<b>Most important symptoms/effects</b>	No information available.
<b>Notes to Physician</b>	Treat symptomatically

### 5. Fire-fighting measures

<b>Suitable Extinguishing Media</b>	Water spray. Carbon dioxide (CO <sub>2</sub> ). Dry chemical. Alcohol resistant foam.
<b>Unsuitable Extinguishing Media</b>	No information available
<b>Flash Point</b>	No information available
<b>Method -</b>	No information available
<b>Autoignition Temperature</b>	

**Explosion Limits**

<b>Upper</b>	No data available
<b>Lower</b>	No data available
<b>Sensitivity to Mechanical Impact</b>	No information available
<b>Sensitivity to Static Discharge</b>	No information available

**Specific Hazards Arising from the Chemical**

Keep product and empty container away from heat and sources of ignition.

**Hazardous Combustion Products**

Thermal decomposition can lead to release of irritating gases and vapors. Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Sulfur oxides. Nitrogen oxides (NO<sub>x</sub>).

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Thermal decomposition can lead to release of irritating gases and vapors.

**NFPA**

<b>Health</b>	<b>Flammability</b>	<b>Instability</b>	<b>Physical hazards</b>
2	1	0	N/A

**6. Accidental release measures****Personal Precautions**

Use personal protective equipment as required. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak. Avoid dust formation.

**Environmental Precautions**

See Section 12 for additional Ecological Information.

**Methods for Containment and Clean Up** Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

**7. Handling and storage****Handling**

Avoid contact with skin and eyes. Avoid contact with skin and clothing. Avoid breathing vapors or mists. Do not ingest. If swallowed then seek immediate medical assistance. Ensure adequate ventilation. Wear personal protective equipment/face protection.

**Storage**

Keep in a dry, cool and well-ventilated place. Keep container tightly closed.

**8. Exposure controls / personal protection****Exposure Guidelines**

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Engineering Measures**

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

Wherever possible, engineering control measures such as the isolation or enclosure of the process, the introduction of process or equipment changes to minimise release or contact, and the use of properly designed ventilation systems, should be adopted to control hazardous materials at source

**Personal protective equipment**

<b>Eye Protection</b>	Wear safety glasses with side shields (or goggles) Goggles
<b>Hand Protection</b>	Protective gloves

Glove material	Breakthrough time	Glove thickness	Glove comments
Nitrile rubber	See manufacturers recommendations		Splash protection only
Neoprene			
Natural rubber			

PVC

-

Inspect gloves before use. observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. (Refer to manufacturer/supplier for information) gloves are suitable for the task: Chemical compatability, Dexterity, Operational conditions, User susceptibility, e.g. sensitisation effects, also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. gloves with care avoiding skin contamination.

#### Respiratory Protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

#### Environmental exposure controls

No information available.

#### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash hands before breaks and after work.

## 9. Physical and chemical properties

Physical State	Powder Solid
Appearance	Light yellow
Odor	Odorless
Odor Threshold	No information available
pH	No information available
Melting Point/Range	167 - 170 °C / 332.6 - 338 °F
Boiling Point/Range	No information available
Flash Point	No information available
Evaporation Rate	Not applicable
Flammability (solid,gas)	No information available
Flammability or explosive limits	
Upper	No data available
Lower	No data available
Vapor Pressure	No information available
Vapor Density	Not applicable
Specific Gravity	0.868
Solubility	No information available
Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	
Decomposition Temperature	No information available
Viscosity	Not applicable
Molecular Formula	C3 H3 N O S2
Molecular Weight	133.18

## 10. Stability and reactivity

Reactive Hazard	None known, based on information available
Stability	Stable under normal conditions.
Conditions to Avoid	Incompatible products.
Incompatible Materials	Strong oxidizing agents, Strong bases, Oxidizing agent

**Hazardous Decomposition Products** Thermal decomposition can lead to release of irritating gases and vapors, Carbon



monoxide (CO), Carbon dioxide (CO<sub>2</sub>), Sulfur oxides, Nitrogen oxides (NO<sub>x</sub>)

**Hazardous Polymerization** Hazardous polymerization does not occur.

**Hazardous Reactions** None under normal processing.

## 11. Toxicological information

### Acute Toxicity

#### Product Information

#### Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Rhodanine	LD50 = 320 mg/kg ( Rat )	Not listed	Not listed

**Toxicologically Synergistic Products** No information available

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Irritation** Severe eye irritant

**Sensitization** No information available

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
Rhodanine	141-84-4	Not listed	Not listed	Not listed	Not listed	Not listed

**Mutagenic Effects** No information available

**Reproductive Effects** No information available.

**Developmental Effects** No information available.

**Teratogenicity** No information available.

**STOT - single exposure** None known

**STOT - repeated exposure** None known

**Aspiration hazard** No information available

**Symptoms / effects, both acute and delayed** No information available

**Endocrine Disruptor Information** No information available

**Other Adverse Effects** The toxicological properties have not been fully investigated.

## 12. Ecological information

### Ecotoxicity

Do not empty into drains.

**Persistence and Degradability** Soluble in water Persistence is unlikely based on information available.

**Bioaccumulation/ Accumulation** No information available.

**Mobility** Will likely be mobile in the environment due to its water solubility.

## 13. Disposal considerations

**Waste Disposal Methods** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and

national hazardous waste regulations to ensure complete and accurate classification.

## 14. Transport information

<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated

## 15. Regulatory information

### International Inventories

Component	DSL	NDSL	TSCA	EINECS	ELINCS	PICCS	ENCS	AICS	KECL	IECSC
Rhodanine	X	-	X	205-505-1	-	X	X	X	-	X

### Legend

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**ENCS** - Japanese Existing and New Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**IECSC** - Chinese Inventory of Existing Chemical Substances

### Canada

SDS in compliance with provisions of information as set out in Canadian Standard - Part 4, Schedule 1 and 2 of the Hazardous Products Regulations (HPR) and meets the requirements of the HPR (Paragraph 13(1)(a) of the Hazardous Products Act (HPA)).

## 16. Other information

<b>Prepared By</b>	Product Safety Department Email: tech@alfa.com www.alfa.com
<b>Revision Date</b>	14-February-2020
<b>Print Date</b>	14-February-2020
<b>Revision Summary</b>	Mise à jour des systèmes de création SDS, remplace ChemGes SDS No. 141-84-4/2.

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of SDS**

## Safety Data Sheet

### SECTION 1: Identification

#### 1.1. Product Identifier

**Trade Name or Designation:** VeriSpec™ Calcium Standard for ICP/MS 10 ppm in 2% HNO<sub>3</sub>  
 Manufactured and Tested in an ISO 17025/Guide 34 Accredited Facility

**Product Number:** RV010578

**Other Identifying Product Numbers:** RV010578-100N, RV010578-50N

#### 1.2. Recommended Use and Restrictions on Use

Calibration Standard

#### 1.3. Details of the Supplier of the Safety Data Sheet

**Company:** Ricca Chemical Company

**Address:** 448 West Fork Drive  
 Arlington, TX 76012 USA

**Telephone:** 888-467-4222

#### 1.4. Emergency Telephone Number (24 hr)

CHEMTREC (USA) 800-424-9300  
 CHEMTREC (International) 1+ 703-527-3887

### SECTION 2: Hazard(s) Identification

#### 2.1. Classification of the Substance or Mixture (in accordance with OSHA HCS 29 CFR 1910.1200)

*For the full text of the Hazard and Precautionary Statements listed below, see Section 16.*

Hazard Class	Category	Hazard	
		Statement	Precautionary Statements
Skin Corrosion / Irritation	Category 2	H315	P264, P280, P302+P352, P321, P332+P313, P362
Eye Damage / Irritation	Category 2A	H319	P264, P280, P305+P351+P338, P337+P313

#### 2.2. GHS Label Elements

**Pictograms:**



**Signal Word:** **Warning**



## Safety Data Sheet

### Hazard Statements:

Hazard Number	Hazard Statement
H315	Causes skin irritation.
H319	Causes serious eye irritation.

### Precautionary Statements:

Precautionary Number	Precautionary Statement
P264	Wash arms, hands and face thoroughly after handling.
P280	Wear protective gloves and eye protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment (Wash areas of contact with water immediately).
P332+P313	If skin irritation occurs: Get medical attention.
P337+P313	If eye irritation persists: Get medical attention.
P362	Take off contaminated clothing and wash it before reuse.

### 2.3. WHMIS Classification

WHMIS classification is not included based on the recommended option (Option 4) found in the Canada Gazette Part II, Vol. 149, No.3, page 458

### 2.4. Hazards not Otherwise Classified or Covered by GHS

Data not available.

## SECTION 3: Composition / Information on Ingredients

### 3.1. Components of Substance or Mixture

Chemical Name	Formula	Molecular Weight	CAS Number	Weight%
Water	H <sub>2</sub> O	18.01 g/mol	7732-18-5	98.00%
Nitric Acid	HNO <sub>3</sub>	63.01 g/mol	7697-37-2	2.00%
Calcium nitrate	CaN <sub>2</sub> O <sub>6</sub>	164.08 g/mol	10124-37-5	0.00%

## SECTION 4: First-Aid Measures

### 4.1. General First Aid Information

**Eye Contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Inhalation:** Not expected to require first aid. If necessary, remove to fresh air.

**Skin Contact:** IF ON SKIN: Wash with plenty of soap and water.

## Safety Data Sheet

**Ingestion:** No action required to be taken. If necessary, dilute with water.

### 4.2. Most Important Symptoms and Effects, Acute and Delayed

May cause mild irritation to areas of contact.

### 4.3. Medical Attention or Special Treatment Needed

Specific treatment (Wash areas of contact with water immediately).

## SECTION 5: Fire-Fighting Measures

### 5.1. Extinguishing Media

Not considered to be a fire or explosion hazard.

### 5.2. Specific Hazards Arising from the Substance or Mixture

Not considered to be a fire or explosion hazard.

### 5.3. Special Protective Equipment for Firefighters

Wear protective clothing and NIOSH-approved breathing equipment appropriate for the surrounding fire.

## SECTION 6: Accidental Release Measures

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Wear protective gloves and eye protection.

### 6.2. Cleanup and Containment Methods and Materials

Absorb with suitable material and dispose of in accordance with local regulations.

## SECTION 7: Handling and Storage

### 7.1. Precautions for Safe Handling and Storage Conditions

Protect from freezing and physical damage.

## SECTION 8: Exposure Controls / Personal Protection

### 8.1. Control Parameters

Chemical Name	Limit Type	Country	Exposure Limit	Information Source
Nitric Acid (7697-37-2)	TWA	USA	2 ppm TWA 5 mg/m <sup>3</sup> TWA	U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)
Nitric Acid (7697-37-2)	TLV-STEL	USA	4 ppm STEL	ACGIH - Threshold Limit Values - Short Term Exposure Limits (TLV-STEL)
Nitric Acid (7697-37-2)	TLV-TWA	USA	2 ppm TWA	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)

### 8.2. Exposure Controls

**Engineering Controls:** No specific controls are needed. Normal room ventilation is adequate.



## Safety Data Sheet

**Respiratory Protection:** No specific controls are needed. Normal room ventilation is adequate

**Skin Protection:** Wear protective gloves and eye protection.

**Eye Protection:** Wear protective gloves and eye protection.

### 8.3. Personal Protective Equipment

Wear protective gloves and eye protection.

## SECTION 9: Physical and Chemical Properties

### 9.1. Basic Physical and Chemical Properties

**Appearance:** Data not available.

**Physical State:** Liquid

**Odor:** Data not available.

**Odor Threshold:** Data not available.

**pH:** Data not available.

**Melting/Freezing Point:** Data not available.

**Initial Boiling Point /Range:** Data not available.

**Flash Point:** Data not available.

**Evaporation Rate:** Data not available.

**Flammability:** Data not available.

**Flammability/Explosive Limits:** Data not available.

**Vapor Pressure:** Data not available.

**Vapor Density:** Data not available.

**Relative Density:** 1.00

**Solubility:** Data not available.

**Partition Coefficient (n-Octanol/Water):** Data not available.

**Auto-Ignition Temperature:** Data not available.

**Decomposition Temperature:** Data not available.

**Viscosity:** Data not available.

**Explosive Properties:** Data not available.

**Oxidizing Properties:** Data not available.

## SECTION 10: Stability and Reactivity

### 10.1. Reactivity and Chemical Stability

Stable under normal conditions of use and storage.



## Safety Data Sheet

### 10.2. Possibility of Hazardous Reactions

Data not available.

### 10.3. Conditions to Avoid and Incompatible Materials

Protect from freezing and physical damage.

### 10.4. Hazardous Decomposition Products

May emit irritating fumes when heated to decomposition.

## SECTION 11: Toxicological Information

### 11.1. Information on Toxicological Effects

#### Acute Toxicity - Oral Exposure:

Not applicable.

#### Acute Toxicity - Dermal Exposure:

Not applicable.

#### Acute Toxicity - Inhalation Exposure:

Not applicable.

#### Acute Toxicity - Other Information:

Data not available.

#### Skin Corrosion and Irritation:

Causes skin irritation. Wash arms, hands and face thoroughly after handling. Wear protective gloves and eye protection. IF ON SKIN: Wash with plenty of soap and water. Specific treatment (Wash areas of contact with water immediately). If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

#### Serious Eye Damage and Irritation:

Causes serious eye irritation. Wash arms, hands and face thoroughly after handling. Wear protective gloves and eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

#### Respiratory Sensitization:

Not applicable.

#### Skin Sensitization:

Not applicable.

#### Germ Cell Mutagenicity:

Not applicable.

#### Carcinogenicity:

Not applicable.

#### Reproductive Toxicity:

Not applicable.

## Safety Data Sheet

**Specific Target Organ Toxicity from Single Exposure:**

Not applicable.

**Specific Target Organ Toxicity from Repeated Exposure:**

Not applicable.

**Aspiration Hazard:**

Not applicable.

**Additional Toxicology Information:**

Data not available.

### SECTION 12: Ecological Information

**12.1. Ecotoxicity**

Not applicable.

**12.2. Persistence and Degradability**

Data not available.

**12.3. Bioaccumulative Potential**

Data not available.

**12.4. Mobility in Soil**

Data not available.

**12.5. Other Adverse Ecological Effects**

Data not available.

### SECTION 13: Disposal Considerations

**13.1. Waste Treatment Methods**

Data not available.



## Safety Data Sheet

### SECTION 14: Transportation Information

#### 14.1. Transportation by Land - Department of Transportation (DOT, United States of America)

Not regulated according to DOT Regulations.

Not regulated according to IATA Regulations.

### SECTION 15: Regulatory Information

#### 15.1. Occupational Safety and Health Administration (OSHA) Hazards

Not listed.

#### 15.2. Superfund Amendments and Reauthorization Act (SARA) 302 Extremely Hazardous Substances

Nitric Acid (CAS # 7697-37-2): 1000 lb EPCRA RQ

Nitric Acid (CAS # 7697-37-2): 1000 lb TPQ

#### 15.3. Superfund Amendments and Reauthorization Act (SARA) 311/312 Hazardous Chemicals

Nitric Acid (CAS # 7697-37-2): 1000 lb final RQ; 454 kg final RQ

#### 15.4. Superfund Amendments and Reauthorization Act (SARA) 313 Toxic Release Inventory (TRI)

Calcium nitrate (CAS # 10124-37-5): 1.0 % de minimis concentration (reportable only when in aqueous solution, Chemical Category N511)

Nitric Acid (CAS # 7697-37-2): 1.0 % de minimis concentration

## Safety Data Sheet

### 15.5. Massachusetts Right-to-Know Substance List

Nitric Acid (CAS # 7697-37-2): Extraordinarily hazardous

### 15.6. Pennsylvania Right-to-Know Hazardous Substances

Nitric Acid (CAS # 7697-37-2): Environmental hazard

Nitric Acid (CAS # 7697-37-2): Present

Water (CAS # 7732-18-5): Present

### 15.7. New Jersey Worker and Community Right-to-Know Components

Calcium nitrate (CAS # 10124-37-5): sn 0324

Calcium nitrate (CAS # 10124-37-5): sn 3722

Calcium nitrate (CAS # 10124-37-5): SN 3722 500 lb TPQ (water dissociable, Category Code N511)

Nitric Acid (CAS # 7697-37-2): corrosive; reactive - second degree

Nitric Acid (CAS # 7697-37-2): sn 1356

Nitric Acid (CAS # 7697-37-2): SN 1356 500 lb TPQ

Nitric Acid (CAS # 7697-37-2): sn 3722

Nitric Acid (CAS # 7697-37-2): SN 3722 500 lb TPQ (water dissociable, Category Code N511)

### 15.8. California Proposition 65

Not listed.

### 15.9. Canada Domestic Substances List / Non-Domestic Substances List (DSL/NDSL)

Calcium nitrate (CAS # 10124-37-5): Present (DSL)

Nitric Acid (CAS # 7697-37-2): Present (DSL)

Water (CAS # 7732-18-5): Present (DSL)

### 15.10. United States of America Toxic Substances Control Act (TSCA) List

Calcium nitrate (CAS # 10124-37-5): Present

Nitric Acid (CAS # 7697-37-2): Present

Water (CAS # 7732-18-5): Present

### 15.11. European Inventory of Existing Commercial Chemical Substances (EINECS), European List of Notified Chemical Substances (ELINCS), and No Longer Polymers (NLP)

Not listed.

## Safety Data Sheet

### SECTION 16: Other Information

#### 16.1. Full Text of Hazard Statements and Precautionary Statements

Causes skin irritation. Causes serious eye irritation.

Wash arms, hands and face thoroughly after handling. Wear protective gloves and eye protection.

IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment (Wash areas of contact with water immediately). If skin irritation occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing and wash it before reuse.

#### 16.2. Miscellaneous Hazard Classes

**Canadian Carcinogenicity Hazard Class:** Not Applicable.

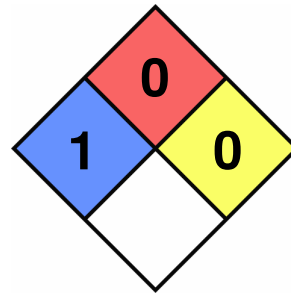
**Physical Hazards Not Otherwise Classified (PHNOC):** Not Applicable.

**Health Hazards Not Otherwise Classified (HHNOC):** Not Applicable.

**Biohazardous Infectious Materials Hazard Class:** Not Applicable.

#### 16.3. National Fire Protection Association (NFPA) Rating

**Health:** 1  
**Flammability:** 0  
**Reactivity:** 0  
**Special Hazard:**



## Safety Data Sheet

### 16.4. Document Revision

**Last Revision Date:** 9/7/2016

### DISCLAIMER

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration of its characteristics by concentration, evaporation, addition of other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and RICCA CHEMICAL COMPANY assumes no legal responsibility or liability whatsoever resulting from its use.

## Safety Data Sheet

### SECTION 1: Identification

#### 1.1. Product Identifier

**Trade Name or Designation:** VeriSpec™ Copper Standard for ICP 1000 ppm in 2% HNO<sub>3</sub>  
 Manufactured and Tested in an ISO 17025/Guide 34 Accredited Facility

**Product Number:** RV010275

**Other Identifying Product Numbers:** RV010275-100N, RV010275-250N, RV010275-30N, RV010275-500N, RV010275-50N

#### 1.2. Recommended Use and Restrictions on Use

Calibration Standard

#### 1.3. Details of the Supplier of the Safety Data Sheet

**Company:** Ricca Chemical Company

**Address:** 448 West Fork Drive  
 Arlington, TX 76012 USA

**Telephone:** 888-467-4222

#### 1.4. Emergency Telephone Number (24 hr)

CHEMTREC (USA) 800-424-9300  
 CHEMTREC (International) 1+ 703-527-3887

### SECTION 2: Hazard(s) Identification

#### 2.1. Classification of the Substance or Mixture (in accordance with OSHA HCS 29 CFR 1910.1200)

*For the full text of the Hazard and Precautionary Statements listed below, see Section 16.*

Hazard Class	Category	Hazard	
		Statement	Precautionary Statements
Skin Corrosion / Irritation	Category 2	H315	P264, P280, P302+P352, P321, P332+P313, P362
Eye Damage / Irritation	Category 2A	H319	P264, P280, P305+P351+P338, P337+P313
Hazardous to the Aquatic Environment (Acute)	Category 2	H401	P273, P501
Hazardous to the Aquatic Environment (Chronic)	Category 2	H401	P273, P501

#### 2.2. GHS Label Elements

**Pictograms:**



## Safety Data Sheet

Signal Word: **Warning**

### Hazard Statements:

Hazard Number	Hazard Statement
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H401	Toxic to aquatic life.

### Precautionary Statements:

Precautionary Number	Precautionary Statement
P264	Wash arms, hands and face thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves and eye protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to d Continue rinsing.
P321	Specific treatment (Wash areas of contact with water immediately).
P332+P313	If skin irritation occurs: Get medical attention.
P337+P313	If eye irritation persists: Get medical attention.
P362	Take off contaminated clothing and wash it before reuse.
P501	Dispose of contents in accordance with local, state, federal and international regulations.

### 2.3. WHMIS Classification

WHMIS classification is not included based on the recommended option (Option 4) found in the Canada Gazette Part II, Vol. 149, No.3, page 458

### 2.4. Hazards not Otherwise Classified or Covered by GHS

Data not available.

## SECTION 3: Composition / Information on Ingredients

### 3.1. Components of Substance or Mixture

Chemical Name	Formula	Molecular Weight	CAS Number	Weight%
Water	H <sub>2</sub> O	18.01 g/mol	7732-18-5	97.70%
Nitric Acid	HNO <sub>3</sub>	63.01 g/mol	7697-37-2	2.00%
Cupric Nitrate	Cu(NO <sub>3</sub> ) <sub>2</sub> ·xH <sub>2</sub> O	251.10 g/mol	3251-23-8	0.30%

## Safety Data Sheet

### SECTION 4: First-Aid Measures

#### 4.1. General First Aid Information

**Eye Contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Inhalation:** Not expected to require first aid. If necessary, remove to fresh air.

**Skin Contact:** IF ON SKIN: Wash with plenty of soap and water.

**Ingestion:** No action required to be taken. If necessary, dilute with water.

#### 4.2. Most Important Symptoms and Effects, Acute and Delayed

May cause mild irritation to areas of contact.

#### 4.3. Medical Attention or Special Treatment Needed

Specific treatment (Wash areas of contact with water immediately).

### SECTION 5: Fire-Fighting Measures

#### 5.1. Extinguishing Media

Not considered to be a fire or explosion hazard.

#### 5.2. Specific Hazards Arising from the Substance or Mixture

Not considered to be a fire or explosion hazard.

#### 5.3. Special Protective Equipment for Firefighters

Wear protective clothing and NIOSH-approved breathing equipment appropriate for the surrounding fire.

### SECTION 6: Accidental Release Measures

#### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Wear protective gloves and eye protection.

#### 6.2. Cleanup and Containment Methods and Materials

Absorb with suitable material and dispose of in accordance with local regulations.

### SECTION 7: Handling and Storage

#### 7.1. Precautions for Safe Handling and Storage Conditions

Protect from freezing and physical damage.

## Safety Data Sheet

### SECTION 8: Exposure Controls / Personal Protection

#### 8.1. Control Parameters

Chemical Name	Limit Type	Country	Exposure Limit	Information Source
Cupric Nitrate (3251-23-8)	TLV-TWA	USA	1 mg/m <sup>3</sup> TWA (dust and mist, as Cu)	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Nitric Acid (7697-37-2)	TWA	USA	2 ppm TWA 5 mg/m <sup>3</sup> TWA	U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)
Nitric Acid (7697-37-2)	TLV-STEL	USA	4 ppm STEL	ACGIH - Threshold Limit Values - Short Term Exposure Limits (TLV-STEL)
Nitric Acid (7697-37-2)	TLV-TWA	USA	2 ppm TWA	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)

#### 8.2. Exposure Controls

**Engineering Controls:** No specific controls are needed. Normal room ventilation is adequate.

**Respiratory Protection:** No specific controls are needed. Normal room ventilation is adequate.

**Skin Protection:** Wear protective gloves and eye protection.

**Eye Protection:** Wear protective gloves and eye protection.

#### 8.3. Personal Protective Equipment

Wear protective gloves and eye protection.





## Safety Data Sheet

### SECTION 9: Physical and Chemical Properties

#### 9.1. Basic Physical and Chemical Properties

**Appearance:** Data not available.

**Physical State:** Liquid

**Odor:** Data not available.

**Odor Threshold:** Data not available.

**pH:** Data not available.

**Melting/Freezing Point:** Data not available.

**Initial Boiling Point /Range:** Data not available.

**Flash Point:** Data not available.

**Evaporation Rate:** Data not available.

**Flammability:** Data not available.

**Flammability/Explosive Limits:** Data not available.

**Vapor Pressure:** Data not available.

**Vapor Density:** Data not available.

**Relative Density:** 1.00

**Solubility:** Data not available.

**Partition Coefficient (n-Octanol/Water):** Data not available.

**Auto-Ignition Temperature:** Data not available.

**Decomposition Temperature:** Data not available.

**Viscosity:** Data not available.

**Explosive Properties:** Data not available.

**Oxidizing Properties:** Data not available.

### SECTION 10: Stability and Reactivity

#### 10.1. Reactivity and Chemical Stability

Stable under normal conditions of use and storage.

#### 10.2. Possibility of Hazardous Reactions

Data not available.

#### 10.3. Conditions to Avoid and Incompatible Materials

Protect from freezing and physical damage.

#### 10.4. Hazardous Decomposition Products

May emit irritating fumes when heated to decomposition.



## Safety Data Sheet

### SECTION 11: Toxicological Information

#### 11.1. Information on Toxicological Effects

**Acute Toxicity - Oral Exposure:**

Not applicable.

**Acute Toxicity - Dermal Exposure:**

Not applicable.

**Acute Toxicity - Inhalation Exposure:**

Not applicable.

**Acute Toxicity - Other Information:**

Data not available.

**Skin Corrosion and Irritation:**

Causes skin irritation. Wash arms, hands and face thoroughly after handling. Wear protective gloves and eye protection. IF ON SKIN: Wash with plenty of soap and water. Specific treatment (Wash areas of contact with water immediately). If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

**Serious Eye Damage and Irritation:**

Causes serious eye irritation. Wash arms, hands and face thoroughly after handling. Wear protective gloves and eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Respiratory Sensitization:**

Not applicable.

**Skin Sensitization:**

Not applicable.

**Germ Cell Mutagenicity:**

Not applicable.

**Carcinogenicity:**

Not applicable.

**Reproductive Toxicity:**

Not applicable.

**Specific Target Organ Toxicity from Single Exposure:**

Not applicable.

**Specific Target Organ Toxicity from Repeated Exposure:**

Not applicable.

**Aspiration Hazard:**

Not applicable.



## Safety Data Sheet

### Additional Toxicology Information:

Data not available.

## SECTION 12: Ecological Information

### 12.1. Ecotoxicity

Toxic to aquatic life. Avoid release to the environment. Dispose of contents in accordance with local, state, federal and international regulations. Toxic to aquatic life. Avoid release to the environment. Dispose of contents in accordance with local, state, federal and international regulations.

### 12.2. Persistence and Degradability

Data not available.

### 12.3. Bioaccumulative Potential

Data not available.

### 12.4. Mobility in Soil

Data not available.

### 12.5. Other Adverse Ecological Effects

Data not available.

## SECTION 13: Disposal Considerations

### 13.1. Waste Treatment Methods

Data not available.

## SECTION 14: Transportation Information

### 14.1. Transportation by Land - Department of Transportation (DOT, United States of America)

Not regulated according to DOT Regulations.



## Safety Data Sheet

Not regulated according to IATA Regulations.

### SECTION 15: Regulatory Information

#### 15.1. Occupational Safety and Health Administration (OSHA) Hazards

Not listed.

#### 15.2. Superfund Amendments and Reauthorization Act (SARA) 302 Extremely Hazardous Substances

Nitric Acid (CAS # 7697-37-2): 1000 lb EPCRA RQ

Nitric Acid (CAS # 7697-37-2): 1000 lb TPQ

#### 15.3. Superfund Amendments and Reauthorization Act (SARA) 311/312 Hazardous Chemicals

Cupric Nitrate (CAS # 3251-23-8): 100 lb final RQ; 45.4 kg final RQ

Nitric Acid (CAS # 7697-37-2): 1000 lb final RQ; 454 kg final RQ

#### 15.4. Superfund Amendments and Reauthorization Act (SARA) 313 Toxic Release Inventory (TRI)

Cupric Nitrate (CAS # 3251-23-8): 1.0 % de minimis concentration (This category does not include CAS numbers 147-14-8, 1328-53-6, or 14302-13-7, or copper phthalocyanine compounds that are substituted with only hydrogen and/or chlorine and/or bromine., listed under Chemical Category N100)

Nitric Acid (CAS # 7697-37-2): 1.0 % de minimis concentration

#### 15.5. Massachusetts Right-to-Know Substance List

Cupric Nitrate (CAS # 3251-23-8): Present

Nitric Acid (CAS # 7697-37-2): Extraordinarily hazardous

#### 15.6. Pennsylvania Right-to-Know Hazardous Substances

Cupric Nitrate (CAS # 3251-23-8): Environmental hazard

Cupric Nitrate (CAS # 3251-23-8): Present

Nitric Acid (CAS # 7697-37-2): Environmental hazard

Nitric Acid (CAS # 7697-37-2): Present

Water (CAS # 7732-18-5): Present

## Safety Data Sheet

### 15.7. New Jersey Worker and Community Right-to-Know Components

Cupric Nitrate (CAS # 3251-23-8): sn 0547

Cupric Nitrate (CAS # 3251-23-8): sn 2215

Cupric Nitrate (CAS # 3251-23-8): SN 2215 500 lb TPQ (except C.I. Pigment Blue 15, C.I. Pigment Green 7, and C.I. Pigment Green 36, Category Code N100)

Cupric Nitrate (CAS # 3251-23-8): sn 3722

Cupric Nitrate (CAS # 3251-23-8): SN 3722 500 lb TPQ (water dissociable, Category Code N511)

Nitric Acid (CAS # 7697-37-2): corrosive; reactive - second degree

Nitric Acid (CAS # 7697-37-2): sn 1356

Nitric Acid (CAS # 7697-37-2): SN 1356 500 lb TPQ

Nitric Acid (CAS # 7697-37-2): sn 3722

Nitric Acid (CAS # 7697-37-2): SN 3722 500 lb TPQ (water dissociable, Category Code N511)

### 15.8. California Proposition 65

Not listed.

### 15.9. Canada Domestic Substances List / Non-Domestic Substances List (DSL/NDSL)

Cupric Nitrate (CAS # 3251-23-8): Present (DSL)

Nitric Acid (CAS # 7697-37-2): Present (DSL)

Water (CAS # 7732-18-5): Present (DSL)

### 15.10. United States of America Toxic Substances Control Act (TSCA) List

Cupric Nitrate (CAS # 3251-23-8): Present

Nitric Acid (CAS # 7697-37-2): Present

Water (CAS # 7732-18-5): Present

### 15.11. European Inventory of Existing Commercial Chemical Substances (EINECS), European List of Notified Chemical Substances (ELINCS), and No Longer Polymers (NLP)

Not listed.

## SECTION 16: Other Information

### 16.1. Full Text of Hazard Statements and Precautionary Statements

Causes skin irritation. Causes serious eye irritation. Toxic to aquatic life.

Wash arms, hands and face thoroughly after handling. Avoid release to the environment. Wear protective gloves and eye protection.

IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment (Wash areas of contact with water immediately). If skin irritation occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing and wash it before reuse.

Dispose of contents in accordance with local, state, federal and international regulations.

## Safety Data Sheet

### 16.2. Miscellaneous Hazard Classes

**Canadian Carcinogenicity Hazard Class:** Not Applicable.

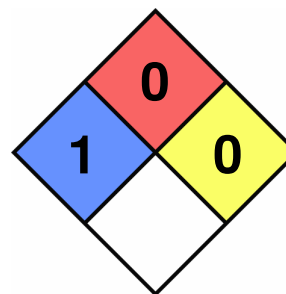
**Physical Hazards Not Otherwise Classified (PHNOC):** Not Applicable.

**Health Hazards Not Otherwise Classified (HHNOC):** Not Applicable.

**Biohazardous Infectious Materials Hazard Class:** Not Applicable.

### 16.3. National Fire Protection Association (NFPA) Rating

**Health:** 1  
**Flammability:** 0  
**Reactivity:** 0  
**Special Hazard:**



## Safety Data Sheet

### 16.4. Document Revision

**Last Revision Date:** 9/7/2016

### DISCLAIMER

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration of its characteristics by concentration, evaporation, addition of other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and RICCA CHEMICAL COMPANY assumes no legal responsibility or liability whatsoever resulting from its use.



SDS No. M0081

## SAFETY DATA SHEET

Effective Date: 02/12/2015

### 1. IDENTIFICATION

(a) Product identifier used on the label FIBERFRAX® FIBERSIL™ CLOTH

(b) Other means of identification

(c) Recommended use of the chemical and restrictions on use

- **Primary Use:** Refractory Ceramic Fiber (RCF) materials are used primarily in industrial high temperature insulating applications. Examples include heat shields, heat containment, gaskets, expansion joints, industrial furnaces, ovens, kilns, boilers and other process equipment at applications up to 1400°C. RCF based products are not intended for direct sale to the general public. While RCFs are used in the manufacture of some consumer products, such as catalytic converter mats and wood burning stoves, the materials are contained, encapsulated, or bonded within the units.
- **Secondary Use:** Conversion into wet and dry mixtures and articles (refer to section 8).
- **Tertiary Use:** Installation, removal (industrial and professional) / Maintenance and service life (industrial and professional) (refer to section 8).

**Uses Advised Against**

Spraying of dry product.

d) Name, address, and telephone number

Unifrax I LLC  
600 Riverwalk Parkway, Suite 120  
Tonawanda, NY 14150

Product Stewardship Information Hotline  
1-800-322-2293 (Monday - Friday 8:00 a.m. - 4:30 p.m. EST)

For additional SDSs, visit our web page, <http://www.unifrax.com> or call Unifrax Customer Service at (716) 768-6500

(e) Emergency Phone Number:

CHEMTREC will provide assistance for chemical emergencies. Call 1-800-424-9300

### 2. HAZARDS IDENTIFICATION

(a) Classification of the chemical in accordance with paragraph (d) of §1910.1200

The U.S. Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (HCS) 2012 indicates that IARC Group 2B corresponds to OSHA HCS 2012 Category 2 carcinogen classification (see, e.g., §1910.1200, Appendix F, Part D).

(b) Signal word, hazard statement(s), symbol(s) and precautionary statement(s) in accordance with paragraph (f) of §1910.1200

Under OSHA HCS 2012, RCF is classified as a category 2 carcinogen.



## Hazard Pictogram



### Signal Word

Warning

### Hazard Statements

Suspected of causing cancer by inhalation.

### Precautionary statements

Do not handle until all safety instructions have been read and understood.  
Use respiratory protection as required; see section 8 of the Safety Data Sheet.  
If concerned about exposure, get medical advice.  
Store in a manner to minimize airborne dust.  
Dispose of waste in accordance with local, state and federal regulations.

### Supplementary Information

May cause temporary mechanical irritation to exposed eyes, skin or respiratory tract.  
Minimize exposure to airborne dust.

### (c) Describe any hazards not otherwise classified that have been identified during the classification process

Mild mechanical irritation to skin, eyes and upper respiratory system may result from exposure.  
These effects are usually temporary.

### (d) Mixture rule

Not applicable.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>(a) Chemical and (b) Common Name</u>	<u>(c) CAS Number</u>	<u>% BY WEIGHT</u>
Refractories, Fibers, Aluminosilicate	142844-00-6	75-80
Metal alloy wire	N/A	10-15
Continuous filament fiberglass	65997-17-3	5-10
Polypropylene homopolymer	9003-07-0	2-4

\***Synonyms:** RCF, ceramic fiber, Alumino Silicate Wool (ASW), synthetic vitreous fiber (SVF), man-made vitreous fiber (MMVF), man-made mineral fiber (MMMMF), high temperature insulation wool (HTIW)

### (d) Impurities and stabilizing additives

Not applicable.

## 4. FIRST AID MEASURES

(a) Description of necessary measures, subdivided according to the different routes of exposure, i.e.,

**inhalation, skin and eye contact, and ingestion**

**SKIN**

Handling of this material may generate mild mechanical temporary skin irritation. If this occurs, rinse affected areas with water and wash gently. Do not rub or scratch exposed skin.

