

# Meyers Industrial Project

## Health Risk Assessment

### City of Escondido, CA

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## **GLOSSARY OF TERMS**

CAAQS	California Ambient Air Quality Standards
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
CFCs	Chlorofluorocarbons
CH <sub>4</sub>	Methane
CNG	Compressed natural gas
CO	Carbon monoxide
CO <sub>2</sub>	Carbon dioxide
CO <sub>2</sub> e	Carbon dioxide equivalent
DPM	Diesel particulate matter
GHG	Greenhouse gas
HFCs	Hydrofluorocarbons
MTCO <sub>2</sub> e	Metric tons of carbon dioxide equivalent
MMTCO <sub>2</sub> e	Million metric tons of carbon dioxide equivalent
NAAQS	National Ambient Air Quality Standards
NO <sub>x</sub>	Nitrogen Oxides
NO <sub>2</sub>	Nitrogen dioxide
N <sub>2</sub> O	Nitrous oxide
O <sub>3</sub>	Ozone
PFCs	Perfluorocarbons
PM	Particle matter
PM <sub>10</sub>	Particles that are less than 10 micrometers in diameter
PM <sub>2.5</sub>	Particles that are less than 2.5 micrometers in diameter
PMI	Point of maximum impact
PPM	Parts per million
PPB	Parts per billion
RAQS	San Diego Regional Air Quality Strategy
RTIP	Regional Transportation Improvement Plan
RTP	Regional Transportation Plan
SDAB	San Diego Air Basin
SDAPCD	San Diego Air Pollution Control District
SF <sub>6</sub>	Sulfur hexafluoride
SIP	State Implementation Plan
SO <sub>x</sub>	Sulfur Oxides
SRA	Source/Receptor Area
TAC	Toxic air contaminants
VOC	Volatile organic compounds
WRCC	Western Regional Climate Center

## **1.0 Introduction**

### **1.1 Purpose of Analysis and Study Objectives**

This health risk analysis was prepared to evaluate whether the diesel air emissions generated by the construction and operation of the project would cause a significant impact to the air resources in the project area. This assessment was conducted within the context of the California Environmental Quality Act (CEQA, California Public Resources Code Sections 21000, et seq.). The assessment is consistent with the methodology and emission factors endorsed by San Diego Air Pollution control district (SDAPCD), California Air Resource Board (CARB), and the United States Environmental Protection Agency (US EPA).

### **1.2 Project Summary**

#### **1.2.1 Site Location**

The project site is located at 2351 Meyers Avenue in Escondido, California. The project site has a current land use classification of Light Industrial (LI) according to the City of Escondido General Plan Land Use Map and is zoned Planned Development – Industrial (PD-I). The proposed use is industrial. Land uses surrounding the site include mainly light industrial and commercial uses as well as some residential uses. A self-storage facility borders the project site to the north, Meyers Avenue borders the project site to the east with industrial uses further east, an industrial park borders the site to the south, and vacant land borders the site to the west with a mobile home park located further west.

#### **1.2.2 Project Description**

The project proposes to develop the approximately 5-acre project site with one approximately 68,900 square foot unrefrigerated warehouse spec building comprising 58,100 square feet on the first floor and 10,800 square feet of mezzanine. The building will include 17,150 square feet of office space and 51,750 square feet of manufacturing/warehouse space (including approximately 34,450 square feet of manufacturing space and 17,300 square feet of warehouse space).

#### **1.2.3 Sensitive Receptors**

Sensitive receptors are considered land uses or other types of population groups that are more sensitive to air pollution than others due to their exposure. As identified by the California Air Resources Board (CARB), sensitive population groups include children, the elderly, the acutely and chronically ill, and those with cardio-respiratory diseases. For CEQA purposes, a sensitive receptor would be a location where a sensitive individual could remain for 24-hours or longer, such as residences, hospitals, and schools (etc).

The closest existing sensitive receptors (to the site area) are the mobile home park located approximately 50 feet to the west, as shown in Exhibit A.

### **1.3 Executive Summary of Findings and Mitigation Measures**

The following is a summary of the analysis results:

The analysis shows that the nearby sensitive receptors would not be exposed to elevated cancer risk from project operation-related diesel emissions in excess of 10 in a million, and therefore impacts are less than significant. The operational related health risk impacts for non-cancer related impacts are less than 1.0; therefore, they are also considered to be less than significant.

#### **Mitigation Measures**

##### **A. Construction Measures**

No construction mitigation required.

##### **B. Operational Measures to Reduce Emissions**

No operational mitigation required.

## **2.0 Regulatory Framework and Background**

### **2.1 Health Risk Regulatory Setting**

**Health Risk Assessments for Proposed Land Use Projects CAPCOA Guidance Document.** This guidance was adopted July 2009 to ensure consistency in assessing the health risk impacts from and to proposed land use projects. This CAPCOA guidance document focuses on the acute, chronic, and cancer impacts of sources affected by CEQA. It also outlines the recommended procedures to identify when a project should undergo further risk evaluation, how to conduct the health risk assessment (HRA), how to engage the public, what to do with the results from the HRA, and what mitigation measures may be appropriate for various land use projects. With respect to health risks associated with locating sensitive land uses in proximity to freeways and other high traffic roadways, HRA modeling may not thoroughly characterize all the health risk associated with nearby exposure to traffic generated pollutants.

**California Code of Regulations (CCR) Title 13 Section 2485.** The Airborne Toxic Control Measure to Limit Diesel-Fueled Commercial Motor Vehicle Idling applies to diesel-fueled commercial motor vehicles that operate in the State of California with gross vehicle weight ratings of greater than 10,000 pounds that are or must be licensed for operation on highways. It limits applicable vehicles from idling more than five consecutive minutes at any location.

## **3.0 Thresholds of Significance**

### **3.1 Toxic Air Contaminants**

Non criteria pollutants such as Hazardous Air Pollutants (HAPs) or Toxic Air Contaminants (TACs) are also regulated by the SDAPCD. Rule 1200 (Toxic Air Contaminants - New Source Review) adopted on June 12, 1996, requires evaluation of potential health risks for any new, relocated, or modified emission unit which may increase emissions of one or more toxic air contaminants. The rule requires that projects that could potentially increase cancer risk to between 1 and 10 in one million need to implement toxics best available control technology (T-BACT) or impose the most effective emission limitation, emission control device or control technique to reduce the cancer risk. At no time shall the project increase the cancer risk to over 10 in one million or a health hazard index (chronic and acute) greater than one. Projects creating cancer risks less than one in one million are not required to implement T-BACT technology.

Therefore, the threshold for toxic air contaminants (TACs) is a maximum incremental cancer risk of 10 per million and a non-cancer (acute and chronic) hazard index of 1.0 or greater. An exceedance to these values would be considered a significant impact.

## 4.0 Health Risk Assessment

### 4.1 Diesel Emissions Health Risk Assessment

The construction and on-going operation of the proposed project would generate toxic air contaminant emissions from diesel truck emissions and off-road equipment. According to OEHHA methodology, health effects from carcinogenic air toxics are usually described in terms of individual cancer risk. "Individual Cancer Risk" is the likelihood that a person exposed to concentrations of toxic air contaminants over a 30-year lifetime will contract cancer, based on the use of revised Office of Environmental Health Hazard Assessment (OEHHA) risk-assessment methodology.<sup>1</sup>

A health risk assessment requires the completion and interaction of four general steps:

1. Quantify project-generated TAC emissions.
2. Identify nearby ground-level receptor locations that may be affected by the emissions (including any special sensitive receptor locations such as residences, schools, hospitals, convalescent homes, and daycare centers).
3. Perform air dispersion modeling analyses to estimate ambient pollutant concentrations at each receptor location using project TAC emissions and representative meteorological data to define the transport and dispersion of those emissions in the atmosphere.
4. Characterize and compare the calculated health risks with the applicable health risk significance thresholds.

#### 4.1.1 Health Risk Assessment Assumptions

Important issues that affect the dispersion modeling include the following: (1) Model Selection, (2) Source Treatment, (3) Meteorological Data, and (4) Receptor Grid. Each of these issues is addressed below.

#### ***Construction-Generated Air Toxics***

Construction-related activities would result in temporary, short-term project-generated emissions of diesel particulate matter (DPM) from the exhaust of off-road, heavy-duty diesel equipment for site grading; soil hauling truck traffic; vertical building construction; paving; application of architectural coatings; and other miscellaneous activities. For construction activity, DPM is the primary air toxic of

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<sup>1</sup> In February 2015, the Office of Environmental Health Hazard Assessment updated their "Air Toxics Hot Spots Program, Risk Assessments Guidelines, Guidance Manual for Preparation of Health Risk Assessments; however, the updated OEHHA guidance states in the page footers "do not cite or quote." SCAQMD staff have incorporated the updates into their methodology for SCAQMD's Rules 1401, 1401.1, 1402, and 212, and have updated their HRA Guidance for permitting; however, they are still in the process of updating the guidance for CEQA analyses (via working group sessions); however, to be conservative, the new OEHHA guidance was used to assess HRA impacts in this analysis.



concern. Particulate exhaust emissions from diesel-fueled engines (i.e., DPM) were identified as a toxic air contaminant (TAC) by the California Air Resources Board (CARB) in 1998.

A construction HRA was prepared for the proposed project and is included as Appendix A of this memorandum. To assess the project's total health risk impacts, impacts from both construction and operations were considered in this HRA; therefore, the construction HRA is summarized below.

The construction HRA evaluated DPM (represent as exhaust PM10 from CalEEMod) emissions generated during construction of the proposed project and the related health risk impacts for sensitive receptors located within 1,000 feet of the project boundary. All construction equipment with horsepower greater than 50 has been modeled with an engine rating of Tier 4 Interim, which is a project design feature included by the project applicant. A project would result in a significant impact if it would individually expose sensitive receptors to TACs resulting in an increased cancer risk greater than 10 in one million or an increased non-cancer risk of greater than 1.0 on the hazard index.

The project site is located within 1,000 feet from existing sensitive receptors that could be exposed to diesel emission exhaust during the construction period. To estimate the potential cancer risk associated with construction of the proposed project from equipment exhaust (including DPM), a dispersion model was used to translate an emission rate from the source location to concentrations at the receptor locations of interest (i.e., receptors at nearby residences).

### ***Emission Source Estimates – DPM for Motor Vehicles***

DPM emissions from the various sources were calculated using information derived from the project description, and mobile source emission factors from the CARB EMFAC2017 emissions factor model. Four pieces of information are required to generate the mobile source emissions from the proposed project:

- Number of vehicle trips for each component of the proposed project;
- Types of vehicles that access the proposed project (passenger car vs. heavy-duty truck and gasoline vs. diesel);
- The allocation of the vehicle trips to each building that comprises the proposed project; and
- Estimate of the vehicle emission factors for estimating exhaust and idling emissions.

### ***Estimate of Vehicle Trips and Vehicle Types***

The provided trip generation information showed the project is expected to generate approximately a total of 602 (non-passenger car equivalents) vehicle trips per day, of which 237 will be generated by warehouse operation. Of those vehicle trips, 60 are assumed to be 4+-axle truck round trips per day (non-passenger car equivalents).

### ***Estimate of Emission Factors***

The DPM emission factors for the various vehicle types were derived from the CARB EMFAC2017 mobile source emission model. The emissions factors were derived for San Diego County. Third trimester exposure used opening year (2023) emissions factors, 2-year factors (for infant exposure) reflect years 2023 and 2024, 14-year average factors (for child exposure during years 2-16) reflect emissions during the first 14 years of operation (2025 to 2038), the second 14 years of exposure (years 2039-2052) were used for assessment of exposure during years 16 to 30.

Emissions factors were estimated to establish the emissions generated while the vehicles travel off-site, along travel links from the entrance to the loading docks, and while idling at the loading dock during loading or unloading materials. All vehicles were assumed to travel on-site at a speed of 10 miles per hour. Off-site, the speeds along the roads were anticipated to average 35 miles per hour. Delivery vehicles were assumed to idle for a maximum of 15 minutes per vehicle per day (5 minutes per location: at loading and truck parking areas), in keeping with the CARB Air Toxic Control Measure (ATCM), which regulates truck idling time (CARB 2005). The four different sets of emissions factors used in this assessment are detailed in Table 1. It should be noted that the DPM emissions on both the gram per mile and gram per idle hour bases decline beyond 2023 for all vehicle classes and in particular the heavy-heavy-duty truck class (the 4+ axle “big rig” trucks). This is due to the CARB emissions’ requirements on heavy-duty trucks that call for either the replacement of older trucks with cleaner trucks or the installation of diesel particulate matter filters on the truck fleet.