**EYES**

In case of eye contact flush abundantly with water; have eye bath available. Do not rub eyes.

**NOSE AND THROAT**

If these become irritated move to a dust free area, drink water and blow nose.

If symptoms persist, seek medical advice.

**(b) Most important symptoms/effects, acute and delayed**

Mild mechanical irritation to skin, eyes and upper respiratory system may result from exposure. These effects are usually temporary.

**(c) Indication of immediate medical attention and special treatment needed, if necessary**

**NOTES TO PHYSICIANS**

Skin and respiratory effects are the result of temporary, mild mechanical irritation; fiber exposure does not result in allergic manifestations.

**5. FIRE FIGHTING MEASURES**

**(a) Suitable (and unsuitable) extinguishing media**

Use extinguishing agent suitable for surrounding combustible materials.

**(b) Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products):**

Non-combustible products, class of reaction to fire is zero.

Packaging and surrounding materials may be combustible.

None

**(c) Special protective equipment and precautions for fire-fighters**

**NFPA Codes:**      **Flammability: 0**      **Health: 1**      **Reactivity: 0**      **Special: 0**

**6. ACCIDENTAL RELEASE MEASURES**

**(a) Personal precautions, protective equipment, and emergency procedures**

Minimize airborne dust. Compressed air or dry sweeping should not be used for cleaning. See Section 8 "Exposure Controls / Personal Protection" for exposure guidelines.

**(b) Methods and materials for containment and cleaning up**

Frequently clean the work area with vacuum or wet sweeping to minimize the accumulation of debris. Do not use compressed air for clean-up.

**EMPTY CONTAINERS**

Product packaging may contain residue. Do not reuse.

**7. HANDLING AND STORAGE**

**(a) Precautions for safe handling**

Handle fiber carefully to minimize airborne dust. Limit use of power tools unless in conjunction with local exhaust ventilation. Use hand tools whenever possible.

**(b) Conditions for safe storage, including any incompatibilities**

Store in a manner to minimize airborne dust.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**(a) OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available**

<u>Components</u>	<u>OSHA PEL</u>	<u>NIOSH REL</u>	<u>ACGIH TLV</u>	<u>MANUFACTURER REG</u>
Refractory Ceramic Fiber (RCF)	None established*	0.5 f/cc, 8-hr. TWA	0.2 f/cc TLV, 8-hr. TWA	0.5 f/cc, 8-hr. TWA**
Metal alloy wire	None established		None established.	None established
Continuous filament fiberglass	1 f/cc TWA		1 f/cc TWA HSPP	None established
Polypropylene homopolymer	5 mg/m <sup>3</sup> PEL (resp. fraction), 15 mg/m <sup>3</sup> PEL (total dust) as PNOR		PNOC -- 10 mg/m <sup>3</sup> (total dust), 3 mg/m <sup>3</sup> (respirable fraction)	None established

\*Except for the state of California, where the PEL for RCF is 0.2 f/cc 8-hr TWA, there is no specific regulatory standard for RCF in the U.S. OSHA's "Particulate Not Otherwise Regulated (PNOR)" standard [29 CFR 1910.1000, Subpart Z, Air Contaminants] applies generally - Total Dust 15 mg/m<sup>3</sup>; Respirable Fraction 5 mg/m<sup>3</sup>.

\*\*In the absence of an OSHA PEL, HTIW Coalition has adopted a recommended exposure guideline (REG), as measured under NIOSH Method 7400 B. For further information on the history and development of the REG see "Rationale for the Recommended Exposure Guideline" at page 34 of the HTIW Coalition Product Stewardship Program [http://www.htiwcoalition.org/documents/PSP\\_2012.pdf](http://www.htiwcoalition.org/documents/PSP_2012.pdf).

**OTHER OCCUPATIONAL EXPOSURE LEVELS (OEL)**

RCF-related occupational exposure limits vary internationally. Regulatory OEL examples include: California, 0.2 f/cc; Canadian provincial OELs ranging from 0.2 to 1.0 f/cc. The objectives and criteria underlying each of these OEL decisions also vary. The evaluation of occupational exposure limits and determining their relative applicability to the workplace is best performed, on a case-by-case basis, by a qualified Industrial Hygienist.

**(b) Appropriate engineering controls**

Use engineering controls such as local exhaust ventilation, point of generation dust collection, down draft work stations, emission controlling tool designs, and materials handling equipment designed to minimize airborne fiber emissions.

### (c) Individual protection measures, such as personal protective equipment

#### Skin Protection

Wear personal protective equipment (e.g. gloves), as necessary to prevent skin irritation. Washable or disposable clothing may be used. If possible, do not take unwashed clothing home. If soiled work clothing must be taken home, employees should be informed on best practices to minimize non-work dust exposure (e.g., vacuum clothes before leaving the work area, wash work clothing separately, and rinse washer before washing other household clothes).

#### Eye Protection

As necessary, wear goggles or safety glasses with side shields.

#### Respiratory Protection

When engineering and/or administrative controls are insufficient to maintain workplace concentrations below the 0.5 f/cc REG or a regulatory OEL, the use of appropriate respiratory protection, pursuant to the requirements of OSHA Standards 29 CFR 1910.134 and 29 CFR 1926.103, is recommended. A NIOSH certified respirator with a filter efficiency of at least 95% should be used. The 95% filter efficiency recommendation is based on NIOSH respirator selection logic sequence for exposure to manmade mineral fibers. Pursuant to NIOSH recommendations, N-95 respirators are appropriate for exposures up to 10 times the NIOSH Recommended Exposure Limit (REL). With respect to RCF, both the NIOSH REL and the industry REG have been set at 0.5 fibers per cubic centimeter of air (f/cm<sup>3</sup>). Accordingly, N-95 would provide the necessary protection for exposures up to 5 f/cm<sup>3</sup>. Further, the Respirator Selection Guide published by 3M Corporation, the primary respirator manufacturer, specifically recommends use of N-95 respirators for RCF exposures. In cases where exposures are known to be above 5.0 f/cm<sup>3</sup>, 8 hour TWA, a filter efficiency of 100% should be used. Other factors to consider are the NIOSH filter series N, R or P -- (N) Not resistant to oil, (R) Resistant to oil and (P) oil Proof. These recommendations are not designed to limit informed choices, provided that respiratory protection decisions comply with 29 CFR 1910.134.

The evaluation of workplace hazards and the identification of appropriate respiratory protection is best performed, on a case by case basis, by a qualified Industrial Hygienist.

#### Other Information

- Concentrations based upon an eight-hour time weighted average (TWA) as determined by air samples collected and analyzed pursuant to NIOSH method 7400 (B) for airborne fibers.
- The manufacturer recommends the use of a full-facepiece air purifying respirator equipped with an appropriate particulate filter cartridge during furnace tear-out events and the removal of used RCF to control exposures to airborne fiber and the potential presence of crystalline silica.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>(a) Appearance</b>	White, fibrous wool	<b>(j) Upper/lower flammability or explosive limits</b>	Not applicable
<b>(b) Odor</b>	Odorless	<b>(k) Vapor pressure</b>	Not applicable
<b>(c) Odor threshold</b>	Not applicable	<b>(l) Vapor density</b>	Not applicable
<b>(d) pH</b>	Not applicable	<b>(m) Relative density</b>	2.50 – 2.75
<b>(e) Melting point</b>	1760° C (3200° F)	<b>(n) Solubility</b>	Insoluble
<b>(f) Initial boiling point and boiling range</b>	Not applicable	<b>(o) Partition coefficient: n-octanol/water</b>	Not applicable
<b>(g) Flash point</b>	Not applicable	<b>(p) Auto-ignition temperature</b>	Not applicable
<b>(h) Evaporation rate</b>	Not applicable	<b>(q) Decomposition temperature</b>	Not applicable
<b>(i) Flammability</b>	Not applicable	<b>(r) Viscosity</b>	Not applicable

## 10. STABILITY AND REACTIVITY

(a) <b>Reactivity</b>	RCF is non-reactive.
(b) <b>Chemical stability</b>	As supplied RCF is stable and inert.
(c) <b>Possibility of hazardous reactions</b>	None
(d) <b>Conditions to avoid</b>	Please refer to handling and storage advice in Section 7
(e) <b>Incompatible materials</b>	None
(f) <b>Hazardous decomposition products</b>	None

## 11. TOXICOLOGICAL INFORMATION

For more details on scientific publications referenced in this SDS see <http://www.htiwcoalition.org/publications.html>

### (a) through (d)

#### TOXICOKINETICS, METABOLISM AND DISTRIBUTION

##### Basic Toxicokinetics

Exposure is predominantly by inhalation or ingestion. Man-made vitreous fibers of a similar size to RCF have not been shown to migrate from the lung and/or gut and do not become located in other organs of the body.

##### Human Toxicological Data/Epidemiology Data

In order to determine possible human health effects following RCF exposure, the University of Cincinnati has been conducting medical surveillance studies on RCF workers in the U.S.A; this epidemiological study has been ongoing for 25 years and medical surveillance of RCF workers continues. The Institute of Occupational Medicine (IOM) has conducted medical surveillance studies on RCF workers in European manufacturing facilities.

Pulmonary morbidity studies among production workers in the U.S.A. and Europe have demonstrated an absence of interstitial fibrosis. In the European study a reduction of lung capacity among smokers has been identified, however, based on the latest results from a longitudinal study of workers in the U.S.A. with over 17-year follow-up, there has been no accelerated rate of loss of lung function (McKay et al. 2011).

A statistically significant correlation between pleural plaques and cumulative RCF exposure was evidenced in the U.S.A. longitudinal study.

The U.S.A. mortality study showed no excess mortality related to all deaths, all cancer, or malignancies or diseases of the respiratory system including mesothelioma (LeMasters et al. 2003).

##### Information on Toxicological Effects

- *Acute toxicity: short term inhalation*  
No data available: Short term tests have been undertaken to determine fiber (bio) solubility rather than toxicity; repeat dose inhalation tests have been undertaken to determine chronic toxicity and carcinogenicity.
- *Acute toxicity: oral*  
No data available: Repeated dose studies have been carried out using gavage. No effect was found.
- *Skin corrosion/irritation*  
Not a chemical irritant according to test method OECD no. 404.
- *Serious eye damage/irritation*  
Not possible to obtain acute toxicity information due to the morphology and chemical inertness of the substance.
- *Respiratory or skin sensitization*  
No evidence from human epidemiological studies of any respiratory or skin sensitization potential.

- *Germ cell mutagenicity/genotoxicity*  
Method: In vitro micronucleus test  
Species: Hamster (CHO)  
Dose: 1-35 mg/ml  
Routes of administration: In suspension  
Results: Negative
- *Carcinogenicity*  
Method: Inhalation, multi-dose  
Species: Rat  
Dose: 3 mg/m<sup>3</sup>, 9 mg/m<sup>3</sup> and 16 mg/m<sup>3</sup>  
Routes of administration: Nose only inhalation  
Results: Fibrosis just reached significant levels at 16 and 9 mg/m<sup>3</sup> but not at 3 mg/m<sup>3</sup>. None of the parenchymal tumor incidences were higher than the historical control values for this strain of animal.

Method: Inhalation, single dose  
Species: Rat  
Dose: 30 mg/m<sup>3</sup>  
Routes of administration: Nose only inhalation  
Results: Rats were exposed to a single concentration of 200 WHO fibers/ml specially prepared RCF for 24 months. High incidence of exposure-related pulmonary neoplasms (bronchoalveolar adenomas and carcinomas) was observed. A small number of mesotheliomas were observed in each of the fiber exposure groups (Mast et al 1995a).

Method: Inhalation, single dose  
Species: Hamster  
Dose: 30 mg/m<sup>3</sup>  
Routes of administration: Nose only inhalation  
Results: Hamsters were exposed to a single concentration of 260 WHO fibers/ml specially prepared RCF for 18 months and developed lung fibrosis, a significant number of pleural mesotheliomas (42/102) but no primary lung tumors (McConnell et al 1995).

Method: Inhalation, single dose  
Species: Rat  
Dose: RCF1: 130 F/ml and 50 mg/m<sup>3</sup> (25% of non fibrous particles)  
RCF1a: 125 F/ml and 26 mg/m<sup>3</sup> (2% of non fibrous particles)  
Routes of administration: Nose only inhalation  
Results: Rats were exposed to RCF1 and RCF1a for 3 weeks. The objective of the study was to compare lung retention and biological effects of the original RCF1 compared to RCF1a. The main difference of these 2 samples was the non-fibrous particle content of respectively 25% versus 2%. The post treatment observation was 12 months. Alveolar clearance was barely retarded after RCF1A exposure. After RCF1 exposure, however, a severe retardation of clearance was observed. (Bellmann et al 2001).

After intraperitoneal injection of ceramic fibers into rats in three experiments (Smith et al 1987, Pott et al 1987, Davis et al 1984), mesotheliomas were found in the abdominal cavity in two studies, while the third report (Pott et al 1987) had incomplete histopathology. Only a few mesotheliomas were found in the abdominal cavity of hamsters after intraperitoneal injection in one experiment (Smith et al 1987). However, the ceramic fibers tested were of relatively large diameter. When rats and hamsters were exposed via intraperitoneal injection, tumor incidence was related to fiber length and dose (Smith et al 1987, Pott et al 1987, Miller et al 1999, Pott et al 1989). (From SCOEL publication (EU Scientific Committee on Occupational Exposure Limits) SCOEL/SUM/165, September 2011).

- *Reproductive toxicity*  
Method: Gavage  
Species: Rat  
Dose: 250mg/kg/day  
Routes of administration: Oral  
Results: No effects were seen in an OECD 421 screening study. There are no reports of any reproductive toxic effects of mineral fibers. Exposure to these fibers is via inhalation and effects seen are in the lung. Clearance of fibers is via the gut and the feces, so exposure of the reproductive organs is extremely unlikely.

- *STOT-Single exposure*  
Not applicable
- *STOT-Repeated exposure*  
Not applicable
- *Aspiration hazard*  
Not applicable

See the following review publications for a summary and discussion:

Interpretation of these animal experiments is complex and there is not complete agreement amongst scientists internationally. A summary of the evidence relating to RCF carcinogenicity in vivo can be found in SCOEL/SUM/165 and in Utell and Maxim 2010.

Other information

Numerous studies indicate the relevance of biopersistence as a determinant of toxic effects of fiber exposure. (Maxim et al 2006).

**Irritant Properties**

Negative results have been obtained in animal studies (EU method B 4) for skin irritation. Inhalation exposures using the nose only route produce simultaneous heavy exposures to the eyes, but no reports of excess eye irritation exist. Animals exposed by inhalation similarly show no evidence of respiratory tract irritation.

Human data confirm that only mechanical irritation, resulting in itching, occurs in humans. Screening at manufacturers' plants in the UK has failed to show any human cases of skin conditions related to fiber exposure.

**(e) International Agency for Research on Cancer and National Toxicology Program**

IARC, in 1988, Monograph v.43 (and later reaffirmed in 2002, v.81), classified RCF as possibly carcinogenic to humans (group 2B). IARC evaluated the possible health effects of RCF as follows:

- There is inadequate evidence in humans for the carcinogenicity of RCF.
- There is sufficient evidence in experimental animals for the carcinogenicity of RCF.

The Annual Report on Carcinogens (latest edition), prepared by NTP, classified respirable RCF as "reasonably anticipated" to be a carcinogen).

Not classified by OSHA.

**12. ECOLOGICAL INFORMATION (Non-mandatory)**

<b>(a) Ecotoxicity (aquatic and terrestrial, where available)</b>	No known aquatic toxicity.
<b>(b) Persistence and degradability</b>	These products are insoluble materials that remain stable over time and are chemically identical to inorganic compounds found in the soil and sediment; they remain inert in the natural environment.
<b>(c) Bioaccumulative potential</b>	No bioaccumulative potential.
<b>(d) Mobility in soil</b>	No mobility in soil.
<b>(e) Other adverse effects (such as hazardous to the ozone layer)</b>	No adverse effects of this material on the environment are anticipated.

**13. DISPOSAL CONSIDERATIONS (Non-mandatory)**

## WASTE MANAGEMENT

To prevent waste materials from becoming airborne during waste storage, transportation and disposal, a covered container or plastic bagging is recommended.

## DISPOSAL

This product, as manufactured, is not classified as a hazardous waste according to Federal regulations (40 CFR 261). Any processing, use, alteration or chemical additions to the product, as purchased, may alter the disposal requirements. Under Federal regulations, it is the waste generator's responsibility to properly characterize a waste material, to determine if it is a "hazardous" waste. Check local, regional, state or provincial regulations to identify all applicable disposal requirements.

## **14. TRANSPORT INFORMATION (Non-mandatory)**

(a) UN number	Not Applicable
(b) UN proper shipping name	Not Applicable
(c) Transport hazard class(es)	Not Applicable
(d) Packing group, if applicable	Not Applicable
(e) Environmental hazards (e.g., Marine pollutant (Yes/No))	Not a marine pollutant
(f) Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)	Not Applicable
(g) Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises	Not Applicable

Canadian TDG Hazard Class & PIN: Not regulated

Not classified as dangerous goods under ADR (road), RID (train) or IMDG (ship).

## **15. REGULATORY INFORMATION (Non-mandatory)**

### UNITED STATES REGULATIONS

<b>EPA</b>	<b>Superfund Amendments and Reauthorization Act (SARA)</b> Title III - this product does not contain any substances reportable under Sections 302, 304, 313, (40 CFR 372). Sections 311 and 312 (40 CFR 370) apply (delayed hazard). <b>Hazard Categories:</b> Immediate Hazard – No Delayed Hazard – Yes Fire Hazard – No Pressure Hazard – No Reactivity Hazard - No <b>Toxic Substances Control Act (TSCA)</b> - RCF is not required to be listed on the TSCA inventory. <b>Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)</b> and the <b>Clean Air Act (CAA)</b> - this product contains fibers with an average diameter greater than one micron and thus is not considered a hazardous air pollutant.
<b>OSHA</b>	Comply with <b>Hazard Communication Standards</b> 29 CFR 1910.1200 and 29 CFR 1926.59 and the <b>Respiratory Protection Standards</b> 29 CFR 1910.134 and 29 CFR 1926.103.
<b>California</b>	"Ceramic fibers (airborne particles of respirable size)" is listed in <b>Proposition 65, The Safe Drinking Water and Toxic Enforcement Act of 1986</b> as a chemical known to the State of California to cause cancer.
<b>Other States</b>	RCF products are not known to be regulated by states other than California; however, state and local OSHA and EPA regulations may apply to these products. If in doubt, contact your local regulatory agency.



## **INTERNATIONAL REGULATIONS**

**Canada**      **Canadian Workplace Hazardous Materials Information System (WHMIS)** – Classified as Class D2A – Materials Causing Other Toxic Effects  
**Canadian Environmental Protection Act (CEPA)** - All substances in this product are listed, as required, on the Domestic Substance List (DSL)

**Europe**      **Integration of RCF into ANNEX XV of the REACH Regulation**

RCF is classified under the CLP (classification, labelling and packaging of substances and mixtures) regulation as a category 1B carcinogen. On January 13, 2010 the European Chemicals Agency (ECHA) updated the candidate list for authorization (Annex XV of the REACH regulation) and added 14 new substances in this list including aluminosilicate refractory ceramic fibers.

As a consequence, EU (European Union) or EEA (European Economic Area) suppliers of articles which contain aluminosilicate refractory ceramic fibers in a concentration above 0.1% (w/w) have to provide sufficient information, available to them, to their customers or upon requests to a consumer within 45 days of the receipt of the request. This information must ensure safe use of the article, and as minimum contains the name of the substance.

## **16. OTHER INFORMATION**

### **Product Stewardship Program**

Unifrax I LLC has established a program to provide customers with up-to-date information regarding the proper use and handling of refractory ceramic fiber. In addition, Unifrax has also established a program to monitor airborne fiber concentrations at customer facilities. If you would like more information about this program, please call the Product Stewardship Information Hotline at 1-800-322-2293.

In 2002, OSHA endorsed a five year voluntary product stewardship program called PSP 2002. On May 23, 2007, HTIW Coalition's predecessor, RCFC, and its member companies renewed this voluntary product stewardship agreement with OSHA. On April 16, 2012, HTIW Coalition renewed this agreement.

This new five year program, called PSP 2012, continues and builds upon the earlier programs. PSP 2012 is a highly acclaimed, multifaceted strategic risk management initiative designed specifically to reduce workplace exposures to refractory ceramic fiber (RCF). For more information regarding PSP 2012, please visit <http://www.htiwcoalition.org>

### **Hazardous Materials Identification System (HMIS) Hazard Rating**

HMIS Health	1* (* denotes potential for chronic effects)
HMIS Flammability	0
HMIS Reactivity	0
HMIS Personal Protective Equipment	X (To be determined by user)

### **Additional Information on After Service Material**

As produced, all RCF fibers are vitreous (glassy) materials which do not contain crystalline silica. Continued exposure to elevated temperatures may cause these fibers to devitrify (become crystalline). The first crystalline formation (mullite) begins to occur at approximately 985° C (1805° F). Crystalline phase silica may begin to form at approximately 1100° C (2012° F). When the glass RCF fibers devitrify, they form a mixed mineral crystalline silica containing dust. The crystalline silica is trapped in grain boundaries within a matrix predominately consisting of mullite. The occurrence and extent of crystalline phase formation is dependent on the duration and temperature of exposure, fiber chemistry and/or the presence of fluxing agents or furnace contaminants. The presence of crystalline phases can be confirmed only through laboratory analysis of the "hot face" fiber.

IARC's evaluation of crystalline silica states "Crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1)" and additionally notes "carcinogenicity in humans was not

detected in all industrial circumstances studied." IARC also studied mixed mineral crystalline silica containing dusts such as coal dusts (containing 5 – 15 % crystalline silica) and diatomaceous earth without seeing any evidence of disease. (IARC Monograph Vol. 68, 1997). NTP lists all polymorphs of crystalline silica amongst substances which may "reasonably be anticipated to be carcinogens".

IARC and NTP did not evaluate after-service RCF, which may contain various crystalline phases. However, an analysis of after-service RCF samples obtained pursuant to an exposure monitoring agreement with the USEPA, found that in the furnace conditions sampled, most did not contain detectable levels of crystalline silica. Other relevant RCF studies found that (1) simulated after-service RCF showed little, or no, activity where exposure was by inhalation or by intraperitoneal injection; and (2) after-service RCF was not cytotoxic to macrophage-like cells at concentrations up to 320 micrograms/cm<sup>2</sup> - by comparison, pure quartz or cristobalite were significantly active at much lower levels (circa 20 micrograms/cm<sup>2</sup>).

## **DEFINITIONS**

<b>ACGIH:</b>	American Conference of Governmental Industrial Hygienists
<b>ADR:</b>	Carriage of Dangerous Goods by Road (International Regulation)
<b>CAA:</b>	Clean Air Act
<b>CAS:</b>	Chemical Abstracts Service
<b>CERCLA:</b>	Comprehensive Environmental Response, Compensation and Liability Act
<b>DSL:</b>	Domestic Substances List
<b>EPA:</b>	Environmental Protection Agency
<b>EU:</b>	European Union
<b>f/cc:</b>	Fibers per cubic centimeter
<b>HEPA:</b>	High Efficiency Particulate Air
<b>HMIS:</b>	Hazardous Materials Identification System
<b>IARC:</b>	International Agency for Research on Cancer
<b>IATA:</b>	International Air Transport Association
<b>IMDG:</b>	International Maritime Dangerous Goods Code
<b>mg/m<sup>3</sup>:</b>	Milligrams per cubic meter of air
<b>mmpcf:</b>	Million particles per cubic meter
<b>NFPA:</b>	National Fire Protection Association
<b>NIOSH:</b>	National Institute for Occupational Safety and Health
<b>OSHA:</b>	Occupational Safety and Health Administration
<b>29 CFR 1910.134 &amp; 1926.103:</b>	OSHA Respiratory Protection Standards
<b>29 CFR 1910.1200 &amp; 1926.59:</b>	OSHA Hazard Communication Standards
<b>PEL:</b>	Permissible Exposure Limit (OSHA)
<b>PIN:</b>	Product Identification Number
<b>PNOC:</b>	Particulates Not Otherwise Classified
<b>PNOR:</b>	Particulates Not Otherwise Regulated
<b>PSP:</b>	Product Stewardship Program
<b>RCRA:</b>	Resource Conservation and Recovery Act
<b>REL:</b>	Recommended Exposure Limit (NIOSH)
<b>RID:</b>	Carriage of Dangerous Goods by Rail (International Regulations)
<b>SARA:</b>	Superfund Amendments and Reauthorization Act
<b>SARA Title III:</b>	Emergency Planning and Community Right to Know Act
<b>SARA Section 302:</b>	Extremely Hazardous Substances
<b>SARA Section 304:</b>	Emergency Release
<b>SARA Section 311:</b>	MSDS/List of Chemicals and Hazardous Inventory
<b>SARA Section 312:</b>	Emergency and Hazardous Inventory
<b>SARA Section 313:</b>	Toxic Chemicals and Release Reporting
<b>STEL:</b>	Short Term Exposure Limit
<b>SVF:</b>	Synthetic Vitreous Fiber
<b>TDG:</b>	Transportation of Dangerous Goods
<b>TLV:</b>	Threshold Limit Value (ACGIH)
<b>TSCA:</b>	Toxic Substances Control Act
<b>TWA:</b>	Time Weighted Average

**WHMIS:** Workplace Hazardous Materials Information System (Canada)

**Revision Summary:** Updated SDS to align with OSHA HCS 2012. Replaces 06/06/2013 SDS.

**Revision Date:** 02/12/2015

**SDS Prepared By:** UNIFRAX RISK MANAGEMENT DEPARTMENT

#### **DISCLAIMER**

The information presented herein is presented in good faith and believed to be accurate as of the effective date of this Safety Data Sheet. Employers may use this SDS to supplement other information gathered by them in their efforts to assure the health and safety of their employees and the proper use of the product. This summary of the relevant data reflects professional judgment; employers should note that information perceived to be less relevant has not been included in this SDS. Therefore, given the summary nature of this document, Unifrax I LLC does not extend any warranty (expressed or implied), assume any responsibility, or make any representation regarding the completeness of this information or its suitability for the purposes envisioned by the user.

**1. Identification**

<b>Product identifier</b>	<b>Coal Fly Ash</b>
<b>Other means of identification</b>	
<b>SDS number</b>	06177
<b>Part Number</b>	502-406, 502-813, 502-987
<b>Recommended use</b>	Laboratory Reagent.
<b>Recommended restrictions</b>	Workers (and your customers or users in the case of resale) should be informed of the potential presence of respirable dust and respirable crystalline silica as well as their potential hazards. Appropriate training in the proper use and handling of this material should be provided as required under applicable regulations.

**Manufacturer/Importer/Supplier/Distributor information**

<b>Company Name</b>	LECO Instruments
<b>Address</b>	2205 Dunwin Drive Mississauga, Ontario L5L 1X1 Canada
<b>Telephone</b>	905-564-6577
<b>Fax</b>	905-564-6582
<b>Website</b>	canada@leco.com
<b>Emergency phone number</b>	Chemtrec Int'l: 703-527-3887

**2. Hazard identification**

<b>Physical hazards</b>	Not classified.	
<b>Health hazards</b>	Carcinogenicity	Category 1A
	Specific target organ toxicity, repeated exposure	Category 1
<b>Environmental hazards</b>	Not classified.	
<b>Label elements</b>		



<b>Signal word</b>	Danger
<b>Hazard statement</b>	May cause cancer. Causes damage to organs through prolonged or repeated exposure.
<b>Precautionary statement</b>	
<b>Prevention</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.
<b>Response</b>	IF exposed or concerned: Get medical advice/attention.
<b>Storage</b>	Store locked up.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Other hazards</b>	None known.
<b>Supplemental information</b>	100% of the mixture consists of component(s) of unknown acute oral toxicity. 100% of the mixture consists of component(s) of unknown acute dermal toxicity. 100% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 100% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

**3. Composition/information on ingredients****Mixtures**

Chemical name	Common name and synonyms	CAS number	%
Coal fly ash		68131-74-8	< 99
Quartz		14808-60-7	> 1

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

#### 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.
<b>Most important symptoms/effects, acute and delayed</b>	Prolonged exposure may cause chronic effects.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

#### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Dry sand. Foam. Water. Dry chemicals.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	Use water spray to cool unopened containers.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.

#### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	Sweep up or vacuum up spillage and collect in suitable container for disposal. Put material in suitable, covered, labeled containers.
<b>Environmental precautions</b>	Avoid release to the environment.

#### 7. Handling and storage

<b>Precautions for safe handling</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep formation of airborne dusts to a minimum. Provide appropriate exhaust ventilation at places where dust is formed. Do not breathe dust. Avoid prolonged exposure. When using, do not eat, drink or smoke. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

#### 8. Exposure controls/personal protection

##### Occupational exposure limits

##### US. ACGIH Threshold Limit Values Components

Components	Type	Value	Form
Quartz (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable fraction.

**Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)**

Components	Type	Value	Form
Quartz (CAS 14808-60-7)	TWA	0.025 mg/m <sup>3</sup>	Respirable particles.

**Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)**

Components	Type	Value	Form
Quartz (CAS 14808-60-7)	TWA	0.025 mg/m <sup>3</sup>	Respirable fraction.

**Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)**

Components	Type	Value	Form
Quartz (CAS 14808-60-7)	TWA	0.025 mg/m <sup>3</sup>	Respirable fraction.

**Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)**

Components	Type	Value	Form
Quartz (CAS 14808-60-7)	TWA	0.1 mg/m <sup>3</sup>	Respirable fraction.

**Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)**

Components	Type	Value	Form
Quartz (CAS 14808-60-7)	TWA	0.1 mg/m <sup>3</sup>	Respirable dust.

**Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21)**

Components	Type	Value	Form
Quartz (CAS 14808-60-7)	8 hour	0.05 mg/m <sup>3</sup>	Respirable fraction.

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**Exposure guidelines**

Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled.

**Appropriate engineering controls**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

If contact is likely, safety glasses with side shields are recommended.

**Skin protection****Hand protection**

Wear appropriate chemical resistant gloves.

**Other**

Use of an impervious apron is recommended.

**Respiratory protection**

Use a particulate filter respirator for particulate concentrations exceeding the Occupational Exposure Limit.

**Thermal hazards**

Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**

Observe any medical surveillance requirements. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**9. Physical and chemical properties****Appearance****Physical state**

Solid.

**Form**

Granules.

**Color**

Grey to Black.

**Odor**

Not available.

**Odor threshold**

Not available.

**pH**

Not available.

**Melting point/freezing point**

Not available.

**Initial boiling point and boiling range**

Not available.

**Flash point**

Not available.

**Evaporation rate**

Not available.

**Flammability (solid, gas)** Not available.

**Upper/lower flammability or explosive limits**

**Flammability limit - lower (%)** Not available.

**Flammability limit - upper (%)** Not available.

**Explosive limit - lower (%)** Not available.

**Explosive limit - upper (%)** Not available.

**Vapor pressure** Not available.

**Vapor density** Not available.

**Relative density** Not available.

**Solubility(ies)**

**Solubility (water)** Not available.

**Partition coefficient (n-octanol/water)** Not available.

**Auto-ignition temperature** Not available.

**Decomposition temperature** Not available.

**Viscosity** Not available.

**Other information**

**Explosive properties** Not explosive.

**Oxidizing properties** Not oxidizing.

## 10. Stability and reactivity

**Reactivity** The product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical stability** Material is stable under normal conditions.

**Possibility of hazardous reactions** No dangerous reaction known under conditions of normal use.

**Conditions to avoid** Avoid spread of dust. Heat, flames and sparks. Contact with incompatible materials.

**Incompatible materials** Bases. Acids. Metals. Combustible material. Halogens. Oxidizing material.

**Hazardous decomposition products** No hazardous decomposition products are known.

## 11. Toxicological information

**Information on likely routes of exposure**

**Inhalation** Prolonged inhalation may be harmful.

**Skin contact** Dust or powder may irritate the skin.

**Eye contact** Direct contact with eyes may cause temporary irritation.

**Ingestion** Expected to be a low ingestion hazard.

**Symptoms related to the physical, chemical and toxicological characteristics** Direct contact with eyes may cause temporary irritation.

**Information on toxicological effects**

**Acute toxicity** Not known.

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation** Direct contact with eyes may cause temporary irritation.

**Respiratory or skin sensitization**

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** May cause cancer.

## ACGIH Carcinogens

Quartz (CAS 14808-60-7)

A2 Suspected human carcinogen.

## Canada - Alberta OELs: Carcinogen category

Quartz (CAS 14808-60-7)

Suspected human carcinogen.

## Canada - Manitoba OELs: carcinogenicity

Quartz (CAS 14808-60-7)

Suspected human carcinogen.

## Canada - Quebec OELs: Carcinogen category

Quartz (CAS 14808-60-7)

Suspected carcinogenic effect in humans.

## IARC Monographs. Overall Evaluation of Carcinogenicity

Quartz (CAS 14808-60-7)

1 Carcinogenic to humans.

## US. National Toxicology Program (NTP) Report on Carcinogens

Quartz (CAS 14808-60-7)

Known To Be Human Carcinogen.

### Reproductive toxicity

This product is not expected to cause reproductive or developmental effects.

### Specific target organ toxicity - single exposure

Not classified.

### Specific target organ toxicity - repeated exposure

Causes damage to organs through prolonged or repeated exposure.

### Aspiration hazard

Not an aspiration hazard.

### Chronic effects

Causes damage to organs through prolonged or repeated exposure.

## 12. Ecological information

### Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### Persistence and degradability

No data is available on the degradability of any ingredients in the mixture.

### Bioaccumulative potential

No data available.

### Mobility in soil

No data available.

### Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

### Disposal instructions

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

### Hazardous waste code

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

### Waste from residues / unused products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

### Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

### TDG

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

## 15. Regulatory information

### Canadian regulations

This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

### Controlled Drugs and Substances Act

Not regulated.

### Export Control List (CEPA 1999, Schedule 3)

Not listed.



**Greenhouse Gases**

Not listed.

**Precursor Control Regulations**

Not regulated.

**International regulations****Stockholm Convention**

Not applicable.

**Rotterdam Convention**

Not applicable.

**Kyoto protocol**

Not applicable.

**Montreal Protocol**

Not applicable.

**Basel Convention**

Not applicable.

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information**

**Issue date** 02-17-2020

**Version #** 01

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Supplier cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

MSDS

GOLD AA, ICP and ICP-MS STANDARDS, 5 - 1000 ppm Au in dilute Hydrochloric Acid

## Material Safety Data Sheet

### Section 1: Chemical Product and Company Identification

<b>Catalog Number:</b> AAU1KH, M5AUMTH0, MSAU1KH, PAU1KH, S4000000, S4000005, S4000010, S4002000	
<b>Product Identity:</b> GOLD AA, ICP and ICP-MS STANDARDS, 5 - 1000 ppm Au in dilute Hydrochloric Acid	
<b>Manufacturer's Name:</b> RICCA CHEMICAL COMPANY LLC	<b>Emergency Contact(24 hr) -- CHEMTREC®</b> Domestic: 800-424-9300 International: 703-527-3887
<b>CAGE Code:</b> 0V553	
<b>Address:</b> 448 West Fork Dr Arlington, TX 76012	<b>Telephone Number For Information:</b> 817-461-5601
<b>Date Prepared:</b> 2/24/03	<b>Revision: 4</b> Last Revised: 01/18/2006 Date Printed: 08/31/2006 1:14:23 pm

### Section 2. Composition/Information on Ingredients

Component	CAS Registry #	Concentration	ACGIH TLV	OSHA PEL
Gold	7440-57-5	< 0.11	Not Available	Not Available
			Not Available	Not Available
Hydrochloric Acid	7647-01-0	2.5 - 3.5	C 5 ppm	C 5 ppm
			C 7.5 mg/m3	C 7 mg/m3
Water, Deionized	7732-18-5	Balance	Not Available	Not Available
			Not Available	Not Available

### Section 3: Hazard Identification

**Emergency Overview:** Mildly corrosive, non-flammable, non-toxic. Wash areas of contact with water for at least 15 minutes. Avoid ingestion or contact with skin, eyes, or clothing. If ingested, dilute with large quantity of water and call a physician. Do not induce vomiting.

**Target Organs:** eyes, skin, respiratory system.

**Eye Contact:** May cause irritation, redness, pain, and tearing.

**Inhalation:** May cause irritation.

**Skin Contact:** May cause irritation, redness, and pain.

**Ingestion:** May cause nausea, vomiting, and diarrhea.

**Chronic Effects/Carcinogenicity:** None

**IARC** - Hydrochloric Acid is unclassifiable as to carcinogenicity to humans.

**NTP** - No.

**OSHA** - No.

## MSDS

GOLD AA, ICP and ICP-MS STANDARDS, 5 - 1000 ppm Au in dilute Hydrochloric Acid

**Reproductive Information:** Reproductive effects cited in 'Registry of Toxic Effects of Chemical Substances' for Hydrochloric Acid.

**Teratology (Birth Defect) Information:** Mutation data cited in 'Registry of Toxic Effects of Chemical Substances' for Hydrochloric Acid.

### Section 4: First Aid Measures - In all cases, seek qualified evaluation.

**Eye Contact:** Irrigate immediately with large quantity of water for at least 15 minutes. Call a physician if irritation develops.

**Inhalation:** Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen.

**Skin Contact:** Wash areas of contact with soap and water for at least 15 minutes. Call a physician if irritation develops.

**Ingestion:** Dilute with water or milk. Do not induce vomiting. Call a physician if necessary.

### Section 5: Fire Fighting Measures

**Flash Point:** Not Available.

**Method Used:** Not Available.

**LFL:** Not Available.

**UFL:** Not Available.

**Extinguishing Media:** Use any means suitable for extinguishing surrounding fire.

**Fire & Explosion Hazards:** Not considered to be a fire or explosion hazard. May react with metals to release flammable Hydrogen gas.

**Fire Fighting Instructions:** Use normal procedures/instructions.

**Fire Fighting Equipment:** Use protective clothing and breathing equipment appropriate for the surrounding fire.

### Section 6: Accidental Release Measures

Cover the spill with Sodium Carbonate or a soda ash-slaked lime mixture (50:50). Mix and add water to form slurry. Decant the liquid to the drain with excess water. Treat the solid residue as normal refuse. Wash site with soda ash solution. Always dispose of in accordance with local regulations.

### Section 7. Handling and Storage

As with all chemicals, wash hands thoroughly after handling. Avoid contact with eyes and skin. Protect from freezing and physical damage. Do not mix with bases.

**Safety Storage Code:** General

### Section 8: Exposure Control/Personal Protection

**Engineering Controls:** No specific controls are needed. Normal room ventilation is adequate.

**Respiratory Protection:** Normal room ventilation is adequate.

**Skin Protection:** Chemical resistant gloves.

**Eye Protection:** Safety glasses or goggles.

### Section 9: Physical and Chemical Properties

**Appearance:** Clear, gold/yellow liquid

**Odor:** slightly pungent

**Solubility in Water:** Infinite

**Specific Gravity:** Approximately 1

**pH:** <1

**Boiling Point(°C):** Approximately 100

**Melting Point(°C):** Approximately 0

**Vapor Pressure:** Not Applicable.

### Section 10: Stability and Reactivity

**Chemical Stability:** Stable under normal conditions of use and storage.

**Incompatibility:** Most metals, Alkalis, active metals, Cyanides, Sulfides, Sulfites, Metal Oxides, Formaldehyde.

**Hazardous Decomposition Products:** Fumes of Hydrogen Chloride and Hydrogen in contact with metals, Chlorine gas from Oxidizers.

**Hazardous Polymerization:** Will not occur.

### Section 11. Toxicological Information

LD50, Oral, Rabbit (Hydrochloric Acid) 900 mg/kg; Details of toxic effects not reported other than lethal dose value. LCLo, inhalation, human: 3000 ppm/5 minutes: No toxic effects noted.

## MSDS

GOLD AA, ICP and ICP-MS STANDARDS, 5 - 1000 ppm Au in dilute Hydrochloric Acid

### Section 12. Ecological Information

**Ecotoxicological Information:** Hydrogen Chloride has slight acute and chronic toxicity to aquatic life.

**Chemical Fate Information:** Virtually 100% of Hydrogen Chloride will eventually end up in the air.

### Section 13. Disposal Considerations

Cover the spill with Sodium Carbonate or a soda ash-slaked lime mixture (50:50). Mix and add water to form slurry. Decant the liquid to the drain with excess water. Treat the solid residue as normal refuse. Always dispose of in accordance with local, state and federal regulations.

### Section 14. Transport Information

Part Numbers:

This product is not regulated.

### Section 15. Regulatory Information (Not meant to be all inclusive - selected regulation represented)

**OSHA Status:** These items meet the OSHA Hazard Communication Standard (29 CFR 1910.1200) definition of a hazardous material.

**TSCA Status:** All components of this solution are listed on the TSCA Inventory or are mixtures (hydrates) of items listed on the TSCA Inventory.

Sara Title III:

**Section 302 Extremely Hazardous Substances:** Not Applicable.

**Section 311/312 Hazardous Categories:** Acute: Yes      Chronic, Fire, Pressure, Reactivity: No

**Section 313 Toxic Chemicals:** Not Applicable.

**California:** None Reported.

**Pennsylvania:** Hydrochloric Acid is listed as an Environmental Hazard on the state's Hazardous Substances List.

**RCRA Status:** Not Applicable.

**CERCLA Reportable Quantity:** Hydrochloric Acid - 5,000 pounds.

**WHMIS:** E: Corrosive Material.



### Section 16. Other Information

NFPA Ratings:

Health: 1      Flammability: 0      Reactivity: 0      Special Notice Key: None

HMIS Ratings:

Health: 1      Flammability: 0      Reactivity: 0      Protective Equipment: B (Protective Eyewear, Gloves)

## MSDS

GOLD AA, ICP and ICP-MS STANDARDS, 5 - 1000 ppm Au in dilute Hydrochloric Acid

Rev 1, 08-06-2004: Reformatted to electronic data format.

Rev 2, 02-02-2005: (Section 1) added SpectroPure catalog numbers S4000000 and S4002000.

Rev 3, 09-12-2005: (Section 1) added internal part number M5AUMTH0.

Rev 4, 01-18-2006: (Section 1) added SpectroPure catalog numbers S4000005 and S4000010; (Section 2) revised concentration range of Gold from 0.09 - 0.11; (Section 15) added WHMIS information.

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration of its characteristics by concentration, evaporation, addition of other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and RICCA CHEMICAL COMPANY assumes no legal responsibility or liability whatsoever resulting from its use.

## SAFETY DATA SHEET

Creation Date 11-Nov-2011

Revision Date 09-Feb-2024

Revision Number 3

### 1. Identification

**Product Name** Lead foil  
**Cat No. :** 12048  
**CAS No** 7439-92-1  
**Synonyms** Lead metal  
**Recommended Use** Laboratory chemicals.  
**Uses advised against** Food, drug, pesticide or biocidal product use.

#### Details of the supplier of the safety data sheet

##### Company

Thermo Fisher Scientific Chemicals, Inc.  
30 Bond Street  
Ward Hill, MA 01835-8099  
Tel: 800-343-0660  
Fax: 800-322-4757

##### **Emergency Telephone Number**

For information **US** call: 001-800-227-6701 / **Europe** call: +32 14 57 52 11  
Emergency Number **US**:001-201-796-7100 / **Europe**: +32 14 57 52 99  
**CHEMTREC** Tel. No. **US**:001-800-424-9300 / **Europe**:001-703-527-3887

### 2. Hazard(s) identification

#### **Classification**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Carcinogenicity	Category 1B
Reproductive Toxicity	Category 1A
Effects on or via lactation	
Specific target organ toxicity - (repeated exposure)	Category 1
Target Organs - Kidney, Central nervous system (CNS), Blood.	

#### Label Elements

##### **Signal Word**

Danger

##### **Hazard Statements**

May cause cancer

May damage fertility. May damage the unborn child  
 May cause harm to breast-fed children  
 Causes damage to organs through prolonged or repeated exposure



### Precautionary Statements

#### Prevention

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 Do not breathe dust/fume/gas/mist/vapors/spray  
 Avoid contact during pregnancy/while nursing  
 Wash face, hands and any exposed skin thoroughly after handling  
 Do not eat, drink or smoke when using this product

#### Response

IF exposed or concerned: Get medical attention/advice

#### Storage

Store locked up

#### Disposal

Dispose of contents/container to an approved waste disposal plant

#### Hazards not otherwise classified (HNOC)

WARNING. Cancer and Reproductive Harm - <https://www.p65warnings.ca.gov/>.

## 3. Composition/Information on Ingredients

Component	CAS No	Weight %
Lead	7439-92-1	<=100

## 4. First-aid measures

<b>General Advice</b>	Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.
<b>Eye Contact</b>	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Immediate medical attention is required.
<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Immediate medical attention is required.
<b>Ingestion</b>	Do NOT induce vomiting. Call a physician or poison control center immediately.
<b>Most important symptoms and effects</b>	None reasonably foreseeable.
<b>Notes to Physician</b>	Treat symptomatically

## 5. Fire-fighting measures

**Suitable Extinguishing Media** Water spray, carbon dioxide (CO<sub>2</sub>), dry chemical, alcohol-resistant foam.

**Unsuitable Extinguishing Media** No information available

**Flash Point** No information available  
**Method -** No information available

**Autoignition Temperature** No information available

**Explosion Limits**

**Upper** No data available

**Lower** No data available

**Sensitivity to Mechanical Impact** No information available

**Sensitivity to Static Discharge** No information available

**Specific Hazards Arising from the Chemical**

Non-combustible. Do not allow run-off from fire-fighting to enter drains or water courses.

**Hazardous Combustion Products**

Lead, lead oxides.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Thermal decomposition can lead to release of irritating gases and vapors.

**NFPA**

**Health**  
2

**Flammability**  
0

**Instability**  
0

**Physical hazards**  
N/A

## 6. Accidental release measures

**Personal Precautions** Ensure adequate ventilation. Use personal protective equipment as required. Avoid dust formation. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas.

**Environmental Precautions** Do not flush into surface water or sanitary sewer system. Should not be released into the environment. Do not allow material to contaminate ground water system.

**Methods for Containment and Clean Up** Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

## 7. Handling and storage

**Handling** Do not get in eyes, on skin, or on clothing. Wear personal protective equipment/face protection. Avoid dust formation. Use only under a chemical fume hood. Do not breathe (dust, vapor, mist, gas). Do not ingest. If swallowed then seek immediate medical assistance.

**Storage.** Keep in a dry, cool and well-ventilated place. Keep container tightly closed. Incompatible Materials. Strong acids. Ammonium nitrate: fertilizers capable of self-sustaining decomposition. Peroxides.

## 8. Exposure controls / personal protection

**Exposure Guidelines**

Component	ACGIH TLV	OSHA PEL	NIOSH	Mexico OEL (TWA)
Lead	TWA: 0.05 mg/m <sup>3</sup>	TWA: 50 µg/m <sup>3</sup>	IDLH: 100 mg/m <sup>3</sup> TWA: 0.050 mg/m <sup>3</sup>	TWA: 0.05 mg/m <sup>3</sup>

*Legend*



ACGIH - American Conference of Governmental Industrial Hygienists  
 OSHA - Occupational Safety and Health Administration  
 NIOSH: NIOSH - National Institute for Occupational Safety and Health

**Engineering Measures** Ensure adequate ventilation, especially in confined areas.

### Personal Protective Equipment

**Eye/face Protection** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin and body protection** Wear appropriate protective gloves and clothing to prevent skin exposure.

**Respiratory Protection** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

**Recommended Filter type:** Particulates filter conforming to EN 143.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

<b>Physical State</b>	Solid
<b>Appearance</b>	Grey
<b>Odor</b>	Odorless
<b>Odor Threshold</b>	No information available
<b>pH</b>	No information available
<b>Melting Point/Range</b>	327.4 °C / 621.3 °F
<b>Boiling Point/Range</b>	1740 °C / 3164 °F @ 760 mmHg
<b>Flash Point</b>	No information available
<b>Evaporation Rate</b>	Not applicable
<b>Flammability (solid,gas)</b>	No information available
<b>Flammability or explosive limits</b>	
<b>Upper</b>	No data available
<b>Lower</b>	No data available
<b>Vapor Pressure</b>	1.77 mmHg @ 1000 °C
<b>Vapor Density</b>	Not applicable
<b>Specific Gravity</b>	No information available
<b>Solubility</b>	Insoluble in water
<b>Partition coefficient; n-octanol/water</b>	No data available
<b>Autoignition Temperature</b>	No information available
<b>Decomposition Temperature</b>	No information available
<b>Viscosity</b>	Not applicable
<b>Molecular Formula</b>	Pb
<b>Molecular Weight</b>	207.19

## 10. Stability and reactivity

**Reactive Hazard** None known, based on information available

**Stability** Stable under normal conditions.

**Conditions to Avoid** Exposure to air. Incompatible products.

**Incompatible Materials** Strong acids, Ammonium nitrate: fertilizers capable of self-sustaining decomposition, Peroxides

**Hazardous Decomposition Products** Lead, lead oxides

**Hazardous Polymerization** Hazardous polymerization does not occur.

**Hazardous Reactions** None under normal processing.

## 11. Toxicological information

### Acute Toxicity

#### Product Information

#### Component Information

**Toxicologically Synergistic Products** No information available

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Irritation** No information available

**Sensitization** May cause sensitization by skin contact

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS No	IARC	NTP	ACGIH	OSHA	Mexico
Lead	7439-92-1	Group 2A	Reasonably Anticipated	A3	X	A3

*IARC (International Agency for Research on Cancer)*

*IARC (International Agency for Research on Cancer)*

*Group 1 - Carcinogenic to Humans*

*Group 2A - Probably Carcinogenic to Humans*

*Group 2B - Possibly Carcinogenic to Humans*

*NTP: (National Toxicity Program)*

*Known - Known Carcinogen*

*Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen*

*A1 - Known Human Carcinogen*

*A2 - Suspected Human Carcinogen*

*A3 - Animal Carcinogen*

*ACGIH: (American Conference of Governmental Industrial Hygienists)*

*Mexico - Occupational Exposure Limits - Carcinogens*

*A1 - Confirmed Human Carcinogen*

*A2 - Suspected Human Carcinogen*

*A3 - Confirmed Animal Carcinogen*

*A4 - Not Classifiable as a Human Carcinogen*

*A5 - Not Suspected as a Human Carcinogen*

*NTP: (National Toxicity Program)*

*ACGIH: (American Conference of Governmental Industrial Hygienists)*

*Mexico - Occupational Exposure Limits - Carcinogens*

**Mutagenic Effects** No information available

**Reproductive Effects** May cause harm to the unborn child. Possible risk of impaired fertility.

**Developmental Effects** No information available.

**Teratogenicity** No information available.

**STOT - single exposure** None known

**STOT - repeated exposure** Kidney Central nervous system (CNS) Blood

**Aspiration hazard** No information available

**Symptoms / effects, both acute and delayed** No information available

**Endocrine Disruptor Information** No information available

**Other Adverse Effects** The toxicological properties have not been fully investigated.

## 12. Ecological information

### Ecotoxicity

The product contains following substances which are hazardous for the environment. Contains a substance which is: Very toxic to aquatic organisms. May cause long-term adverse effects in the environment. Do not allow material to contaminate ground water system.

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Lead	Not listed	LC50: = 1.32 mg/L, 96h static (Oncorhynchus mykiss) LC50: = 1.17 mg/L, 96h flow-through (Oncorhynchus mykiss) LC50: = 0.44 mg/L, 96h semi-static (Cyprinus carpio)	Not listed	EC50: = 600 µg/L, 48h (water flea)

**Persistence and Degradability** Insoluble in water May persist

**Bioaccumulation/ Accumulation** No information available.

**Mobility** Is not likely mobile in the environment due its low water solubility.

## 13. Disposal considerations

**Waste Disposal Methods** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

## 14. Transport information

<b>DOT</b>	Not regulated
<b>TDG</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG/IMO</b>	Not regulated

## 15. Regulatory information

### United States of America Inventory

Component	CAS No	TSCA	TSCA Inventory notification - Active-Inactive	TSCA - EPA Regulatory Flags
Lead	7439-92-1	X	ACTIVE	-

#### Legend:

**TSCA** US EPA (TSCA) - Toxic Substances Control Act, (40 CFR Part 710)

Group 1 - Carcinogenic to Humans

Group 2A - Probably Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

**TSCA - Per 40 CFR 751, Regulation of Certain Chemical Substances & Mixtures, Under TSCA Section 6(h) (PBT)** Not applicable

**TSCA 12(b)** - Notices of Export Not applicable

Component	CAS No	TSCA 12(b) - Notices of Export
Lead	7439-92-1	Section 6

### International Inventories

Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Philippines (PICCS), Japan (ENCS), Japan (ISHL), Australia (AICS), China (IECSC), Korea (KECL).

Component	CAS No	DSL	NDSL	EINECS	PICCS	ENCS	ISHL	AICS	IECSC	KECL
Lead	7439-92-1									

Lead	7439-92-1	X	-	231-100-4	X	X		X	X	KE-21887
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KECL - NIER number or KE number (<http://ncis.nier.go.kr/en/main.do>)

### U.S. Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372. Note that PBT chemicals are not eligible for the de minimis exemption. For these chemicals, supplier notification limits are provided.

> 0 % = no low concentration cut-off set, supplier notification limit applies.

Component	CAS No	Weight %	SARA 313 - Threshold Values %	SARA 313 - Reporting thresholds
Lead	7439-92-1	<=100	> 0 %	RT = 100 lb

#### SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

#### CWA (Clean Water Act)

Component	CWA - Hazardous Substances	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants
Lead	-	-	X	X

#### Clean Air Act

OSHA - Occupational Safety and Health Administration Not applicable

Component	Specifically Regulated Chemicals	Highly Hazardous Chemicals
Lead	30 µg/m <sup>3</sup> Action Level 50 µg/m <sup>3</sup> TWA	-

#### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

Component	Hazardous Substances RQs	CERCLA Extremely Hazardous Substances RQs	SARA Reportable Quantity (RQ)
Lead	10 lb	-	10 lb 4.54 kg

#### California Proposition 65

This product contains the following Proposition 65 chemicals.

Component	CAS No	California Prop. 65	Prop 65 NSRL	Category
Lead	7439-92-1	Carcinogen Developmental Female Reproductive Male Reproductive	15 µg/day	Developmental Carcinogen

#### U.S. State Right-to-Know Regulations

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Lead	X	X	X	X	X

#### U.S. Department of Transportation

Reportable Quantity (RQ): Y  
DOT Marine Pollutant N

DOT Severe Marine Pollutant N

U.S. Department of Homeland Security This product does not contain any DHS chemicals.

**Other International Regulations**

Mexico - Grade No information available

**Authorisation/Restrictions according to EU REACH**

Component	CAS No	REACH (1907/2006) - Annex XIV - Substances Subject to Authorization	REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances	REACH Regulation (EC 1907/2006) article 59 - Candidate List of Substances of Very High Concern (SVHC)
Lead	7439-92-1	-	Use restricted. See item 72. (see link for restriction details) Use restricted. See item 30. (see link for restriction details) Use restricted. See item 63. (see link for restriction details) Use restricted. See item 75. (see link for restriction details)	SVHC Candidate list - 231-100-4 - Toxic for reproduction (Article 57c)

After the sunset date the use of this substance requires either an authorization or can only be used for exempted uses, e.g. use in scientific research and development which includes routine analytics or use as intermediate.

**REACH links**

<https://echa.europa.eu/authorisation-list>

<https://echa.europa.eu/substances-restricted-under-reach>

<https://echa.europa.eu/candidate-list-table>

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

Component	CAS No	OECD HPV	Persistent Organic Pollutant	Ozone Depletion Potential	Restriction of Hazardous Substances (RoHS)
Lead	7439-92-1	Listed	Not applicable	Not applicable	0.1% (Max. Conc.)

**Contains component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS)?**

Not applicable

**Other International Regulations**

Component	CAS No	Seveso III Directive (2012/18/EC) - Qualifying Quantities for Major Accident Notification	Seveso III Directive (2012/18/EC) - Qualifying Quantities for Safety Report Requirements	Rotterdam Convention (PIC)	Basel Convention (Hazardous Waste)
Lead	7439-92-1	Not applicable	Not applicable	Not applicable	Annex I - Y31

**16. Other information**

**Prepared By** Health, Safety and Environmental Department  
Email: chem.techinfo@thermofisher.com  
www.thermofisher.com

**Creation Date** 11-Nov-2011  
**Revision Date** 09-Feb-2024  
**Print Date** 09-Feb-2024  
**Revision Summary** New emergency telephone response service provider.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of SDS**

MSDS

MAGNESIUM AA, ICP, ICP-MS STANDARDS, 1000 - 10000 ppm Mg in dilute Nitric Acid

## Material Safety Data Sheet

### Section 1: Chemical Product and Company Identification

<b>Catalog Number:</b> 4490, 4500, 4505, AMG1KN, M5MGMTN0, S5480000, S5482000	
<b>Product Identity:</b> MAGNESIUM AA, ICP, ICP-MS STANDARDS, 1000 - 10000 ppm Mg in dilute Nitric Acid	
<b>Manufacturer's Name:</b> RICCA CHEMICAL COMPANY LLC	<b>Emergency Contact(24 hr) -- CHEMTREC®</b> Domestic: 800-424-9300 International: 703-527-3887
<b>CAGE Code:</b> 0V553	
<b>Address:</b> 448 West Fork Dr Arlington, TX 76012	<b>Telephone Number For Information:</b> 817-461-5601
<b>Date Prepared:</b> 8/4/00	<b>Revision: 4</b> Last Revised: 02/06/2007 Date Printed: 06/15/2007 5:06:19 pm

### Section 2. Composition/Information on Ingredients

Component	CAS Registry #	Concentration	ACGIH TLV	OSHA PEL
Magnesium	7439-95-4	<1.1	Not Available	Not Available
			Not Available	Not Available
Nitric Acid	7697-37-2	0.5 - 6	2 ppm	2 ppm
			5.2 mg/m3	5 mg/m3
Water, Deionized	7732-18-5	Balance	Not Available	Not Available
			Not Available	Not Available

### Section 3: Hazard Identification

**Emergency Overview:** Mildly corrosive liquid. Avoid contact with skin, eyes, and clothing. If swallowed, dilute with water and call a physician. Wash areas of contact with plenty of water. Most of the Nitric Acid is consumed in the manufacture of this product.

**Target Organs:** eyes, skin, respiratory system, teeth.

**Eye Contact:** May cause slight irritation.

**Inhalation:** May cause mild irritation of the nose, throat, and respiratory tract.

**Skin Contact:** May cause irritation, redness and pain. Contact will discolor skin yellow-brown depending on exposure which will wear off after a period of time.

**Ingestion:** May cause immediate pain and burns of the mouth, throat, esophagus and gastrointestinal tract.

**Chronic Effects/Carcinogenicity:** None

**IARC** - No.

**NTP** - No.

**OSHA** - No.

## MSDS

MAGNESIUM AA, ICP, ICP-MS STANDARDS, 1000 - 10000 ppm Mg in dilute Nitric Acid

**Reproductive Information:** Reproductive effects cited in 'Registry of Toxic Effects of Chemical Substances' for Nitric Acid.

**Teratology (Birth Defect) Information:** Mutation data cited in 'Registry of Toxic Effects of Chemical Substances' for Nitric Acid.

### Section 4: First Aid Measures - In all cases, seek qualified evaluation.

**Eye Contact:** Irrigate immediately with large quantity of water for at least 15 minutes. Call a physician if irritation develops.

**Inhalation:** Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen.

**Skin Contact:** Flush with plenty of water for at least 15 minutes. Call a physician if irritation develops.

**Ingestion:** Dilute with water or milk. Do not induce vomiting. Call a physician if necessary.

### Section 5: Fire Fighting Measures

**Flash Point:** Not Available.

**LFL:** Not Available.

**Extinguishing Media:** Use water or water spray.

**Fire & Explosion Hazards:** Not considered to be a fire or explosion hazard.

**Fire Fighting Instructions:** Use normal procedures/instructions.

**Fire Fighting Equipment:** Use protective clothing and breathing equipment appropriate for the surrounding fire.

**Method Used:** Not Available.

**UFL:** Not Available.

### Section 6: Accidental Release Measures

Cover the spill with Sodium Carbonate or a soda ash-slaked lime mixture (50:50). Mix and add water to form slurry. Decant the liquid to the drain with excess water. Treat the solid residue as normal refuse. Wash site with soda ash solution. Always dispose of in accordance with local regulations.

### Section 7: Handling and Storage

As with all chemicals, wash hands thoroughly after handling. Avoid contact with eyes and skin. Protect from freezing and physical damage.

**Safety Storage Code:** General

### Section 8: Exposure Control/Personal Protection

**Engineering Controls:** No specific controls are needed. Normal room ventilation is adequate.

**Respiratory Protection:** Normal room ventilation is adequate.

**Skin Protection:** Chemical resistant gloves.

**Eye Protection:** Safety glasses or goggles.

### Section 9: Physical and Chemical Properties

**Appearance:** Clear, colorless to very pale yellow liquid

**Odor:** odorless to slightly pungent

**Solubility in Water:** Infinite

**Specific Gravity:** Approximately 1

**pH:** Not Available.

**Boiling Point(°C):** Approximately 100

**Melting Point(°C):** Approximately 0

**Vapor Pressure:** Not Applicable.

### Section 10: Stability and Reactivity

**Chemical Stability:** Stable under normal conditions of use and storage.

**Incompatibility:** Strong bases, metallic powders, Carbides, Hydrogen Sulfide, Turpentine and combustible organics.

**Hazardous Decomposition Products:** Emits highly toxic fumes of Nitrogen Oxides and Hydrogen Nitrate when heated to decomposition.

**Hazardous Polymerization:** Will not occur.

### Section 11. Toxicological Information

LDLo, Oral, Human: 430 mg/kg (Nitric Acid), 5440 mg/kg (Magnesium Nitrate), details of toxic effects not reported other than lethal dose value.



## MSDS

MAGNESIUM AA, ICP, ICP-MS STANDARDS, 1000 - 10000 ppm Mg in dilute Nitric Acid

### Section 12. Ecological Information

**Ecotoxicological Information:** No information found.

**Chemical Fate Information:** No information found.

### Section 13. Disposal Considerations

Neutralize with Soda Ash or Calcium Carbonate. Wash resulting solution down the drain. Treat the solid residue as normal refuse. Always dispose of in accordance with local, state and federal regulations.

### Section 14. Transport Information

Part Numbers:

This product is not regulated.

### Section 15. Regulatory Information (Not meant to be all inclusive - selected regulation represented)

**OSHA Status:** These items meet the OSHA Hazard Communication Standard (29 CFR 1910.1200) definition of a hazardous material.

**TSCA Status:** All components of this solution are listed on the TSCA Inventory or are mixtures (hydrates) of items listed on the TSCA Inventory.

**Sara Title III:**

**Section 302 Extremely Hazardous Substances:** Not Applicable.

**Section 311/312 Hazardous Categories:** No

**Section 313 Toxic Chemicals:** Not Applicable.

**California:** None Reported.

**Pennsylvania:** Nitric Acid is listed as an Environmental Hazard on the state's Hazardous Substances List. Magnesium is listed as a Basic Hazard on the state's Hazardous Substances List.

**RCRA Status:** Not Applicable.

**CERCLA Reportable Quantity:** Nitric Acid - 1,000 pounds.

**WHMIS:** Not Applicable.

### Section 16. Other Information

NFPA Ratings:

Health: 1                      Flammability: 0                      Reactivity: 0                      Special Notice Key: None

HMIS Ratings:

Health: 1                      Flammability: 0                      Reactivity: 0                      Protective Equipment: B (Protective Eyewear, Gloves)



Rev 1, 10-09-2001: Reformatted to electronic data format.

Rev 2, 08-14-2003: (Section 1) added catalog number 4490; (Section 2) revised concentration range of Nitric Acid from 2 - 6%.

Rev 3, 02-14-2005: (Section 1) revised title, added catalog numbers AMG1KN, MSMG1KN and PMG1KN, added SpectroPure catalog numbers S5480000 and S5482000.

Rev 4, 02-06-2007: (Section 1) added internal part number M5MGMTN0; (Section 15) revised OSHA status.

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration of its characteristics by concentration, evaporation, addition of other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and RICCA CHEMICAL COMPANY assumes no legal responsibility or liability whatsoever resulting from its use.

## Safety Data Sheet

### SECTION 1: Identification

#### 1.1. Product Identifier

**Trade Name or Designation:** VeriSpec™ Potassium Standard for ICP 1000 ppm in 2% HNO<sub>3</sub>  
 Manufactured and Tested in an ISO 17025/Guide 34 Accredited Facility

**Product Number:** RV010340

**Other Identifying Product Numbers:** RV010340-100N, RV010340-250N, RV010340-30N, RV010340-500N, RV010340-50N

#### 1.2. Recommended Use and Restrictions on Use

Calibration Standard

#### 1.3. Details of the Supplier of the Safety Data Sheet

**Company:** Ricca Chemical Company

**Address:** 448 West Fork Drive  
 Arlington, TX 76012 USA

**Telephone:** 888-467-4222

#### 1.4. Emergency Telephone Number (24 hr)

CHEMTREC (USA) 800-424-9300  
 CHEMTREC (International) 1+ 703-527-3887

### SECTION 2: Hazard(s) Identification

#### 2.1. Classification of the Substance or Mixture (in accordance with OSHA HCS 29 CFR 1910.1200)

*For the full text of the Hazard and Precautionary Statements listed below, see Section 16.*

Hazard Class	Category	Hazard	
		Statement	Precautionary Statements
Skin Corrosion / Irritation	Category 2	H315	P264, P280, P302+P352, P321, P332+P313, P362
Eye Damage / Irritation	Category 2A	H319	P264, P280, P305+P351+P338, P337+P313

#### 2.2. GHS Label Elements

**Pictograms:**



**Signal Word:** **Warning**



## Safety Data Sheet

### Hazard Statements:

Hazard Number	Hazard Statement
H315	Causes skin irritation.
H319	Causes serious eye irritation.

### Precautionary Statements:

Precautionary Number	Precautionary Statement
P264	Wash arms, hands and face thoroughly after handling.
P280	Wear protective gloves and eye protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment (Wash areas of contact with water immediately).
P332+P313	If skin irritation occurs: Get medical attention.
P337+P313	If eye irritation persists: Get medical attention.
P362	Take off contaminated clothing and wash it before reuse.

### 2.3. WHMIS Classification

WHMIS classification is not included based on the recommended option (Option 4) found in the Canada Gazette Part II, Vol. 149, No.3, page 458

### 2.4. Hazards not Otherwise Classified or Covered by GHS

Data not available.

## SECTION 3: Composition / Information on Ingredients

### 3.1. Components of Substance or Mixture

Chemical Name	Formula	Molecular Weight	CAS Number	Weight%
Water	H <sub>2</sub> O	18.01 g/mol	7732-18-5	97.74%
Nitric Acid	HNO <sub>3</sub>	63.01 g/mol	7697-37-2	2.00%
Potassium Nitrate	KNO <sub>3</sub>	101.10 g/mol	7757-79-1	0.26%

## SECTION 4: First-Aid Measures

### 4.1. General First Aid Information

**Eye Contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Inhalation:** Not expected to require first aid. If necessary, remove to fresh air.

**Skin Contact:** IF ON SKIN: Wash with plenty of soap and water.



## Safety Data Sheet

**Ingestion:** No action required to be taken. If necessary, dilute with water.

### 4.2. Most Important Symptoms and Effects, Acute and Delayed

May cause mild irritation to areas of contact.

### 4.3. Medical Attention or Special Treatment Needed

Specific treatment (Wash areas of contact with water immediately).

## SECTION 5: Fire-Fighting Measures

### 5.1. Extinguishing Media

Not considered to be a fire or explosion hazard.

### 5.2. Specific Hazards Arising from the Substance or Mixture

Not considered to be a fire or explosion hazard.

### 5.3. Special Protective Equipment for Firefighters

Wear protective clothing and NIOSH-approved breathing equipment appropriate for the surrounding fire.

## SECTION 6: Accidental Release Measures

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Wear protective gloves and eye protection.

### 6.2. Cleanup and Containment Methods and Materials

Absorb with suitable material and dispose of in accordance with local regulations.

## SECTION 7: Handling and Storage

### 7.1. Precautions for Safe Handling and Storage Conditions

Protect from freezing and physical damage.

## SECTION 8: Exposure Controls / Personal Protection

### 8.1. Control Parameters

Chemical Name	Limit Type	Country	Exposure Limit	Information Source
Nitric Acid (7697-37-2)	TWA	USA	2 ppm TWA 5 mg/m <sup>3</sup> TWA	U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)
Nitric Acid (7697-37-2)	TLV-STEL	USA	4 ppm STEL	ACGIH - Threshold Limit Values - Short Term Exposure Limits (TLV-STEL)
Nitric Acid (7697-37-2)	TLV-TWA	USA	2 ppm TWA	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)

### 8.2. Exposure Controls

**Engineering Controls:** No specific controls are needed. Normal room ventilation is adequate.



## Safety Data Sheet

**Respiratory Protection:** No specific controls are needed. Normal room ventilation is adequate

**Skin Protection:** Wear protective gloves and eye protection.

**Eye Protection:** Wear protective gloves and eye protection.

### 8.3. Personal Protective Equipment

Wear protective gloves and eye protection.

## SECTION 9: Physical and Chemical Properties

### 9.1. Basic Physical and Chemical Properties

**Appearance:** Data not available.

**Physical State:** Liquid

**Odor:** Data not available.

**Odor Threshold:** Data not available.

**pH:** Data not available.

**Melting/Freezing Point:** Data not available.

**Initial Boiling Point /Range:** Data not available.

**Flash Point:** Data not available.

**Evaporation Rate:** Data not available.

**Flammability:** Data not available.

**Flammability/Explosive Limits:** Data not available.

**Vapor Pressure:** Data not available.

**Vapor Density:** Data not available.

**Relative Density:** 1.00

**Solubility:** Data not available.

**Partition Coefficient (n-Octanol/Water):** Data not available.

**Auto-Ignition Temperature:** Data not available.

**Decomposition Temperature:** Data not available.

**Viscosity:** Data not available.

**Explosive Properties:** Data not available.

**Oxidizing Properties:** Data not available.

## SECTION 10: Stability and Reactivity

### 10.1. Reactivity and Chemical Stability

Stable under normal conditions of use and storage.



## Safety Data Sheet

### 10.2. Possibility of Hazardous Reactions

Data not available.

### 10.3. Conditions to Avoid and Incompatible Materials

Protect from freezing and physical damage.

### 10.4. Hazardous Decomposition Products

May emit irritating fumes when heated to decomposition.

## SECTION 11: Toxicological Information

### 11.1. Information on Toxicological Effects

#### Acute Toxicity - Oral Exposure:

Not applicable.

#### Acute Toxicity - Dermal Exposure:

Not applicable.

#### Acute Toxicity - Inhalation Exposure:

Not applicable.

#### Acute Toxicity - Other Information:

Data not available.

#### Skin Corrosion and Irritation:

Causes skin irritation. Wash arms, hands and face thoroughly after handling. Wear protective gloves and eye protection. IF ON SKIN: Wash with plenty of soap and water. Specific treatment (Wash areas of contact with water immediately). If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

#### Serious Eye Damage and Irritation:

Causes serious eye irritation. Wash arms, hands and face thoroughly after handling. Wear protective gloves and eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

#### Respiratory Sensitization:

Not applicable.

#### Skin Sensitization:

Not applicable.

#### Germ Cell Mutagenicity:

Not applicable.

#### Carcinogenicity:

Not applicable.

#### Reproductive Toxicity:

Not applicable.





## Safety Data Sheet

**Specific Target Organ Toxicity from Single Exposure:**

Not applicable.

**Specific Target Organ Toxicity from Repeated Exposure:**

Not applicable.

**Aspiration Hazard:**

Not applicable.

**Additional Toxicology Information:**

Data not available.

### SECTION 12: Ecological Information

**12.1. Ecotoxicity**

Not applicable.

**12.2. Persistence and Degradability**

Data not available.

**12.3. Bioaccumulative Potential**

Data not available.

**12.4. Mobility in Soil**

Data not available.

**12.5. Other Adverse Ecological Effects**

Data not available.

### SECTION 13: Disposal Considerations

**13.1. Waste Treatment Methods**

Data not available.

## Safety Data Sheet

### SECTION 14: Transportation Information

#### 14.1. Transportation by Land - Department of Transportation (DOT, United States of America)

Not regulated according to DOT Regulations.