### ***Emission Source Characterization***

Each of the emission source types described above also requires geometrical and emission release specifications for use in the air dispersion model. Table 1 provides a summary of the assumptions used to configure the various emission sources. The following definitions are used to characterize the emission source geometrical configurations referred to in Table 1:

- Point source: A single, identifiable, local source of emissions; it is approximated in the AERMOD air dispersion model as a mathematical point in the modeling region with a location and emission characteristics such as height of release, temperature, etc., for example, a truck idle location where emissions are sourced from the truck's exhaust stack while the vehicle is stationary.
- Line source: A series of volume sources along a path, for example, vehicular traffic volumes along a roadway.

Exhibit A provides the location of the project buildings, emission source locations, and the locations of the nearest sensitive receptors (single-family detached residential dwelling units located adjacent to the project’s western property line, to the north of the project, and along Main Street and the 805 Freeway on-ramps). Residential receptors are shown as orange triangles labeled 1 through 6. The direction of on-site and off-site truck travel were obtained from either the site plan and/or based on City truck routes and location of nearest freeways.

**Table 1: DPM Emissions Factors<sup>1</sup>**

Vehicle Class	30-Year Average (2024-2050)		
	Idling (g/sec)	On-Site Travel (g/sec)	Off-Site Travel (g/sec)
Heavy Heavy Duty Truck	3.725E-06	2.016E-06	4.715E-06

<sup>1</sup> Source: EMFAC2017.

**4.1.2 Receptor Network**

The assessment requires that a network of receptors be specified where the impacts can be computed at the various locations surrounding the project. Discrete receptors were located at existing sensitive residential receptors surrounding the proposed project (as detailed above). Discrete receptors are identified as orange triangles. In addition, the identified sensitive receptor’s locations were supplemented by the specification of a modeling grid that extended around the proposed project to identify other potential locations of impact. See Exhibit A for details.

**4.1.3 Dispersion Modeling**

The next step in the assessment process utilizes the emissions inventory along with a mathematical air dispersion model and representative meteorological data to calculate impacts at the various receptor locations. The dispersion model used in this assessment is described below.

**Model Selection**

The assessment of air quality and health risk impacts from pollutant emissions from this project applied the USEPA AERMOD Model, which is an air dispersion model accepted by the SDAPCD for performing health risk assessment analyses. AERMOD predicts pollutant concentrations from point, area, volume, line, and flare sources with variable emissions in terrain from flat to complex with the inclusion of building downwash effects from buildings on pollutant dispersion (as applicable). It captures the essential atmospheric physical processes and provides reasonable estimates over a wide range of meteorological conditions and modeling scenarios.

**General Model Assumptions**

A summary of Emission Configurations is shown in Table 2. The basic options used in the dispersion modeling are summarized in Table 3.

As indicated in Table 3, the analysis takes into account the effects of building downwash on the dispersion of emissions from the various sources located on the project’s property. Building downwash occurs when the aerodynamic turbulence, induced by nearby buildings, causes pollutants emitted from an elevated source to be mixed rapidly toward the ground (downwash), resulting in potentially higher ground-level concentrations than if the buildings were not present. The AERMOD dispersion model contains algorithms to account for building downwash effects. The required information includes the

location of the emission source; the location of adjacent buildings; and the building geometry in terms of length, width, and height. For purposes of this analysis, the emission source and building locations were taken from the project site plan. The proposed building geometries were estimated from the project plans, assuming a building height of 40 feet. Calculations for model inputs can be found in Appendix A.

**Table 2: Summary of Emission Configurations**

Emission Source Type	Geometric Configuration	Relevant Assumptions
Off-Site Diesel Truck Traffic	Line Sources	Stack release height: 12 feet
		Vehicle speed: 35 mph
		Length of the line source (Barham Dr from 78 onramp to Meyers Ave, Meyers Ave from Barham Dr to Auto Park Way)
		Vehicle types: heavy-heavy-duty diesel delivery trucks
		Emission factor: CARB EMFAC2017
On-Site Diesel Truck Traffic	Line Sources	Stack release height: 12 feet
		Vehicle speed: 10 mph
		Length of the line source (distance from the facility entrance to the loading docks)
		Vehicle types: heavy-heavy-duty diesel delivery trucks
		Emission factor: CARB EMFAC2017
On-Site Diesel Truck Idling	Point Sources located at the loading dock	Stack release height: 12 feet
		Stack release characteristics
		> Stack diameter: 0.1 meter (0.3 feet)
		> Stack velocity: 51.9 mps (170 feet/sec)
		> Stack temperature: 366 °k (200° F)
		Idle time: 15 minutes per truck per day
		Vehicle types: heavy-heavy-duty diesel delivery trucks
Emission factor: CARB EMFAC2017		

**Table 3: General Modeling Assumptions – AERMOD Model**

Feature	Option Selected
Terrain processing	AERMAP-generated NED GEOTIFF 30 m
Regulatory dispersion options	See Table 1
Land use	Urban
Coordinate system	UTM Zone 11 North
Building downwash	Included in calculations
Receptor height	0 meters above ground (per OEHHA methodology)
Meteorological data	Mission Viejo Meteorological Data

## **Meteorological Data**

Meteorological data from the Mission Viejo station was selected for this modeling application.<sup>2</sup> The meteorological input files were processed using AERMET program from Lakes Environmental. They are developed based on the five years data sets covering 1/1/2011 to 1/2/2016.

### **4.1.4 Estimation of Health Risks**

Health risks from diesel particulate matter are twofold. First, diesel particulate matter is a carcinogen according to the State of California. Second, long-term chronic exposure to diesel particulate matter can cause health effects to the respiratory system. Each of these health risks is discussed below. Health risk calculations were based on the most-recent Office of Environmental Health Hazard Assessment guidance as detailed below.

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<sup>2</sup> Source: <https://ww2.arb.ca.gov/resources/documents/harp-aermod-meteorological-files>

# Exhibit A AERMOD Model Source and Receptor Placement



### Legend

▲ = Representative Discrete Receptors

□ = Cartesian Receptors

□ = Project Boundary

SCALE: 1:5,000

0 0.1 km

## Cancer Risks

According to the *Risk Assessment Guidelines: Guidance Manual for Preparation of Health Risk Assessments*, released by the Office of Environmental Health Hazard Assessment (OEHHA) in February 2015 and formally adopted in March 2015, the residential inhalation dose for long-term cancer risk assessment should be calculated using the following formula:

$$[\text{Dose-air (mg)/(Kg-day)}] * \text{Cancer Potency} * [1 \times 10^{-6}] = \text{Potential Cancer Risk}$$

Where:

Cancer Potency Factor = 1.1

$$\text{Dose-inh} = (\text{C-air} * \text{DBR} * \text{A} * \text{EF} * \text{ED} * \text{ASF} * \text{FAH} * 10^{-6}) / \text{AT}$$

Where:

DBR [Daily breathing rate (L/kg body weight – day)] = 261 for adults, 572 for children, and 1,090 for infants, and 361 for 3rd trimester per OEHHA guidance.

A [Inhalation absorption factor] = 1

EF [Exposure frequency (days/year)] = 350

ED [Exposure duration (years)] = 30 for adults (for an individual who is an adult at opening year), 14 for children (from 2-16 years), 14 for adults (from 16-30 years), 2 for infants, and 1 for 3rd Trimester

ASF [Age sensitivity factor] = 10 for 3rd trimester to 2 years of age, 3 for 2 to 16 years of age, and 1 for 16 to 30 years of age

FAH [Fraction of time spent at home] = 1 for 3rd trimester to 2 years of age, 1 for 2 to 16 years of age, and 0.73 for 16 to 30 years of age

$10^6$  [Micrograms to milligrams conversion]

AT [Average time period over which exposure is averaged in days] = 25,550

The model run results are shown in Appendix B. HARP2 (Hotspots Analysis and Report Program) from CARB was used to calculate risk. Exhibit B shows the DPM dispersion from construction of the project and Exhibit C shows the dispersion from operation of the project.

Estimated cancer risk was based on a conservative maximum duration that a long-term resident might live on the property, i.e. 30 years. Construction was estimated as occurring in one year. Based on these conservative assumptions, the maximum unmitigated carcinogenic health risk from construction (beginning 3<sup>rd</sup> trimester [-0.25 to 0.75 years] scenario) would be 9.36 in a million. The maximum unmitigated 30-year operational cumulative carcinogenic health risk (3<sup>rd</sup> trimester [-0.25 to 0 years] + infant [0-2 years] + child [2-16 years] + adult [16-30 years]) to an individual born during the opening year of the project, and located in the project vicinity for the entire 30-year duration, is a maximum of 0.56 in a million at receptor 6, as shown in Table 4. The maximum combined cumulative risk would be 9.93 in a million at receptor 2.

**Table 4: Cumulative Carcinogenic Risk, 30-Year Exposure Scenario**

Receptor ID	Construction (1 year)		Operations (30 year)		Combined Cumulative RISK (per million)	Noncarcinogenic Hazards Index
	Average Annual Concentration (ug/m3)	Unmitigated Cumulative RISK (per million)	Average Annual Concentration (ug/m3)	Unmitigated Cumulative RISK (per million)		
1	0.0406	6.14	0.00095	0.42	6.55	0.0660
2	0.0620	9.36	0.00128	0.56	9.93	0.1020
3	0.0370	5.60	0.00106	0.47	6.06	0.0609
4	0.0561	8.49	0.00118	0.52	9.00	0.0923
5	0.0089	1.34	0.00137	0.60	1.94	0.0109
6	0.0070	1.06	0.00141	0.62	1.67	0.0073
<b>SDAPCD Threshold</b>	-	-	-	-	<b>10</b>	<b>1</b>

Therefore, as the residential cancer risk is below 10 in a million, the construction and on-going operations of the proposed project would result in a less than significant impact due to the cancer risk from diesel emissions created by the proposed project.

**Non-Cancer Risks**

The relationship for non-cancer health effects is given by the equation:

$$HIDPM = CDPM/RELDPM$$

Where,

HIDPM = Hazard Index; an expression of the potential for non-cancer health effects.

CDPM = Annual average diesel particulate matter concentration in µg/m3.

RELDPM = Reference Exposure Level (REL) for diesel particulate matter; the diesel particulate matter concentration at which no adverse health effects are anticipated.



The non-carcinogenic hazards are also detailed in Table 4. The RELDPM is 5 µg/m<sup>3</sup>. The Office of Environmental Health Hazard Assessment as protective for the respiratory system has established this concentration. Using the maximum DPM concentration from years 2022-2052, the resulting Hazard Index is:

$$\text{HIDPM} = 0.68984/5 = 0.0133$$

The criterion for significance is a Hazard Index increase of 1.0 or greater. Therefore, the proposed project would have a less than significant impact due to the non-cancer risk from diesel emissions created by the proposed project.