Not regulated according to IATA Regulations.

### SECTION 15: Regulatory Information

#### 15.1. Occupational Safety and Health Administration (OSHA) Hazards

Not listed.

#### 15.2. Superfund Amendments and Reauthorization Act (SARA) 302 Extremely Hazardous Substances

Nitric Acid (CAS # 7697-37-2): 1000 lb EPCRA RQ

Nitric Acid (CAS # 7697-37-2): 1000 lb TPQ

#### 15.3. Superfund Amendments and Reauthorization Act (SARA) 311/312 Hazardous Chemicals

Nitric Acid (CAS # 7697-37-2): 1000 lb final RQ; 454 kg final RQ

#### 15.4. Superfund Amendments and Reauthorization Act (SARA) 313 Toxic Release Inventory (TRI)

Nitric Acid (CAS # 7697-37-2): 1.0 % de minimis concentration

Potassium Nitrate (CAS # 7757-79-1): 1.0 % de minimis concentration (reportable only when in aqueous solution, Chemical Category N511)

## Safety Data Sheet

### 15.5. Massachusetts Right-to-Know Substance List

Nitric Acid (CAS # 7697-37-2): Extraordinarily hazardous  
Potassium Nitrate (CAS # 7757-79-1): Present

### 15.6. Pennsylvania Right-to-Know Hazardous Substances

Nitric Acid (CAS # 7697-37-2): Environmental hazard  
Nitric Acid (CAS # 7697-37-2): Present  
Water (CAS # 7732-18-5): Present  
Potassium Nitrate (CAS # 7757-79-1): Present

### 15.7. New Jersey Worker and Community Right-to-Know Components

Nitric Acid (CAS # 7697-37-2): corrosive; reactive - second degree  
Nitric Acid (CAS # 7697-37-2): sn 1356  
Nitric Acid (CAS # 7697-37-2): SN 1356 500 lb TPQ  
Nitric Acid (CAS # 7697-37-2): sn 3722  
Nitric Acid (CAS # 7697-37-2): SN 3722 500 lb TPQ (water dissociable, Category Code N511)  
Potassium Nitrate (CAS # 7757-79-1): sn 1574  
Potassium Nitrate (CAS # 7757-79-1): sn 3722  
Potassium Nitrate (CAS # 7757-79-1): SN 3722 500 lb TPQ (water dissociable, Category Code N511)

### 15.8. California Proposition 65

Not listed.

### 15.9. Canada Domestic Substances List / Non-Domestic Substances List (DSL/NDSL)

Nitric Acid (CAS # 7697-37-2): Present (DSL)  
Water (CAS # 7732-18-5): Present (DSL)  
Potassium Nitrate (CAS # 7757-79-1): Present (DSL)

### 15.10. United States of America Toxic Substances Control Act (TSCA) List

Nitric Acid (CAS # 7697-37-2): Present  
Water (CAS # 7732-18-5): Present  
Potassium Nitrate (CAS # 7757-79-1): Present

### 15.11. European Inventory of Existing Commercial Chemical Substances (EINECS), European List of Notified Chemical Substances (ELINCS), and No Longer Polymers (NLP)

Not listed.

## Safety Data Sheet

### SECTION 16: Other Information

#### 16.1. Full Text of Hazard Statements and Precautionary Statements

Causes skin irritation. Causes serious eye irritation.

Wash arms, hands and face thoroughly after handling. Wear protective gloves and eye protection.

IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment (Wash areas of contact with water immediately). If skin irritation occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing and wash it before reuse.

#### 16.2. Miscellaneous Hazard Classes

**Canadian Carcinogenicity Hazard Class:** Not Applicable.

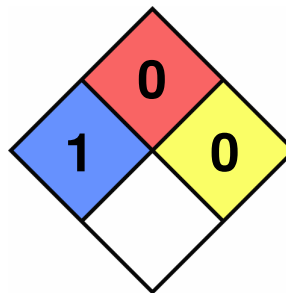
**Physical Hazards Not Otherwise Classified (PHNOC):** Not Applicable.

**Health Hazards Not Otherwise Classified (HHNOC):** Not Applicable.

**Biohazardous Infectious Materials Hazard Class:** Not Applicable.

#### 16.3. National Fire Protection Association (NFPA) Rating

**Health:** 1  
**Flammability:** 0  
**Reactivity:** 0  
**Special Hazard:**



## Safety Data Sheet

### 16.4. Document Revision

**Last Revision Date:** 9/7/2016

### DISCLAIMER

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration of its characteristics by concentration, evaporation, addition of other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and RICCA CHEMICAL COMPANY assumes no legal responsibility or liability whatsoever resulting from its use.

## SAFETY DATA SHEET

Creation Date 24-February-2010

Revision Date 24-December-2021

Revision Number 5

### 1. Identification

<b>Product Name</b>	Reagent Alcohol
<b>Cat No. :</b>	A962-200; A962-4; A962-44LC; A962-F1GAL; A962-P4; A962-RB200; A962-S4; NC1432463; XXA962PD20LI;
<b>Synonyms</b>	Denatured Alcohol; Denatured Ethanol
<b>Recommended Use</b>	Laboratory chemicals.
<b>Uses advised against</b>	Food, drug, pesticide or biocidal product use.

#### Details of the supplier of the safety data sheet

##### Company

**Importer/Distributor**  
Fisher Scientific  
112 Colonnade Road,  
Ottawa, ON K2E 7L6,  
Canada  
Tel: 1-800-234-7437

**Manufacturer**  
Fisher Scientific Company  
One Reagent Lane  
Fair Lawn, NJ 07410  
Tel: (201) 796-7100

**Emergency Telephone Number** CHEMTREC®, Inside the USA: 800-424-9300  
CHEMTREC®, Outside the USA: 001-703-527-3887

### 2. Hazard(s) identification

#### Classification

**WHMIS 2015 Classification** Classified as hazardous under the Hazardous Products Regulations (SOR/2015-17)

<b>Flammable liquids</b>	Category 2
<b>Acute oral toxicity</b>	Category 4
<b>Acute Inhalation Toxicity</b>	Category 4
<b>Serious Eye Damage/Eye Irritation</b>	Category 2
<b>Specific target organ toxicity (single exposure)</b>	Category 1
Target Organs - Central nervous system (CNS), Optic nerve, Respiratory system.	
<b>Specific target organ toxicity - (repeated exposure)</b>	Category 1
Target Organs - Kidney, Liver, spleen, Blood.	

#### Label Elements

**Signal Word**  
Danger

**Hazard Statements**

Highly flammable liquid and vapor  
 Harmful if swallowed or if inhaled  
 Causes serious eye irritation  
 May cause respiratory irritation  
 May cause drowsiness and dizziness  
 Causes damage to organs  
 Causes damage to organs through prolonged or repeated exposure  
 Harmful if inhaled



### Precautionary Statements

#### Prevention

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
 Keep container tightly closed  
 Ground/bond container and receiving equipment  
 Use only non-sparking tools  
 Take precautionary measures against static discharges  
 Do not breathe dust/fumes/gas/mist/vapours/spray  
 Wash face, hands and any exposed skin thoroughly after handling  
 Do not eat, drink or smoke when using this product  
 Use only outdoors or in a well-ventilated area  
 Wear protective gloves/protective clothing/eye protection/face protection

#### Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If exposed or concerned: Call a POISON CENTER/ doctor  
 Call a POISON CENTER/ doctor if you feel unwell  
 Rinse mouth  
 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish

#### Storage

Store locked up  
 Store in a well-ventilated place. Keep container tightly closed

#### Disposal

Dispose of contents/container to an approved waste disposal plant

#### Other Hazards

Poison, may be fatal or cause blindness if swallowed

## 3. Composition/Information on Ingredients

Component	CAS-No	Weight %
Ethyl alcohol	64-17-5	90
Methanol	67-56-1	5.0
Isopropyl alcohol	67-63-0	5.0

## 4. First-aid measures

<b>General Advice</b>	If symptoms persist, call a physician.
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention.
<b>Inhalation</b>	Remove to fresh air. If breathing is difficult, give oxygen. Get medical attention.
<b>Ingestion</b>	Do NOT induce vomiting. Call a physician or poison control center immediately.
<b>Most important symptoms/effects</b>	Difficulty in breathing. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting: May cause blindness
<b>Notes to Physician</b>	Treat symptomatically

## 5. Fire-fighting measures

<b>Suitable Extinguishing Media</b>	Water spray, carbon dioxide (CO <sub>2</sub> ), dry chemical, alcohol-resistant foam. Water mist may be used to cool closed containers.
<b>Unsuitable Extinguishing Media</b>	Water may be ineffective
<b>Flash Point</b>	12.8 - 14.4 °C / 55 - 57.9 °F
<b>Method -</b>	No information available
<b>Autoignition Temperature</b>	362.8 °C / 685 °F
<b>Explosion Limits</b>	
<b>Upper</b>	19 vol %
<b>Lower</b>	3.3 vol %
<b>Sensitivity to Mechanical Impact</b>	No information available
<b>Sensitivity to Static Discharge</b>	No information available

### Specific Hazards Arising from the Chemical

Flammable. Risk of ignition. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Containers may explode when heated. Vapors may form explosive mixtures with air.

### Hazardous Combustion Products

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Thermal decomposition can lead to release of irritating gases and vapors.

### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### NFPA

<b>Health</b> 3	<b>Flammability</b> 3	<b>Instability</b> 0	<b>Physical hazards</b> N/A
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## 6. Accidental release measures

<b>Personal Precautions</b>	Use personal protective equipment as required. Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges.
<b>Environmental Precautions</b>	Should not be released into the environment. Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological Information.
<b>Methods for Containment and Clean Up</b>	Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.

## 7. Handling and storage



**Handling** Wear personal protective equipment/face protection. Do not get in eyes, on skin, or on clothing. Ensure adequate ventilation. Avoid ingestion and inhalation. Keep away from open flames, hot surfaces and sources of ignition. Use only non-sparking tools. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Take precautionary measures against static discharges.

**Storage.** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks and flame. Flammables area. Incompatible Materials. Strong oxidizing agents. Strong acids. Strong bases. Metals. Acid anhydrides. Acid chlorides.

**8. Exposure controls / personal protection**

**Exposure Guidelines**

Component	Alberta	British Columbia	Ontario TWAEV	Quebec	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethyl alcohol	TWA: 1000 ppm TWA: 1880 mg/m <sup>3</sup>	STEL: 1000 ppm	STEL: 1000 ppm	STEL: 1000 ppm	STEL: 1000 ppm	(Vacated) TWA: 1000 ppm (Vacated) TWA: 1900 mg/m <sup>3</sup> TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>
Methanol	TWA: 200 ppm TWA: 262 mg/m <sup>3</sup> STEL: 250 ppm STEL: 328 mg/m <sup>3</sup> Skin	TWA: 200 ppm STEL: 250 ppm Skin	TWA: 200 ppm STEL: 250 ppm Skin	TWA: 200 ppm TWA: 262 mg/m <sup>3</sup> STEL: 250 ppm STEL: 328 mg/m <sup>3</sup> Skin	TWA: 200 ppm STEL: 250 ppm Skin	(Vacated) TWA: 200 ppm (Vacated) TWA: 260 mg/m <sup>3</sup> (Vacated) STEL: 250 ppm (Vacated) STEL: 325 mg/m <sup>3</sup> Skin TWA: 200 ppm TWA: 260 mg/m <sup>3</sup>	IDLH: 6000 ppm TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> STEL: 250 ppm STEL: 325 mg/m <sup>3</sup>
Isopropyl alcohol	TWA: 200 ppm TWA: 492 mg/m <sup>3</sup> STEL: 400 ppm STEL: 984 mg/m <sup>3</sup>	TWA: 200 ppm STEL: 400 ppm	TWA: 200 ppm STEL: 400 ppm	TWA: 400 ppm TWA: 985 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1230 mg/m <sup>3</sup>	TWA: 200 ppm STEL: 400 ppm	(Vacated) TWA: 400 ppm (Vacated) TWA: 980 mg/m <sup>3</sup> (Vacated) STEL: 500 ppm (Vacated) STEL: 1225 mg/m <sup>3</sup> TWA: 400 ppm TWA: 980 mg/m <sup>3</sup>	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>

**Legend**

ACGIH - American Conference of Governmental Industrial Hygienists

OSHA - Occupational Safety and Health Administration

NIOSH IDLH: NIOSH - National Institute for Occupational Safety and Health

**Engineering Measures**

Use only under a chemical fume hood. Use explosion-proof electrical/ventilating/lighting/equipment. Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation, especially in confined areas.

Wherever possible, engineering control measures such as the isolation or enclosure of the process, the introduction of process or equipment changes to minimise release or contact, and the use of properly designed ventilation systems, should be adopted to control hazardous materials at source

**Personal protective equipment**

**Eye Protection**

Goggles

**Hand Protection**

Wear appropriate protective gloves and clothing to prevent skin exposure.

Glove material	Breakthrough time	Glove thickness	Glove comments
Nitrile rubber Neoprene Natural rubber PVC	See manufacturers recommendations	-	Splash protection only

Inspect gloves before use. observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. (Refer to manufacturer/supplier for information) gloves are suitable for the task: Chemical compatability, Dexterity, Operational conditions, User susceptibility, e.g. sensitisation effects, also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. gloves with care avoiding skin contamination.

#### Respiratory Protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

To protect the wearer, respiratory protective equipment must be the correct fit and be used and maintained properly

**Recommended Filter type:** Organic gases and vapours filter Type A Brown conforming to EN14387

When RPE is used a face piece Fit Test should be conducted

#### Environmental exposure controls

Prevent product from entering drains. Do not allow material to contaminate ground water system.

#### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

<b>Physical State</b>	Liquid
<b>Appearance</b>	Clear
<b>Odor</b>	Alcohol-like
<b>Odor Threshold</b>	No information available
<b>pH</b>	No information available
<b>Melting Point/Range</b>	-114.1 °C / -173.4 °F
<b>Boiling Point/Range</b>	78.5 °C / 173.3 °F
<b>Flash Point</b>	12.8 - 14.4 °C / 55 - 57.9 °F
<b>Evaporation Rate</b>	No information available
<b>Flammability (solid,gas)</b>	Not applicable
<b>Flammability or explosive limits</b>	
<b>Upper</b>	19 vol %
<b>Lower</b>	3.3 vol %
<b>Vapor Pressure</b>	44 mmHg
<b>Vapor Density</b>	1.24
<b>Specific Gravity</b>	0.8
<b>Solubility</b>	miscible
<b>Partition coefficient; n-octanol/water</b>	No data available
<b>Autoignition Temperature</b>	362.8 °C / 685 °F
<b>Decomposition Temperature</b>	No information available
<b>Viscosity</b>	No information available

## 10. Stability and reactivity

<b>Reactive Hazard</b>	None known, based on information available
<b>Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Incompatible products. Heat, flames and sparks. Keep away from open flames, hot surfaces and sources of ignition.
<b>Incompatible Materials</b>	Strong oxidizing agents, Strong acids, Strong bases, Metals, Acid anhydrides, Acid

chlorides

**Hazardous Decomposition Products** Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), Thermal decomposition can lead to release of irritating gases and vapors

**Hazardous Polymerization** Hazardous polymerization does not occur.

**Hazardous Reactions** None under normal processing.

## 11. Toxicological information

### Acute Toxicity

#### Product Information

**Oral LD50**

Category 4. ATE = 300 - 2000 mg/kg.

**Dermal LD50**

Based on ATE data, the classification criteria are not met. ATE > 2000 mg/kg.

**Vapor LC50**

Category 4. ATE = 10 - 20 mg/l.

#### Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethyl alcohol	LD50 = 10470 mg/kg OECD 401 (Rat) 3450 mg/kg ( Mouse )	Not listed	LC50 = 117-125 mg/l (4h) OECD 403 (rat) 20000 ppm/10H (rat)
Methanol	LD50 = 1187 – 2769 mg/kg (Rat)	LD50 = 17100 mg/kg ( Rabbit )	LC50 = 128.2 mg/L ( Rat ) 4 h
Isopropyl alcohol	5045 mg/kg ( Rat ) 3600 mg/kg ( Mouse )	12800 mg/kg ( Rat )	72.6 mg/L ( Rat ) 4 h

**Toxicologically Synergistic Products** No information available

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Irritation** Irritating to eyes and respiratory system

**Sensitization** No information available

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. Ethanol has been shown to be carcinogenic in long-term studies only when consumed and abused as an alcoholic beverage.

Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
Ethyl alcohol	64-17-5	Not listed	Known	A3	Not listed	A3
Methanol	67-56-1	Not listed	Not listed	Not listed	Not listed	Not listed
Isopropyl alcohol	67-63-0	Not listed	Not listed	Not listed	Not listed	Not listed

*IARC (International Agency for Research on Cancer)*

*IARC (International Agency for Research on Cancer)*

*Group 1 - Carcinogenic to Humans*

*Group 2A - Probably Carcinogenic to Humans*

*Group 2B - Possibly Carcinogenic to Humans*

*NTP: (National Toxicity Program)*

*Known - Known Carcinogen*

*Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen*

*A1 - Known Human Carcinogen*

*A2 - Suspected Human Carcinogen*

*A3 - Animal Carcinogen*

*ACGIH: (American Conference of Governmental Industrial Hygienists)*

*NTP: (National Toxicity Program)*

*ACGIH: (American Conference of Governmental Industrial Hygienists)*

**Mutagenic Effects** No information available

**Reproductive Effects** No information available.

**Developmental Effects** Component substance is listed on California Proposition 65 as a developmental hazard.

**Teratogenicity** No information available.

**STOT - single exposure** Central nervous system (CNS) Optic nerve Respiratory system

**STOT - repeated exposure** Kidney Liver spleen Blood

**Aspiration hazard** No information available

**Symptoms / effects, both acute and delayed** Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting: May cause blindness

**Endocrine Disruptor Information** No information available

**Other Adverse Effects** The toxicological properties have not been fully investigated.

## 12. Ecological information

**Ecotoxicity**

Contains a substance which is: Toxic to aquatic organisms. The product contains following substances which are hazardous for the environment.

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Ethyl alcohol	EC50 (72h) = 275 mg/l (Chlorella vulgaris)	Fathead minnow (Pimephales promelas) LC50 = 14200 mg/l/96h	Photobacterium phosphoreum: EC50 = 34634 mg/L/30 min Photobacterium phosphoreum: EC50 = 35470 mg/L/5 min	EC50 = 9268 mg/L/48h EC50 = 10800 mg/L/24h
Methanol	Not listed	Pimephales promelas: LC50 > 10000 mg/L 96h	EC50 = 39000 mg/L 25 min EC50 = 40000 mg/L 15 min EC50 = 43000 mg/L 5 min	EC50 > 10000 mg/L 24h
Isopropyl alcohol	EC50: > 1000 mg/L, 96h (Desmodesmus subspicatus) EC50: > 1000 mg/L, 72h (Desmodesmus subspicatus)	LC50: = 9640 mg/L, 96h flow-through (Pimephales promelas) LC50: > 1400000 µg/L, 96h (Lepomis macrochirus) LC50: = 11130 mg/L, 96h static (Pimephales promelas) LC50: = 10000000 µg/L, 96h (Daphnia)	= 35390 mg/L EC50 Photobacterium phosphoreum 5 min	13299 mg/L EC50 = 48 h 9714 mg/L EC50 = 24 h

**Persistence and Degradability** Persistence is unlikely based on information available.

**Bioaccumulation/ Accumulation** No information available.

**Mobility** Will likely be mobile in the environment due to its volatility.

Component	log Pow
Ethyl alcohol	-0.32
Methanol	-0.74
Isopropyl alcohol	0.05

## 13. Disposal considerations

**Waste Disposal Methods** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

Component	RCRA - U Series Wastes	RCRA - P Series Wastes
Methanol - 67-56-1	U154	-

## 14. Transport information

**DOT**

**UN-No** UN1987  
**Proper Shipping Name** ALCOHOLS, N.O.S  
**Hazard Class** 3  
**Packing Group** II

**TDG**

UN-No	UN1987
Proper Shipping Name	ALCOHOLS, N.O.S
Hazard Class	3
Packing Group	II

**IATA**

UN-No	UN1987
Proper Shipping Name	ALCOHOLS, N.O.S
Hazard Class	3
Packing Group	II

**IMDG/IMO**

UN-No	UN1987
Proper Shipping Name	ALCOHOLS, N.O.S
Hazard Class	3
Packing Group	II

## 15. Regulatory information

**International Inventories**

Component	CAS-No	DSL	NDSL	TSCA	TSCA Inventory notification - Active-Inactive	EINECS	ELINCS	NLP
Ethyl alcohol	64-17-5	X	-	X	ACTIVE	200-578-6	-	-
Methanol	67-56-1	X	-	X	ACTIVE	200-659-6	-	-
Isopropyl alcohol	67-63-0	X	-	X	ACTIVE	200-661-7	-	-

Component	CAS-No	IECSC	KECL	ENCS	ISHL	TCSI	AICS	NZIoC	PICCS
Ethyl alcohol	64-17-5	X	KE-13217	X	X	X	X	X	X
Methanol	67-56-1	X	KE-23193	X	X	X	X	X	X
Isopropyl alcohol	67-63-0	X	KE-29363	X	X	X	X	X	X

**Legend:**

X - Listed '-' - Not Listed

**KECL** - NIER number or KE number (<http://ncis.nier.go.kr/en/main.do>)**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances**IECSC** - Chinese Inventory of Existing Chemical Substances**KECL** - Korean Existing and Evaluated Chemical Substances**ENCS** - Japanese Existing and New Chemical Substances**AICS** - Australian Inventory of Chemical Substances**PICCS** - Philippines Inventory of Chemicals and Chemical Substances**Canada**

SDS in compliance with provisions of information as set out in Canadian Standard - Part 4, Schedule 1 and 2 of the Hazardous Products Regulations (HPR) and meets the requirements of the HPR (Paragraph 13(1)(a) of the Hazardous Products Act (HPA)).

Component	Canada - National Pollutant Release Inventory (NPRI)	Canadian Environmental Protection Agency (CEPA) - List of Toxic Substances	Canada's Chemicals Management Plan (CEPA)
Ethyl alcohol	Part 5, Individual Substances Part 4 Substance		
Methanol	Part 1, Group A Substance Part 5, Individual Substances Part 4 Substance		
Isopropyl alcohol	Part 1, Group A Substance Part 5, Individual Substances Part 4 Substance		

**Other International Regulations**

## Authorisation/Restrictions according to EU REACH

Component	REACH (1907/2006) - Annex XIV - Substances Subject to Authorization	REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances	REACH Regulation (EC 1907/2006) article 59 - Candidate List of Substances of Very High Concern (SVHC)
Methanol	-	Use restricted. See item 69. (see link for restriction details)	-
Isopropyl alcohol	-	Use restricted. See item 75. (see link for restriction details)	-

<https://echa.europa.eu/substances-restricted-under-reach>

## Safety, health and environmental regulations/legislation specific for the substance or mixture

Component	CAS-No	OECD HPV	Persistent Organic Pollutant	Ozone Depletion Potential	Restriction of Hazardous Substances (RoHS)
Ethyl alcohol	64-17-5	Listed	Not applicable	Not applicable	Not applicable
Methanol	67-56-1	Listed	Not applicable	Not applicable	Not applicable
Isopropyl alcohol	67-63-0	Listed	Not applicable	Not applicable	Not applicable

Component	CAS-No	Seveso III Directive (2012/18/EC) - Qualifying Quantities for Major Accident Notification	Seveso III Directive (2012/18/EC) - Qualifying Quantities for Safety Report Requirements	Rotterdam Convention (PIC)	Basel Convention (Hazardous Waste)
Ethyl alcohol	64-17-5	Not applicable	Not applicable	Not applicable	Annex I - Y42
Methanol	67-56-1	500 tonne	5000 tonne	Not applicable	Not applicable
Isopropyl alcohol	67-63-0	Not applicable	Not applicable	Not applicable	Annex I - Y42

## 16. Other information

## Prepared By

Regulatory Affairs  
Thermo Fisher Scientific  
Email: EMSDS.RA@thermofisher.com

## Creation Date

24-February-2010

## Revision Date

24-December-2021

## Print Date

24-December-2021

## Revision Summary

This document has been updated to comply with the requirements of WHMIS 2015 to align with the Globally Harmonised System (GHS) for the Classification and Labelling of Chemicals.

## Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of SDS**



# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Revision Date 01/26/2015

Version 1.3

## SECTION 1. Identification

### Product identifier

Product number	119797
Product name	Silver standard solution traceable to SRM from NIST AgNO <sub>3</sub> in HNO <sub>3</sub> 0.5 mol/l 1000 mg/l Ag Certipur®

### Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Reagent for analysis
-----------------	----------------------

### Details of the supplier of the safety data sheet

Company	EMD Millipore Corporation   290 Concord Road, Billerica, MA 01821, United States of America   General Inquiries: +1-978-715-4321   Monday to Friday, 9:00 AM to 4:00 PM Eastern Time (GMT-5)
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Emergency telephone	800-424-9300 CHEMTREC (USA) +1-703-527-3887 CHEMTREC (International) 24 Hours/day; 7 Days/week
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## SECTION 2. Hazards identification

### GHS Classification

Corrosive to Metals, Category 1, H290  
Skin irritation, Category 2, H315  
Eye irritation, Category 2A, H319

For the full text of the H-Statements mentioned in this Section, see Section 16.

### GHS-Labeling

*Hazard pictograms*



*Signal Word*  
Warning

*Hazard Statements*

H290 May be corrosive to metals.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.

# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number	119797	Version 1.3
Product name	Silver standard solution traceable to SRM from NIST AgNO <sub>3</sub> in HNO <sub>3</sub> 0.5 mol/l 1000 mg/l Ag Certipur®	

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## *Precautionary Statements*

P234 Keep only in original container.

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ eye protection/ face protection.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 Specific treatment (see supplemental first aid instructions on this label).

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

P390 Absorb spillage to prevent material damage.

P406 Store in corrosive resistant stainless steel container with a resistant inliner.

## **Other hazards**

None known.

---

## **SECTION 3. Composition/information on ingredients**

Chemical nature Nitric acid solution.

### **Hazardous ingredients**

*Chemical Name (Concentration)*

CAS-No.

*nitric acid (>= 1 % - < 5 % )*

7697-37-2

Exact percentages are being withheld as a trade secret.

---

## **SECTION 4. First aid measures**

### **Description of first-aid measures**

#### *Inhalation*

After inhalation: fresh air.

#### *Skin contact*

After skin contact: wash off with plenty of water. Remove contaminated clothing.

#### *Eye contact*

After eye contact: rinse out with plenty of water. Call in ophthalmologist.

#### *Ingestion*

After swallowing: immediately make victim drink water (two glasses at most). Consult a physician.

Never give anything by mouth to an unconscious person.

### **Most important symptoms and effects, both acute and delayed**

irritant effects, Cough, Shortness of breath

The following applies to soluble silver compounds: only slightly absorbed via the gastrointestinal tract. Strong irritations after contact with eyes and skin.

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# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number

119797

Version 1.3

Product name

Silver standard solution traceable to SRM from NIST AgNO<sub>3</sub> in HNO<sub>3</sub> 0.5 mol/l  
1000 mg/l Ag Certipur®

---

The following applies to nitrites/nitrates in general: methemoglobinemia after the uptake of large quantities.

## Indication of any immediate medical attention and special treatment needed

No information available.

---

## SECTION 5. Fire-fighting measures

### Extinguishing media

#### *Suitable extinguishing media*

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### *Unsuitable extinguishing media*

For this substance/mixture no limitations of extinguishing agents are given.

### Special hazards arising from the substance or mixture

Ambient fire may liberate hazardous vapors.

### Advice for firefighters

#### *Special protective equipment for fire-fighters*

Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

#### *Further information*

Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

---

## SECTION 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert.

Advice for emergency responders:

Protective equipment see section 8.

### Environmental precautions

Do not let product enter drains.

### Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10).

Take up with liquid-absorbent and neutralizing material (e.g. Chemizorb® H<sup>+</sup>, Art. No. 101595).

Dispose of properly. Clean up affected area.

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## SECTION 7. Handling and storage

### Precautions for safe handling

Observe label precautions.

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# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number 119797 Version 1.3  
Product name Silver standard solution traceable to SRM from NIST AgNO<sub>3</sub> in HNO<sub>3</sub> 0.5 mol/l  
1000 mg/l Ag Certipur®

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## Conditions for safe storage, including any incompatibilities

Tightly closed. Protected from light.

Store at +15°C to +25°C (+59°F to +77°F).

---

## SECTION 8. Exposure controls/personal protection

### Exposure limit(s)

#### Ingredients

Basis	Value	Threshold limits	Remarks
<i>nitric acid 7697-37-2</i>			
ACGIH	Time Weighted Average (TWA):	2 ppm	
	Short Term Exposure Limit (STEL):	4 ppm	
NIOSH/GUIDE	Recommended exposure limit (REL):	2 ppm	
		5 mg/m <sup>3</sup>	
	Short Term Exposure Limit (STEL):	4 ppm	
		10 mg/m <sup>3</sup>	
OSHA_TRANS	PEL:	2 ppm	
		5 mg/m <sup>3</sup>	
Z1A	Time Weighted Average (TWA):	2 ppm	
		5 mg/m <sup>3</sup>	
	Short Term Exposure Limit (STEL):	4 ppm	
		10 mg/m <sup>3</sup>	

### Engineering measures

Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.

### Individual protection measures

Protective clothing should be selected specifically for the workplace, depending on concentration and quantity of the hazardous substances handled. The chemical resistance of the protective equipment should be inquired at the respective supplier.

### Hygiene measures

Immediately change contaminated clothing. Apply skin- protective barrier cream. Wash hands and face after working with substance.

### Eye/face protection

Safety glasses

### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

### Other protective equipment:

protective clothing

### Respiratory protection

required when vapors/aerosols are generated.

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# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number	119797	Version 1.3
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Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

---

## SECTION 9. Physical and chemical properties

Physical state	liquid
Color	colorless
Odor	odorless
Odor Threshold	No information available.
pH	ca. 0.5 at 68 °F (20 °C)
Melting point	No information available.
Boiling point	No information available.
Flash point	Not applicable
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Lower explosion limit	No information available.
Upper explosion limit	No information available.
Vapor pressure	No information available.
Relative vapor density	No information available.
Density	ca. 1.013 g/cm <sup>3</sup> at 68 °F (20 °C)
Relative density	No information available.
Water solubility	at 68 °F (20 °C) soluble
Partition coefficient: n-octanol/water	Not applicable
Autoignition temperature	No information available.
Decomposition temperature	No information available.

# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number	119797	Version 1.3
Product name	Silver standard solution traceable to SRM from NIST AgNO <sub>3</sub> in HNO <sub>3</sub> 0.5 mol/l 1000 mg/l Ag Certipur®	

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Viscosity, dynamic	No information available.
Explosive properties	No information available.
Oxidizing properties	No information available.
Corrosion	May be corrosive to metals.

---

## SECTION 10. Stability and reactivity

### Reactivity

See below

### Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

### Possibility of hazardous reactions

increased reactivity with:

oxidizable substances, organic solvent, Metals, metal alloys, Alkali metals, Alkaline earth metals, Ammonia, alkalines, acids

### Conditions to avoid

no information available

### Incompatible materials

Metals, metal alloys

### Hazardous decomposition products

in the event of fire: See section 5.

---

## SECTION 11. Toxicological information

### Information on toxicological effects

#### *Likely route of exposure*

Eye contact, Skin contact

#### *Target Organs*

Eyes

Skin

Respiratory system

teeth

#### *Acute oral toxicity*

Symptoms: Irritations of mucous membranes in the mouth, pharynx, oesophagus and gastrointestinal tract.

#### *Acute inhalation toxicity*

Symptoms: mucosal irritations, Cough, Shortness of breath

#### *Skin irritation*

Irritations

---

# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number

119797

Version 1.3

Product name

Silver standard solution traceable to SRM from NIST AgNO<sub>3</sub> in HNO<sub>3</sub> 0.5 mol/l  
1000 mg/l Ag Certipur®

---

## *Eye irritation*

Irritations

### *Specific target organ systemic toxicity - single exposure*

The substance or mixture is not classified as specific target organ toxicant, single exposure.

### *Specific target organ systemic toxicity - repeated exposure*

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

### *Aspiration hazard*

Regarding the available data the classification criteria are not fulfilled.

## **Carcinogenicity**

IARC

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

ACGIH

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

## **Further information**

Quantitative data on the toxicity of this product are not available.

Other information

The following applies to soluble silver compounds: only slightly absorbed via the gastrointestinal tract. Strong irritations after contact with eyes and skin.

Further data:

Other dangerous properties can not be excluded.

Handle in accordance with good industrial hygiene and safety practice.

## **Ingredients**

### *nitric acid*

#### *Skin irritation*

Rabbit

Result: Causes severe burns.

(IUCLID)

#### *Eye irritation*

Rabbit

Result: Causes burns.

(IUCLID)

#### *Germ cell mutagenicity*

# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number	119797	Version 1.3
Product name	Silver standard solution traceable to SRM from NIST AgNO <sub>3</sub> in HNO <sub>3</sub> 0.5 mol/l 1000 mg/l Ag Certipur®	

---

### *Genotoxicity in vitro*

Ames test

Salmonella typhimurium

Result: negative

Method: OECD Test Guideline 471

---

## SECTION 12. Ecological information

### Ecotoxicity

No information available.

### Persistence and degradability

No information available.

### Bioaccumulative potential

*Partition coefficient: n-octanol/water*

Not applicable

### Mobility in soil

No information available.

### *Additional ecological information*

We have no quantitative data concerning the ecological effects of this product.

Further information on ecology

Discharge into the environment must be avoided.

## Ingredients

### *nitric acid*

*Toxicity to fish*

LC50 *Gambusia affinis* (Mosquito fish): 72 mg/l; 96 h (IUCLID)

### *Biodegradability*

The methods for determining the biological degradability are not applicable to inorganic substances.

Substance does not meet the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII.

### *Henry constant*

2482 Pa·m<sup>3</sup>/mol

Method: (calculated)

(Lit.) Distribution preferentially in air.

---

## SECTION 13. Disposal considerations

The information presented only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. Disposal should be in accordance with applicable regional, national and local laws and regulations.

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# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number	119797	Version 1.3
Product name	Silver standard solution traceable to SRM from NIST AgNO <sub>3</sub> in HNO <sub>3</sub> 0.5 mol/l 1000 mg/l Ag Certipur®	

---

## SECTION 14. Transport information

### Land transport (DOT)

UN number	UN 3264
Proper shipping name	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (CONT. NITRIC ACID NOT MORE THAN 5%, SILVER NITRATE)
Class	8
Packing group	III
Environmentally hazardous	--

### Air transport (IATA)

UN number	UN 3264
Proper shipping name	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (CONT. NITRIC ACID SOLUTION, SILVER NITRATE SOLUTION)
Class	8
Packing group	III
Environmentally hazardous	--
Special precautions for user	no

### Sea transport (IMDG)

UN number	UN 3264
Proper shipping name	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (CONT. NITRIC ACID NOT MORE THAN 5%, SILVER NITRATE SOLUTION)
Class	8
Packing group	III
Environmentally hazardous	--
Special precautions for user	yes
EmS	F-A S-B

---

## SECTION 15. Regulatory information

### United States of America

#### SARA 313

The following components are subject to reporting levels established by SARA Title III, Section 313:

#### *Ingredients*

nitric acid	7697-37-2	2.4362 %
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#### SARA 302

The following components are subject to reporting levels established by SARA Title III, Section 302:

#### *Ingredients*

nitric acid	7697-37-2
-------------	-----------

---

# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number

119797

Version 1.3

Product name

Silver standard solution traceable to SRM from NIST AgNO<sub>3</sub> in HNO<sub>3</sub> 0.5 mol/l  
1000 mg/l Ag Certipur®

---

## DEA List I

Not listed

## DEA List II

Not listed

## US State Regulations

### Massachusetts Right To Know

#### *Ingredients*

nitric acid

### Pennsylvania Right To Know

#### *Ingredients*

nitric acid

### New Jersey Right To Know

#### *Ingredients*

nitric acid

### California Prop 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

## Notification status

TSCA: All components of the product are listed in the TSCA-inventory.

DSL: All components of this product are on the Canadian DSL.

KOREA: Not in compliance with the inventory

---

## SECTION 16. Other information

### Training advice

Provide adequate information, instruction and training for operators.