Exhibit B

Unmitigated Annual DPM Emissions - Construction

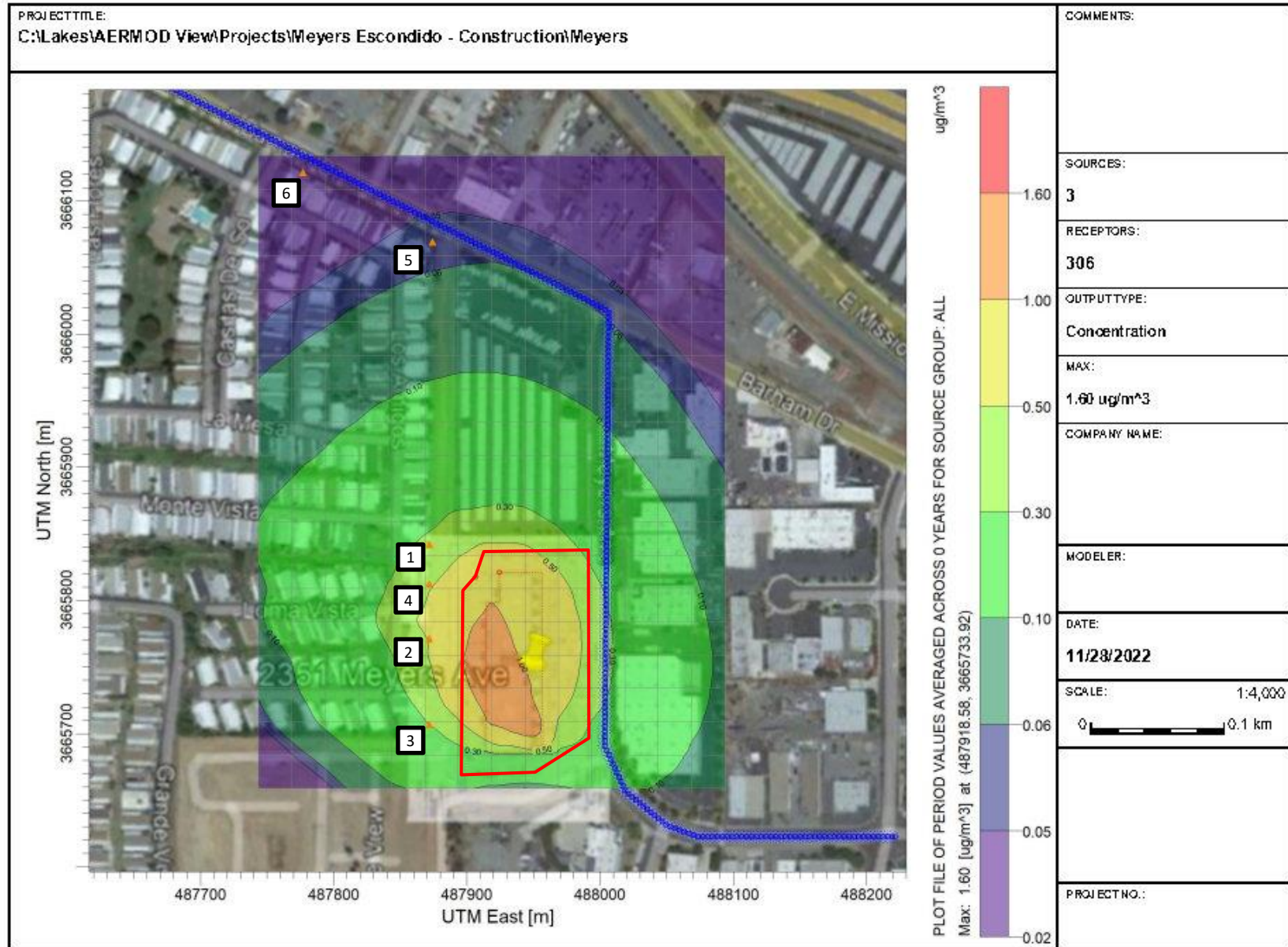
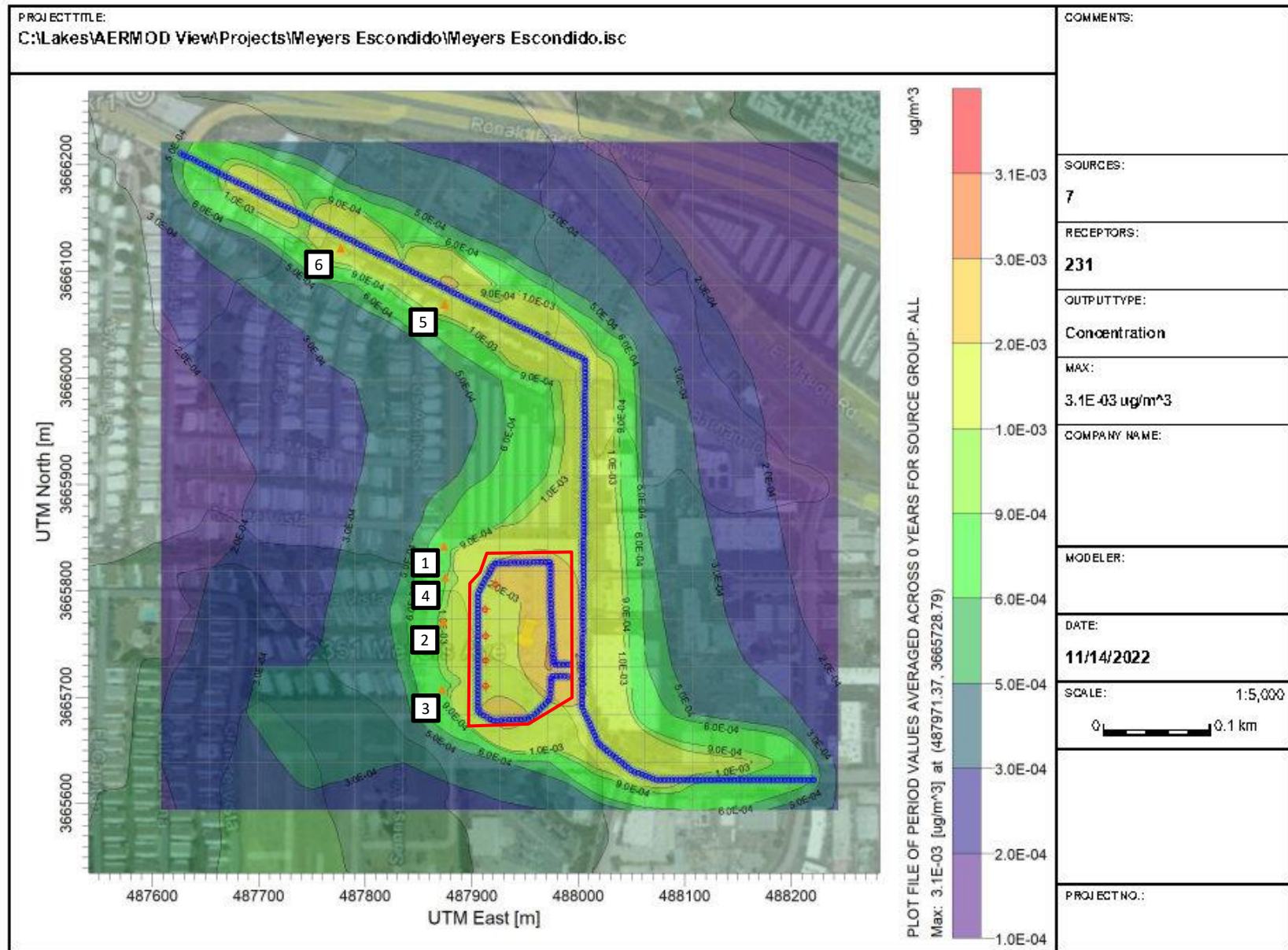


Exhibit C

Unmitigated Annual DPM Emissions - Operations



## **5.0 References**

The following references were used in the preparing this analysis.

### **California Air Pollution Control Officers Association**

2009 Health Risk Assessments for Proposed Land Use Projects

### **California Air Resources Board**

2005 Air Quality and Land Use Handbook: A Community Health Perspective. April.

2008 Resolution 08-43

2008 ARB Recommended Interim Risk Management Policy for Inhalation-Based Residential Cancer Risk – Frequently Asked Questions

### **Governor’s Office of Planning and Research**

2008 CEQA and Climate: Addressing Climate Change Through California Environmental Quality Act (CEQA) Review

2009 CEQA Guideline Sections to be Added or Amended

### **Office of Environmental Health Hazard Assessment**

2015 Air Toxics Hot Spots Program Risk Assessment Guidelines

### **Linscott, Law & Greenspan, Engineers**

2022 Transportation Assessment – Meyers Avenue Industrial Project.

## **Appendix A:**

AERMOD Input Calculations

# Meyers Escondido

## Estimation of DPM Emissions Offsite

<b>Segment</b>	<b>Project Trips</b>
Offsite Roadway	60

### Vehicle Speed/Average DPM Emission Factor (2023-2050) from EMFAC2021 for the San Diego

	<b>Speed (mph)</b>	<b>Emission Factor (g/mi)</b>
HHDT	35	0.008487

### Vehicle Emissions

Vehicle Emissions = Emission Factor (g/mi) x Mile/Trip x Trip/Day

Length of Roadway Segment 1287.5 meters or  
0.800 miles

Assumption: over an annual period, traffic is assumed to be uniformly distributed during 1

	<b>Daily Emissions (g/day)</b>	<b>Hourly Emissions (g/sec)</b>
HHDT	0.4	4.72E-06
Total	0.4	<b>4.72E-06</b>

## Meyers Escondido

### Estimation of DPM Emissions Onsite - 15 mph

<b>Segment</b>	<b>Truck Trips</b>
Onsite Roadway	60

### Vehicle Speed/Average DPM Emission Factor (2023-2050) from EMFAC2021 for the San Diego

	<b>Speed (mph)</b>	<b>Emission Factor (g/mi)</b>
HHDT	15	0.010753

### Vehicle Emissions

Vehicle Emissions = Emission Factor (g/mi) x Mile/Trip x Trip/Day

Length of Roadway Segment 434.5 meters or  
0.270 miles

Assumption: over an annual period, traffic is assumed to be uniformly distributed during 1

	<b>Daily Emissions (g/day)</b>	<b>Hourly Emissions (g/sec)</b>
HHDT	0.2	2.02E-06
Total	0.2	<b>2.016E-06</b>

# Meyers Escondido

## Estimation of DPM Emissions from Truck Idling from Industrial Uses

<b>Segment</b> Industrial Trips	<b>Total Trucks</b> 60
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### Diesel Truck Idling Emissions

Onsite Vehicle Travel		DPM Emission Factor	Idling Time	Number Idling Vehicle	Emissions		Average Emissions	Emissions for All Vehicles
Segments	Truck Type	(grams/trip)	(min)	Trips/day	(g/day)	(lb/day)	(g/sec)	(g/sec)
Idle1 - Idle5	HHDT	0.026822	15	12.0	3.22E-01	7.10E-04	3.73E-06	3.72528E-06



## Construction Exhaust PM10 Emissions

### Unmitigated Emissions

Activity	Phase Length (Days)	Fraction of Schedule	Onsite			Offsite
			Unweighted Emissions	Weighted Emissions		
			tons/year	Total Site	Building	
Grading	8	0.029	3.10E-03	9.05E-05	-	9.70E-04
Building Construction	230	0.839	8.05E-02	-	6.76E-02	1.66E-03
Paving	18	0.066	3.92E-03	2.58E-04	-	1.00E-05
Coating	18	0.066	1.40E-04	9.20E-06	-	1.00E-05
<b>Total</b>	<b>274</b>	<b>-</b>	<b>-</b>	<b>3.57E-04</b>	<b>6.76E-02</b>	<b>2.65E-03</b>
<b>Daily Average (lb/day) over Construction Period (365 days)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.0020</b>	<b>0.3703</b>	<b>0.0145</b>
<b>Daily Average (g/s) over Construction Period (365 days)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1.028E-05</b>	<b>1.944E-03</b>	<b>7.623E-05</b>
<b>Proportional Emissions for 0.8 mile analysis<sup>2</sup></b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8.354E-06</b>

<sup>1</sup> Based on CalEEMod output from Air Quality and Greenhouse Gas Study (MD Acoustics, 2022).

<sup>2</sup> Conservative estimate based on 0.8-mile road length used in analysis compared to vendor trip length of 7.3 miles, the shortest construction trip length, for a conservative estimate (worker trips are estimated at 10.8 miles and hauling at 20 miles in CalEEMod).

### Mitigated Emissions

Activity	Phase Length (Days)	Fraction of Schedule	Onsite			Offsite
			Unweighted Emissions	Weighted Emissions		
			tons/year	Total Site	Building	
Grading	8	0.029	1.90E-04	5.55E-06	-	9.70E-04
Building Construction	230	0.839	9.73E-03	-	8.17E-03	1.66E-03
Paving	18	0.066	4.60E-04	3.02E-05	-	1.00E-05
Coating	18	0.066	4.00E-05	2.63E-06	-	1.00E-05
<b>Total (tons/year)</b>	<b>274</b>	<b>-</b>	<b>-</b>	<b>3.84E-05</b>	<b>8.17E-03</b>	<b>2.65E-03</b>
<b>Daily Average (lb/day) over Construction Period (365 days)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2.10E-04</b>	<b>4.48E-02</b>	<b>1.45E-02</b>
<b>Daily Average (g/s) over Construction Period (365 days)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1.104E-06</b>	<b>2.350E-04</b>	<b>7.623E-05</b>
<b>Proportional Emissions for 0.8 mile analysis<sup>2</sup></b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8.354E-06</b>

<sup>1</sup> Based on CalEEMod output from Air Quality and Greenhouse Gas Study (MD Acoustics, 2022).