### Labeling

#### *Hazard pictograms*



#### *Signal Word*

Warning

#### *Hazard Statements*

H290 May be corrosive to metals.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

---



# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number	119797	Version 1.3
Product name	Silver standard solution traceable to SRM from NIST AgNO <sub>3</sub> in HNO <sub>3</sub> 0.5 mol/l 1000 mg/l Ag Certipur®	

---

## *Precautionary Statements*

### Prevention

P273 Avoid release to the environment.

### Response

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P313 Get medical advice/ attention.

## **Full text of H-Statements referred to under sections 2 and 3.**

H290	May be corrosive to metals.
H315	Causes skin irritation.
H319	Causes serious eye irritation.

## **Key or legend to abbreviations and acronyms used in the safety data sheet**

Used abbreviations and acronyms can be looked up at [www.wikipedia.org](http://www.wikipedia.org).

Revision Date 01/26/2015

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The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to appropriate safety precautions. It does not represent a warranty of any product properties and we assume no liability for any loss or injury which may result from the use of this information. Users should conduct their own investigations to determine the suitability of the information.

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# Safety Data Sheet

## Section 1. Substance Identity and Company Contact Information

**Product Name** WAD A Reagent **Product Part Number(s)** A001416  
**Trade Name** This product is proprietary material. **Unit Size** 5 grams, 10mL  
**Company** EZkem Corporation 1045 Cannon Drive Hood River, OR 97031, Phone: (541) 387-0343, Fax: (877) 576-6791

**Emergency No. 1-800-424-9300 (Chemtrec).** Use only in the event of chemical emergencies involving spills, leaks, fire, exposure, or accidents involving chemicals.

## Section 2. Hazards Identification

### Pictogram(s)



### Signal Word

Danger

### Precautionary Statement(s)

Causes severe skin burns and eye damage. Toxic if swallowed and inhaled. Corrosive. May cause severe respiratory tract irritation with possible burns. May cause severe digestive tract irritation with possible burns.

### Target Organ(s)

N/A

### Potential Health Effects

**Eye:** Causes burns. May cause conjunctivitis and corneal damage.  
**Skin:** Causes burns. May cause skin rash (in milder cases), and cold and clammy skin with cyanosis or pale color.  
**Ingestion:** May cause severe and permanent damage to the digestive tract. May cause gastrointestinal tract burns. May cause perforation of the digestive tract. May cause systematic effects.  
**Inhalation:** Causes chemical burns to the respiratory tract. Inhalation may be fatal as a result of spasm, inflammation, edema of the larynx and bronchi, chemical pneumonitis, and pulmonary edema. May cause systematic effects. May cause burning sensations, coughing, wheezing, laryngitis, shortness of breath, headache, nausea, and vomiting.

### Chronic Effects/ Carcinogenicity

IARC: Not available  
NTP: Not available  
OSHA: Not available

### Teratology (Birth Defects) Information

N/A

### Reproductive Information

N/A

### NFPA Ratings

Health: 3  
Flammability: 0  
Reactivity: 0  
Special Notice Key: None

<b>HMIS Rating</b>	Health:	1
	Flammability:	0
	Reactivity:	0
	Protective Equipment:	B (protective eyewear and gloves)

### Section 3. Chemical Composition and Data on Components

Ingredient	CAS No.	Percent	Hazard Data	
			ACGIH TLV	OSHA PEL

Identity is withheld as a trade secret per OAR 437, Division 2, General Occupational Safety and Health Rules (29 CFR 1910).

### Section 4. First Aid Measures

<b>General Advice</b>	Treat symptomatically and supportively.
<b>If Inhaled</b>	Get medical aid immediately, remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Do not use mouth-to-mouth resuscitation if the victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.
<b>In Case of Skin Contact</b>	Get medical aid immediately. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Destroy contaminated shoes.
<b>In Case of Eye Contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately. Do NOT allow the victim to rub eyes or keep eyes closed. Extensive eye irrigation with water is required (at least 30 minutes).
<b>If Swallowed</b>	Never give anything by mouth to an unconscious person. Get medical aid immediately. Induce vomiting. If conscious and alert, rinse the mouth and drink 2-4 cups of mild or water.
<b>Indication of Any Immediate Medical Attention and Special Treatment Needed</b>	No data available

### Section 5. Fire-fighting Measures

<b>General Information</b>	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Vapors may be heavier than air. They can spread along the grounds and collect in low or confined areas.
<b>Suitable Extinguishing Media</b>	Use water, dry chemical, chemical foam, or alcohol-resistant foam. Water may be ineffective.
<b>Special Hazards Arising from the Substance or mixture</b>	Not available
<b>Advice for Firefighters</b>	Wear a self-contained breathing apparatus for fire fighting, if necessary.
<b>Flash Point</b>	> 110 °C (> 230 °F)
<b>Autoignition Temperature</b>	N/A
<b>Further Information</b>	No data available

## Section 6. Accidental Release Measures

<b>Personal Precautions, Protective Equipment, and Emergency Procedures</b>	Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.
<b>Environmental Precautions</b>	No special environmental precautions required.
<b>Methods and Materials for Containment and Cleaning</b>	Absorb spills using an absorbent, non-combustible material such as earth, sand, or vermiculite. Do not use combustible materials such as sawdust. Provide ventilation.
<b>Reference to Other Sections</b>	For disposal, see Section 13.

## Section 7. Handling and Storage

<b>Precautions for Safe Handling</b>	Wash thoroughly after handling, remove contaminated clothing and wash before reuse. Use only in well-ventilated areas. Do not get in eyes, on skin, or on clothing. Keep containers tightly closed. Do not ingest or inhale. Use and store under nitrogen. Use only in a chemical fume hood. Discard contaminated shoes. Do not breathe vapor.
<b>Conditions for Safe Storage, Including any Incompatibilities</b>	Store in a cool, dry, well-ventilated area away from incompatible substances. Store in a corrosives area. Keep containers tightly closed.
<b>Specific End Use(s)</b>	Apart from the uses mentioned in Section 1, no other specific uses are stipulated.

## Section 8. Exposure Controls and Personal Protection

<b>Components with Workplace Control Parameters</b>	Not available
<b>Appropriate Engineering Controls</b>	General industrial hygiene practice
<b>Eye/Face Protection</b>	Wear appropriate protective eyeglasses or chemical safety goggles.
<b>Skin Protection</b>	Wear appropriate protective gloves and clothing to prevent skin exposure.
<b>Body Protection</b>	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and the specific work-place.
<b>Respiratory Protection</b>	Employ a respiratory protection program. Facilities storing or using this material should be equipped with an eyewash facility and safety shower. Use adequate ventilation to keep airborne concentrations low.
<b>Control of Environmental Exposure</b>	No special environmental precautions required.

## Section 9. Physical and Chemical Properties

<b>Appearance</b>	Form: Liquid; Color: Clear, colorless
<b>Odor</b>	None
<b>Odor Threshold</b>	No data available
<b>pH</b>	Not available
<b>Melting Point/Freezing Point</b>	Not available
<b>Initial Boiling Point and Boiling Range</b>	140 ° - 150 °C
<b>Flash Point</b>	> 110 °C (> 230 °F)
<b>Evaporation Rate</b>	No data available
<b>Flammability (solid, gas)</b>	Not available
<b>Upper/Lower Flammability or Explosive Limits</b>	No data available
<b>Vapor Pressure</b>	Not available
<b>Vapor Density</b>	5.53
<b>Relative Density</b>	Not available
<b>Water Solubility</b>	Not available
<b>Partition Coefficient : n-octanol/water</b>	No data available

<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive Properties</b>	No data available
<b>Oxidizing Properties</b>	No data available
<b>Other Safety Information</b>	No data available

## Section 10. Stability and Reactivity

<b>Reactivity</b>	No data available
<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	No data available
<b>Conditions to Avoid</b>	Incompatible materials, strong oxidants
<b>Incompatible Materials</b>	Nitrogen oxides, carbon monoxide, and carbon dioxide

## Section 11. Toxicological Information

<b>Routes of Exposure</b>	<i>On the skin:</i>	Not available
	<i>On the eye:</i>	Not available
	<i>Inhalation:</i>	Not available
	<i>Ingestion:</i>	Not available
<b>Respiratory or Skin Sensitization</b>	Not available	
<b>Signs and Symptoms of Overexposure</b>	Not available	
<b>Toxicity Data</b>	<i>Oral Rat</i>	Not available

## Section 12. Ecological Information

<b>General Notes</b>	No data available
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## Section 13. Disposal Considerations

<b>Product</b>	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. U.S. EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
<b>Contaminated Packaging</b>	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. U.S. EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

## Section 14. Transport Information

<b>DOT Shipping Name</b>	DOT regulated, small quantity provisions apply (see 49 CFR 173.4)
<b>UN Proper Shipping Name</b>	DOT regulated, small quantity provisions apply (see 49 CFR 173.4)
<b>DOT Hazard Class</b>	DOT regulated, small quantity provisions apply (see 49 CFR 173.4)
<b>Packing Group</b>	DOT regulated, small quantity provisions apply (see 49 CFR 173.4)
<b>UN Number</b>	DOT regulated, small quantity provisions apply (see 49 CFR 173.4)
<b>Hazardous Ingredients</b>	DOT regulated, small quantity provisions apply (see 49 CFR 173.4)
<b>DOT Label</b>	DOT regulated, small quantity provisions apply (see 49 CFR 173.4)
<b>DOT Placard</b>	DOT regulated, small quantity provisions apply (see 49 CFR 173.4)

<b>IMDG Shipping Name</b>	Not available
<b>UN Number</b>	Not available
<b>Class</b>	Not available
<b>Packing Group</b>	Not available

<b>IATA Shipping Name</b>	Not available
<b>Technical Shipping Name</b>	Not available
<b>IATA Hazard Class</b>	Not available
<b>UN Number</b>	Not available
<b>Hazardous Ingredients</b>	Not available
<b>IATA Label</b>	Not available
<b>IATA Placard</b>	Not available

## Section 15. Regulatory Information

<b>OSHA Status</b>	None of the chemicals in this product are considered highly hazardous by OSHA.
<b>TSCA Status</b>	None of the chemicals are on the Health & Safety reporting list.
<b>CERCLA Reportable Quantity</b>	None of the chemicals in this material have an RQ.
<b>SARA Title III</b>	Not listed
<b>RCRA Status</b>	Not listed
<b>California Proposition 65</b>	None of the chemicals in this product are considered highly hazardous substances, priority pollutants, or toxic pollutants under the CWA.
<b>Chemical Weapons Convention</b>	Not listed
<b>TSCA 12 (b)</b>	None of the chemicals are listed under TSCA Section 12b.
<b>SARA 311/312</b>	Acute: Not available Chronic: Not available Fire: Not available Pressure: Not available Reactivity: Not available
<b>Australian Hazchem Code</b>	Not available
<b>Poison Schedule</b>	Not available
<b>WHMIS</b>	This product has a WHMIS classification of E. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations, and the SDS contains all of the information required by those regulations.

## Section 16. Other Information

**Date Prepared: April 14, 2004**

**Revised: August 18, 2020**

For R&D use only. Not for drug, household, or other uses.



# Safety Data Sheet

## Section 1. Substance Identity and Company Contact Information

<b>Product Name</b>	WAD B Reagent	<b>Product Part Number(s)</b>	A001417
<b>Trade Name</b>	This product is proprietary material.	<b>Unit Size</b>	0.1 gram
<b>Company</b>	EZkem Corporation 1045 Cannon Drive Hood River, OR 97031, Phone: (541) 387-0343, Fax: (877) 576-6791		

**Emergency No. 1-800-424-9300 (Chemtrec).** Use only in the event of chemical emergencies involving spills, leaks, fire, exposure, or accidents involving chemicals.

## Section 2. Hazards Identification

### Pictogram(s)



<b>Signal Word</b>	Warning	
<b>Precautionary Statement(s)</b>	May cause eye irritation. May cause skin irritation. May be harmful by inhalation, ingestion, or skin absorption. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.	
<b>Target Organ(s)</b>	Eyes and skin	
<b>Potential Health Effects</b>	Eye:	May cause irritation.
	Skin:	May cause irritation.
	Ingestion:	May cause nausea.
	Inhalation:	May cause irritation.
<b>Chronic Effects/ Carcinogenicity</b>	IARC:	No
	NTP:	No
	OSHA:	No
<b>Teratology (Birth Defects) Information</b>	No data available	
<b>Reproductive Information</b>	No data available	
<b>NFPA Ratings</b>	Health:	0
	Flammability:	0
	Reactivity:	0
	Special Notice Key:	Not available
<b>HMIS Rating</b>	Health:	0
	Flammability:	0
	Reactivity:	0
	Protective Equipment:	B

## Section 3. Chemical Composition and Data on Components

Ingredient	CAS No.	Percent	Hazard Data	
			ACGIH TLV	OSHA PEL

Identity is withheld as a trade secret per OAR 437, Division 2, General Occupational Safety and Health Rules ( 29 CFR 1910).

## Section 4. First Aid Measures

<b>General Advice</b>	Not available
<b>If Inhaled</b>	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
<b>In Case of Skin Contact</b>	Immediately wash skin with soap and copious amounts of water.
<b>In Case of Eye Contact</b>	Immediately flush eyes with copious amounts of water for at least 15 minutes.
<b>If Swallowed</b>	Wash out mouth with water provided person is conscious. Call a physician.
<b>Indication of Any Immediate Medical Attention and Special Treatment Needed</b>	Mildly toxic by ingestion. Poison by intraperitoneal and intravenous routes.

## Section 5. Fire-fighting Measures

<b>General Information</b>	Use normal fire fighting procedures and instructions.
<b>Suitable Extinguishing Media</b>	Use water spray, carbon dioxide, dry chemical powder, or appropriate foam.
<b>Special Hazards Arising from the Substance or mixture</b>	Not available
<b>Advice for Firefighters</b>	Not available
<b>Flash Point</b>	Not available
<b>Autoignition Temperature</b>	Not available
<b>Further Information</b>	No data available

## Section 6. Accidental Release Measures

<b>Personal Precautions, Protective Equipment, and Emergency Procedures</b>	Avoid dust formation, breathing vapors, mist, or gas.
<b>Environmental Precautions</b>	No special environmental precautions required.
<b>Methods and Materials for Containment and Cleaning</b>	Sweep up, place in a bag, and hold for waste disposal. Avoid raising dust. Ventilate the area and wash the spill site after completing material pickup.
<b>Reference to Other Sections</b>	For disposal, see Section 13.

## Section 7. Handling and Storage

<b>Precautions for Safe Handling</b>	Avoid inhalation, contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Wash contaminated clothing before reuse.
<b>Conditions for Safe Storage, Including any Incompatibilities</b>	Keep material tightly closed. Store in a cool, dry place.
<b>Specific End Use(s)</b>	Apart from the uses mentioned in Section 1, no other specific uses are stipulated.



## Section 8. Exposure Controls and Personal Protection

<b>Components with Workplace Control Parameters</b>	Not available
<b>Appropriate Engineering Controls</b>	General industrial hygiene practice
<b>Eye/Face Protection</b>	Face shield and safety glasses
<b>Skin Protection</b>	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
<b>Body Protection</b>	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and the specific work-place.
<b>Respiratory Protection</b>	Wear an appropriate government-approved respirator.
<b>Control of Environmental Exposure</b>	No special environmental precautions required.

## Section 9. Physical and Chemical Properties

<b>Appearance</b>	Form: Powder; Color: Crystalline, white, or yellow
<b>Odor</b>	Not available
<b>Odor Threshold</b>	No data available
<b>pH</b>	Not available
<b>Melting Point/Freezing Point</b>	> 300 °C
<b>Initial Boiling Point and Boiling Range</b>	Not available
<b>Flash Point</b>	No data available
<b>Evaporation Rate</b>	No data available
<b>Flammability (solid, gas)</b>	Not available
<b>Upper/Lower Flammability or Explosive Limits</b>	No data available
<b>Vapor Pressure</b>	Not available
<b>Vapor Density</b>	Not available
<b>Relative Density</b>	Not available
<b>Water Solubility</b>	Not available
<b>Partition Coefficient : n-octanol/water</b>	No data available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive Properties</b>	No data available
<b>Oxidizing Properties</b>	No data available
<b>Other Safety Information</b>	No data available

## Section 10. Stability and Reactivity

<b>Reactivity</b>	No data available
<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	No data available
<b>Conditions to Avoid</b>	No data available
<b>Incompatible Materials</b>	Strong oxidizing agents

## Section 11. Toxicological Information

<b>Routes of Exposure</b>	<i>On the skin:</i>	May cause irritation. May be harmful by skin absorption.
	<i>On the eye:</i>	May cause irritation.
	<i>Inhalation:</i>	May be harmful if inhaled.
	<i>Ingestion:</i>	May be harmful if swallowed.
<b>Respiratory or Skin Sensitization</b>	To the best of our knowledge, the chemical, physical, and toxicological properties have not been fully investigated.	
<b>Signs and Symptoms of Overexposure</b>	Not available	
<b>Toxicity Data</b>	<i>Oral Rat</i>	9,500 mg/kg

## Section 12. Ecological Information

<b>General Notes</b>	Not available
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## Section 13. Disposal Considerations

<b>Product</b>	Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner or scrubber. Observe all federal, state, and local environmental regulations.
<b>Contaminated Packaging</b>	Observe all federal, state, and local environmental regulations.

## Section 14. Transport Information

<b>DOT Shipping Name</b>	Not dangerous goods
<b>UN Proper Shipping Name</b>	Not available
<b>DOT Hazard Class</b>	Not available
<b>Packing Group</b>	Not available
<b>UN Number</b>	Not available
<b>Hazardous Ingredients</b>	This substance is considered to be nonhazardous for transport.
<b>DOT Label</b>	Not available
<b>DOT Placard</b>	Not available
<b>IMDG Shipping Name</b>	Not available
<b>UN Number</b>	Not available
<b>Class</b>	Not available
<b>Packing Group</b>	Not available
<b>IATA Shipping Name</b>	Not available
<b>Technical Shipping Name</b>	Not available
<b>IATA Hazard Class</b>	Not available
<b>UN Number</b>	Not available
<b>Hazardous Ingredients</b>	Not available
<b>IATA Label</b>	Not available
<b>IATA Placard</b>	Not available

## Section 15. Regulatory Information

<b>OSHA Status</b>	Not available	
<b>TSCA Status</b>	Yes	
<b>CERCLA Reportable Quantity</b>	Not available	
<b>SARA Title III</b>	No products were found.	
<b>RCRA Status</b>	Not listed	
<b>California Proposition 65</b>	Not listed	
<b>Chemical Weapons Convention</b>	Not listed	
<b>TSCA 12 (b)</b>	Not available	
<b>SARA 311/312</b>	Acute:	No
	Chronic:	Not available
	Fire:	Not available
	Pressure:	Not available
	Reactivity:	Not available
<b>Australian Hazchem Code</b>	Not available	
<b>Poison Schedule</b>	Not scheduled	
<b>WHMIS</b>	This product is not classified as hazardous.	

## Section 16. Other Information

**Date Prepared: April 14, 2004**

**Revised: August 18, 2020**

For R&D use only. Not for drug, household, or other uses.



## **1. Identification**

Product identifier: Silica Sand or Ground Silica; crystalline silica (quartz)

Product Name/Trade Names: Flint Sand, Colored Glass Sand, Sand, and Silica Sand.

Chemical Name or Synonym: Crystalline Silica (Quartz), Sand, Silica Sand, Ground Silica, Fine Ground Silica, Silica Flour.

Recommended use of the chemical and restrictions on use: (non-exhaustive list): brick, ceramics, foundry castings, glass, grout, silicate chemistry, silicone rubber, thermoset plastics.

Do not use U.S. Mine Corporation sand, or sand products for sand blasting.

Manufacturer: U.S. Mine Corporation  
8625 Highway 124  
P. O. Box 580  
Ione, CA 95640

Customer Service: (530) 676-7873  
Emergency Contact: (530) 676-7873

## **2. Hazard(s) Identification**

**Physical Health:** Not Hazardous

**Carcinogen:** Category 1A

**Specific Target Organ Toxicity:** Repeated Exposure Category 1

**Danger:** May cause cancer by inhalation. Causes damage to lungs through prolonged or repeated exposure by inhalation.

**Response:** If medical condition persisted, get medical advice.

**Disposal:** Dispose of contents/containers in accordance with local regulation



**Prevention:** Do not handle until all safety precautions have been read and understood. Do not breathe dust. Do not eat, drink or smoke when using this product. Wear protective gloves and safety glasses or goggles. In case of inadequate ventilation wear respiratory protection.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component CAS No. Percent Crystalline Silica (quartz) 14808-60-7 95-99.9

### 4. FIRST-AID MEASURES

**Inhalation:** First aid is not generally required. If irritation develops from breathing dust, move the person from the overexposure and seek medical attention if needed.

**Skin contact:** First aid is not required.

**Eye contact:** Wash immediately with plenty of water. Do not rub eyes. Particulates may cause abrasive eye injury. If irritation persists, seek medical attention.

**Ingestion:** First aid is not required. Most important symptoms/effects, acute and delayed:

**Inhalation** of dust may cause respiratory tract irritation. Symptoms of exposure may include cough, sore throat, nasal congestion, sneezing, wheezing and shortness of breath.

**Prolonged inhalation of respirable crystalline silica** above certain concentrations may cause lung diseases, including silicosis and lung cancer.

**Indication of immediate medical attention and special treatment, if necessary:**  
Immediate medical attention is not required.

### 5. Firefighting Measures

**Flammability:** Non-Flammable

**Flash Point:** Not Applicable

**Auto-Ignition Temperature:** Not Applicable



**Hazardous Combustion Products:** Not Applicable

**Fire Hazards in the Presence of Various Substances:** Not flammable

**Extinguishing Agents:** No special suppressants are required

**Protective Equipment:** No special measures required

## 6. Accidental Release Measures

**Personal precautions, protective equipment, and emergency procedures:** Wear appropriate protective clothing and respiratory protection (see Section 8 below). Avoid generating airborne dust during clean-up.

**Environmental precautions:** No specific precautions. Report releases to regulatory authorities if required by local, state and federal regulations.

**Methods and materials for containment and cleaning up:** Avoid dry sweeping. Do not use compressed air to clean spilled sand or ground silica. Use water spraying/flushing or ventilated or HEPA filtered vacuum cleaning system, or wet before sweeping. Dispose of in closed containers.

## 7. Handling and storage

**Precautions for safe handling:** Avoid generating dust. Do not breathe dust. Do not rely on your sight to determine if dust is in the air. Respirable crystalline silica dust may be in the air without a visible dust cloud. Use adequate exhaust ventilation and dust collection to reduce respirable crystalline silica dust levels to below the permissible exposure limit ("PEL"). Maintain and test ventilation and dust collection equipment. Use all available work practices to control dust exposures, such as water sprays. Practice good housekeeping. Do not permit dust to collect on walls, floors, sills, ledges, machinery, or equipment. Keep airborne dust concentrations below permissible exposure limits.

Where necessary to reduce exposures below the PEL or other applicable limit (if lower than the PEL), wear a respirator approved for silica containing dust when using, handling, storing or disposing of this product or bag. See Section 8, for further information on respirators. Do not alter the respirator. Do not wear a tight-fitting respirator with facial hair such as a beard or mustache that prevents a good face to face

piece seal between the respirator and face. Maintain, clean, and fit test respirators in accordance with applicable standards. Wash or vacuum clothing that has become dusty.

Participate in training, exposure monitoring, and health surveillance programs to monitor any potential adverse health effects that may be caused by breathing respirable crystalline silica. The OSHA Hazard Communication Standard, 29 CFR Sections 1910.1200, 1915.1200, 1917.28, 1918.90, 1926.59 and 1928.21, and state and local worker or community "right-to-know" laws and regulations should be strictly followed.

Do Not Use U.S. Mine Corporation Sand for Sand Blasting

**Conditions for safe storage, including any incompatibilities:** Use dust collection to trap dust produced during loading and unloading. Keep containers closed and store bags to avoid accidental tearing, breaking, or bursting.

## 8. Exposure Controls/Personal Protection

### **Exposure guidelines:**

Component	OSHA PEL	ACGIH TLV	NIOSH REL
Crystalline Silica (quartz)	<u>10mg/m<sup>3</sup></u> %SiO <sub>2</sub> +2 TWA (respirable dust)	0.025 mg/m <sup>3</sup> TWA (respirable dust)	0.05 mg/m <sup>3</sup> TWA (respirable dust)
	<u>30 gm/m<sup>3</sup></u> %SiO <sub>2</sub> + 2 TWA (total dust)		

**Appropriate engineering controls:** Use adequate general or local exhaust ventilation to maintain concentrations in the workplace below the applicable exposure limits listed above.

**Respiratory protection:** If it is not possible to reduce airborne exposure levels to below the OSHA PEL or other applicable limit with ventilation, use the table below to assist you in selecting respirators that will reduce personal exposures to below the OSHA PEL. This table is part of the NIOSH Respirator Selection Logic, 2004, Chapter III, Table 1, "Particulate Respirators". The full document can be found at [www.cdc.gov/niosh/npptl/topics/respirators](http://www.cdc.gov/niosh/npptl/topics/respirators); the user of this SDS is directed to that site for information concerning respirator selection and use. The assigned protection factor

(APF) is the maximum anticipated level of protection provided by each type of respirator worn in accordance with an adequate respiratory protection program. For example, an APF of 10 means that the respirator should reduce the airborne concentration of a particulate by a factor of 10, so that if the workplace concentration of a particulate was 150 ug/m<sup>3</sup>, then a respirator with an APF of 10 should reduce the concentration of particulate to 15 ug/m<sup>3</sup>. In using chemical cartridges, consideration must be given to selection of the correct cartridge for the chemical exposure and the maximum use concentration for the cartridge. In addition a cartridge change-out schedule must be developed based on the concentrations in the workplace.

Assigned protection factor 1	<b>Type of Respirator</b> (Use only NIOSH-certified respirators)
10	Any air-purifying elastomeric half-mask respirator equipped with appropriate type of particulate filter. <sup>2</sup> Appropriate filtering facepiece respirator. <sup>2,3</sup> Any air-purifying full facepiece respirator equipped with appropriate type of particulate filter. <sup>2</sup> Any negative pressure (demand) supplied-air respirator equipped. with a half mask.
25	Any powered air-purifying respirator equipped with a hood or helmet and a high efficiency (HEPA) filter. Any continuous flow supplied-air respirator equipped with a hood or helmet
50	Any air-purifying full facepiece respirator equipped with N-100, R-100, or P-100 filter(s). Any powered air-purifying respirator equipped with a tight-fitting facepiece (half or full facepiece) and a high-efficiency filter. Any negative pressure (demand) supplied-air respirator equipped with a full facepiece. Any continuous flow supplied-air respirator equipped with a tight fitting facepiece (half or full facepiece) Any negative pressure (demand) self-contained respirator equipped with a full facepiece.
1,000	Any pressure-demand supplied-air respirator equipped with a half-mask
<ol style="list-style-type: none"> <li>1. The protection offered by a given respirator is contingent upon (1) the respirator user adhering to complete program requirements (such as the ones required by OSHA in 29CFR 1910.134), (2) the use of NIOSH-certified respirators in their approved configuration, and (3) individual fit testing to rule out those respirators that cannot achieve a good fit on individual workers.</li> <li>2. Appropriate means that the filter medium will provide protection against the particulate in question.</li> <li>3. An APF of 10 can only be achieved if the respirator is qualitatively or quantitatively fit tested on individual workers.</li> </ol>	

**Skin protection:** Maintain good industrial hygiene. Protection recommended for workers suffering from dermatitis or sensitive skin.



**Eye protection:** Safety glasses with side shields or goggles recommended if eye contact is anticipated.

**Other:** None known.

## 9. Physical and Chemical Properties

**Appearance (physical state, color, etc.):** White or tan sand: granular. **Odor:** None. **Odor threshold:** Not determined. **pH:** 6-8. **Melting point/freezing point:** 3110°F/1710°C. **Boiling point/range:** 4046°F/2230°C. **Flash point:** Not applicable. **Evaporation rate:** Not applicable. **Flammable limits:** LEL: Not applicable **UEL:** Not applicable **Vapor pressure:** Not applicable **Vapor density:** Not applicable **Relative density:** 2.65 **Solubility(ies):** Insoluble in water **Partition coefficient:** n-octanol/water: Not applicable **Auto-ignition temperature:** Not determined. **Decomposition temperature:** Not determined **Viscosity:** Not applicable. **Flammability (solid, gas):** Not applicable

## 10. Reactivity and Stability

**Reactivity:** Not reactive under normal conditions of use. **Chemical stability:** Stable **Possibility of hazardous reactions:** Contact with powerful oxidizing agents, such as fluorine, chlorine trifluoride and oxygen difluoride, may cause fires. **Conditions to avoid:** Avoid generation of dust in handling and use. **Incompatible materials:** Powerful oxidizers such as fluorine, chlorine trifluoride, and oxygen difluoride and hydrofluoric acid. **Hazardous decomposition products:** Silica will dissolve in hydrofluoric acid and produce a corrosive gas, silicon tetrafluoride

## 11. Toxicological Information

### Acute effects of exposure:

**Inhalation:** Inhalation of dust may cause respiratory tract irritation. Symptoms of exposure may include cough, sore throat, nasal congestion, sneezing, wheezing and shortness of breath. **Ingestion:** Ingestion in an unlikely route of exposure. If dust is swallowed, it may irritate the mouth and throat. **Skin contact:** No adverse effects are expected. **Eye contact:** Particulates may cause abrasive injury.

**Chronic effects:** Prolonged inhalation of respirable crystalline silica may cause lung disease, silicosis, lung cancer and other effects.

The method of exposure that can lead to the adverse health effects described below is inhalation.

**A. SILICOSIS can exist in several forms, chronic (or ordinary), accelerated, or acute:**

Chronic or Ordinary Silicosis is the most common form of silicosis, and can occur after many years (10 to 20 or more) of prolonged repeated inhalation of relatively low levels of airborne respirable crystalline silica dust. It is further defined as either simple or complicated silicosis. Simple silicosis is characterized by lung lesions (shown as radiographic opacities) less than 1 centimeter in diameter, primarily in the upper lung zones. Often, simple silicosis is not associated with symptoms, detectable changes in lung function or disability. Simple silicosis may be progressive and may develop into complicated silicosis or progressive massive fibrosis (PMF). Complicated silicosis or PMF is characterized by lung lesions (shown as radiographic opacities) greater than 1 centimeter in diameter. Complicated silicosis or PMF symptoms, if present, are shortness of breath and cough. Complicated silicosis or PMF may be associated with decreased lung function and may be disabling. Advanced complicated silicosis or PMF may lead to death. Advanced complicated silicosis or PMF can result in heart disease secondary to the lung disease (cor pulmonale).

Accelerated Silicosis can occur with prolonged repeated inhalation of high concentrations of respirable crystalline silica over a relatively short period; the lung lesions can appear within five (5) years of initial exposure. Progression can be rapid. Accelerated silicosis is similar to chronic or ordinary silicosis, except that lung lesions appear earlier and progression is more rapid.

Acute Silicosis can occur after the repeated inhalation of very high concentrations of respirable crystalline silica over a short time period, sometimes as short as a few months. The symptoms of acute silicosis include progressive shortness of breath, fever, cough, weakness and weight loss. Acute silicosis is fatal.

**B. CANCER IARC** - The International Agency for Research on Cancer ("IARC") concluded that "crystalline silica in the form of quartz or cristobalite dust is carcinogenic to humans (Group 1)". For further information on the IARC evaluation, see IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C, "A Review of Human Carcinogens: Arsenic, Metals, Fibers and Dusts " (2011).

NTP classifies "Silica, Crystalline (respirable size)" as Known to be a human carcinogen.

**C. AUTOIMMUNE DISEASES** Several studies have reported excess cases of several autoimmune disorders -- scleroderma, systemic lupus erythematosus, rheumatoid arthritis -- among silica-exposed workers.

**D. TUBERCULOSIS** Individuals with silicosis are at increased risk to develop pulmonary tuberculosis, if exposed to tuberculosis bacteria. Individuals with chronic silicosis have a three-fold higher risk of contracting tuberculosis than similar individuals without silicosis.

**E. KIDNEY DISEASE** Several studies have reported excess cases of kidney diseases, including end stage renal disease, among silica exposed workers. For additional information on the subject, the following may be consulted: "Kidney Disease and Silicosis", Nephron, Volume 85, pp. 14-19 (2000).

**F. NON-MALIGNANT RESPIRATORY DISEASES** The reader is referred to Section 3.5 of the NIOSH Special Hazard Review cited below for information concerning the association between exposure to crystalline silica and chronic bronchitis, emphysema and small airways disease. There are studies that disclose an association between dusts found in various mining occupations and non-malignant respiratory diseases, particularly among smokers. It is unclear whether the observed associations exist only with underlying silicosis, only among smokers, or result from exposure to mineral dusts generally (independent of the presence or absence of crystalline silica, or the level of crystalline silica in the dust).

Sources of information: The NIOSH Hazard Review - Occupational Effects of Occupational Exposure to Respirable Crystalline Silica published in April 2002 summarizes and discusses the medical and epidemiological literature on the health risks and diseases associated with occupational exposures to respirable crystalline silica. The NIOSH Hazard Review is available from NIOSH - Publications Dissemination, 4676 Columbia Parkway, Cincinnati, OH 45226, or through the NIOSH web site, [www.cdc.gov/niosh/topics/silica](http://www.cdc.gov/niosh/topics/silica), then click on the link "NIOSH Hazard Review: Health Effects of Occupational Exposure to Respirable Crystalline Silica".

For a more recent review of the health effects of respirable crystalline silica, the reader may consult Fishman's Pulmonary Diseases and Disorders, Fourth Edition, Chapter 57. "Coal Workers' Lung Diseases and Silicosis".

Finally, the US Occupational Safety and Health Administration (OSHA) published a summary of respirable crystalline silica health effects in connection with OSHA's Proposed Rule regarding occupational exposure to respirable crystalline silica. The summary was published in the September 12, 2013 Federal Register, which can be



**Safety Data Sheet  
Silica Sand Products**

**Revised 5-28-2020**

found at: [www.federalregister.gov/articles/2013/09/12/2013-20997/occupational-exposure-to-respirablecrystalline-silica](http://www.federalregister.gov/articles/2013/09/12/2013-20997/occupational-exposure-to-respirablecrystalline-silica). **Numerical measures of toxicity:** Crystalline Silica (quartz): LD50 oral rat >22,500 mg/kg

**12. Ecological Information**

**Ecotoxicity:** Crystalline silica (quartz) is not known to be ecotoxic. Persistence and degradability: Silica is not degradable. **Bio-accumulative potential:** Silica is not bio-accumulative. **Mobility in soil:** Silica is not mobile in soil. **Other adverse effects:** No data available

**13. Disposal Considerations**

Discard any product, residue, disposable container, or liner in full compliance with Federal, State and Local regulations.

**14. Transportation Information**

Follow local, state, and federal guidelines and regulations.

**15. Regulatory Information**

CALIFORNIA PROPOSITION 65: This product contains substances known to the State of California to cause cancer and/or birth defects or other reproductive harm.

TSCA Status: Crystalline silica (quartz) appears on the EPA TSCA inventory under the CAS No. 14808-60-7.

RCRA: This product is not classified as a hazardous waste under the Resource Conservation and Recovery Act, or its regulations, 40 CFR §261 et seq.

CERCLA: Crystalline silica (quartz) is not classified as a hazardous substance under regulations of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA), 40 CFR §302.

Emergency Planning and Community Right to Know Act (SARA Title III): This product contains the following chemicals subject to SARA 302 or SARA 313 reporting: None above the "de minimus" concentrations.

Clean Air Act: Crystalline silica (quartz) mined and processed by U.S. Mine Corporation is not processed with or does not contain any Class I or Class II ozone depleting substances.



**Safety Data Sheet  
Silica Sand Products**

**Revised 5-28-2020**

FDA: Silica is included in the list of substances that may be included in coatings used in food contact surfaces, 21 CFR §175.300(b)(3)(xxvi).

Massachusetts Toxic Use Reduction Act: Silica, crystalline (respirable size, <10 microns) is "toxic" for purposes of the Massachusetts Toxic Use Reduction Act.

Pennsylvania Worker and Community Right to Know Act: Quartz is a hazardous substance under the Act, but it is not a special hazardous substance or an environmental hazardous substance.

Texas Commission on Environmental Quality: The Texas CEQ has established chronic and acute Reference Values and short term and long term Effects Screening Levels for crystalline silica (quartz). The information can be accessed through [www.tceq.texas.gov](http://www.tceq.texas.gov).

**16. Other Information**

This SDS was developed with all of the available information 12/5/2016

Websites with Information about Effects of Crystalline Silica Exposure:

The U.S. National Institute for Occupational Safety and Health (NIOSH) and Occupational Safety and Health Administration (OSHA) maintain sites with information about crystalline silica and its potential health effects. For NIOSH, <http://www.cdc.gov/niosh/topics/silica>; for OSHA, <http://www.osha.gov/dsg/topics/silicacrystalline/index>.

The IARC Monograph that includes crystalline silica, Volume 100C, can be accessed in PDF form at the IARC web site, <http://monographs.iarc.fr/ENG/Monographs/PDFs/index.php>.

***U. S. Mine Corporation Disclaimer:*** The information and recommendations contained herein are based upon data believed to be up to- date and correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects that may be caused by purchase, resale, use or exposure to our silica. Customers and users of silica must comply with all applicable health and safety laws, regulations, and orders. In particular, they are under an obligation to carry out a risk assessment for the particular work places and to take adequate risk management measures in accordance with the national implementation legislation.

# Safety Data Sheet

Classified According to OSHA Hazard Communication Standard (HCS)

## SECTION 1: Identification

### 1.1. Product Identifier

**Trade Name or Designation:** Silver Nitrate, 5% (w/v)

**Product Number:** 6828

**Other Identifying Product Numbers:** 6828-16, 6828-32, 6828-4

### 1.2. Recommended Use and Restrictions on Use

General Laboratory Reagent

### 1.3. Details of the Supplier of the Safety Data Sheet

**Company:** Ricca Chemical Company

**Address:** 448 West Fork Drive

Arlington, TX 76012 USA

**Telephone:** 888-467-4222

### 1.4. Emergency Telephone Number (24 hours)

CHEMTREC (USA) 800-424-9300

CHEMTREC (International) 1+ 703-527-3887

## SECTION 2: Hazard(s) Identification

### 2.1. Classification of the Substance or Mixture

For the full text of the Hazard and Precautionary Statements listed below, see Section 16.

Hazard Class	Category	Hazard Statements	Precautionary Statements:
Acute Toxicity - Oral	Category 3	H301	P264, P270, P301+P310, P321, P330, P405, P501
Skin Corrosion / Irritation	Category 2	H315	P264, P280, P302+P352, P321, P332+P313, P362
Eye Damage / Irritation	Category 1	H318	P280, P305+P351+P338, P310
Reproductive Toxicity	Category 2	H361	P201, P202, P280, P308+P313, P405, P501
Specific Target Organs/Systemic Toxicity Following Single Exposure	Category 1	H370	P260, P264, P270, P307+P311, P321, P405, P501
Specific Target Organs/Systemic Toxicity Following Repeated Exposure	Category 1	H372	P260, P264, P270, P314, P501
Hazardous to the Aquatic Environment (Acute)	Category 2	H401	P273, P501
Hazardous to the Aquatic Environment (Chronic)	Category 2	H411	P273, P391, P501

## Safety Data Sheet

### 2.2. GHS Label Elements

Pictograms:



Signal Word: **Danger**

Hazard Statements:

Hazard Number	Hazard Statement
H301	Toxic if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H361	Suspected of damaging fertility or the unborn child.
H370	Causes damage to organs.
H372	Causes damage to organs through prolonged or repeated exposure.
H401	Toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

# Safety Data Sheet

## Precautionary Statements:

Precautionary Number	Precautionary Statement
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe fumes, mist, vapors, or spray.
P264	Wash arms, hands and face thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves and eye protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
P307+P311	IF exposed: Call a POISON CENTER or physician.
P308+P313	IF exposed or concerned: Get medical attention.
P310	Immediately call a POISON CENTER or physician.
P314	Get medical attention if you feel unwell.
P321	Specific treatment (Wash areas of contact with water).
P330	Rinse mouth.
P332+P313	If skin irritation occurs: Get medical attention.
P362	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents in accordance with local, state, federal and international regulations.

## 2.4. Hazards not Otherwise Classified or Covered by GHS

Data not available.

## SECTION 3: Composition / Information on Ingredients

### 3.1. Components of Substance or Mixture

Chemical Name	Formula	Molecular Weight	CAS Number	Weight%
Water	H <sub>2</sub> O	18.01 g/mol	7732-18-5	95.20
Silver Nitrate	AgNO <sub>3</sub>	169.87 g/mol	7761-88-8	4.80

## SECTION 4: First-Aid Measures

### 4.1. General First Aid Information

**Eye Contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. May cause irritation, redness, pain, and tearing.

**Inhalation:** Not expected to require first aid. If necessary, remove to fresh air.





## Safety Data Sheet

**Skin Contact:** IF ON SKIN: Wash with plenty of soap and water. May cause irritation and temporary discoloration of skin.

**Ingestion:** IF SWALLOWED: Immediately call a POISON CENTER or physician. Dilute immediately with water or milk. Induce vomiting. Call a physician.

### 4.2. Most Important Symptoms and Effects, Acute and Delayed

Toxic if swallowed. Causes skin irritation. Causes serious eye damage. Suspected of damaging fertility or the unborn child. Causes damage to organs. Causes damage to organs through prolonged or repeated exposure. Hazards increase as concentration increases. Most assume that solutions of Silver Nitrate do not reach hazardous concentrations until approximately 5%. Will temporarily discolor skin. Wash areas of contact with water. May be fatal if swallowed. Can cause sore throat, vomiting, and diarrhea. **EYE CONTACT:** May cause irritation, redness, pain, and tearing. **SKIN CONTACT:** May cause irritation and temporary discoloration of skin. **CHRONIC EFFECTS / CARCINOGENICITY:** Chronic exposure can cause permanent bluish discoloration of the skin.

### 4.3. Medical Attention or Special Treatment Needed

Immediately call a POISON CENTER or physician. Specific treatment (Wash areas of contact with water).

## SECTION 5: Fire-Fighting Measures

### 5.1. Extinguishing Media

Use water or water spray on small fires. Do not use dry chemicals or carbon dioxide.

### 5.2. Specific Hazards Arising from the Substance or Mixture

Silver Nitrate reactions may cause fire. Silver Nitrate is a strong oxidizer.

### 5.3. Special Protective Equipment for Firefighters

Use protective clothing and breathing equipment appropriate for the surrounding fire.

## SECTION 6: Accidental Release Measures

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Wear protective gloves and eye protection.

### 6.2. Cleanup and Containment Methods and Materials

Do not flush to sewer. Containerize for disposal with a hazardous waste disposal facility. Dispose of in accordance with local regulations.

## SECTION 7: Handling and Storage

### 7.1. Precautions for Safe Handling and Storage Conditions

Store locked up. As with all chemicals, wash hands thoroughly after handling. Avoid contact with eyes and skin. Protect from freezing and physical damage.

## Safety Data Sheet

### SECTION 8: Exposure Controls / Personal Protection

#### 8.1 Control Parameters

Chemical Name	Limit Type	Country	Exposure Limit	Information Source
Silver Nitrate (7761-88-8)	TWA	USA	0.01 mg/m <sup>3</sup> TWA (as Ag)	U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)
Silver Nitrate (7761-88-8)	TLV-TWA	USA	0.01 mg/m <sup>3</sup> TWA (as Ag)	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)

#### 8.2. Exposure Controls

**Engineering Controls:** No specific controls are needed. Normal room ventilation is adequate.

**Respiratory Protection:** Normal room ventilation is adequate.

**Skin Protection:** Wear protective gloves and eye protection. Chemical resistant gloves.

**Eye Protection:** Wear protective gloves and eye protection. Safety glasses or goggles.

#### 8.3. Personal Protective Equipment

Wear protective gloves and eye protection. Normal room ventilation is adequate. Chemical resistant gloves. Safety glasses or goggles.

# Safety Data Sheet

## SECTION 9: Physical and Chemical Properties

### 9.1. Basic Physical and Chemical Properties

**Appearance:** Colorless liquid

**Physical State:** Liquid

**Odor:** Data not available.

**Odor Threshold:** Data not available.

**pH:** approximately 6

**Melting/Freezing Point:** Approximately 0°C

**Initial Boiling Point/Range:** Approximately 100°C - Approximately 100°C

**Flash Point:** Data not available.

**Evaporation Rate:** Data not available.

**Flammability:** Data not available.

**Flammability/Explosive Limits:** Data not available.

**Vapor Pressure:** Data not available.

**Vapor Density:** Data not available.

**Relative Density:** 1.04

**Solubility:** Miscible

**Partition Coefficient:** Data not available.

**Auto-Ignition Temperature:** Data not available.

**Decomposition Temperature:** Data not available.

**Viscosity:** Data not available.

**Explosive Properties:** Data not available.

**Oxidizing Properties:** Data not available.

## SECTION 10: Stability and Reactivity

### 10.1. Reactivity and Chemical Stability

Data not available.

### 10.2. Possibility of Hazardous Reactions

Data not available.

### 10.3. Conditions to Avoid and Incompatible Materials

Ammonium Hydroxide, Organic Materials, Sulfides, Charcoal, Acetylene, Calcium Carbide, Ethanol, reducing agents, alkalis, Antimony salts, Arsenites, Bromides, Carbonates, Chlorides, Iodides, Ferrous salts, Thiocyanates, Phosphates, Tannic Acid and Tartrates.

### 10.4. Hazardous Decomposition Products

Will not occur.

# Safety Data Sheet

## SECTION 11: Toxicological Information

### 11.1. Information on Toxicological Effects

**Acute Toxicity - Oral Exposure:**

Toxic if swallowed. Wash arms, hands and face thoroughly after handling. Do not eat, drink or smoke when using this product. IF SWALLOWED: Immediately call a POISON CENTER or physician. Specific treatment (Wash areas of contact with water). Rinse mouth. Store locked up. Dispose of contents in accordance with local, state, federal and international regulations.

**Acute Toxicity - Dermal Exposure:**

Not applicable.

**Acute Toxicity - Inhalation Exposure:**

Not applicable.

**Acute Toxicity - Other Information:**

LD50, Oral, Rat: (Silver Nitrate) 1173 mg/kg. Toxic effects: behavioral - tetany; Lungs, throat or respiration - cyanosis; Gastrointestinal - hypermotility, diarrhea.

**Skin Corrosion and Irritation:**

Causes skin irritation. Wash arms, hands and face thoroughly after handling. Wear protective gloves and eye protection. IF ON SKIN: Wash with plenty of soap and water. Specific treatment (Wash areas of contact with water). If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

**Serious Eye Damage and Irritation:**

Causes serious eye damage. Wear protective gloves and eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.

**Respiratory Sensitization:**

Not applicable.

**Skin Sensitization:**

Not applicable.

**Germ Cell Mutagenicity:**

Not applicable.

**Carcinogenicity:**

Not applicable.

**Reproductive Toxicity:**

Suspected of damaging fertility or the unborn child. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves and eye protection. IF exposed or concerned: Get medical attention. Store locked up. Dispose of contents in accordance with local, state, federal and international regulations.

**Specific Target Organ Toxicity from Single Exposure:**

Causes damage to organs. Do not breathe fumes, mist, vapors, or spray. Wash arms, hands and face thoroughly after handling. Do not eat, drink or smoke when using this product. IF exposed: Call a POISON CENTER or physician. Specific treatment (Wash areas of contact with water). Store locked up. Dispose of contents in accordance with local, state, federal and international regulations.

**Specific Target Organ Toxicity from Repeated Exposure:**

Causes damage to organs through prolonged or repeated exposure. Do not breathe fumes, mist, vapors, or spray. Wash arms, hands and face thoroughly after handling. Do not eat, drink or smoke when using this product. Get medical attention if you feel unwell. Dispose of contents in accordance with local, state, federal and international regulations.



## Safety Data Sheet

**Aspiration Hazard:**

Not applicable.

**Additional Toxicology Information:**

Data not available.

### SECTION 12: Ecological Information

**12.1. Ecotoxicity**

Toxic to aquatic life. Avoid release to the environment. Dispose of contents in accordance with local, state, federal and international regulations.

Toxic to aquatic life with long lasting effects. Avoid release to the environment. Collect spillage. Dispose of contents in accordance with local, state, federal and international regulations.

**12.2. Persistence and Degradability**

Data not available.

**12.3. Bioaccumulative Potential**

Data not available.

**12.4. Mobility in Soil**

Data not available.

**12.5. Other Adverse Ecological Effects**

Data not available.

### SECTION 13: Disposal Considerations

**13.1. Waste Treatment Methods**

Data not available.

### SECTION 14: Transportation Information

**14.1. Transportation by Land-Department of Transportation (DOT, United States of America)**

Not regulated according to DOT Regulations.

## Safety Data Sheet

### 14.2. Transportation by Air - International Air Transport Association (IATA)

Not regulated according to IATA Dangerous Goods Regulations.

### 14.3 Transportation of Dangerous Goods (TDG, Canada)

Not regulated according to TDG Regulations.

## SECTION 15: Regulatory Information

### 15.1. Occupational Safety and Health Administration (OSHA) Hazards

Not listed.

### 15.2. Superfund Amendments and Reauthorization Act (SARA) 302 Extremely Hazardous Substances

Not listed.

### 15.3. Superfund Amendments and Reauthorization Act (SARA) 311/312 Hazardous Chemicals

Silver Nitrate (CAS # 7761-88-8): 1 lb final RQ; 0.454 kg final RQ

### 15.4. Superfund Amendments and Reauthorization Act (SARA) 313 Toxic Release Inventory (TRI)

Silver Nitrate (CAS # 7761-88-8): 1.0 % de minimis concentration (listed under Chemical Category N740)

Silver Nitrate (CAS # 7761-88-8): 1.0 % de minimis concentration (reportable only when in aqueous solution, Chemical Category N511)

### 15.5. Massachusetts Right-to-Know Substance List

Silver Nitrate (CAS # 7761-88-8): Present

## Safety Data Sheet

### 15.6. Pennsylvania Right-to-Know Hazardous Substances

Water (CAS # 7732-18-5): Present

Silver Nitrate (CAS # 7761-88-8): Environmental hazard

Silver Nitrate (CAS # 7761-88-8): Present

### 15.7. New Jersey Worker and Community Right-to-Know Components

Silver Nitrate (CAS # 7761-88-8): corrosive

Silver Nitrate (CAS # 7761-88-8): sn 1672

Silver Nitrate (CAS # 7761-88-8): sn 3008

Silver Nitrate (CAS # 7761-88-8): SN 3008 500 lb TPQ (Category Code N740. Includes any unique chemical substance that contains the named metal as part of that chemical structure)

Silver Nitrate (CAS # 7761-88-8): sn 3722

Silver Nitrate (CAS # 7761-88-8): SN 3722 500 lb TPQ (water dissociable, Category Code N511)

### 15.8. California Proposition 65

Not listed.

### 15.9. Canada Domestic Substances List / Non-Domestic Substances List (DSL/NDSL)

Water (CAS # 7732-18-5): Present (DSL)

Silver Nitrate (CAS # 7761-88-8): Present (DSL)

### 15.10. United States of America Toxic Substances Control Act (TSCA) List

Water (CAS # 7732-18-5): Present

Silver Nitrate (CAS # 7761-88-8): Present

### 15.11. European Inventory of Existing Commercial Chemical Substances (EINECS), European List of Notified Chemical Substances (ELINCS), and No Longer Polymers (NLP)

Water (CAS # 7732-18-5): 231-791-2

Water (CAS # 7732-18-5): 232-148-9

Silver Nitrate (CAS # 7761-88-8): 231-853-9

# Safety Data Sheet

## SECTION 16: Other Information

### 16.1. Full Text of Hazard Statements and Precautionary Statements

Toxic if swallowed. Causes skin irritation. Causes serious eye damage. Suspected of damaging fertility or the unborn child. Causes damage to organs. Causes damage to organs through prolonged or repeated exposure. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe fumes, mist, vapors, or spray. Wash arms, hands and face thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective gloves and eye protection.

IF SWALLOWED: Immediately call a POISON CENTER or physician. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed: Call a POISON CENTER or physician. Get medical attention if you feel unwell. Specific treatment (Wash areas of contact with water). Rinse mouth. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse. Collect spillage.

Store locked up.

Dispose of contents in accordance with local, state, federal and international regulations.

### 16.2. Miscellaneous Hazard Classes

**Canadian Carcinogenicity Hazard Class:** Not Applicable.

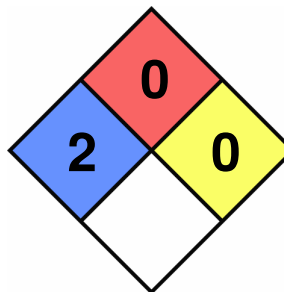
**Physical Hazards Not Otherwise Classified (PHNOC):** Not Applicable.

**Health Hazards Not Otherwise Classified (HHNOC):** Not Applicable.

**Biohazardous Infectious Materials Hazard Class:** Not Applicable.

### 16.3. National Fire Protection Association (NFPA) Rating

**Health:** 2  
**Flammability:** 0  
**Reactivity:** 0  
**Special Hazard:**



### 16.4. Document Revision

**Last Revision Date:** 2020-05-29



## DISCLAIMER

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration of its characteristics by concentration, evaporation, addition of other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and RICCA CHEMICAL COMPANY assumes no legal responsibility or liability whatsoever resulting from its use.

# Sodium Cyanide

## SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH), Annex II  
(COMMISSION REGULATION (EU) No 2015/830)

Page 1 of 10  
First Issue : Dec. 1, 2010  
Revised : June. 20, 2017  
(Revised No. : 7)  
SDS No. : TS-003(EU)

### 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

#### 1.1 Product identifier

Substance name : Sodium Cyanide  
EC Number : 205-599-4  
CAS Number : 143-33-9  
REACH Pre-Registration Number : 05-2114703701-61-0011

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Synthesis of Chemical and Pharmaceutical Intermediates  
Formulation of Chemical Products  
Cleaning and Degreasing in Metal Finishing Industries  
Depressing Agent  
Extraction Agent of Precious Metals  
Recycling of Precious Metals  
Electroplating  
Metal Hardening

#### 1.3 Details of the supplier of the safety data sheet

Only Representative:

Name : Envigo Research Ltd  
Address : Shardlow Business Park,  
London Road, Shardlow, Derbyshire, DE72 2GD  
United Kingdom  
Telephone number : +44 (0)1332 792896  
E-mail : [ORR-UK@envigo.com](mailto:ORR-UK@envigo.com)

Non-Community manufacturer :

Company : Tongsuh Petrochemical Corp., Ltd.  
108-70, Sapyeong-ro, Nam-gu,  
Ulsan, 44785  
Republic of Korea  
Telephone number : +82-2-3215-0721  
Telefax number : +82-2-3215-0770  
E-mail address : [tspcmail@tspc.co.kr](mailto:tspcmail@tspc.co.kr)

#### 1.4 Emergency telephone number

+82 - 52 - 259 - 7691                      Tongsuh Petrochemical Corp., Ltd. (Republic of Korea)  
+82 - 52 - 260 - 0774

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

##### 2.1.1. Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Corrosive to metals, Category 1, H290  
Acute toxicity - oral, Category 1, H300  
Acute toxicity - dermal, Category 1, H310  
Acute toxicity - inhalation, Category 1, H330  
Acute aquatic toxicity, Category 1, H400

## SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH), Annex II  
(COMMISSION REGULATION (EU) No 2015/830)

Page 2 of 10  
First Issue : Dec. 1, 2010  
Revised : June. 20, 2017  
(Revised No. : 7)  
SDS No. : TS-003(EU)

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Specific target organ toxicity – repeated exposure, Category 1, H372

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### 2.2 Label elements

#### 2.2.1. Labelling according to Regulation (EC) No 1272/2008 [CLP]

##### Hazard Pictograms



Signal word : Danger

##### Hazard statements:

- H290 May be corrosive to metals.
- H300 Fatal if swallowed.
- H310 Fatal in contact with skin.
- H330 Fatal if inhaled.
- H372 Causes damage to organs through prolonged or repeated exposure. (See Section 11.)
- H400 Very toxic to aquatic life.

EUH032: Contact with acids liberates very toxic gas.

##### Precautionary statements:

###### 1) Prevention

- P234 Keep only in original container.
- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P262 Do not get in eyes, on skin, or on clothing.
- P264 Wash hands thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P273 Avoid release to the environment.
- P280 Wear protective gloves / protective clothing / eye protection / face protection.
- P284 Wear respiratory protection.

###### 2) Response

- P301+P310 IF SWALLOWED : immediately call a POISON CENTER or doctor / physician.
- P302+P352 IF ON SKIN : wash with plenty of soap and water.
- P304+P340 IF INHALED : remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P310 Immediately call a POISON CENTER or doctor/physician.
- P314 Get medical advice/attention if you feel unwell.
- P320 Specific treatment is urgent
- P321 Specific treatment
- P322 Specific measures
- P330 Rinse mouth.
- P361 Remove/Take off immediately all contaminated clothing.
- P363 Wash contaminated clothing before reuse.
- P390 Absorb spillage to prevent material damage.
- P391 Collect spillage.

## SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH), Annex II  
(COMMISSION REGULATION (EU) No 2015/830)

Page 3 of 10  
First Issue : Dec. 1, 2010  
Revised : June. 20, 2017  
(Revised No. : 7)  
SDS No. : TS-003(EU)

### 3) Storage

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P406 Store in corrosive resistant container with a resistant inner liner.

### 4) Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulation

## 2.3 Other hazards

All known hazards are described by this Safety Data Sheet.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substance

Substance name: Sodium Cyanide

EC Number: 205-599-4

CAS Number: 143-33-9

Purity: >98 wt%

Impurities or other constituents contributing to substance classification: Not applicable

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### Inhalation

Immediately remove from exposure.

Give amyl nitrile inhalation, 1 ample (0.2ml) every 5 minutes.

If breathing has stopped or is depressed, give oxygen.

Get medical attention immediately.

#### Skin contact

Immediately remove the contaminated clothing and shoes from the victim.

Immediately wash affected area thoroughly with soap or mild detergent and plenty of water.

Seek medical attention immediately.

#### Eye contact

Immediately and gently flush the affected eye(s) well with plenty of clean water, occasionally lifting upper and lower lids. Seek medical attention immediately.

#### Ingestion

Induce vomiting by giving lukewarm water or dilute sodium chloride solution.

If the victim is unconscious, never give anything by mouth and seek medical attention immediately.

### 4.2 Most important symptoms and effects, both acute and delayed

First aider needs to protect himself.

Sodium Cyanide irritates severely the eye, the skin and the respiratory tract.

Reddening of the eyes or skin, Nausea, Headache, Breathing difficulties, Palpitation, Weakness of arms and/ or legs.

Sodium Cyanide may cause effects on the cellular respiration, resulting in convulsions and unconsciousness.

## SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH), Annex II  
(COMMISSION REGULATION (EU) No 2015/830)

Page 4 of 10  
First Issue : Dec. 1, 2010  
Revised : June. 20, 2017  
(Revised No. : 7)  
SDS No. : TS-003(EU)

---

### 4.3 Indication of any immediate medical attention and special treatment needed

Check that decontamination of patient is complete before treating.

If patient is conscious, lucid and able to communicate, then significant poisoning may not have occurred.

An oximeter can be used by appropriately trained staff to monitor blood gases until trained medical help arrives.

Exposed personnel should be transferred to the hospital and monitored for continuing symptoms.

Shortness of breath, "air hunger", gasping respiration or feelings of suffocation are symptoms of exposure.

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

#### Suitable extinguishing media

Sodium Cyanide itself is incombustible.

#### Unsuitable extinguishing media

Do not use water jet.

### 5.2 Special hazards arising from the substance or mixture

No data available.

### 5.3 Advice for fire fighters

Wear self-contained breathing apparatus and protective suit.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas.

Keep unnecessary personnel away.

Use suitable protective equipment (See Section 8 "Exposure Controls / Personal Protection").

Do not enter scene without proper Personal Protective Equipment.

### 6.2 Environmental precautions

Avoid release to the environment.

Do not let the material get into the public sewage system.

Do not use neutralization agent to try and neutralize cyanide contaminated rivers, streams of other waterways.

### 6.3 Methods and material for containment and cleaning up

Collect in a suitable container.

Shovel or sweep up.

Do not flush with water.

After cleaning, flush away traces with water.

### 6.4 Reference to other sections

Refer to Section 8 for personal protective equipment, Section 13 for disposal information, and Section 15 for Release Reporting information, if applicable.

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**SAFETY DATA SHEET**

According to Regulation (EC) No 1907/2006 (REACH), Annex II  
(COMMISSION REGULATION (EU) No 2015/830)

Page 5 of 10  
First Issue : Dec. 1, 2010  
Revised : June. 20, 2017  
(Revised No. : 7)  
SDS No. : TS-003(EU)

**7. HANDLING AND STORAGE****7.1 Precautions for safe handling**

Always have on hand a cyanide first-aid kit, together with proper instructions.  
Use suitable protective equipment (See Section 8 "Exposure Controls/Personal Protection").  
Do not ingest.  
Do not get in eyes, on skin or on clothing.  
Use only with adequate ventilation.  
Keep container closed.  
After contact with skin, wash immediately with plenty of water.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in a place accessible by authorized persons only.  
Keep locked up. Keep container tightly closed in a dry and well-ventilated place.

**7.3 Specific end uses(s)**

No data available.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****8.1 Control parameters**

Occupational exposure limits

Country	Exposure Limit	Legal Basis
ACGIH(USA)	STEL-C 5 mg/m <sup>3</sup> skin	2016
Spain	VLA-EC 5 mg/m <sup>3</sup> skin	2011

Occupational exposure limits and/or biological limits for air contaminants  
None established

Workers

DNEL/DMEL

Acute - systemic Effects -Dermal 3.0 mg/kg bw/day  
Acute - systemic Effects -Inhalation 9.4 mg/m<sup>3</sup>  
Long term - systemic Effects Dermal 0.102 mg/kg bw/day  
Long-term - systemic Effects - Inhalation 0.72 mg/m<sup>3</sup>

**8.2 Exposure controls**

**Recommended Monitoring Procedures:**

Personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

**Appropriate engineering controls**

Handle only in totally enclosed systems.  
Provide exhaust ventilation or other engineering controls to keep the relevant airborne concentrations below their respective occupational exposure limits.  
Use explosion-proof ventilation equipment.  
Ensure that eyewash stations and safety showers are close to the workstation location.

Individual protection measures, such as personal protective equipment (PPE)

**Personal Protective Measurers**

## SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH), Annex II  
(COMMISSION REGULATION (EU) No 2015/830)

Page 6 of 10  
First Issue : Dec. 1, 2010  
Revised : June. 20, 2017  
(Revised No. : 7)  
SDS No. : TS-003(EU)

---

**Eye/face Protection:**

Do not get in eyes.  
Wear chemical splash safety goggles.  
Wear full face respirator for eye protection if exposures are likely to exceed the Short Term Exposure Limit or significant liquid splash potential exists.  
Ensure that eyewash stations and safety showers are close to the workstation location.  
A respirator is not needed under normal and intended conditions of product use as defined under Engineering Controls.

**Skin Protection:**

Do not get on skin or clothing.  
Wash thoroughly after handling.  
Ensure that eyewash stations and safety showers are close to the workstation location.

**Hands:**

Wear gloves that cannot be penetrated by chemical or oil.  
The correct choice of protective gloves depends upon the chemicals being handled, the conditions of work and use, and the condition of the gloves (even the best chemically resistant glove will break down after repeated chemical exposures).  
Most gloves provide only a short time of protection before they must be discarded and replaced.  
Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application.  
Gloves should therefore be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions.

**Respiratory Protection:**

Use only with adequate ventilation.  
Wear special protective clothing and a full face respirator or a positive pressure, self-contained breathing apparatus(SCBA). Keep container closed.

**Other protection:**

Ensure that eyewash stations and safety showers are close to the workstation location.

**Hygiene Measures:**

Wash hands after handling this material and before eating, smoking, using lavatory and at the end of the day.  
Ensure that eyewash stations and safety showers are close to the workstation location.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance(state, color) : Solid(white)  
Odour : none  
pH : 11-12 (20g/l water)  
Melting/freezing point : 564°C  
Boiling point : 1496 °C  
Flash point : Not applicable  
Vapour pressure : 133kPa (at 817°C)  
Relative density : 1.595 (at 20°C )  
Solubility : 58g/l at 20°C in water  
Partition coefficient;  
n-octanol/water : Not applicable

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## SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH), Annex II  
(COMMISSION REGULATION (EU) No 2015/830)

Page 7 of 10  
First Issue : Dec. 1, 2010  
Revised : June. 20, 2017  
(Revised No. : 7)  
SDS No. : TS-003(EU)

---

Auto-ignition temperature : Not applicable  
Viscosity : No data  
Explosive properties : Not applicable  
Oxidizing properties : Not applicable

### 9.2 Other information

Not available

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Not reactive under normal handling and storage.

### 10.2 Chemical stability

Stable under recommended storage and handling conditions (See Section 7 : Handling and Storage)  
Decomposes slowly on exposure to water.

### 10.3 Possibility of hazardous reactions

Decomposes slowly on exposure to water.  
Contact with acids liberates very toxic gas.

### 10.4 Conditions to avoid

Hydrogen cyanide forms if heated above 300°C

### 10.5 Incompatible materials

Acids, strong oxidizing agents, water.

### 10.6 Hazardous decomposition products

Hydrocyanic acid

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity:

Acute Oral Toxicity LD50 rat 4.7 mg/kg

LD50 rat 6.44 mg/kg

Acute Dermal Toxicity LD50 rabbit 14.6 mg/kg

LD50 mouse 10.0 mg/kg

Acute Inhalation Toxicity LC50 rat 0.015 mg/L.

Chronic exposure: Exposure to low levels of cyanide compounds over long periods of time, is reported to cause loss of appetite, headache, weakness, nausea, dizziness.

Skin Irritation/corrosivity: Contact with aqueous solution or solid on moist skin may cause redness pain, burns, contact dermatitis and ulcers which are slow to heal.

Serious eye irritation/damage: May cause irritation or injury.

Respiratory Sensitisation: Not available

Skin Sensitisation: May cause sensitization by skin contact.

Germ Cell Mutagenicity: Animal testing did not show any mutagenic effects.

Carcinogenicity: Animal testing did not show any carcinogenic effects.

Reproductive Toxicity: Not toxicity to reproduction.



## SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH), Annex II  
(COMMISSION REGULATION (EU) No 2015/830)

Page 8 of 10  
First Issue : Dec. 1, 2010  
Revised : June. 20, 2017  
(Revised No. : 7)  
SDS No. : TS-003(EU)

---

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Specific target organ toxicity (single exposure):	Not available
Specific target organ toxicity (repeated exposure):	Causes damage to organs(central nervous system, testis, kidney, adrenal gland, spleen) through prolonged or repeated exposure.
Aspiration hazard:	Not available

### 11.2 Other Information

Routes of Exposure: Dermal, eye, inhalation and ingestion

Potential Health Effects:

Excessive exposures may affect human health, as follows

Eye Contact:	Severe irritation, Burn, Excessive lachrymation, Blurred vision, Damage, Systemic toxicity.
Skin Contact:	Discomfort, Rash, Severe irritation, Burn, Systemic toxicity.
Inhalation:	Headache, Dizziness, Nausea, Weakness, Shortness of breath, Lowered blood pressure, Unconsciousness, Convulsions, Fatality.
Ingestion:	Shortness of breath, Lowered blood pressure, Unconsciousness, Convulsions, Fatality.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Toxicity to Fish 96-hour LC50 0.08~0.12 mg/L (Sheepshead minnow).

Toxicity to Crustacean 48-hour LC50 0.09 mg/L (Daphnia magna)

### 12.2 Persistence and degradability

Inherently biodegradable (ECHA)

Neutralization is normally necessary before waste water is discharged into water treatment plants.

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Results of PBT and vPvB assessment

Sodium cyanide is not considered to be persistent, bioaccumulating nor toxic.

Sodium cyanide is not considered to be very persistent nor very bioaccumulating.

### 12.6 Other adverse effects

Not data available.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Dispose of contents/container in accordance with local/regional/national/international regulations.

Avoid contact of spilled material and runoff with soil and surface waterways.

Consult an environmental professional to determine if local, regional or national regulations would classify spilled or contaminated materials as hazardous waste.

Use only approved transporters, recyclers, treatment, storage or disposal facilities.

Comply with all local, regional and national laws pertaining to waste management.

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**SAFETY DATA SHEET**According to Regulation (EC) No 1907/2006 (REACH), Annex II  
(COMMISSION REGULATION (EU) No 2015/830)Page 9 of 10  
First Issue : Dec. 1, 2010  
Revised : June. 20, 2017  
(Revised No. : 7)  
SDS No. : TS-003(EU)**13.2 Consult your local or regional authorities.**

Chemical additions, processing or otherwise altering this material may make waste management information presented in the SDS incomplete, inaccurate or otherwise inappropriate.

**14. TRANSPORT INFORMATION**

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
EU ADR/RID	1689	Sodium cyanide, solid	6.1	I	–
IMDG	1689	Sodium cyanide, solid (Sodium Cyanide)	6.1	I	Marine Pollutant
ICAO/IATA	1689	Sodium cyanide, solid	6.1	I	–

**14.6 Special precautions for user**

Do not store with acids. (danger of toxic gases)

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not available

**15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture**

EU regulations

REACH, CLP, SEVESO.

Other regulations

Please refer to any other national measures that may be relevant.

**15.2 Chemical safety assessment**

A chemical safety assessment has been performed

**16. OTHER INFORMATION****16.1 Classification information**

**NOTICE:** This Material Safety Data Sheet is based upon data considered to be accurate at the time of its preparation. Despite our efforts, it may not be up to date or applicable to the circumstances of any particular case. We are not responsible for any damage or injury resulting from abnormal use, from any failure to follow appropriate practices or from hazards inherent in the nature of the product.

**16.2 Further information**

This Safety Data Sheet has been prepared in accordance with Commission Regulation (EU) No [2015/830](#).

The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

# SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH), Annex II  
(COMMISSION REGULATION (EU) No 2015/830)

Page 10 of 10  
First Issue : Dec. 1, 2010  
Revised : June. 20, 2017  
(Revised No. : 7)  
SDS No. : TS-003(EU)

---

Information relates only to the specific material and processes designated in the text and may not be valid for other materials or processes.

Responsibility cannot be accepted for damage or injury resulting from hazards inherent to the product, from abnormal use, or from failure to follow appropriate practices.

## 16.3 Indication of changes

Revision Indicator:

Only Representative was changed.

Some of GHS classification were changed.



# Safety Data Sheet

According to Hazardous Products Regulation (SOR/2015-17)

Revision date: 30.03.2020

Version: 6.3

Print date: 30.03.2020

## SECTION 1: Identification

### Product identifier

Trade name/designation:	Sodium hydroxide granules TECHNICAL
Product No.:	83236
Synonymes:	none/none
CAS No.:	1310-73-2
Other means of identification:	

### Relevant identified uses of the substance or mixture and uses advised against

Recommended Use:	For Further Manufacturing Use Only
Uses advised against:	Not for Human or Animal Drug Use

### Details of the supplier of the safety data sheet

#### Supplier

##### **VWR International**

Street	2360 Argentia Road
Postal code/City	Mississauga, Ontario
	Canada L5N 5Z7
Telephone	+1-800-932-5000 toll-free within US/Canada
Telefax:	+1-610-728-2103





### Emergency phone number

Telephone +1-613-996-6666 (Canutec, 24 hrs/day, 7 days/week, Canada)

### Preparation Information

VWR International - Product Information Compliance

E-mail sds@vwr.com

## SECTION 2: Hazard identification

### 2.1 Classification of the substance or mixture

#### Classification according to Hazardous Products Regulation (SOR/2015-17)

Hazard classes and hazard categories	Hazard statements
Skin corrosion, category 1A	H314

### 2.2 Label elements

#### Labelling in accordance with (SOR/2015-17)

#### Hazard pictograms



Signal word: Danger

Hazard statements	
H314	Causes severe skin burns and eye damage.

Precautionary Statements	
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P310	IF exposed or concerned: Immediately call a POISON CENTER/doctor.