<sup>2</sup> Conservative estimate based on 0.8-mile road length used in analysis compared to vendor trip length of 7.3 miles, the shortest construction trip length, for a conservative estimate (worker trips are estimated at 10.8 miles and hauling at 20 miles in CalEEMod).

## **Appendix B:**

AERMOD Model Printouts

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.0.1
** Lakes Environmental Software Inc.
** Date: 11/14/2022
** File: C:\Lakes\AERMOD View\Projects\Meyers Escondido\Meyers Escondido.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\Projects\Meyers Escondido\Meyers Escondido.isc
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL "Meyers Escondido.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION IDLE1      POINT      487922.313  3665805.809      217.390
LOCATION IDLE2      POINT      487912.403  3665782.555      218.320
LOCATION IDLE3      POINT      487912.805  3665757.647      219.070

```

LOCATION IDLE4	POINT	487912.805	3665734.748	220.500
LOCATION IDLE5	POINT	487912.805	3665710.644	222.150

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = ONSITE

\*\* DESCRSRC

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Adjacent

\*\* Emission Rate = 2.0162E-06

\*\* Vertical Dimension = 3.66

\*\* SZINIT = 1.70

\*\* Nodes = 14

\*\* 487991.208, 3665731.027, 217.75, 0.00, 1.70

\*\* 487976.895, 3665731.044, 217.58, 0.00, 1.70

\*\* 487973.620, 3665797.101, 216.30, 0.00, 1.70

\*\* 487973.831, 3665827.169, 213.75, 0.00, 1.70

\*\* 487921.404, 3665826.284, 215.71, 0.00, 1.70

\*\* 487905.640, 3665797.816, 218.80, 0.00, 1.70

\*\* 487905.875, 3665687.385, 223.64, 0.00, 1.70

\*\* 487905.877, 3665686.543, 223.67, 0.00, 1.70

\*\* 487919.067, 3665678.054, 223.63, 0.00, 1.70

\*\* 487954.700, 3665679.894, 221.39, 0.00, 1.70

\*\* 487961.167, 3665686.330, 220.97, 0.00, 1.70

\*\* 487973.560, 3665698.687, 220.78, 0.00, 1.70

\*\* 487974.456, 3665720.202, 219.23, 0.00, 1.70

\*\* 487992.493, 3665719.613, 218.01, 0.00, 1.70

\*\* -----

LOCATION L0019530	VOLUME	487989.379	3665731.029	217.52
LOCATION L0019531	VOLUME	487985.721	3665731.033	217.73
LOCATION L0019532	VOLUME	487982.064	3665731.038	217.94
LOCATION L0019533	VOLUME	487978.406	3665731.042	218.15
LOCATION L0019534	VOLUME	487976.788	3665733.187	218.12
LOCATION L0019535	VOLUME	487976.607	3665736.840	217.93
LOCATION L0019536	VOLUME	487976.426	3665740.494	217.74
LOCATION L0019537	VOLUME	487976.245	3665744.147	217.55
LOCATION L0019538	VOLUME	487976.064	3665747.800	217.36

LOCATION	L0019539	VOLUME	487975.883	3665751.453	217.16
LOCATION	L0019540	VOLUME	487975.702	3665755.106	217.02
LOCATION	L0019541	VOLUME	487975.521	3665758.759	216.90
LOCATION	L0019542	VOLUME	487975.340	3665762.412	216.78
LOCATION	L0019543	VOLUME	487975.159	3665766.065	216.66
LOCATION	L0019544	VOLUME	487974.978	3665769.718	216.54
LOCATION	L0019545	VOLUME	487974.796	3665773.372	216.42
LOCATION	L0019546	VOLUME	487974.615	3665777.025	216.30
LOCATION	L0019547	VOLUME	487974.434	3665780.678	216.17
LOCATION	L0019548	VOLUME	487974.253	3665784.331	216.06
LOCATION	L0019549	VOLUME	487974.072	3665787.984	215.96
LOCATION	L0019550	VOLUME	487973.891	3665791.637	215.87
LOCATION	L0019551	VOLUME	487973.710	3665795.290	215.77
LOCATION	L0019552	VOLUME	487973.633	3665798.946	215.67
LOCATION	L0019553	VOLUME	487973.659	3665802.603	215.56
LOCATION	L0019554	VOLUME	487973.684	3665806.261	215.46
LOCATION	L0019555	VOLUME	487973.710	3665809.918	215.35
LOCATION	L0019556	VOLUME	487973.736	3665813.576	215.25
LOCATION	L0019557	VOLUME	487973.761	3665817.233	214.93
LOCATION	L0019558	VOLUME	487973.787	3665820.891	214.58
LOCATION	L0019559	VOLUME	487973.813	3665824.548	214.23
LOCATION	L0019560	VOLUME	487972.795	3665827.152	214.00
LOCATION	L0019561	VOLUME	487969.138	3665827.090	214.09
LOCATION	L0019562	VOLUME	487965.481	3665827.028	214.17
LOCATION	L0019563	VOLUME	487961.824	3665826.967	214.27
LOCATION	L0019564	VOLUME	487958.167	3665826.905	214.36
LOCATION	L0019565	VOLUME	487954.510	3665826.843	214.46
LOCATION	L0019566	VOLUME	487950.853	3665826.782	214.55
LOCATION	L0019567	VOLUME	487947.196	3665826.720	214.65
LOCATION	L0019568	VOLUME	487943.538	3665826.658	214.74
LOCATION	L0019569	VOLUME	487939.881	3665826.596	214.84
LOCATION	L0019570	VOLUME	487936.224	3665826.535	214.98
LOCATION	L0019571	VOLUME	487932.567	3665826.473	215.14
LOCATION	L0019572	VOLUME	487928.910	3665826.411	215.29
LOCATION	L0019573	VOLUME	487925.253	3665826.349	215.45
LOCATION	L0019574	VOLUME	487921.596	3665826.288	215.61
LOCATION	L0019575	VOLUME	487919.725	3665823.253	216.11

LOCATION	L0019576	VOLUME	487917.953	3665820.053	216.64
LOCATION	L0019577	VOLUME	487916.181	3665816.853	217.17
LOCATION	L0019578	VOLUME	487914.410	3665813.653	217.64
LOCATION	L0019579	VOLUME	487912.638	3665810.454	217.79
LOCATION	L0019580	VOLUME	487910.866	3665807.254	217.97
LOCATION	L0019581	VOLUME	487909.094	3665804.054	218.17
LOCATION	L0019582	VOLUME	487907.322	3665800.854	218.38
LOCATION	L0019583	VOLUME	487905.640	3665797.631	218.59
LOCATION	L0019584	VOLUME	487905.648	3665793.974	218.67
LOCATION	L0019585	VOLUME	487905.656	3665790.316	218.76
LOCATION	L0019586	VOLUME	487905.664	3665786.658	218.84
LOCATION	L0019587	VOLUME	487905.671	3665783.001	218.93
LOCATION	L0019588	VOLUME	487905.679	3665779.343	219.04
LOCATION	L0019589	VOLUME	487905.687	3665775.686	219.15
LOCATION	L0019590	VOLUME	487905.695	3665772.028	219.26
LOCATION	L0019591	VOLUME	487905.703	3665768.371	219.37
LOCATION	L0019592	VOLUME	487905.710	3665764.713	219.49
LOCATION	L0019593	VOLUME	487905.718	3665761.055	219.60
LOCATION	L0019594	VOLUME	487905.726	3665757.398	219.71
LOCATION	L0019595	VOLUME	487905.734	3665753.740	219.82
LOCATION	L0019596	VOLUME	487905.741	3665750.083	220.02
LOCATION	L0019597	VOLUME	487905.749	3665746.425	220.27
LOCATION	L0019598	VOLUME	487905.757	3665742.767	220.52
LOCATION	L0019599	VOLUME	487905.765	3665739.110	220.76
LOCATION	L0019600	VOLUME	487905.773	3665735.452	221.01
LOCATION	L0019601	VOLUME	487905.780	3665731.795	221.26
LOCATION	L0019602	VOLUME	487905.788	3665728.137	221.51
LOCATION	L0019603	VOLUME	487905.796	3665724.479	221.75
LOCATION	L0019604	VOLUME	487905.804	3665720.822	222.00
LOCATION	L0019605	VOLUME	487905.812	3665717.164	222.23
LOCATION	L0019606	VOLUME	487905.819	3665713.507	222.46
LOCATION	L0019607	VOLUME	487905.827	3665709.849	222.70
LOCATION	L0019608	VOLUME	487905.835	3665706.191	222.93
LOCATION	L0019609	VOLUME	487905.843	3665702.534	223.16
LOCATION	L0019610	VOLUME	487905.850	3665698.876	223.40
LOCATION	L0019611	VOLUME	487905.858	3665695.219	223.63
LOCATION	L0019612	VOLUME	487905.866	3665691.561	223.86

LOCATION	L0019613	VOLUME	487905.874	3665687.904	224.03
LOCATION	L0019614	VOLUME	487907.809	3665685.300	224.00
LOCATION	L0019615	VOLUME	487910.884	3665683.320	223.84
LOCATION	L0019616	VOLUME	487913.960	3665681.341	223.71
LOCATION	L0019617	VOLUME	487917.035	3665679.361	223.65
LOCATION	L0019618	VOLUME	487920.307	3665678.118	223.55
LOCATION	L0019619	VOLUME	487923.960	3665678.306	223.38
LOCATION	L0019620	VOLUME	487927.612	3665678.495	223.21
LOCATION	L0019621	VOLUME	487931.265	3665678.684	223.03
LOCATION	L0019622	VOLUME	487934.918	3665678.873	222.86
LOCATION	L0019623	VOLUME	487938.571	3665679.061	222.68
LOCATION	L0019624	VOLUME	487942.223	3665679.250	222.50
LOCATION	L0019625	VOLUME	487945.876	3665679.439	222.31
LOCATION	L0019626	VOLUME	487949.529	3665679.627	222.12
LOCATION	L0019627	VOLUME	487953.181	3665679.816	221.94
LOCATION	L0019628	VOLUME	487956.215	3665681.402	221.71
LOCATION	L0019629	VOLUME	487958.807	3665683.982	221.47
LOCATION	L0019630	VOLUME	487961.399	3665686.562	221.23
LOCATION	L0019631	VOLUME	487963.990	3665689.145	220.99
LOCATION	L0019632	VOLUME	487966.580	3665691.727	220.77
LOCATION	L0019633	VOLUME	487969.170	3665694.310	220.53
LOCATION	L0019634	VOLUME	487971.760	3665696.892	220.29
LOCATION	L0019635	VOLUME	487973.607	3665699.802	220.07
LOCATION	L0019636	VOLUME	487973.759	3665703.456	219.87
LOCATION	L0019637	VOLUME	487973.911	3665707.110	219.67
LOCATION	L0019638	VOLUME	487974.063	3665710.765	219.48
LOCATION	L0019639	VOLUME	487974.215	3665714.419	219.28
LOCATION	L0019640	VOLUME	487974.367	3665718.074	219.08
LOCATION	L0019641	VOLUME	487975.983	3665720.152	218.89
LOCATION	L0019642	VOLUME	487979.638	3665720.033	218.69
LOCATION	L0019643	VOLUME	487983.294	3665719.913	218.49
LOCATION	L0019644	VOLUME	487986.950	3665719.794	218.30
LOCATION	L0019645	VOLUME	487990.605	3665719.675	218.10

\*\* End of LINE VOLUME Source ID = ONSITE

\*\*

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = OFFSITE