#### Hazards not otherwise classified (HNOC)

none/none





## SECTION 3: Composition / information on ingredients

### 3.1 Substances

Substance name	Sodium hydroxide
Molecular formula	NaOH
Molecular weight	40 g/mol
CAS No.	1310-73-2

## SECTION 4: First aid measures

### 4.1 General information

IF exposed: Immediately call a POISON CENTER/doctor. If unconscious place in recovery position and seek medical advice. Never give anything by mouth to an unconscious person or a person with cramps. Change contaminated, saturated clothing. Do not leave affected person unattended.

#### In case of inhalation

Immediately call a POISON CENTER/doctor. Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

#### In case of skin contact

After contact with skin, wash immediately with plenty of water and soap. Remove contaminated, saturated clothing immediately. Immediate medical treatment required because corrosive injuries that are not treated are hard to cure.

#### After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Protect uninjured eye. Remove contact lenses, if present and easy to do. Continue rinsing.

#### In case of ingestion

Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. Rinse mouth thoroughly with water. Give nothing to eat or drink.

### 4.2 Most important symptoms/effects, acute and delayed

no data available

### 4.3 Indication of any immediate medical attention and special treatment needed

no data available

### 4.4 Self-protection of the first aider

First aider: Pay attention to self-protection!

### 4.5 Information to physician

no data available

## SECTION 5: Fire fighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

The product itself does not burn.

Co-ordinate fire-fighting measures to the fire surroundings.





**Extinguishing media which must not be used for safety reasons**

no restriction

**5.2 Specific hazards arising from the chemical**

In case of fire may be liberated:

Pyrolysis products, toxic

**5.3 Advice for firefighters**

DO NOT fight fire when fire reaches explosives.

Protective equipment and precautions for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

**Additional information**

Do not allow run-off from fire-fighting to enter drains or water courses.

Do not inhale explosion and combustion gases.

Use water spray/stream to protect personnel and to cool endangered containers.

In case of fire: Evacuate area.

## SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures**

Avoid dust formation.

**6.2 Environmental precautions**

Do not allow to enter into surface water or drains.

**6.3 Methods and material for containment and cleaning up**

Spilled product must never be returned to the original container for recycling. Clean contaminated articles and floor according to the environmental legislation. Collect in closed and suitable containers for disposal.

**6.4 Additional information**

Clear spills immediately.

## SECTION 7: Handling and storage

**7.1 Precautions for safe handling**

Avoid:

Inhalation

Avoid contact with eyes and skin.

Use extractor hood (laboratory).

If handled uncovered, arrangements with local exhaust ventilation have to be used.

If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means.

Protect from moisture.

**7.2 Conditions for safe storage, including any incompatibilities**

Recommended storage temperature: Ambient temperature

Keep container tightly closed and in a well-ventilated place. Unsuitable container/equipment material: Aluminium

**7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.





## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Does not contain substances above concentration limits fixing an occupational exposure limit.

### 8.2 Engineering controls

#### **Appropriate engineering controls**

Technical measures and the application of suitable work processes have priority over personal protection equipment. If handled uncovered, arrangements with local exhaust ventilation have to be used.

#### **Personal protection equipment (PPE)**

Wear suitable protective clothing. When handling with chemical substances, protective clothing must be worn.

#### *Eye/face protection*

Eye glasses with side protection

#### *Skin protection*

Wear suitable gloves. When handling with chemical substances, protective gloves must be worn. In the case of wanting to use the gloves again, clean them before taking off and air them well. Check leak tightness/impermeability prior to use.

#### By short-term hand contact

Suitable material:	NBR (Nitrile rubber)
Thickness of the glove material:	0,38 mm
Breakthrough time (maximum wearing time):	-

#### By long-term hand contact

Suitable material:	Butyl caoutchouc (butyl rubber)
Thickness of the glove material:	0,30 mm
Breakthrough time (maximum wearing time):	> 480 min

#### *Respiratory protection*

Respiratory protection necessary at: aerosol or mist formation If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.

#### *Additional information*

Wash hands before breaks and after work. Avoid contact with eyes and skin. When using do not eat, drink or smoke. Provide eye shower and label its location conspicuously.

#### *Environmental exposure controls*

no data available







## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

(a) Appearance	
Physical state:	solid
Color:	white
(b) Odour:	no data available
(c) Odour threshold:	no data available

#### Safety relevant basic data

(d) pH:	14 (50 g/l; H <sub>2</sub> O; 20 °C)
(e) Melting point/freezing point:	323 °C
(f) Initial boiling point and boiling range:	1390 °C (1013 hPa)
(g) Flash point:	no data available
(h) Evaporation rate:	no data available
(i) Flammability (solid, gas):	not applicable
(j) Flammability or explosive limits	
Lower explosion limit:	no data available
Upper explosion limit:	no data available
(k) Vapour pressure:	1 mmHg (739 °C)
(l) Vapour density:	no data available
(m) Relative density:	2.13 g/cm <sup>3</sup> (20 °C)
(n) Solubility(ies)	
Water solubility (g/L):	1,090 g/l (20 °C)
Soluble (g/L) in Ethanol:	no data available
(o) Partition coefficient: n-octanol/water:	no data available
(p) Auto-ignition temperature:	no data available
(q) Decomposition temperature:	no data available
(r) Viscosity	
Kinematic viscosity:	no data available
Dynamic viscosity:	no data available
(s) Explosive properties:	not applicable
(t) Oxidising properties:	not applicable

### 9.2 Other information

Bulk density:	no data available
Refraction index:	1.412 (589 nm; 420 °C)
Dissociation constant:	no data available
Surface tension:	no data available
Henry's Law Constant:	no data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

no data available





## 10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

## 10.3 Possibility of hazardous reactions

Formation of explosive mixtures with:

Metal, base

light metals

Formation of:

Hydrogen

Violent reaction with:

Acid

Oxidising agent, strong

## 10.4 Conditions to avoid

no data available

## 10.5 Incompatible materials

Substance, organic

Metal

## 10.6 Hazardous decomposition products

no data available

## 10.7 Additional information

no data available

# SECTION 11: Toxicological information

## 11.1 Information on toxicological effects

### Acute effects

*Acute oral toxicity:*

no data available

*Acute dermal toxicity:*

LD50: 1350 mg/kg - Rabbit - (IUCLID)

*Acute inhalation toxicity:*

no data available

### Irritant and corrosive effects

*Primary irritation to the skin:*

Causes severe skin burns and eye damage.

*Irritation to eyes:*

Causes serious eye damage.

*Irritation to respiratory tract:*

not applicable





**Respiratory or skin sensitization**

In case of skin contact: not sensitising  
In case of inhalation: not sensitising

**STOT-single exposure**

not applicable

**STOT-repeated exposure**

not applicable

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

**Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen.

no data available	ACGIH	IARC	NTP	OSHA

**Germ cell mutagenicity**

No indications of human germ cell mutagenicity exist.

**Reproductive toxicity**

No indications of human reproductive toxicity exist.

**Aspiration hazard**

not applicable

**Other adverse effects**

no data available

**Additional information**

no data available

**SECTION 12: Ecological information**

**12.1 Ecotoxicity**

**Fish toxicity:**

LC50: 196 mg/l (96 h) - Adema, D.M.M. 1985. Aquatic Toxicity of Compounds that may be Carried by Ships (Marpol 19733 Annex II). A Progress Report for 1985. Tech.Rep.No.R85/217, TNO, The Hague, Netherlands :40 p.

**Daphnia toxicity:**

EC50: 40.4 mg/l (48 h) - Warne, M.S.J., and A.D. Schifko 1999. Toxicity of Laundry Detergent Components to a Freshwater Cladoceran and Their Contribution to Detergent Toxicity. Ecotoxicol.Environ.Saf. 44(2):196-206

**Algae toxicity:**

no data available

**Bacteria toxicity:**

no data available





## 12.2 Persistence and degradability

no data available

## 12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water: no data available

## 12.4 Mobility in soil:

no data available

## 12.5 Results of PBT/vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

## 12.6 Other adverse effects

no data available

# SECTION 13: Disposal considerations

## 13.1 Waste treatment methods

### Appropriate disposal / Product

Dispose according to legislation. Consult the appropriate local waste disposal expert about waste disposal.

Waste code product: 060204

### Appropriate disposal / Package

Dispose according to legislation. Handle contaminated packages in the same way as the substance itself.

### Additional information

no data available

# SECTION 14: Transport information

## Land transport (TDG)

UN-No.:	1823
Proper Shipping Name:	SODIUM HYDROXIDE, SOLID
Class(es):	8
Packing group:	II
Environmental hazards:	No
Marine pollutant:	No
Special precautions for user:	

## Sea transport (IMDG)

UN-No.:	1823
Proper Shipping Name:	SODIUM HYDROXIDE, SOLID
Class(es):	8
Classification code:	
Hazard label(s):	8
Packing group:	II





Environmental hazards: No  
Marine pollutant: No  
Special precautions for user:  
Segregation group: 18  
EmS-No. F-A S-B  
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code not relevant

### Air transport (ICAO-TI / IATA-DGR)

UN-No.: 1823  
Proper Shipping Name: SODIUM HYDROXIDE, SOLID  
Class(es): 8  
Classification code:  
Hazard label(s): 8  
Packing group: II  
Special precautions for user:

## SECTION 15: Regulatory information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

Domestic Substance List:





## SECTION 16: Other information

### Abbreviations and acronyms

ACGIH - American Conference of Governmental Industrial Hygienists  
DOT - Department of Transportation  
IARC - International Agency for Research on Cancer  
IATA-DGR - International Air Transport Association-Dangerous Goods Regulations  
ICAO-TI - International Civil Aviation Organization-Technical Instructions  
IMDG - International Maritime Code for Dangerous Goods  
LTV - Long Term Value  
NIOSH - National Institute for Occupational Safety and Health  
NTP - National Toxicology Program  
OSHA - Occupational Safety & Health Administration  
PBT - Persistent, Bioaccumulative and Toxic  
PEL - Permissible Exposure Limit  
STV - Short Term Value  
SVHC - Substances of Very High Concern  
TDG - Transport of Dangerous Goods  
TLV - Threshold Limit Value  
vPvB - very Persistent, very Bioaccumulative

### Additional information

Indication of changes:                      general update

*The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guidance. The information in this document is based on the present state knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. VWR International and his Affiliates shall not be held liable for any damage resulting from handling.*



## SAFETY DATA SHEET

Version 8.4  
Revision Date 25.11.2021  
Print Date 18.02.2022

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifiers**

Product name : Sodium Borate Decahydrate Crystals GR ACS  
Product Number : SX0355  
Brand : Millipore  
Index-No. : 005-011-01-1  
CAS-No. : 1303-96-4

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Identified uses : Reagent for analysis

**1.3 Details of the supplier of the safety data sheet**

Company : MilliporeSigma Canada Ltd  
2149 WINSTON PARK DRIVE  
OAKVILLE ON L6H 6J8  
CANADA

Telephone : +1 905 829-9500  
Fax : +1 905 829-9292

**1.4 Emergency telephone**

Emergency Phone # : 800-424-9300 CHEMTREC (USA)  
+1-703-527-3887 CHEMTREC  
(International)  
24 Hours/day; 7 Days/week

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****GHS Classification in accordance with Hazardous Products Regulations (HPR) (SOR/2015-17)**

Eye irritation (Category 2A), H319  
Reproductive toxicity (Category 1B), H360

For the full text of the H-Statements mentioned in this Section, see Section 16.

**2.2 GHS Label elements, including precautionary statements**

Pictogram



Signal word : Danger

Hazard statement(s)  
H319 : Causes serious eye irritation.

H360	May damage fertility or the unborn child.
Precautionary statement(s)	
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P264	Wash skin thoroughly after handling.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/ attention.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

### 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

- none

---

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Formula	: B4Na2O7.10H2O
Molecular weight	: 381.37 g/mol
CAS-No.	: 1303-96-4
EC-No.	: 603-411-9
Index-No.	: 005-011-01-1

Component	Classification	Concentration *
<b>disodium tetraborate decahydrate</b>		
	Eye Irrit. 2A; Repr. 1B; H319, H360 Concentration limits: >= 8.5 %: Repr. 1B, H360FD;	<= 100 %
* Weight %		

For the full text of the H-Statements mentioned in this Section, see Section 16.

---

## SECTION 4: First aid measures

### 4.1 Description of first-aid measures

#### General advice

Show this material safety data sheet to the doctor in attendance.

#### If inhaled

After inhalation: fresh air. Call in physician.



**In case of skin contact**

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. Consult a physician.

**In case of eye contact**

After eye contact: rinse out with plenty of water. Call in ophthalmologist. Remove contact lenses.

**If swallowed**

After swallowing: immediately make victim drink water (two glasses at most). Consult a physician.

**4.2 Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**4.3 Indication of any immediate medical attention and special treatment needed**

No data available

---

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media**

For this substance/mixture no limitations of extinguishing agents are given.

**5.2 Special hazards arising from the substance or mixture**

Borane/boron oxides

Sodium oxides

Not combustible.

Ambient fire may liberate hazardous vapours.

**5.3 Advice for firefighters**

Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

**5.4 Further information**

Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

---

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Advice for non-emergency personnel: Avoid inhalation of dusts. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert.

For personal protection see section 8.

**6.2 Environmental precautions**

Do not let product enter drains.

### 6.3 Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up carefully. Dispose of properly. Clean up affected area. Avoid generation of dusts.

### 6.4 Reference to other sections

For disposal see section 13.

---

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

Work under hood. Do not inhale substance/mixture.

#### Hygiene measures

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.

For precautions see section 2.2.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage conditions

Tightly closed. Dry. Keep in a well-ventilated place. Keep locked up or in an area accessible only to qualified or authorized persons.

Recommended storage temperature see product label.

#### Storage class

Storage class (TRGS 510): 6.1D: Non-combustible, acute toxic Cat.3 / toxic hazardous materials or hazardous materials causing chronic effects

### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

---

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Components with workplace control parameters

Components	CAS-No.	Value	Control parameters	Basis
disodium tetraborate decahydrate	1303-96-4	TWA	1 mg/m <sup>3</sup>	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
Remarks	Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required			
		STEL	3 ppm	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
	Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required			

		TWAEV	2 mg/m <sup>3</sup>	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants
		STEV	6 mg/m <sup>3</sup>	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants
		TWA	2 mg/m <sup>3</sup>	Canada. British Columbia OEL
		STEL	6 mg/m <sup>3</sup>	Canada. British Columbia OEL
		TWA	2 mg/m <sup>3</sup>	USA. ACGIH Threshold Limit Values (TLV)
		STEL	6 mg/m <sup>3</sup>	USA. ACGIH Threshold Limit Values (TLV)

## 8.2 Exposure controls

### Appropriate engineering controls

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.

### Personal protective equipment

#### Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses

#### Skin protection

This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: [www.kcl.de](http://www.kcl.de)).

Full contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested:KCL 741 Dermatril® L

This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: [www.kcl.de](http://www.kcl.de)).

Splash contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested:KCL 741 Dermatril® L

**Body Protection**  
protective clothing

**Respiratory protection**

required when dusts are generated.

Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.

**Control of environmental exposure**

Do not let product enter drains.

---

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

a) Appearance	Form: crystals Color: white
b) Odor	odorless
c) Odor Threshold	Not applicable
d) pH	9.0 - 9.5 at 38.1 g/l at 25 °C (77 °F)
e) Melting point/freezing point	Melting point: 75 °C (167 °F) - Elimination of water of crystallization
f) Initial boiling point and boiling range	320 °C 608 °F - Decomposes below the boiling point.
g) Flash point	( )Not applicable
h) Evaporation rate	No data available
i) Flammability (solid, gas)	The product is not flammable.
j) Upper/lower flammability or explosive limits	No data available
k) Vapor pressure	0.213 hPa at 20 °C (68 °F)
l) Vapor density	No data available
m) Density	1.730 g/cm <sup>3</sup>
Relative density	No data available
n) Water solubility	38.1 g/l at 20 °C (68 °F) - completely soluble
o) Partition coefficient: n-octanol/water	Not applicable for inorganic substances
p) Autoignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	none

## 9.2 Other safety information

Bulk density ca.750 kg/m<sup>3</sup>

---

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

### 10.3 Possibility of hazardous reactions

Violent reactions possible with:  
strong oxidising agents  
Acids  
metallic salts

### 10.4 Conditions to avoid

no information available

### 10.5 Incompatible materials

No data available

### 10.6 Hazardous decomposition products

In the event of fire: see section 5

---

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

LD50 Oral - Rat - male - > 2,500 mg/kg  
(OECD Test Guideline 401)

LC50 Inhalation - Rat - male and female - 4 h - > 2.12 mg/l - dust/mist

(OECD Test Guideline 403)

The value is given in analogy to the following substances: disodium tetraborate pentahydrate

LD50 Dermal - Rabbit - male and female - > 2,000 mg/kg

Remarks: (ECHA)

The value is given in analogy to the following substances: disodium tetraborate pentahydrate

No data available

#### Skin corrosion/irritation

Skin - Rabbit

Result: No skin irritation - 24 h

Remarks: (ECHA)

The value is given in analogy to the following substances: disodium tetraborate pentahydrate

#### Serious eye damage/eye irritation

Eyes - Rabbit

Result: Causes serious eye irritation. - 14 Days

(OECD Test Guideline 405)

### **Respiratory or skin sensitization**

Buehler Test - Guinea pig

Result: negative

(OECD Test Guideline 406)

### **Germ cell mutagenicity**

Test Type: sister chromatid exchange assay

Test system: Chinese hamster ovary cells

Metabolic activation: with and without metabolic activation

Result: negative

Remarks: (in analogy to similar products)

Test Type: Ames test

Test system: *S. typhimurium*

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 471

Result: negative

Test Type: In vitro mammalian cell gene mutation test

Test system: mouse lymphoma cells

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 476

Result: negative

Test Type: Micronucleus test

Species: Mouse

Application Route: Oral

Method: OECD Test Guideline 474

### **Carcinogenicity**

No data available

### **Reproductive toxicity**

May damage the unborn child.

May damage fertility.

### **Specific target organ toxicity - single exposure**

No data available

### **Specific target organ toxicity - repeated exposure**

No data available

### **Aspiration hazard**

No data available

## **11.2 Additional Information**

Repeated dose toxicity - Rat - male and female - Oral - 2 yr - NOAEL (No observed adverse effect level) - 100 mg/kg - LOAEL (Lowest observed adverse effect level) - 334 mg/kg  
Remarks: (ECHA)

Animal feeding studies in rat, mouse and dog, at high doses, have demonstrated effects on fertility and testes. Studies with the chemically related boric acid in the rat, mouse and rabbit, at high doses, demonstrate developmental effects on the fetus, including fetal weight loss and minor skeletal variations. The doses administered were many times in excess of those to which humans would normally be exposed. Human epidemiological studies show no increase in pulmonary disease in occupational populations with chronic exposures to boric acid dust and sodium borate dust. A recent epidemiological study under

the conditions of normal occupational exposure to borate dusts indicated no effect on fertility.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

---

## **SECTION 12: Ecological information**

### **12.1 Toxicity**

No data available

### **12.2 Persistence and degradability**

The methods for determining biodegradability are not applicable to inorganic substances.

### **12.3 Bioaccumulative potential**

Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected.

### **12.4 Mobility in soil**

No data available

### **12.5 Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

### **12.6 Endocrine disrupting properties**

No data available

### **12.7 Other adverse effects**

Herbicide

Discharge into the environment must be avoided.

---

## **SECTION 13: Disposal considerations**

### **13.1 Waste treatment methods**

#### **Product**

Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself. See [www.retrologistik.com](http://www.retrologistik.com) for processes regarding the return of chemicals and containers, or contact us there if you have further questions.

---

## **SECTION 14: Transport information**

### **TDG**

Not regulated as a dangerous good

### **IMDG**

Not dangerous goods

### **IATA**

Not dangerous goods

### **Further information**

Millipore - SX0355

Page 9 of 10

Not classified as dangerous in the meaning of transport regulations.

---

**SECTION 15: Regulatory information**

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

---

**SECTION 16: Other information****Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See [www.sigma-aldrich.com](http://www.sigma-aldrich.com) and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

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Version: 8.4

Revision Date: 25.11.2021

Print Date: 18.02.2022





# Safety Data Sheet

According to Hazardous Products Regulation (SOR/2015-17)

Revision date: 14.07.2021

Version: 6.4

Print date: 14.07.2021

## SECTION 1: Identification

### Product identifier

Trade name/designation:	Sulfuric acid ACS
Product No.:	88366
Synonymes:	none/none
CAS No.:	7664-93-9
Other means of identification:	

### Relevant identified uses of the substance or mixture and uses advised against

Recommended Use:	For Further Manufacturing Use Only
Uses advised against:	Not for Human or Animal Drug Use

### Details of the supplier of the safety data sheet

#### Supplier

##### **VWR International**

Street	2360 Argentia Road
Postal code/City	Mississauga, Ontario
	Canada L5N 5Z7
Telephone	+1-800-932-5000 toll-free within US/Canada
Telefax:	+1-610-728-2103





### Emergency phone number

Telephone +1-613-996-6666 (Canutec, 24 hrs/day, 7 days/week, Canada)

### Preparation Information

VWR International - Product Information Compliance

E-mail sds@vwr.com

## SECTION 2: Hazard identification

### 2.1 Classification of the substance or mixture

#### Classification according to Hazardous Products Regulation (SOR/2015-17)

Hazard classes and hazard categories	Hazard statements
Skin corrosion, category 1A	H314

### 2.2 Label elements

#### Labelling in accordance with (SOR/2015-17)

#### Hazard pictograms



Signal word: Danger

Hazard statements	
H314	Causes severe skin burns and eye damage.

Precautionary statements	
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P310	IF exposed or concerned: Immediately call a POISON CENTER/doctor.

#### Hazards not otherwise classified (HNOC)

none/none





## SECTION 3: Composition / information on ingredients

### 3.1 Substances

not applicable

### 3.2 Mixtures

**Hazardous ingredients GHS Classification in accordance with (SOR/2015-17)**

Substance name	Concentration	Identifier	Hazard classes and hazard categories
Sulfuric acid	95 - 98%	CAS No.: 7664-93-9	Skin Corr. 1A - H314

## SECTION 4: First aid measures

### 4.1 General information

IF exposed: Immediately call a POISON CENTER/doctor. If unconscious but breathing normally, place in recovery position and seek medical advice. Never give anything by mouth to an unconscious person or a person with cramps. Change contaminated, saturated clothing. Do not leave affected person unattended.

#### In case of inhalation

Immediately call a POISON CENTER/doctor. Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

#### In case of skin contact

After contact with skin, wash immediately with plenty of water and soap. Remove contaminated, saturated clothing immediately. Immediate medical treatment required because corrosive injuries that are not treated are hard to cure.

#### After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Protect uninjured eye. Remove contact lenses, if present and easy to do. Continue rinsing.

#### In case of ingestion

Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. Rinse mouth thoroughly with water. Give nothing to eat or drink.

#### Self-protection of the first aider

First aider: Pay attention to self-protection!

### 4.2 Most important symptoms/effects, acute and delayed

no data available

### 4.3 Indication of any immediate medical attention and special treatment needed

no data available

## SECTION 5: Fire fighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

The product itself does not burn.

Co-ordinate fire-fighting measures to the fire surroundings.





**Extinguishing media which must not be used for safety reasons**

no restriction

**5.2 Specific hazards arising from the chemical**

In case of fire may be liberated:

Sulphur oxides

**5.3 Advice for firefighters**

DO NOT fight fire when fire reaches explosives.

Protective equipment and precautions for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

**Additional information**

Do not allow run-off from fire-fighting to enter drains or water courses.

Do not inhale explosion and combustion gases.

Use water spray/stream to protect personnel and to cool endangered containers.

In case of fire: Evacuate area.

## SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures**

In case of major fire and large quantities: Remove persons to safety. Wear a self-contained breathing apparatus and chemical protective clothing.

**6.2 Environmental precautions**

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

**6.3 Methods and material for containment and cleaning up**

Spilled product must never be returned to the original container for recycling. Clean contaminated articles and floor according to the environmental legislation. Soak up inert absorbent and dispose as waste requiring special attention.

**6.4 Additional information**

Clear spills immediately.

## SECTION 7: Handling and storage

**7.1 Precautions for safe handling**

Avoid:

Inhalation

Avoid contact with eyes and skin.

Use extractor hood (laboratory).

If handled uncovered, arrangements with local exhaust ventilation have to be used.

If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means.

Protect from moisture.

**7.2 Conditions for safe storage, including any incompatibilities**

Recommended storage temperature: 15-25 °C

Keep container tightly closed and in a well-ventilated place.

**7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.





## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Ingredient (Designation)	Regulatory information	Country	Limit value type (country of origin)	Limit value
Sulfuric acid	CNESST	CA	VECD	3 mg/m <sup>3</sup>
Sulfuric acid	CNESST	CA	VEMP	1 mg/m <sup>3</sup>

### 8.2 Engineering controls

#### Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment. If handled uncovered, arrangements with local exhaust ventilation have to be used.

#### Personal protection equipment (PPE)

Wear suitable protective clothing. When handling with chemical substances, protective clothing must be worn.

#### *Eye/face protection*

Eye glasses with side protection

#### *Skin protection*

Wear suitable gloves. When handling with chemical substances, protective gloves must be worn. In the case of wanting to use the gloves again, clean them before taking off and air them well. Check leak tightness/impermeability prior to use.

#### By short-term hand contact

Suitable material:	CR (polychloroprene, chloroprene rubber)
Thickness of the glove material:	0,75 mm
Breakthrough time::	120-240 min

#### By long-term hand contact

Suitable material:	Butyl caoutchouc (butyl rubber)/FKM (fluoro rubber)
Thickness of the glove material:	0,70 mm
Breakthrough time::	> 480 min

#### *Respiratory protection*

Respiratory protection necessary at: aerosol or mist formation If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.

#### *Additional information*

Wash hands before breaks and after work. Avoid contact with eyes and skin. When using do not eat, drink or smoke. Provide eye shower and label its location conspicuously.

#### *Environmental exposure controls*

no data available





## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

(a) Appearance	
Physical state:	liquid
Color:	colorless
(b) Odour:	odourless
(c) Odour threshold:	no data available

#### Safety relevant basic data

(d) pH:	< 1 (20 °C)
(e) Melting point/freezing point:	-14 °C
(f) Initial boiling point and boiling range:	310 °C (1013 hPa)
(g) Flash point:	no data available
(h) Evaporation rate:	no data available
(i) Flammability (solid, gas):	not applicable
(j) Flammability or explosive limits	
Lower explosion limit:	no data available
Upper explosion limit:	no data available
(k) Vapour pressure:	0.01 hPa (55 °C)
(l) Vapour density:	no data available
(m) Density:	1.84 g/cm <sup>3</sup> (20 °C)
(n) Solubility(ies)	
Water solubility:	no data available
(o) Partition coefficient: n-octanol/water:	no data available
(p) Auto-ignition temperature:	no data available
(q) Decomposition temperature:	no data available
(r) Viscosity	
Kinematic viscosity:	no data available
Dynamic viscosity:	no data available
(s) Explosive properties:	not applicable
(t) Oxidising properties:	not applicable
(u) Particle characteristics:	no data available

### 9.2 Other information

Bulk density:	no data available
Refraction index:	no data available
Dissociation constant:	no data available
Surface tension:	no data available
Henry's Law Constant:	no data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Corrosive to metals





## 10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

## 10.3 Possibility of hazardous reactions

Explosive reaction with:

Alkali metals

Alkaline earth metal

Alkali (lye)

Violent reaction with:

light metals

Powdered metals

Exothermic reaction with:

Water

Substance, organic

## 10.4 Conditions to avoid

Humidity

## 10.5 Incompatible materials

Metal

## 10.6 Hazardous decomposition products

no data available

## 10.7 Additional information

no data available

# SECTION 11: Toxicological information

## 11.1 Information on toxicological effects

### Acute effects

*Acute oral toxicity:*

Sulfuric acid - LD50: > 2140 mg/kg - Rat - (Merck KGaA)

*Acute dermal toxicity:*

no data available

*Acute inhalation toxicity:*

Sulfuric acid - LC50: 375 mg/m3 - Rat - (IUCLID)

### Irritant and corrosive effects

*Primary irritation to the skin:*

Causes severe skin burns and eye damage.

*Irritation to eyes:*

Causes serious eye damage.

*Irritation to respiratory tract:*

not applicable





**Respiratory or skin sensitization**

In case of skin contact: not sensitising

In case of inhalation: not sensitising

**STOT-single exposure**

not applicable

**STOT-repeated exposure**

not applicable

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

**Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Ingredient	ACGIH	IARC	NTP	OSHA

**Germ cell mutagenicity**

No indications of human germ cell mutagenicity exist.

**Reproductive toxicity**

No indications of human reproductive toxicity exist.

**Aspiration hazard**

not applicable

**Other adverse effects**

no data available

**Additional information**

no data available

**SECTION 12: Ecological information**

**12.1 Ecotoxicity**

**Fish toxicity:**

no data available

**Daphnia toxicity:**

Sulfuric acid - LC50: 42.5 mg/l (48 h) - Portmann, J.E., and K.W. Wilson 1971. The Toxicity of 140 Substances to the Brown Shrimp and Other Marine Animals. Shellfish Information Leaflet No.22 (2nd Ed.), Ministry of Agric.Fish.Food, Fish.Lab.Burnham-on-Crouch: 12p.

**Algae toxicity:**

no data available

**Bacteria toxicity:**

no data available







## 12.2 Persistence and degradability

no data available

## 12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water: no data available

## 12.4 Mobility in soil:

no data available

## 12.5 Results of PBT/vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

## 12.6 Other adverse effects

no data available

# SECTION 13: Disposal considerations

## 13.1 Waste treatment methods

### Appropriate disposal / Product

Dispose according to legislation. Consult the appropriate local waste disposal expert about waste disposal.

Waste code product: no data available

### Appropriate disposal / Package

Dispose according to legislation. Handle contaminated packages in the same way as the substance itself.

### Additional information

no data available

# SECTION 14: Transport information

## Land transport (TDG)

UN-No.:	1830
Proper Shipping Name:	SULPHURIC ACID
Class(es):	8
Packing group:	II
Environmental hazards:	No
Marine pollutant:	No
Special precautions for user:	

## Sea transport (IMDG)

UN-No.:	1830
Proper Shipping Name:	SULPHURIC ACID
Class(es):	8
Classification code:	
Hazard label(s):	8
Packing group:	II





Environmental hazards: No  
Marine pollutant: No  
Special precautions for user:  
Segregation group: 1  
EmS-No. F-A S-B  
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code not relevant

### **Air transport (ICAO-TI / IATA-DGR)**

UN-No.: 1830  
Proper Shipping Name: SULPHURIC ACID  
Class(es): 8  
Classification code:  
Hazard label(s): 8  
Packing group: II  
Special precautions for user:

## **SECTION 15: Regulatory information**

### **Safety, health and environmental regulations/legislation specific for the substance or mixture**

Domestic Substance List:





## SECTION 16: Other information

### Abbreviations and acronyms

H314 - Causes severe skin burns and eye damage.

ACGIH - American Conference of Governmental Industrial Hygienists

DOT - Department of Transportation

IARC - International Agency for Research on Cancer

IATA-DGR - International Air Transport Association-Dangerous Goods Regulations

ICAO-TI - International Civil Aviation Organization-Technical Instructions

IMDG - International Maritime Code for Dangerous Goods

LTV - Long Term Value

NIOSH - National Institute for Occupational Safety and Health

NTP - National Toxicology Program

OSHA - Occupational Safety & Health Administration

PBT - Persistent, Bioaccumulative and Toxic

PEL - Permissible Exposure Limit

STV - Short Term Value

SVHC - Substances of Very High Concern

TDG - Transport of Dangerous Goods

TLV - Threshold Limit Value

vPvB - very Persistent, very Bioaccumulative

Training advice: Provide adequate information, instruction and training for operators.

### Key literature references and sources for data

This Safety Data Sheet has been prepared based on information available for public as TOXNET information, European Chemicals Agency (ECHA) substance dossier, papers from international cancer research institutes (IARC Monographs), U.S. National Toxicology Program data, U.S. Agency for Toxic Substances and Disease Control (ATSDR), PubChem websites and SDS from our raw material manufacturers.





**Classification according to Regulation (EC) No 1272/2008 [CLP] - Classification procedure**

Hazard statements	Hazard classes and hazard categories	Classification procedure
H314	Skin Corr. 1A	Calculation method.

**Additional information**

Indication of changes

Section 2 & 3

If you need an explanation of the change, contact the supplier. (SDS@avantosciences.com)

*The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guidance. The information in this document is based on the present state knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. VWR International and his Affiliates shall not be held liable for any damage resulting from handling.*



## **APPENDIX G ECA & NOTICE LETTER**

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## Content Copy Of Original



Ministry of the Environment and Climate Change  
Ministère de l'Environnement et de l'Action en matière de changement  
climatique

### AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 0412-A2LR4V

Issue Date: September 24, 2015

New Gold Inc.  
1111 Victoria Ave E  
Thunder Bay, Ontario  
P7C 1B7

Site Location: Various Locations  
Rainy River Project  
Unsurveyed Territory (Kenora Area Office) Unorganized  
Area, District of Rainy River

*You have applied under section 20.2 of Part II.1 of the Environmental Protection Act, R.S.O. 1990, c. E. 19 (Environmental Protection Act) for approval of:*

#### DESCRIPTION SECTION

A gold mining and processing facility, consisting of the following processes and support units:

- Open pit and underground mining operations.
- Ore handling, crushing and grinding operations.
- Ore processing facility consisting of leaching and carbon-in-pulp gold adsorption, carbon stripping, electrowinning and refining operations.
- Tailings management and treatment including cyanide destruction.
- Propane fired heaters.

including the *Equipment* and any other ancillary and support processes and activities, operating at a *Facility Production Limit* of up to **32,000 tonnes of ore processed per day**, discharging to the air as described in the *Original ESDM Report*.

*For the purpose of this environmental compliance approval, the following definitions apply:*

1. "*Acceptable Maximum Ground Level Concentration*" means a concentration accepted by the *Ministry*, as described in the Guide to Applying for Approval (Air & Noise), for a *Compound of Concern* listed in the *Original ESDM Report* that:

(a) has no *Ministry Point of Impingement Limit* and no *Jurisdictional Screening Level*, or

(b) has a concentration at a *Point of Impingement* that exceeds the *Jurisdictional Screening Level*.

2. "*Acoustic Assessment Report*" means the report, prepared in accordance with *Publication NPC-233* and Appendix A of the *Basic Comprehensive User Guide*, by AMEC Environment & Infrastructure, dated September 2014 and signed by Mohammed Salim, P.Eng., submitted in support of the application, that documents all sources of noise emissions and *Noise Control Measures* present at the *Facility* and includes all up-dated *Acoustic Assessment Reports* as required by the Documentation Requirements conditions of this *Approval* to demonstrate continued compliance with the *Performance*

*Limits* following the implementation of any *Modification*.

3. "*Acoustic Assessment Summary Table*" means a table prepared in accordance with the *Basic Comprehensive User Guide* summarising the results of the *Acoustic Assessment Report*, up-dated as required by the Documentation Requirements conditions of this *Approval*.

4. "*Air Quality Monitoring Manual*" means the *Ministry* publication entitled "Operations Manual for Air Quality Monitoring in Ontario", dated March 2008, as amended.

5. "*Air Standards Manager*" means the Manager, Human Toxicology and Air Standards Section, Standards Development Branch, or any other person who represents and carries out the duties of the Manager, Human Toxicology and Air Standards Section, Standards Development Branch, as those duties relate to the conditions of this *Approval*.

6. "*Approval*" means this entire Environmental Compliance Approval and any *Schedules* to it.

7. "*Basic Comprehensive User Guide*" means the *Ministry* document titled "Basic Comprehensive Certificates of Approval (Air) User Guide" dated March 2011, as amended.

8. "*Best Management Practices Plans*" means the documents titled "Fugitive Dust Best Management Practices Plan-Development Phase, Rev A, dated July 2014 and "Fugitive Dust Best Management Practices Plan-Operations Phase, Rev A, dated July 2014 ", as amended, prepared by AMEC Americas Limited, which describes measures to minimize dust emissions from the *Facility* and/or *Equipment*.

9. "*Company*" means New Gold Inc. that is responsible for the construction or operation of the *Facility* and includes any successors and assigns in accordance with section 19 of the *EPA*.