```

** DESCRSRC
** PREFIX
** Length of Side = 3.66
** Configuration = Adjacent
** Emission Rate = 4.715E-06
** Vertical Dimension = 3.66
** SZINIT = 1.70
** Nodes = 7
** 488221.470, 3665622.492, 216.23, 0.00, 1.70
** 488073.428, 3665622.492, 216.42, 0.00, 1.70
** 488050.163, 3665630.976, 216.97, 0.00, 1.70
** 488019.079, 3665656.507, 218.16, 0.00, 1.70
** 488003.476, 3665690.770, 218.70, 0.00, 1.70
** 488006.482, 3666017.093, 208.77, 0.00, 1.70
** 487624.553, 3666212.032, 207.56, 0.00, 1.70
** -----
LOCATION L0019646      VOLUME  488219.641 3665622.492 216.18
LOCATION L0019647      VOLUME  488215.983 3665622.492 216.16
LOCATION L0019648      VOLUME  488212.326 3665622.492 216.15
LOCATION L0019649      VOLUME  488208.668 3665622.492 216.13
LOCATION L0019650      VOLUME  488205.011 3665622.492 216.11
LOCATION L0019651      VOLUME  488201.353 3665622.492 216.10
LOCATION L0019652      VOLUME  488197.695 3665622.492 216.08
LOCATION L0019653      VOLUME  488194.038 3665622.492 216.07
LOCATION L0019654      VOLUME  488190.380 3665622.492 216.07
LOCATION L0019655      VOLUME  488186.723 3665622.492 216.07
LOCATION L0019656      VOLUME  488183.065 3665622.492 216.06
LOCATION L0019657      VOLUME  488179.407 3665622.492 216.06
LOCATION L0019658      VOLUME  488175.750 3665622.492 216.05
LOCATION L0019659      VOLUME  488172.092 3665622.492 216.05
LOCATION L0019660      VOLUME  488168.435 3665622.492 216.03
LOCATION L0019661      VOLUME  488164.777 3665622.492 216.00
LOCATION L0019662      VOLUME  488161.119 3665622.492 215.97
LOCATION L0019663      VOLUME  488157.462 3665622.492 215.95
LOCATION L0019664      VOLUME  488153.804 3665622.492 215.92
LOCATION L0019665      VOLUME  488150.147 3665622.492 215.89
LOCATION L0019666      VOLUME  488146.489 3665622.492 215.87

```



LOCATION	L0019667	VOLUME	488142.831	3665622.492	215.85
LOCATION	L0019668	VOLUME	488139.174	3665622.492	215.84
LOCATION	L0019669	VOLUME	488135.516	3665622.492	215.83
LOCATION	L0019670	VOLUME	488131.859	3665622.492	215.82
LOCATION	L0019671	VOLUME	488128.201	3665622.492	215.81
LOCATION	L0019672	VOLUME	488124.543	3665622.492	215.80
LOCATION	L0019673	VOLUME	488120.886	3665622.492	215.79
LOCATION	L0019674	VOLUME	488117.228	3665622.492	215.80
LOCATION	L0019675	VOLUME	488113.571	3665622.492	215.82
LOCATION	L0019676	VOLUME	488109.913	3665622.492	215.84
LOCATION	L0019677	VOLUME	488106.255	3665622.492	215.85
LOCATION	L0019678	VOLUME	488102.598	3665622.492	215.87
LOCATION	L0019679	VOLUME	488098.940	3665622.492	215.89
LOCATION	L0019680	VOLUME	488095.283	3665622.492	215.90
LOCATION	L0019681	VOLUME	488091.625	3665622.492	215.96
LOCATION	L0019682	VOLUME	488087.967	3665622.492	216.04
LOCATION	L0019683	VOLUME	488084.310	3665622.492	216.11
LOCATION	L0019684	VOLUME	488080.652	3665622.492	216.19
LOCATION	L0019685	VOLUME	488076.995	3665622.492	216.27
LOCATION	L0019686	VOLUME	488073.343	3665622.524	216.35
LOCATION	L0019687	VOLUME	488069.906	3665623.777	216.40
LOCATION	L0019688	VOLUME	488066.470	3665625.030	216.46
LOCATION	L0019689	VOLUME	488063.034	3665626.283	216.54
LOCATION	L0019690	VOLUME	488059.597	3665627.535	216.63
LOCATION	L0019691	VOLUME	488056.161	3665628.788	216.72
LOCATION	L0019692	VOLUME	488052.725	3665630.041	216.82
LOCATION	L0019693	VOLUME	488049.444	3665631.566	216.90
LOCATION	L0019694	VOLUME	488046.617	3665633.888	216.94
LOCATION	L0019695	VOLUME	488043.791	3665636.209	216.96
LOCATION	L0019696	VOLUME	488040.965	3665638.531	217.09
LOCATION	L0019697	VOLUME	488038.138	3665640.853	217.35
LOCATION	L0019698	VOLUME	488035.312	3665643.174	217.58
LOCATION	L0019699	VOLUME	488032.485	3665645.496	217.77
LOCATION	L0019700	VOLUME	488029.659	3665647.817	217.93
LOCATION	L0019701	VOLUME	488026.833	3665650.139	218.05
LOCATION	L0019702	VOLUME	488024.006	3665652.460	218.14
LOCATION	L0019703	VOLUME	488021.180	3665654.782	218.19

LOCATION	L0019704	VOLUME	488018.690	3665657.362	218.16
LOCATION	L0019705	VOLUME	488017.174	3665660.691	218.02
LOCATION	L0019706	VOLUME	488015.658	3665664.019	218.13
LOCATION	L0019707	VOLUME	488014.142	3665667.348	218.27
LOCATION	L0019708	VOLUME	488012.627	3665670.677	218.40
LOCATION	L0019709	VOLUME	488011.111	3665674.005	218.52
LOCATION	L0019710	VOLUME	488009.595	3665677.334	218.62
LOCATION	L0019711	VOLUME	488008.079	3665680.663	218.71
LOCATION	L0019712	VOLUME	488006.563	3665683.992	218.79
LOCATION	L0019713	VOLUME	488005.047	3665687.320	218.85
LOCATION	L0019714	VOLUME	488003.532	3665690.649	218.90
LOCATION	L0019715	VOLUME	488003.509	3665694.294	218.72
LOCATION	L0019716	VOLUME	488003.543	3665697.952	218.54
LOCATION	L0019717	VOLUME	488003.576	3665701.609	218.35
LOCATION	L0019718	VOLUME	488003.610	3665705.267	218.17
LOCATION	L0019719	VOLUME	488003.644	3665708.924	217.99
LOCATION	L0019720	VOLUME	488003.677	3665712.582	217.80
LOCATION	L0019721	VOLUME	488003.711	3665716.239	217.62
LOCATION	L0019722	VOLUME	488003.745	3665719.897	217.44
LOCATION	L0019723	VOLUME	488003.778	3665723.554	217.25
LOCATION	L0019724	VOLUME	488003.812	3665727.211	217.04
LOCATION	L0019725	VOLUME	488003.846	3665730.869	216.84
LOCATION	L0019726	VOLUME	488003.879	3665734.526	216.64
LOCATION	L0019727	VOLUME	488003.913	3665738.184	216.43
LOCATION	L0019728	VOLUME	488003.947	3665741.841	216.23
LOCATION	L0019729	VOLUME	488003.980	3665745.499	216.03
LOCATION	L0019730	VOLUME	488004.014	3665749.156	215.82
LOCATION	L0019731	VOLUME	488004.048	3665752.814	215.63
LOCATION	L0019732	VOLUME	488004.082	3665756.471	215.52
LOCATION	L0019733	VOLUME	488004.115	3665760.128	215.40
LOCATION	L0019734	VOLUME	488004.149	3665763.786	215.29
LOCATION	L0019735	VOLUME	488004.183	3665767.443	215.17
LOCATION	L0019736	VOLUME	488004.216	3665771.101	215.06
LOCATION	L0019737	VOLUME	488004.250	3665774.758	214.95
LOCATION	L0019738	VOLUME	488004.284	3665778.416	214.83
LOCATION	L0019739	VOLUME	488004.317	3665782.073	214.72
LOCATION	L0019740	VOLUME	488004.351	3665785.731	214.62

LOCATION	L0019741	VOLUME	488004.385	3665789.388	214.54
LOCATION	L0019742	VOLUME	488004.418	3665793.045	214.46
LOCATION	L0019743	VOLUME	488004.452	3665796.703	214.38
LOCATION	L0019744	VOLUME	488004.486	3665800.360	214.29
LOCATION	L0019745	VOLUME	488004.520	3665804.018	214.21
LOCATION	L0019746	VOLUME	488004.553	3665807.675	214.13
LOCATION	L0019747	VOLUME	488004.587	3665811.333	214.05
LOCATION	L0019748	VOLUME	488004.621	3665814.990	213.94
LOCATION	L0019749	VOLUME	488004.654	3665818.648	213.77
LOCATION	L0019750	VOLUME	488004.688	3665822.305	213.59
LOCATION	L0019751	VOLUME	488004.722	3665825.962	213.42
LOCATION	L0019752	VOLUME	488004.755	3665829.620	213.25
LOCATION	L0019753	VOLUME	488004.789	3665833.277	213.08
LOCATION	L0019754	VOLUME	488004.823	3665836.935	212.90
LOCATION	L0019755	VOLUME	488004.856	3665840.592	212.73
LOCATION	L0019756	VOLUME	488004.890	3665844.250	212.56
LOCATION	L0019757	VOLUME	488004.924	3665847.907	212.46
LOCATION	L0019758	VOLUME	488004.958	3665851.565	212.38
LOCATION	L0019759	VOLUME	488004.991	3665855.222	212.29
LOCATION	L0019760	VOLUME	488005.025	3665858.879	212.20
LOCATION	L0019761	VOLUME	488005.059	3665862.537	212.12
LOCATION	L0019762	VOLUME	488005.092	3665866.194	212.03
LOCATION	L0019763	VOLUME	488005.126	3665869.852	211.94
LOCATION	L0019764	VOLUME	488005.160	3665873.509	211.86
LOCATION	L0019765	VOLUME	488005.193	3665877.167	211.77
LOCATION	L0019766	VOLUME	488005.227	3665880.824	211.68
LOCATION	L0019767	VOLUME	488005.261	3665884.482	211.59
LOCATION	L0019768	VOLUME	488005.294	3665888.139	211.50
LOCATION	L0019769	VOLUME	488005.328	3665891.796	211.41
LOCATION	L0019770	VOLUME	488005.362	3665895.454	211.32
LOCATION	L0019771	VOLUME	488005.395	3665899.111	211.23
LOCATION	L0019772	VOLUME	488005.429	3665902.769	211.14
LOCATION	L0019773	VOLUME	488005.463	3665906.426	211.05
LOCATION	L0019774	VOLUME	488005.497	3665910.084	211.00
LOCATION	L0019775	VOLUME	488005.530	3665913.741	210.94
LOCATION	L0019776	VOLUME	488005.564	3665917.399	210.89
LOCATION	L0019777	VOLUME	488005.598	3665921.056	210.83

LOCATION	L0019778	VOLUME	488005.631	3665924.713	210.77
LOCATION	L0019779	VOLUME	488005.665	3665928.371	210.72
LOCATION	L0019780	VOLUME	488005.699	3665932.028	210.66
LOCATION	L0019781	VOLUME	488005.732	3665935.686	210.60
LOCATION	L0019782	VOLUME	488005.766	3665939.343	210.54
LOCATION	L0019783	VOLUME	488005.800	3665943.001	210.46
LOCATION	L0019784	VOLUME	488005.833	3665946.658	210.38
LOCATION	L0019785	VOLUME	488005.867	3665950.316	210.31
LOCATION	L0019786	VOLUME	488005.901	3665953.973	210.23
LOCATION	L0019787	VOLUME	488005.935	3665957.630	210.16
LOCATION	L0019788	VOLUME	488005.968	3665961.288	210.08
LOCATION	L0019789	VOLUME	488006.002	3665964.945	210.00
LOCATION	L0019790	VOLUME	488006.036	3665968.603	209.93
LOCATION	L0019791	VOLUME	488006.069	3665972.260	209.85
LOCATION	L0019792	VOLUME	488006.103	3665975.918	209.76
LOCATION	L0019793	VOLUME	488006.137	3665979.575	209.68
LOCATION	L0019794	VOLUME	488006.170	3665983.233	209.60
LOCATION	L0019795	VOLUME	488006.204	3665986.890	209.52
LOCATION	L0019796	VOLUME	488006.238	3665990.547	209.44
LOCATION	L0019797	VOLUME	488006.271	3665994.205	209.36