10. "*Compound of Concern*" means a contaminant that, based on generally available information, may be discharged to the air in a quantity from the *Facility* that:

(a) is non-negligible in accordance with section 26(1)4 of *O. Reg. 419/05* in comparison to the relevant *Ministry Point of Impingement Limit*; or

(b) if a *Ministry Point of Impingement Limit* is not available for the compound, may cause an adverse effect at a *Point of Impingement* based on generally available toxicological information.

11. "*Description Section*" means the section on page one of this *Approval* describing the *Company's* operations and the *Equipment* located at the *Facility* and specifying the *Facility Production Limit* for the *Facility*.

12. "*Director*" means a person appointed by the Minister pursuant to section 5 of the *EPA*.

13. "*District Manager*" means the District Manager of the appropriate local district office of the *Ministry*, where the *Facility* is geographically located.

14. "*Emission Summary Table*" means the most updated table contained in the *ESDM Report*, which is prepared in accordance with section 26 of *O. Reg. 419/05* and the *Procedure Document* listing the appropriate *Point of Impingement* concentration for each *Compound of Concern* from the *Facility* and providing comparison to the corresponding *Ministry Point of Impingement Limit* or *Maximum Concentration Level Assessment*, or *Jurisdictional Screening Level*.

15. "*Environmental Assessment Act*" means the Environmental Assessment Act, R.S.O. 1990, c.E.18, as amended.

16. "*EPA*" means the Environmental Protection Act, R.S.O. 1990, c.E.19, as amended.

17. "*Equipment*" means equipment or processes described in the *ESDM Report*, this *Approval* and in

the *Schedules* referred to herein and any other equipment or processes.

18. "*Equipment with Specific Operational Limits*" means any *Equipment* related to the thermal oxidation of waste or waste derived fuels, fume incinerators or any other *Equipment* that is specifically referenced in any published *Ministry* document that outlines specific operational guidance that must be considered by the *Director* in issuing an *Approval*.

19. "*ESDM Report*" means the most current Emission Summary and Dispersion Modelling Report that describes the *Facility*. The *ESDM Report* is based on the *Original ESDM Report*, is prepared after the issuance of this *Approval* in accordance with section 26 of *O. Reg. 419/05* and the *Procedure Document* by the *Company* or its consultant.

20. "*Facility*" means the entire operation located on the property where the *Equipment* is located.

21. "*Facility Production Limit*" means the production limit placed by the *Director* on the main product(s) or raw materials used by the *Facility*.

22. "*Jurisdictional Screening Level*" means a screening level for a *Compound of Concern* that is listed in the *Ministry* publication titled "Jurisdictional Screening Level (JSL) List, A Screening Tool for Ontario Regulation 419: Air Pollution - Local Air Quality", dated February 2008, as amended.

23. "*Log*" means the up-to-date log that is used to track all *Modifications* to the *Facility* since the date of this *Approval* as required by the Documentation Requirements conditions of this *Approval*.

24. "*Maximum Concentration Level Assessment*" means the Maximum Concentration Level Assessment for the purposes of an *Approval*, described in the *Basic Comprehensive User Guide*, prepared by a *Toxicologist* using currently available toxicological information, that demonstrates that the concentration at any *Point of Impingement* for a *Compound of Concern* that does not have a *Ministry Point of Impingement Limit* is not likely to cause an adverse effect as defined by the *EPA*.

25. "*Ministry*" means the ministry of the government of Ontario responsible for the *EPA* and its regulations and includes all officials, employees or other persons acting on its behalf.

26. "*Ministry Point of Impingement Limit*" means the applicable Standard set out in Schedule 2 or 3 of *O.Reg. 419/05* or a limit set out in the *Ministry* publication titled "Summary of Standards and Guidelines to support Ontario Regulation 419: Air Pollution - Local Air Quality (including Schedule 6 of *O. Reg. 419* on Upper Risk Thresholds)", dated April 2012, as amended.

27. "*Modification*" means any construction, alteration, extension or replacement of any plant, structure, equipment, apparatus, mechanism or thing, or alteration of a process or rate of production at the *Facility* that may discharge or alter the rate or manner of discharge of a *Compound of Concern* to the air or discharge or alter noise or vibration emissions from the *Facility*.

28. "*Noise Control Measures*" means measures to reduce the noise emission from the *Facility* and/or *Equipment* including, but not limited to silencers, acoustic louvers, enclosures, absorptive treatment, plenums and barriers. It also means the noise control measures detailed in the *Acoustic Assessment Report*.

29. "*O. Reg. 419/05*" means the Ontario Regulation 419/05, Air Pollution – Local Air Quality, as amended.

30. "*Original ESDM Report*" means the Emission Summary and Dispersion Modelling Report which was prepared in accordance with section 26 of *O. Reg. 419/05* and the *Procedure Document* by AMEC Environment & Infrastructure, a division of AMEC Americas Limited and dated September 12, 2014 submitted in support of the application, and includes any changes to the report made up to the date of issuance of this *Approval*.



31. "*Performance Limits*" means the performance limits specified in Condition 3.2 of this *Approval* titled Performance Limits.

32. "*Point of Impingement*" has the same meaning as in section 2 of *O. Reg. 419/05*.

33. "*Point of Reception*" means Point of Reception as defined by *Publication NPC-300*.

34. "*Procedure Document*" means *Ministry* guidance document titled "Procedure for Preparing an Emission Summary and Dispersion Modelling Report" dated March 2009, as amended.

35. "*Processes with Significant Environmental Aspects*" means the *Equipment* which, during regular operation, would discharge a contaminant or contaminants into the air at an amount which is not considered as negligible in accordance with section 26(1)4 of *O. Reg. 419/05* and the *Procedure Document*.

36. "*Publication NPC-207*" means the *Ministry* Publication NPC-207, "Impulse Vibration in Residential Buildings", November, 1983, as amended.

37. "*Publication NPC-233*" means the *Ministry* Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October, 1995, as amended.

38. "*Publication NPC-300*" means the *Ministry* Publication NPC-300, "Environmental Noise Guideline, Stationary and Transportation Sources – Approval and Planning, Publication NPC-300", August, 2013, as amended.

39. "*Schedules*" means the following schedules attached to this *Approval* and forming part of this *Approval* namely:

Schedule A - Supporting Documentation

40. "*Toxicologist*" means a qualified professional currently active in the field of risk assessment and toxicology that has a combination of formal university education, training and experience necessary to assess contaminants.

41. "*Written Summary Form*" means the electronic questionnaire form, available on the *Ministry* website, and supporting documentation, that documents the activities undertaken at the *Facility* in the previous calendar year.

*You are hereby notified that this environmental compliance approval is issued to you subject to the terms and conditions outlined below:*

## **TERMS AND CONDITIONS**

### **1. GENERAL**

1.1 Except as otherwise provided by this *Approval*, the *Facility* shall be designed, developed, built, operated and maintained in accordance with the terms and conditions of this *Approval* and in accordance with the following *Schedules* attached hereto:

Schedule A - Supporting Documentation

### **2. LIMITED OPERATIONAL FLEXIBILITY**

2.1 Pursuant to section 20.6(1) of the *EPA* and subject to Conditions 2.2 and 2.3 of this *Approval*, future construction, alterations, extensions or replacements are approved in this *Approval* if the future construction, alterations, extensions or replacements are *Modifications* to the *Facility* that:

(a) are within the scope of the operations of the *Facility* as described in the *Description Section* of this *Approval*;

(b) do not result in an increase of the *Facility Production Limit* above the level specified in the *Description Section* of this *Approval*; and

(c) result in compliance with the *Performance Limits*.

2.2 Condition 2.1 does not apply to:

(a) the addition of any new *Equipment with Specific Operational Limits* or to the *Modification* of any existing *Equipment with Specific Operational Limits* at the *Facility*; or

(b) *Modifications* to the *Facility* that would be subject to the *Environmental Assessment Act*.

2.3 Condition 2.1 of this *Approval* shall expire ten (10) years from the date of this *Approval*, unless this *Approval* is revoked prior to the expiry date. The *Company* may apply for renewal of Condition 2.1 of this *Approval* by including an *ESDM Report* and an *Acoustic Assessment Report* that describes the *Facility* as of the date of the renewal application.

### **3. REQUEST FOR MAXIMUM CONCENTRATION LEVEL ASSESSMENT AND PERFORMANCE LIMITS**

#### **3.1 REQUEST FOR MAXIMUM CONCENTRATION LEVEL ASSESSMENT**

3.1.1 If the *Company* proposes to make a *Modification* to the *Facility*, the *Company* shall determine if the proposed *Modification* will result in:

(a) a discharge of a *Compound of Concern* that was not previously discharged; or

(b) an increase in the concentration at a *Point of Impingement* of a *Compound of Concern*.

3.1.2 If a proposed *Modification* mentioned in Condition 3.1.1 will result in the discharge of a *Compound of Concern* that was not previously discharged, the *Company* shall submit a *Maximum Concentration Level Assessment* to the *Director* for review by the *Air Standards Manager* in the following circumstances:

(a) The *Compound of Concern* does not have a *Ministry Point of Impingement Limit* or a *Jurisdictional Screening Level*.

(b) The *Compound of Concern* does not have a *Ministry Point of Impingement Limit* and the concentration at a *Point of Impingement* will exceed the *Jurisdictional Screening Level*.

(c) Prior to the proposed *Modification*, a contaminant was discharged in a negligible amount and the proposed *Modification* will result in the discharge of the contaminant being considered a *Compound of Concern* and the *Compound of Concern* does not have a *Ministry Point of Impingement Limit* or a *Jurisdictional Screening Level*.

(d) Prior to the proposed *Modification*, a contaminant was discharged in a negligible amount and the proposed *Modification* will result in the discharge of the contaminant being considered a *Compound of Concern*. Additionally, the *Compound of Concern* does not have a *Ministry Point of Impingement Limit* and the concentration at a *Point of Impingement* will exceed the *Jurisdictional Screening Level*.

3.1.3 If a proposed *Modification* mentioned in Condition 3.1.1 will result in an increase in the concentration at a *Point of Impingement* of a *Compound of Concern*, the *Company* shall submit a *Maximum Concentration Level Assessment* to the *Director* for review by the *Air Standards Manager* in the following circumstances:

(a) The *Compound of Concern* does not have a *Ministry Point of Impingement Limit* or a *Jurisdictional*

*Screening Level* and the concentration at a *Point of Impingement* will exceed the *Acceptable Maximum Ground Level Concentration*.

(b) The *Compound of Concern* does not have a *Ministry Point of Impingement Limit* or a *Jurisdictional Screening Level* and the concentration at a *Point of Impingement* will exceed the most recently accepted *Maximum Concentration Level Assessment* submitted under Condition 3.1.2 or this Condition.

(c) The *Compound of Concern* does not have a *Ministry Point of Impingement Limit* and the concentration at a *Point of Impingement* will exceed the *Jurisdictional Screening Level* and the *Acceptable Maximum Ground Level Concentration*.

(d) The *Compound of Concern* does not have a *Ministry Point of Impingement Limit* and the concentration at a *Point of Impingement* will exceed the *Jurisdictional Screening Level* and the most recently accepted *Maximum Concentration Level Assessment* submitted under Condition 3.1.2 or this Condition.

(e) The *Compound of Concern* does not have a *Ministry Point of Impingement Limit*, *Acceptable Maximum Ground Level Concentration* or a *Maximum Concentration Level Assessment* and the concentration at a *Point of Impingement* will exceed the *Jurisdictional Screening Level*.

3.1.4 Subject to the Operational Flexibility set out in Condition 2 of this *Approval*, the *Company* may make the *Modification* if the submission of a *Maximum Concentration Level Assessment* under Condition 3.1.2 or 3.1.3 is not required.

3.1.5 A *Company* that is required to submit an assessment under Condition 3.1.2 or 3.1.3 shall submit the assessment at least thirty (30) days before the proposed *Modification* occurs.

3.1.6 The *Ministry* shall provide to the *Company* written confirmation of the receipt of the assessment under Condition 3.1.2 or 3.1.3.

3.1.7 If an assessment is submitted under Condition 3.1.2 or 3.1.3, the *Company* shall not modify the *Facility* unless the *Ministry* accepts the assessment.

3.1.8 If the *Ministry* notifies the *Company* that it does not accept the assessment submitted under Condition 3.1.2 or 3.1.3, the *Company* shall:

(a) revise and resubmit the assessment; or

(b) notify the *Ministry* that the *Company* will not be modifying the *Facility*.

3.1.9 The re-submission under Condition 3.1.8 (a) is considered by the *Ministry* as a new submission.

## **3.2. PERFORMANCE LIMITS**

3.2.1 Subject to Condition 3.2.2, the *Company* shall, at all times, ensure that all *Equipment* that is a source of a *Compound of Concern* is operated to comply with the following *Performance Limits*:

(a) for a *Compound of Concern* that has a *Ministry Point of Impingement Limit*, the maximum concentration of that *Compound of Concern* at any *Point of Impingement* shall not exceed the corresponding *Ministry Point of Impingement Limit*;

(b) for a *Compound of Concern* that has an *Acceptable Maximum Ground Level Concentration* and no *Maximum Concentration Level Assessment*, the maximum concentration of that *Compound of Concern* at any *Point of Impingement* shall not exceed the corresponding *Acceptable Maximum Ground Level Concentration*; and

(c) for a *Compound of Concern* that has a *Maximum Concentration Level Assessment*, the maximum concentration of that *Compound of Concern* at any *Point of Impingement* shall not exceed the most

recently accepted corresponding *Maximum Concentration Level Assessment*.

3.2.2 If the *Company* has modified the *Facility* and was not required to submit a *Maximum Concentration Level Assessment* with respect to a *Compound of Concern* under Condition 3.1.2 or 3.1.3, the *Company* shall, at all times, ensure that all *Equipment* that is a source of the *Compound of Concern* is operated such that the maximum concentration of the *Compound of Concern* shall not exceed the concentration listed for the *Compound of Concern* in the most recent version of the *ESDM Report*.

3.2.3 The *Company* shall:

(a) at all times, ensure that the noise emissions from the *Facility* comply with the limits set out in *Ministry Publication NPC-300*; and

(b) ensure that the *Noise Control Measures* are properly maintained and continue to provide the acoustical performance outlined in the *Acoustic Assessment Report*.

3.2.4 The *Company* shall, at all times, ensure that the vibration emissions from the *Facility* comply with the limits set out in *Ministry Publication NPC-207*.

3.2.5 The *Company* shall, at all times, operate any *Equipment with Specific Operational Limits* approved by this *Approval* in accordance with the *Original ESDM Report* and Conditions in this *Approval*.

#### **4. DOCUMENTATION REQUIREMENTS**

4.1 The *Company* shall, at all times, maintain documentation that describes the current operations of the *Facility*, including but not limited to:

(a) an *ESDM Report* that demonstrates compliance with the *Performance Limits* for the *Facility*;

(b) an *Acoustic Assessment Report* that demonstrates compliance with the *Performance Limits* for the *Facility*;

(c) an up-to-date *Log* that describes each *Modification* to the *Facility*; and

(d) a record of the changes to the *ESDM Report* and the *Acoustic Assessment Report* that documents how each *Modification* is in compliance with the *Performance Limits*.

4.2 The *Company* shall make the *Emission Summary Table* and *Acoustic Assessment Summary Table* available for examination by any person, without charge, by making it available during regular business hours at the *Facility* and by making copies available by letter or email, as requested by any person, within 15 days after the person requests it.

4.3 Subject to Condition 4.5, the *Company* shall prepare and complete no later than March 31 of each year documentation that describes the activities undertaken at the *Facility* in the previous calendar year, including but not limited to:

(a) a list of all *Compounds of Concern* for which a *Maximum Concentration Level Assessment* was submitted to the *Director* for review by the *Air Standards Manager* pursuant to Condition 3.1.2 or 3.1.3 of this *Approval*;

(b) if the *Company* has modified the *Facility* and was not required to submit a *Maximum Concentration Level Assessment* with respect to a *Compound of Concern* under Condition 3.1.2 or 3.1.3, a list and concentration level of all such *Compounds of Concern*;

(c) a review of any changes to *Ministry Point of Impingement Limits* that affect any *Compounds of*

Concern emitted from the *Facility*; and

(d) a table of the changes in the emission rate of any *Compound of Concern* and the resultant increase or decrease in the *Point of Impingement* concentration reported in the *ESDM Report*.

4.4 Subject to Condition 4.5, the *Company* shall, at all times, maintain the documentation described in Condition 4.3.

4.5 Conditions 4.3 and 4.4 do not apply if Condition 2.1 has expired.

4.6 The *Company* shall, within three (3) months after the expiry of Condition 2.1 of this *Approval*, update the *ESDM Report* and the *Acoustic Assessment Report* such that they describe the *Facility* as it was at the time that Condition 2.1 of this *Approval* expired.

## **5. REPORTING REQUIREMENTS**

5.1 Subject to Condition 5.2, the *Company* shall provide the *Director* no later than March 31 of each year, a *Written Summary Form* to be submitted through the *Ministry's* website that shall include the following:

(a) a declaration of whether the *Facility* was in compliance with section 9 of the *EPA, O. Reg. 419/05* and the conditions of this *Approval*;

(b) a summary of each *Modification* satisfying Condition 2.1 (a) and (b) that took place in the previous calendar year that resulted in a change in the previously calculated concentration at a *Point of Impingement* for any *Compound of Concern* or resulted in a change in the sound levels reported in the *Acoustic Assessment Summary Table* at any *Point of Reception*.

5.2 Condition 5.1 does not apply if Condition 2.1 has expired.

## **6. OPERATION AND MAINTENANCE**

6.1 The *Company* shall prepare and implement, not later than three (3) months prior to the operation of *Processes with Significant Environmental Aspects*, maintenance programs for all *Processes with Significant Environmental Aspects*, which shall specify as a minimum:

(a) frequency of inspections and scheduled preventative maintenance;

(b) procedures to prevent upset conditions;

(c) procedures to minimize all fugitive emissions;

(d) procedures to prevent and/or minimize odorous emissions;

(e) procedures to prevent and/or minimize noise emissions; and

(f) procedures for record keeping activities relating to the operation and maintenance programs.

6.2 The *Company* shall ensure that all *Processes with Significant Environmental Aspects* are operated and maintained at all times in accordance with this *Approval*, the operating procedures and maintenance programs.

## **7. COMPLAINTS RECORDING PROCEDURE**

7.1 If at any time, the *Company* receives any environmental complaints from the public regarding the operation of the *Equipment* approved by this *Approval*, the *Company* shall respond to these complaints according to the following procedure:

(a) the *Company* shall record and number each complaint, either electronically or in a log book, and shall include the following information: the time and date of the complaint and incident to which the

complaint relates, the nature of the complaint, wind direction at the time and date of the incident to which the complaint relates and, if known, the address of the complainant;

(b) the *Company*, upon notification of a complaint, shall initiate appropriate steps to determine all possible causes of the complaint, and shall proceed to take the necessary actions to appropriately deal with the cause of the subject matter of the complaint; and

(c) the *Company* shall complete and retain on-site a report written within one (1) week of the complaint date, listing the actions taken to appropriately deal with the cause of the subject matter of the complaint and any recommendations for remedial measures, and managerial or operational changes to reasonably avoid the recurrence of similar incidents.

7.2. The *Company* shall notify the *District Manager*, in writing, of each environmental complaint within two (2) business days of the complaint. The notification shall include:

(a) a description of the nature of the complaint;

(b) the time, date and location of the incident;

(c) the wind direction and other weather conditions at the time of the incident;

(d) the name(s) of *Company* personnel responsible for handling the incident; and

(e) a description of operating conditions, including any upsets, at the time of the complaint.

## **8. RECORD KEEPING REQUIREMENTS**

8.1 Any information requested by any employee in or agent of the *Ministry* concerning the *Facility* and its operation under this *Approval*, including, but not limited to, any records required to be kept by this *Approval*, shall be provided to the employee in or agent of the *Ministry*, upon request, in a timely manner.

8.2 The *Company* shall retain, for a minimum of five (5) years from the date of their creation, except as noted below, all reports, records and information described in this *Approval* and shall include but not be limited to:

(a) If the *Company* has updated the *ESDM Report* in order to comply with Condition 4.1(a) of this *Approval*, a copy of each new version of the *ESDM Report*;

(b) If the *Company* has updated the *Acoustic Assessment Report*, in order to comply with Condition 4.1(b) of this *Approval*, a copy of each new version of the *Acoustic Assessment Report*;

(c) supporting information used in the emission rate calculations performed in the *ESDM Reports* and *Acoustic Assessment Reports* to document compliance with the *Performance Limits*(superseded information must be retained for a period of three (3) years after *Modification*);

(d) the *Log* that describes each *Modification* to the *Facility*;

(e) all documentation prepared in accordance with Condition 4.3 of this *Approval*;

(f) copies of any *Written Summary Forms* provided to the *Ministry* under Condition 5.1 of this *Approval*;

(g) the operating procedures and maintenance programs, including records on the maintenance, repair and inspection of the *Equipment* related to all *Processes with Significant Environmental Aspects*;

(h) the complaints recording procedure, including records related to all environmental complaints made by the public as required by Condition 7.1 of this *Approval*;

(i) records related to the prevention and control measures implemented as required by the section titled "Fugitive Emissions Control" of this *Approval*;and

(j) records related to ambient air monitoring program as required by the section titled "Ambient Air Monitoring" of this *Approval*.

## **9. FUGITIVE EMISSIONS CONTROL**

9.1 The *Company* shall finalize the *Best Management Practices Plans* for the control of fugitive dust emissions, in consultation with the *District Manager*. Upon acceptance of the *Best Management Practices Plans* by the *District Manager*, the *Company* shall implement the *Best Management Practices Plans* within three (3) months of the commencement of the development and operation phases of the project.

### Documentation Requirements - *Best Management Practices Plan*

9.2 The *Company* shall record and retain such records, each time a specific preventative and control measure described in the *Best Management Practices Plans* is implemented. The *Company* shall record, as a minimum:

- (a) the date when each emission control measure is implemented, including a description of the control measure;
- (b) the date when each new preventative measure or operating procedure to minimize emissions is implemented, including a description of the preventative measure or operating procedure; and
- (c) the date, time of commencement, and time of completion of each periodic activity conducted to minimize emissions, including a description of the preventative measure/procedure and the name of the individual performing the periodic activity.

## **10. AMBIENT AIR MONITORING**

10.1 The *Company* shall carry out and maintain an ambient air monitoring program for the development and operation phases of the *Facility* in accordance with the *Air Quality Monitoring Manual* at locations agreed to by the *District Manager* and the *Company*, for the measurement of contaminants requested by the *District Manager* including suspended particulate matter, metal contaminants and any other contaminant(s) requested by the *District Manager*, by methods and equipment accepted by the *District Manager*. The *Company* shall:

- (a) submit a detailed plan of the ambient air monitoring program for the development and operation phases in accordance with the *Air Quality Monitoring Manual* to the *District Manager* within a time period acceptable to the *District Manager*, and finalize the monitoring program in consultation with the *District Manager*;
- (b) implement the ambient air monitoring program within a time period acceptable to the *District Manager*, after the program has been accepted by the *District Manager*; and
- (c) submit the ambient air monitoring data and summary reports on the ambient air quality monitoring program as per the requirements of the *Air Quality Monitoring Manual* to the *District Manager*, or on an alternate frequency acceptable to the *District Manager*.

10.2 The ambient air monitoring program would be subject to periodic review and may be amended in consultation with the *District Manager*.

## **11. REVOCATION OF PREVIOUS APPROVALS**

11.1 This *Approval* replaces and revokes all Certificates of Approval (Air) issued under section 9

*EPA* and Environmental Compliance Approvals issued under Part II.1 *EPA* to the *Facility* in regards to the activities mentioned in subsection 9(1) of the *EPA* and dated prior to the date of this *Approval*.

## SCHEDULE A

### Supporting Documentation

- (a) Application for Approval (Air & Noise), dated July 23, 2014, signed by Kyle L. Stanfield and submitted by the *Company*;
- (b) Emission Summary and Dispersion Modelling Report, prepared by AMEC Environment & Infrastructure, a division of AMEC Americas Limited and dated September 12, 2014;
- (c) Updated air emissions and modelling information provided by AMEC Environment & Infrastructure, a division of AMEC Americas Limited and dated March 27, 2015 and April 14, 2015;
- (d) Acoustic Assessment Report, prepared by AMEC Environment & Infrastructure, dated September 2014 and signed by Mohammed Salim, P.Eng.

*The reasons for the imposition of these terms and conditions are as follows:*

### GENERAL

1. Condition No. 1 is included to require the *Approval* holder to build, operate and maintain the *Facility* in accordance with the Supporting Documentation in Schedule A considered by the *Director* in issuing this *Approval*.

### LIMITED OPERATIONAL FLEXIBILITY, REQUEST FOR *MAXIMUM CONCENTRATION LEVEL ASSESSMENT AND PERFORMANCE LIMITS*

2. Conditions No. 2 and 3 are included to limit and define the *Modifications* permitted by this *Approval*, and to set out the circumstances in which the *Company* shall submit a *Maximum Concentration Level Assessment* prior to making *Modifications*. The holder of the *Approval* is approved for operational flexibility for the *Facility* that is consistent with the description of the operations included with the application up to the *Facility Production Limit*. In return for the operational flexibility, the *Approval* places performance based limits that cannot be exceeded under the terms of this *Approval*. *Approval* holders will still have to obtain other relevant approvals required to operate the *Facility*, including requirements under other environmental legislation such as the *Environmental Assessment Act*.

### DOCUMENTATION REQUIREMENTS

3. Condition No. 4 is included to require the *Company* to maintain ongoing documentation that demonstrates compliance with the *Performance Limits* of this *Approval* and allows the *Ministry* to monitor on-going compliance with these *Performance Limits*. The *Company* is required to have an up to date *ESDM Report* and *Acoustic Assessment Report* that describe the *Facility* at all times and make the *Emission Summary Table* and *Acoustic Assessment Summary Table* from these reports available to the public on an ongoing basis in order to maintain public communication with regard to the emissions from the *Facility*.

### REPORTING REQUIREMENTS

4. Condition No. 5 is included to require the *Company* to provide a yearly *Written Summary Form* to



the *Ministry*, to assist the *Ministry* with the review of the site's compliance with the *EPA*, the regulations and this *Approval*.

## **OPERATION AND MAINTENANCE**

5. Condition No. 6 is included to require the *Company* to properly operate and maintain the *Processes with Significant Environmental Aspects* to minimize the impact to the environment from these processes.

## **COMPLAINTS RECORDING PROCEDURE**

6. Condition No. 7 is included to require the *Company* to respond to any environmental complaints regarding the operation of the *Equipment*, according to a procedure that includes methods for preventing recurrence of similar incidents and a requirement to prepare and retain a written report.

## **RECORD KEEPING REQUIREMENTS**

7. Condition No. 8 is included to require the *Company* to retain all documentation related to this *Approval* and provide access to employees in or agents of the *Ministry*, upon request, so that the *Ministry* can determine if a more detailed review of compliance with the *Performance Limits* is necessary.

## **FUGITIVE EMISSIONS CONTROL**

8. Condition No. 9 is included to emphasize that the *Equipment* and *Facility* must be maintained and operated in accordance with a procedure that will result in compliance with the *EPA*, *Regulation 419/05* and this *Approval* and to require the *Company* to keep records and to provide information to staff of the *Ministry* so that compliance with the *EPA*, *Regulation 419/05* and this *Approval* may be verified.

## **AMBIENT AIR MONITORING**

9. Condition No. 10 is included to assist the *Ministry* in gathering information on ambient air concentrations of contaminants near the *Facility*, to document overall community exposure from all sources.

## **REVOCAION OF PREVIOUS APPROVALS**

10. Condition No. 11 is included to identify that this *Approval* replaces all Section 9 Certificate(s) of Approval and Part II.1 Approvals in regards to the activities mentioned in subsection 9(1) of the *EPA* and dated prior to the date of this *Approval*.

**Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). 8567-9ZXG8U issued on September 1, 2015**

*In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 142 of the Environmental Protection Act provides that the Notice requiring the hearing shall state:*

1. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

*Pursuant to subsection 139(3) of the Environmental Protection Act, a hearing may not be required with respect to any terms and conditions in this environmental compliance approval, if the terms and conditions are substantially the same as those contained in an approval that is amended or revoked by this environmental compliance approval.*

*The Notice should also include:*

3. The name of the appellant;
4. The address of the appellant;
5. The environmental compliance approval number;
6. The date of the environmental compliance approval;
7. The name of the Director, and;
8. The municipality or municipalities within which the project is to be engaged in.

*And the Notice should be signed and dated by the appellant.*

*This Notice must be served upon:*

The Secretary\*  
Environmental Review Tribunal  
655 Bay Street, Suite 1500  
Toronto, Ontario  
M5G 1E5

AND

The Director appointed for the  
purposes of Part II.1 of the  
Environmental Protection Act  
Ministry of the Environment and  
Climate Change  
135 St. Clair Avenue West, 1st Floor  
Toronto, Ontario  
M4V 1P5

**\* Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 326-5370 or [www.ert.gov.on.ca](http://www.ert.gov.on.ca)**

*The above noted activity is approved under s.20.3 of Part II.1 of the Environmental Protection Act.*

DATED AT TORONTO this 24th day of September,  
2015

Ian Greason, P.Eng.  
Director  
appointed for the purposes of Part II.1 of  
the *Environmental Protection Act*

SA/  
c: Area Manager, MOECC Kenora  
c: District Manager, MOECC Thunder Bay - District  
Tony van der Vooren, AMEC

Content Copy Of Original



Ministry of the Environment, Conservation and Parks  
Ministère de l'Environnement, de la Protection de la nature et des Parcs

**AMENDMENT TO ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 0412-A2LR4V

Notice No. 1

Issue Date: July 18, 2022

New Gold Inc.  
5967 11/71 Hwy  
Post Office Box, No. 5  
Emo, Ontario  
P0W 1E0

**Site Location:** Rainy River Mine  
5967 11/71 Hwy  
Emo Township, District of Rainy River  
P0W 1E0

*You are hereby notified that I have amended Approval No. 0412-A2LR4V issued on September 24, 2015 for changing the Facility Production Limit , as follows:*

**The following Description Section is revoked:**

A gold mining and processing facility, consisting of the following processes and support units:

- Open pit and underground mining operations.
- Ore handling, crushing and grinding operations.
- Ore processing facility consisting of leaching and carbon-in-pulp gold adsorption, carbon stripping, electrowinning and refining operations.
- Tailings management and treatment including cyanide destruction.
- Propane fired heaters.

including the *Equipment* and any other ancillary and support processes and activities, operating at a *Facility Production Limit* of up to **32,000 tonnes of ore processed per day** , discharging to the air as described in the *Original ESDM Report*.

**and replaced with the following Description Section:**

A gold mining and processing facility, consisting of the following processes and support units:

- Open pit and underground mining operations.
- Ore handling, crushing and grinding operations.
- Ore processing facility consisting of leaching and carbon-in-pulp gold adsorption,

carbon stripping, electrowinning and refining operations.

- Tailings management and treatment including cyanide destruction.
- Propane fired heaters.

including the *Equipment* and any other ancillary and support processes and activities, operating at a *Facility Production Limit* of up to **32,400 tonnes of ore processed per day**, discharging to the air as described in the *Original ESDM Report*.

### **The following Definition is revoked:**

2. "*Acoustic Assessment Report*" means the report, prepared in accordance with *Publication NPC-233* and Appendix A of the *Basic Comprehensive User Guide*, by AMEC Environment & Infrastructure, dated September 2014 and signed by Mohammed Salim, P.Eng., submitted in support of the application, that documents all sources of noise emissions and *Noise Control Measures* present at the *Facility* and includes all up-dated *Acoustic Assessment Reports* as required by the Documentation Requirements conditions of this *Approval* to demonstrate continued compliance with the *Performance Limits* following the implementation of any *Modification*.

### **and replaced with the following Definition:**

2. "*Acoustic Assessment Report*" means the report, prepared in accordance with *Publication NPC-233* and Appendix A of the *Basic Comprehensive User Guide*, by Trinity Consultants, dated July 5, 2022 and signed by Shubham Shringi, submitted in support of the application, that documents all sources of noise emissions and *Noise Control Measures* present at the *Facility* and includes all up-dated *Acoustic Assessment Reports* as required by the Documentation Requirements conditions of this *Approval* to demonstrate continued compliance with the *Performance Limits* following the implementation of any *Modification*.

### **The following Schedule is revoked:**

#### **SCHEDULE A**

#### **Supporting Documentation**

(a) Application for Approval (Air & Noise), dated July 23, 2014, signed by Kyle L. Stanfield and submitted by the *Company*;

(b) Emission Summary and Dispersion Modelling Report, prepared by AMEC Environment & Infrastructure, a division of AMEC Americas Limited and dated September 12, 2014;

(c) Updated air emissions and modelling information provided by AMEC Environment &

Infrastructure, a division of AMEC Americas Limited and dated March 27, 2015 and April 14, 2015;

(d) Acoustic Assessment Report, prepared by AMEC Environment & Infrastructure, dated September 2014 and signed by Mohammed Salim, P.Eng.

**and replaced with the following Schedule:**

## **SCHEDULE A**

### **Supporting Documentation**

(a) Application for Approval (Air & Noise), dated July 23, 2014, signed by Kyle L. Stanfield and submitted by the *C o m p a n y*;

(b) Emission Summary and Dispersion Modelling Report, prepared by AMEC Environment & Infrastructure, a division of AMEC Americas Limited and dated September 12, 2014;

(c) Updated air emissions and modelling information provided by AMEC Environment & Infrastructure, a division of AMEC Americas Limited and dated March 27, 2015 and April 14, 2015;

(d) Acoustic Assessment Report, prepared by Trinity Consultants, dated July 5, 2022 and signed by Shubham Shringi.

**All other Terms and Conditions in Approval No. 0412-A2LR4V remain unchanged.**

All in accordance with:

The application for amendment submitted by New Gold Inc., dated August 5, 2021 and signed by Garnet Cornell

Email dated April 29, 2022 from Karina Kenigsberg, Trinity Consultants with information supporting the requested amendment.

**This Notice shall constitute part of the approval issued under Approval No. 0412-A2LR4V dated September 24, 2015**

In accordance with Section 139 of the *Environmental Protection Act*, you may by written notice served upon me, the Ontario Land Tribunal and in accordance with Section 47 of

the *Environmental Bill of Rights*, 1993, the Minister of the Environment, Conservation and Parks, within 15 days after receipt of this notice, require a hearing by the Tribunal. The Minister of the Environment, Conservation and Parks will place notice of your appeal on the Environmental Registry. Section 142 of the *Environmental Protection Act* provides that the notice requiring the hearing ("the Notice") shall state:

- a. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
- b. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

Pursuant to subsection 139(3) of the *Environmental Protection Act*, a hearing may not be required with respect to any terms and conditions in this environmental compliance approval, if the terms and conditions are substantially the same as those contained in an approval that is amended or revoked by this environmental compliance approval.

The Notice should also include:

1. The name of the appellant;
2. The address of the appellant;
3. The environmental compliance approval number;
4. The date of the environmental compliance approval;
5. The name of the Director, and;
6. The municipality or municipalities within which the project is to be engaged in.

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

Registrar\*  
Ontario Land Tribunal  
655 Bay Street, Suite 1500  
Toronto, Ontario  
M5G 1E5  
OLT.Registrar@ontario.ca

and The Minister of the Environment,  
Conservation and Parks  
777 Bay Street, 5th Floor  
Toronto, Ontario  
M7A 2J3

and The Director appointed for the purposes of  
Part II.1 of the *Environmental Protection Act*  
Ministry of the Environment, Conservation  
and Parks  
135 St. Clair Avenue West, 1st Floor  
Toronto, Ontario  
M4V 1P5

**\* Further information on the Ontario Land Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349 or 1 (866) 448-2248, or [www.olt.gov.on.ca](http://www.olt.gov.on.ca)**

This instrument is subject to Section 38 of the *Environmental Bill of Rights*, 1993, that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek leave to appeal within 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry at <https://ero.ontario.ca/>, you can determine when the leave to appeal period ends.

The above noted activity is approved under s.20.3 of Part II.1 of the *Environmental Protection Act*.

DATED AT TORONTO this 18th day of July,  
2022

A handwritten signature in cursive script that reads "Nancy Orpana".

Nancy E Orpana, P.Eng.  
Director  
appointed for the purposes of Part  
II.1 of the *Environmental Protection  
Act*

SA/

c: Area Manager, MECP Kenora

c: District Manager, MECP Thunder Bay - District  
Karina Kenigsberg, Trinity Consultants