LOCATION	L0019798	VOLUME	488006.305	3665997.862	209.28
LOCATION	L0019799	VOLUME	488006.339	3666001.520	209.24
LOCATION	L0019800	VOLUME	488006.373	3666005.177	209.20
LOCATION	L0019801	VOLUME	488006.406	3666008.835	209.17
LOCATION	L0019802	VOLUME	488006.440	3666012.492	209.14
LOCATION	L0019803	VOLUME	488006.474	3666016.150	209.11
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LOCATION	L0019806	VOLUME	487997.549	3666021.652	209.32
LOCATION	L0019807	VOLUME	487994.292	3666023.315	209.36
LOCATION	L0019808	VOLUME	487991.034	3666024.978	209.38
LOCATION	L0019809	VOLUME	487987.776	3666026.641	209.46
LOCATION	L0019810	VOLUME	487984.518	3666028.304	209.57
LOCATION	L0019811	VOLUME	487981.260	3666029.966	209.70
LOCATION	L0019812	VOLUME	487978.003	3666031.629	209.90
LOCATION	L0019813	VOLUME	487974.745	3666033.292	210.10
LOCATION	L0019814	VOLUME	487971.487	3666034.955	210.31

LOCATION	L0019815	VOLUME	487968.229	3666036.618	210.51
LOCATION	L0019816	VOLUME	487964.971	3666038.280	210.72
LOCATION	L0019817	VOLUME	487961.714	3666039.943	210.80
LOCATION	L0019818	VOLUME	487958.456	3666041.606	210.88
LOCATION	L0019819	VOLUME	487955.198	3666043.269	210.96
LOCATION	L0019820	VOLUME	487951.940	3666044.932	211.04
LOCATION	L0019821	VOLUME	487948.683	3666046.594	211.12
LOCATION	L0019822	VOLUME	487945.425	3666048.257	211.20
LOCATION	L0019823	VOLUME	487942.167	3666049.920	211.28
LOCATION	L0019824	VOLUME	487938.909	3666051.583	211.36
LOCATION	L0019825	VOLUME	487935.651	3666053.245	211.54
LOCATION	L0019826	VOLUME	487932.394	3666054.908	211.73
LOCATION	L0019827	VOLUME	487929.136	3666056.571	211.93
LOCATION	L0019828	VOLUME	487925.878	3666058.234	212.14
LOCATION	L0019829	VOLUME	487922.620	3666059.897	212.36
LOCATION	L0019830	VOLUME	487919.362	3666061.559	212.57
LOCATION	L0019831	VOLUME	487916.105	3666063.222	212.75
LOCATION	L0019832	VOLUME	487912.847	3666064.885	212.92
LOCATION	L0019833	VOLUME	487909.589	3666066.548	212.99
LOCATION	L0019834	VOLUME	487906.331	3666068.211	213.06
LOCATION	L0019835	VOLUME	487903.074	3666069.873	213.13
LOCATION	L0019836	VOLUME	487899.816	3666071.536	213.21
LOCATION	L0019837	VOLUME	487896.558	3666073.199	213.29
LOCATION	L0019838	VOLUME	487893.300	3666074.862	213.37
LOCATION	L0019839	VOLUME	487890.042	3666076.525	213.45
LOCATION	L0019840	VOLUME	487886.785	3666078.187	213.53
LOCATION	L0019841	VOLUME	487883.527	3666079.850	213.57
LOCATION	L0019842	VOLUME	487880.269	3666081.513	213.60
LOCATION	L0019843	VOLUME	487877.011	3666083.176	213.63
LOCATION	L0019844	VOLUME	487873.754	3666084.839	213.66
LOCATION	L0019845	VOLUME	487870.496	3666086.501	213.68
LOCATION	L0019846	VOLUME	487867.238	3666088.164	213.69
LOCATION	L0019847	VOLUME	487863.980	3666089.827	213.70
LOCATION	L0019848	VOLUME	487860.722	3666091.490	213.68
LOCATION	L0019849	VOLUME	487857.465	3666093.152	213.59
LOCATION	L0019850	VOLUME	487854.207	3666094.815	213.52
LOCATION	L0019851	VOLUME	487850.949	3666096.478	213.46

LOCATION	L0019852	VOLUME	487847.691	3666098.141	213.42
LOCATION	L0019853	VOLUME	487844.433	3666099.804	213.41
LOCATION	L0019854	VOLUME	487841.176	3666101.466	213.41
LOCATION	L0019855	VOLUME	487837.918	3666103.129	213.42
LOCATION	L0019856	VOLUME	487834.660	3666104.792	213.43
LOCATION	L0019857	VOLUME	487831.402	3666106.455	213.34
LOCATION	L0019858	VOLUME	487828.145	3666108.118	213.23
LOCATION	L0019859	VOLUME	487824.887	3666109.780	213.11
LOCATION	L0019860	VOLUME	487821.629	3666111.443	212.96
LOCATION	L0019861	VOLUME	487818.371	3666113.106	212.80
LOCATION	L0019862	VOLUME	487815.113	3666114.769	212.62
LOCATION	L0019863	VOLUME	487811.856	3666116.432	212.42
LOCATION	L0019864	VOLUME	487808.598	3666118.094	212.22
LOCATION	L0019865	VOLUME	487805.340	3666119.757	212.08
LOCATION	L0019866	VOLUME	487802.082	3666121.420	211.93
LOCATION	L0019867	VOLUME	487798.824	3666123.083	211.77
LOCATION	L0019868	VOLUME	487795.567	3666124.745	211.61
LOCATION	L0019869	VOLUME	487792.309	3666126.408	211.45
LOCATION	L0019870	VOLUME	487789.051	3666128.071	211.30
LOCATION	L0019871	VOLUME	487785.793	3666129.734	211.14
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LOCATION	L0019873	VOLUME	487779.278	3666133.059	210.83
LOCATION	L0019874	VOLUME	487776.020	3666134.722	210.67
LOCATION	L0019875	VOLUME	487772.762	3666136.385	210.50
LOCATION	L0019876	VOLUME	487769.504	3666138.048	210.31
LOCATION	L0019877	VOLUME	487766.247	3666139.711	210.13
LOCATION	L0019878	VOLUME	487762.989	3666141.373	209.93
LOCATION	L0019879	VOLUME	487759.731	3666143.036	209.72
LOCATION	L0019880	VOLUME	487756.473	3666144.699	209.54
LOCATION	L0019881	VOLUME	487753.215	3666146.362	209.41
LOCATION	L0019882	VOLUME	487749.958	3666148.025	209.26
LOCATION	L0019883	VOLUME	487746.700	3666149.687	209.10
LOCATION	L0019884	VOLUME	487743.442	3666151.350	208.92
LOCATION	L0019885	VOLUME	487740.184	3666153.013	208.72
LOCATION	L0019886	VOLUME	487736.927	3666154.676	208.57
LOCATION	L0019887	VOLUME	487733.669	3666156.338	208.43
LOCATION	L0019888	VOLUME	487730.411	3666158.001	208.40

LOCATION	L0019889	VOLUME	487727.153	3666159.664	208.50
LOCATION	L0019890	VOLUME	487723.895	3666161.327	208.57
LOCATION	L0019891	VOLUME	487720.638	3666162.990	208.62
LOCATION	L0019892	VOLUME	487717.380	3666164.652	208.65
LOCATION	L0019893	VOLUME	487714.122	3666166.315	208.64
LOCATION	L0019894	VOLUME	487710.864	3666167.978	208.62
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LOCATION	L0019896	VOLUME	487704.349	3666171.304	208.43
LOCATION	L0019897	VOLUME	487701.091	3666172.966	208.24
LOCATION	L0019898	VOLUME	487697.833	3666174.629	208.06
LOCATION	L0019899	VOLUME	487694.575	3666176.292	207.90
LOCATION	L0019900	VOLUME	487691.318	3666177.955	207.74
LOCATION	L0019901	VOLUME	487688.060	3666179.618	207.60
LOCATION	L0019902	VOLUME	487684.802	3666181.280	207.47
LOCATION	L0019903	VOLUME	487681.544	3666182.943	207.35
LOCATION	L0019904	VOLUME	487678.286	3666184.606	207.36
LOCATION	L0019905	VOLUME	487675.029	3666186.269	207.46
LOCATION	L0019906	VOLUME	487671.771	3666187.932	207.54
LOCATION	L0019907	VOLUME	487668.513	3666189.594	207.59
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LOCATION	L0019909	VOLUME	487661.997	3666192.920	207.63
LOCATION	L0019910	VOLUME	487658.740	3666194.583	207.61
LOCATION	L0019911	VOLUME	487655.482	3666196.245	207.56
LOCATION	L0019912	VOLUME	487652.224	3666197.908	207.51
LOCATION	L0019913	VOLUME	487648.966	3666199.571	207.47
LOCATION	L0019914	VOLUME	487645.709	3666201.234	207.45
LOCATION	L0019915	VOLUME	487642.451	3666202.897	207.44
LOCATION	L0019916	VOLUME	487639.193	3666204.559	207.45
LOCATION	L0019917	VOLUME	487635.935	3666206.222	207.48
LOCATION	L0019918	VOLUME	487632.677	3666207.885	207.52
LOCATION	L0019919	VOLUME	487629.420	3666209.548	207.57
LOCATION	L0019920	VOLUME	487626.162	3666211.211	207.63

\*\* End of LINE VOLUME Source ID = OFFSITE

\*\* Source Parameters \*\*

SRCPARAM	IDLE1	3.7253E-06	12.000	366.000	51.90000	0.100
SRCPARAM	IDLE2	3.7253E-06	12.000	366.000	51.90000	0.100
SRCPARAM	IDLE3	3.7253E-06	12.000	366.000	51.90000	0.100

	SRCPARAM	IDLE4	3.7253E-06	12.000	366.000	51.90000	0.100
	SRCPARAM	IDLE5	3.7253E-06	12.000	366.000	51.90000	0.100
**	LINE	VOLUME	Source	ID	=	ONSITE	
	SRCPARAM	L0019530	0.00000001738	0.00	1.70	1.70	
	SRCPARAM	L0019531	0.00000001738	0.00	1.70	1.70	
	SRCPARAM	L0019532	0.00000001738	0.00	1.70	1.70	
	SRCPARAM	L0019533	0.00000001738	0.00	1.70	1.70	
	SRCPARAM	L0019534	0.00000001738	0.00	1.70	1.70	
	SRCPARAM	L0019535	0.00000001738	0.00	1.70	1.70	
	SRCPARAM	L0019536	0.00000001738	0.00	1.70	1.70	
	SRCPARAM	L0019537	0.00000001738	0.00	1.70	1.70	
	SRCPARAM	L0019538	0.00000001738	0.00	1.70	1.70	
	SRCPARAM	L0019539	0.00000001738	0.00	1.70	1.70	
	SRCPARAM	L0019540	0.00000001738	0.00	1.70	1.70	
	SRCPARAM	L0019541	0.00000001738	0.00	1.70	1.70	
	SRCPARAM	L0019542	0.00000001738	0.00	1.70	1.70	
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SRCPARAM	L0019614	0.00000001738	0.00	1.70	1.70
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SRCPARAM	L0019645	0.00000001738	0.00	1.70	1.70

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\*\* LINE VOLUME Source ID = OFFSITE

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SRCPARAM	L0019904	0.00000001715	0.00	1.70	1.70
SRCPARAM	L0019905	0.00000001715	0.00	1.70	1.70
SRCPARAM	L0019906	0.00000001715	0.00	1.70	1.70
SRCPARAM	L0019907	0.00000001715	0.00	1.70	1.70
SRCPARAM	L0019908	0.00000001715	0.00	1.70	1.70
SRCPARAM	L0019909	0.00000001715	0.00	1.70	1.70
SRCPARAM	L0019910	0.00000001715	0.00	1.70	1.70
SRCPARAM	L0019911	0.00000001715	0.00	1.70	1.70
SRCPARAM	L0019912	0.00000001715	0.00	1.70	1.70
SRCPARAM	L0019913	0.00000001715	0.00	1.70	1.70
SRCPARAM	L0019914	0.00000001715	0.00	1.70	1.70
SRCPARAM	L0019915	0.00000001715	0.00	1.70	1.70
SRCPARAM	L0019916	0.00000001715	0.00	1.70	1.70
SRCPARAM	L0019917	0.00000001715	0.00	1.70	1.70
SRCPARAM	L0019918	0.00000001715	0.00	1.70	1.70
SRCPARAM	L0019919	0.00000001715	0.00	1.70	1.70
SRCPARAM	L0019920	0.00000001715	0.00	1.70	1.70

\*\* -----

SRCGROUP ALL

SO FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Receptor Pathway

\*\*\*\*\*

\*\*

\*\*

RE STARTING

INCLUDED "Meyers Escondido.rou"

```

RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE MissionViejoADJU\MSVJ_V9_ADJU\MSVJ_v9.SFC
PROFFILE MissionViejoADJU\MSVJ_V9_ADJU\MSVJ_v9.PFL
SURFDATA 93184 2011
UAIRDATA 3190 2011
SITEDATA 99999 2011
PROFBASE 646.0 FEET
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST "Meyers Escondido.AD\01H1GALL.PLT" 31
PLOTFILE PERIOD ALL "Meyers Escondido.AD\PE00GALL.PLT" 32
SUMMFILE "Meyers Escondido.sum"
OU FINISHED

```

\*\*\* Message Summary For AERMOD Model Setup \*\*\*

----- Summary of Total Messages -----

```

A Total of          0 Fatal Error Message(s)
A Total of          7 Warning Message(s)

```

A Total of 0 Informational Message(s)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
SO W320 479 PPARAM: Input Parameter May Be Out-of-Range for Parameter  
VS  
SO W320 480 PPARAM: Input Parameter May Be Out-of-Range for Parameter  
VS  
SO W320 481 PPARAM: Input Parameter May Be Out-of-Range for Parameter  
VS  
SO W320 482 PPARAM: Input Parameter May Be Out-of-Range for Parameter  
VS  
SO W320 483 PPARAM: Input Parameter May Be Out-of-Range for Parameter  
VS  
ME W186 903 MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used  
0.50  
ME W187 903 MEOPEN: ADJ\_U\* Option for Stable Low Winds used in AERMET

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

---  
---  
\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

\*\*NO GAS DEPOSITION Data Provided.

\*\*NO PARTICLE DEPOSITION Data Provided.

\*\*Model Uses NO DRY DEPLETION. DRYDPLT = F

\*\*Model Uses NO WET DEPLETION. WETDPLT = F

\*\*Model Uses RURAL Dispersion Only.

\*\*Model Uses Regulatory DEFAULT Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.

\*\*Other Options Specified:

ADJ\_U\* - Use ADJ\_U\* option for SBL in AERMET  
TEMP\_Sub - Meteorological data includes TEMP substitutions

\*\*Model Assumes No FLAGPOLE Receptor Heights.

\*\*The User Specified a Pollutant Type of: DPM

\*\*Model Calculates 1 Short Term Average(s) of: 1-HR  
and Calculates PERIOD Averages

\*\*This Run Includes: 396 Source(s); 1 Source Group(s); and 231 Receptor(s)  
with: 5 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 391 VOLUME source(s)  
and: 0 AREA type source(s)  
and: 0 LINE source(s)  
and: 0 RLINE/RLINEXT source(s)  
and: 0 OPENPIT source(s)  
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)

\*\*Model Set To Continue RUNNING After the Setup Testing.

\*\*The AERMET Input Meteorological Data Version Date: 16216

\*\*Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor  
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)  
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)  
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and Missing

Hours

\*\*Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 196.90 ; Decay Coef. =  
0.000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ; Emission Rate  
Unit Factor = 0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 3.7 MB of RAM.

\*\*Input Runstream File: aermod.inp  
\*\*Output Print File: aermod.out  
  
\*\*Detailed Error/Message File: Meyers Escondido.err  
\*\*File for Summary of Results: Meyers Escondido.sum

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 \*\*\* MODELOPTs:        RegDFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* POINT SOURCE DATA \*\*\*

STACK	BLDG	NUMBER	EMISSION	RATE		BASE	STACK	STACK	STACK
SOURCE	EXISTS	URBAN	CAP/	EMIS RATE	X	ELEV.	HEIGHT	TEMP.	EXIT VEL.
DIAMETER		SOURCE	HOR	SCALAR		(METERS)	(METERS)	(DEG.K)	(M/SEC)
ID	CATS.		(METERS)	(METERS)					
(METERS)			VARY BY						
IDLE1		0	0.37253E-05	487922.3	3665805.8	217.4	12.00	366.00	51.90
0.10	NO	NO	NO						
IDLE2		0	0.37253E-05	487912.4	3665782.6	218.3	12.00	366.00	51.90
0.10	NO	NO	NO						
IDLE3		0	0.37253E-05	487912.8	3665757.6	219.1	12.00	366.00	51.90
0.10	NO	NO	NO						
IDLE4		0	0.37253E-05	487912.8	3665734.7	220.5	12.00	366.00	51.90
0.10	NO	NO	NO						
IDLE5		0	0.37253E-05	487912.8	3665710.6	222.2	12.00	366.00	51.90
0.10	NO	NO	NO						



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 \*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE SCALAR VARY			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.								
BY									
L0019530	0	0.17380E-07	487989.4	3665731.0	217.5	0.00	1.70	1.70	
NO									
L0019531	0	0.17380E-07	487985.7	3665731.0	217.7	0.00	1.70	1.70	
NO									
L0019532	0	0.17380E-07	487982.1	3665731.0	217.9	0.00	1.70	1.70	
NO									
L0019533	0	0.17380E-07	487978.4	3665731.0	218.2	0.00	1.70	1.70	
NO									
L0019534	0	0.17380E-07	487976.8	3665733.2	218.1	0.00	1.70	1.70	
NO									
L0019535	0	0.17380E-07	487976.6	3665736.8	217.9	0.00	1.70	1.70	
NO									
L0019536	0	0.17380E-07	487976.4	3665740.5	217.7	0.00	1.70	1.70	
NO									
L0019537	0	0.17380E-07	487976.2	3665744.1	217.6	0.00	1.70	1.70	
NO									
L0019538	0	0.17380E-07	487976.1	3665747.8	217.4	0.00	1.70	1.70	

NO								
L0019539	0	0.17380E-07	487975.9	3665751.5	217.2	0.00	1.70	1.70
NO								
L0019540	0	0.17380E-07	487975.7	3665755.1	217.0	0.00	1.70	1.70
NO								
L0019541	0	0.17380E-07	487975.5	3665758.8	216.9	0.00	1.70	1.70
NO								
L0019542	0	0.17380E-07	487975.3	3665762.4	216.8	0.00	1.70	1.70
NO								
L0019543	0	0.17380E-07	487975.2	3665766.1	216.7	0.00	1.70	1.70
NO								
L0019544	0	0.17380E-07	487975.0	3665769.7	216.5	0.00	1.70	1.70
NO								
L0019545	0	0.17380E-07	487974.8	3665773.4	216.4	0.00	1.70	1.70
NO								
L0019546	0	0.17380E-07	487974.6	3665777.0	216.3	0.00	1.70	1.70
NO								
L0019547	0	0.17380E-07	487974.4	3665780.7	216.2	0.00	1.70	1.70
NO								
L0019548	0	0.17380E-07	487974.3	3665784.3	216.1	0.00	1.70	1.70
NO								
L0019549	0	0.17380E-07	487974.1	3665788.0	216.0	0.00	1.70	1.70
NO								
L0019550	0	0.17380E-07	487973.9	3665791.6	215.9	0.00	1.70	1.70
NO								
L0019551	0	0.17380E-07	487973.7	3665795.3	215.8	0.00	1.70	1.70
NO								
L0019552	0	0.17380E-07	487973.6	3665798.9	215.7	0.00	1.70	1.70
NO								
L0019553	0	0.17380E-07	487973.7	3665802.6	215.6	0.00	1.70	1.70
NO								
L0019554	0	0.17380E-07	487973.7	3665806.3	215.5	0.00	1.70	1.70
NO								
L0019555	0	0.17380E-07	487973.7	3665809.9	215.4	0.00	1.70	1.70
NO								
L0019556	0	0.17380E-07	487973.7	3665813.6	215.2	0.00	1.70	1.70
NO								

L0019557	0	0.17380E-07	487973.8	3665817.2	214.9	0.00	1.70	1.70
NO								
L0019558	0	0.17380E-07	487973.8	3665820.9	214.6	0.00	1.70	1.70
NO								
L0019559	0	0.17380E-07	487973.8	3665824.5	214.2	0.00	1.70	1.70
NO								
L0019560	0	0.17380E-07	487972.8	3665827.2	214.0	0.00	1.70	1.70
NO								
L0019561	0	0.17380E-07	487969.1	3665827.1	214.1	0.00	1.70	1.70
NO								
L0019562	0	0.17380E-07	487965.5	3665827.0	214.2	0.00	1.70	1.70
NO								
L0019563	0	0.17380E-07	487961.8	3665827.0	214.3	0.00	1.70	1.70
NO								
L0019564	0	0.17380E-07	487958.2	3665826.9	214.4	0.00	1.70	1.70
NO								
L0019565	0	0.17380E-07	487954.5	3665826.8	214.5	0.00	1.70	1.70
NO								
L0019566	0	0.17380E-07	487950.9	3665826.8	214.6	0.00	1.70	1.70
NO								
L0019567	0	0.17380E-07	487947.2	3665826.7	214.7	0.00	1.70	1.70
NO								
L0019568	0	0.17380E-07	487943.5	3665826.7	214.7	0.00	1.70	1.70
NO								
L0019569	0	0.17380E-07	487939.9	3665826.6	214.8	0.00	1.70	1.70
NO								

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 \*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE SCALAR VARY			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.								
BY									
L0019570	0	0.17380E-07	487936.2	3665826.5	215.0	0.00	1.70	1.70	
NO									
L0019571	0	0.17380E-07	487932.6	3665826.5	215.1	0.00	1.70	1.70	
NO									
L0019572	0	0.17380E-07	487928.9	3665826.4	215.3	0.00	1.70	1.70	
NO									
L0019573	0	0.17380E-07	487925.3	3665826.3	215.5	0.00	1.70	1.70	
NO									
L0019574	0	0.17380E-07	487921.6	3665826.3	215.6	0.00	1.70	1.70	
NO									
L0019575	0	0.17380E-07	487919.7	3665823.3	216.1	0.00	1.70	1.70	
NO									
L0019576	0	0.17380E-07	487918.0	3665820.1	216.6	0.00	1.70	1.70	
NO									
L0019577	0	0.17380E-07	487916.2	3665816.9	217.2	0.00	1.70	1.70	
NO									
L0019578	0	0.17380E-07	487914.4	3665813.7	217.6	0.00	1.70	1.70	

NO								
L0019579	0	0.17380E-07	487912.6	3665810.5	217.8	0.00	1.70	1.70
NO								
L0019580	0	0.17380E-07	487910.9	3665807.3	218.0	0.00	1.70	1.70
NO								
L0019581	0	0.17380E-07	487909.1	3665804.1	218.2	0.00	1.70	1.70
NO								
L0019582	0	0.17380E-07	487907.3	3665800.9	218.4	0.00	1.70	1.70
NO								
L0019583	0	0.17380E-07	487905.6	3665797.6	218.6	0.00	1.70	1.70
NO								
L0019584	0	0.17380E-07	487905.6	3665794.0	218.7	0.00	1.70	1.70
NO								
L0019585	0	0.17380E-07	487905.7	3665790.3	218.8	0.00	1.70	1.70
NO								
L0019586	0	0.17380E-07	487905.7	3665786.7	218.8	0.00	1.70	1.70
NO								
L0019587	0	0.17380E-07	487905.7	3665783.0	218.9	0.00	1.70	1.70
NO								
L0019588	0	0.17380E-07	487905.7	3665779.3	219.0	0.00	1.70	1.70
NO								
L0019589	0	0.17380E-07	487905.7	3665775.7	219.2	0.00	1.70	1.70
NO								
L0019590	0	0.17380E-07	487905.7	3665772.0	219.3	0.00	1.70	1.70
NO								
L0019591	0	0.17380E-07	487905.7	3665768.4	219.4	0.00	1.70	1.70
NO								
L0019592	0	0.17380E-07	487905.7	3665764.7	219.5	0.00	1.70	1.70
NO								
L0019593	0	0.17380E-07	487905.7	3665761.1	219.6	0.00	1.70	1.70
NO								
L0019594	0	0.17380E-07	487905.7	3665757.4	219.7	0.00	1.70	1.70
NO								
L0019595	0	0.17380E-07	487905.7	3665753.7	219.8	0.00	1.70	1.70
NO								
L0019596	0	0.17380E-07	487905.7	3665750.1	220.0	0.00	1.70	1.70
NO								

L0019597	0	0.17380E-07	487905.7	3665746.4	220.3	0.00	1.70	1.70
NO								
L0019598	0	0.17380E-07	487905.8	3665742.8	220.5	0.00	1.70	1.70
NO								
L0019599	0	0.17380E-07	487905.8	3665739.1	220.8	0.00	1.70	1.70
NO								
L0019600	0	0.17380E-07	487905.8	3665735.5	221.0	0.00	1.70	1.70
NO								
L0019601	0	0.17380E-07	487905.8	3665731.8	221.3	0.00	1.70	1.70
NO								
L0019602	0	0.17380E-07	487905.8	3665728.1	221.5	0.00	1.70	1.70
NO								
L0019603	0	0.17380E-07	487905.8	3665724.5	221.8	0.00	1.70	1.70
NO								
L0019604	0	0.17380E-07	487905.8	3665720.8	222.0	0.00	1.70	1.70
NO								
L0019605	0	0.17380E-07	487905.8	3665717.2	222.2	0.00	1.70	1.70
NO								
L0019606	0	0.17380E-07	487905.8	3665713.5	222.5	0.00	1.70	1.70
NO								
L0019607	0	0.17380E-07	487905.8	3665709.8	222.7	0.00	1.70	1.70
NO								
L0019608	0	0.17380E-07	487905.8	3665706.2	222.9	0.00	1.70	1.70
NO								
L0019609	0	0.17380E-07	487905.8	3665702.5	223.2	0.00	1.70	1.70
NO								

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\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE SCALAR VARY			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.								
L0019610	0	0.17380E-07	487905.8	3665698.9	223.4	0.00	1.70	1.70	
NO									
L0019611	0	0.17380E-07	487905.9	3665695.2	223.6	0.00	1.70	1.70	
NO									
L0019612	0	0.17380E-07	487905.9	3665691.6	223.9	0.00	1.70	1.70	
NO									
L0019613	0	0.17380E-07	487905.9	3665687.9	224.0	0.00	1.70	1.70	
NO									
L0019614	0	0.17380E-07	487907.8	3665685.3	224.0	0.00	1.70	1.70	
NO									
L0019615	0	0.17380E-07	487910.9	3665683.3	223.8	0.00	1.70	1.70	
NO									
L0019616	0	0.17380E-07	487914.0	3665681.3	223.7	0.00	1.70	1.70	
NO									
L0019617	0	0.17380E-07	487917.0	3665679.4	223.7	0.00	1.70	1.70	
NO									
L0019618	0	0.17380E-07	487920.3	3665678.1	223.6	0.00	1.70	1.70	

NO								
L0019619	0	0.17380E-07	487924.0	3665678.3	223.4	0.00	1.70	1.70
NO								
L0019620	0	0.17380E-07	487927.6	3665678.5	223.2	0.00	1.70	1.70
NO								
L0019621	0	0.17380E-07	487931.3	3665678.7	223.0	0.00	1.70	1.70
NO								
L0019622	0	0.17380E-07	487934.9	3665678.9	222.9	0.00	1.70	1.70
NO								
L0019623	0	0.17380E-07	487938.6	3665679.1	222.7	0.00	1.70	1.70
NO								
L0019624	0	0.17380E-07	487942.2	3665679.2	222.5	0.00	1.70	1.70
NO								
L0019625	0	0.17380E-07	487945.9	3665679.4	222.3	0.00	1.70	1.70
NO								
L0019626	0	0.17380E-07	487949.5	3665679.6	222.1	0.00	1.70	1.70
NO								
L0019627	0	0.17380E-07	487953.2	3665679.8	221.9	0.00	1.70	1.70
NO								
L0019628	0	0.17380E-07	487956.2	3665681.4	221.7	0.00	1.70	1.70
NO								
L0019629	0	0.17380E-07	487958.8	3665684.0	221.5	0.00	1.70	1.70
NO								
L0019630	0	0.17380E-07	487961.4	3665686.6	221.2	0.00	1.70	1.70
NO								
L0019631	0	0.17380E-07	487964.0	3665689.1	221.0	0.00	1.70	1.70
NO								
L0019632	0	0.17380E-07	487966.6	3665691.7	220.8	0.00	1.70	1.70
NO								
L0019633	0	0.17380E-07	487969.2	3665694.3	220.5	0.00	1.70	1.70
NO								
L0019634	0	0.17380E-07	487971.8	3665696.9	220.3	0.00	1.70	1.70
NO								
L0019635	0	0.17380E-07	487973.6	3665699.8	220.1	0.00	1.70	1.70
NO								
L0019636	0	0.17380E-07	487973.8	3665703.5	219.9	0.00	1.70	1.70
NO								



L0019637	0	0.17380E-07	487973.9	3665707.1	219.7	0.00	1.70	1.70
NO								
L0019638	0	0.17380E-07	487974.1	3665710.8	219.5	0.00	1.70	1.70
NO								
L0019639	0	0.17380E-07	487974.2	3665714.4	219.3	0.00	1.70	1.70
NO								
L0019640	0	0.17380E-07	487974.4	3665718.1	219.1	0.00	1.70	1.70
NO								
L0019641	0	0.17380E-07	487976.0	3665720.2	218.9	0.00	1.70	1.70
NO								
L0019642	0	0.17380E-07	487979.6	3665720.0	218.7	0.00	1.70	1.70
NO								
L0019643	0	0.17380E-07	487983.3	3665719.9	218.5	0.00	1.70	1.70
NO								
L0019644	0	0.17380E-07	487987.0	3665719.8	218.3	0.00	1.70	1.70
NO								
L0019645	0	0.17380E-07	487990.6	3665719.7	218.1	0.00	1.70	1.70
NO								
L0019646	0	0.17150E-07	488219.6	3665622.5	216.2	0.00	1.70	1.70
NO								
L0019647	0	0.17150E-07	488216.0	3665622.5	216.2	0.00	1.70	1.70
NO								
L0019648	0	0.17150E-07	488212.3	3665622.5	216.2	0.00	1.70	1.70
NO								
L0019649	0	0.17150E-07	488208.7	3665622.5	216.1	0.00	1.70	1.70
NO								

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\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE SCALAR VARY			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.								
L0019650	0	0.17150E-07	488205.0	3665622.5	216.1	0.00	1.70	1.70	
NO									
L0019651	0	0.17150E-07	488201.4	3665622.5	216.1	0.00	1.70	1.70	
NO									
L0019652	0	0.17150E-07	488197.7	3665622.5	216.1	0.00	1.70	1.70	
NO									
L0019653	0	0.17150E-07	488194.0	3665622.5	216.1	0.00	1.70	1.70	
NO									
L0019654	0	0.17150E-07	488190.4	3665622.5	216.1	0.00	1.70	1.70	
NO									
L0019655	0	0.17150E-07	488186.7	3665622.5	216.1	0.00	1.70	1.70	
NO									
L0019656	0	0.17150E-07	488183.1	3665622.5	216.1	0.00	1.70	1.70	
NO									
L0019657	0	0.17150E-07	488179.4	3665622.5	216.1	0.00	1.70	1.70	
NO									
L0019658	0	0.17150E-07	488175.8	3665622.5	216.1	0.00	1.70	1.70	

NO								
L0019659	0	0.17150E-07	488172.1	3665622.5	216.1	0.00	1.70	1.70
NO								
L0019660	0	0.17150E-07	488168.4	3665622.5	216.0	0.00	1.70	1.70
NO								
L0019661	0	0.17150E-07	488164.8	3665622.5	216.0	0.00	1.70	1.70
NO								
L0019662	0	0.17150E-07	488161.1	3665622.5	216.0	0.00	1.70	1.70
NO								
L0019663	0	0.17150E-07	488157.5	3665622.5	216.0	0.00	1.70	1.70
NO								
L0019664	0	0.17150E-07	488153.8	3665622.5	215.9	0.00	1.70	1.70
NO								
L0019665	0	0.17150E-07	488150.1	3665622.5	215.9	0.00	1.70	1.70
NO								
L0019666	0	0.17150E-07	488146.5	3665622.5	215.9	0.00	1.70	1.70
NO								
L0019667	0	0.17150E-07	488142.8	3665622.5	215.9	0.00	1.70	1.70
NO								
L0019668	0	0.17150E-07	488139.2	3665622.5	215.8	0.00	1.70	1.70
NO								
L0019669	0	0.17150E-07	488135.5	3665622.5	215.8	0.00	1.70	1.70
NO								
L0019670	0	0.17150E-07	488131.9	3665622.5	215.8	0.00	1.70	1.70
NO								
L0019671	0	0.17150E-07	488128.2	3665622.5	215.8	0.00	1.70	1.70
NO								
L0019672	0	0.17150E-07	488124.5	3665622.5	215.8	0.00	1.70	1.70
NO								
L0019673	0	0.17150E-07	488120.9	3665622.5	215.8	0.00	1.70	1.70
NO								
L0019674	0	0.17150E-07	488117.2	3665622.5	215.8	0.00	1.70	1.70
NO								
L0019675	0	0.17150E-07	488113.6	3665622.5	215.8	0.00	1.70	1.70
NO								
L0019676	0	0.17150E-07	488109.9	3665622.5	215.8	0.00	1.70	1.70
NO								

L0019677	0	0.17150E-07	488106.3	3665622.5	215.9	0.00	1.70	1.70
NO								
L0019678	0	0.17150E-07	488102.6	3665622.5	215.9	0.00	1.70	1.70
NO								
L0019679	0	0.17150E-07	488098.9	3665622.5	215.9	0.00	1.70	1.70
NO								
L0019680	0	0.17150E-07	488095.3	3665622.5	215.9	0.00	1.70	1.70
NO								
L0019681	0	0.17150E-07	488091.6	3665622.5	216.0	0.00	1.70	1.70
NO								
L0019682	0	0.17150E-07	488088.0	3665622.5	216.0	0.00	1.70	1.70
NO								
L0019683	0	0.17150E-07	488084.3	3665622.5	216.1	0.00	1.70	1.70
NO								
L0019684	0	0.17150E-07	488080.7	3665622.5	216.2	0.00	1.70	1.70
NO								
L0019685	0	0.17150E-07	488077.0	3665622.5	216.3	0.00	1.70	1.70
NO								
L0019686	0	0.17150E-07	488073.3	3665622.5	216.4	0.00	1.70	1.70
NO								
L0019687	0	0.17150E-07	488069.9	3665623.8	216.4	0.00	1.70	1.70
NO								
L0019688	0	0.17150E-07	488066.5	3665625.0	216.5	0.00	1.70	1.70
NO								
L0019689	0	0.17150E-07	488063.0	3665626.3	216.5	0.00	1.70	1.70
NO								

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\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE SCALAR VARY			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.								
L0019690	0	0.17150E-07	488059.6	3665627.5	216.6	0.00	1.70	1.70	
NO									
L0019691	0	0.17150E-07	488056.2	3665628.8	216.7	0.00	1.70	1.70	
NO									
L0019692	0	0.17150E-07	488052.7	3665630.0	216.8	0.00	1.70	1.70	
NO									
L0019693	0	0.17150E-07	488049.4	3665631.6	216.9	0.00	1.70	1.70	
NO									
L0019694	0	0.17150E-07	488046.6	3665633.9	216.9	0.00	1.70	1.70	
NO									
L0019695	0	0.17150E-07	488043.8	3665636.2	217.0	0.00	1.70	1.70	
NO									
L0019696	0	0.17150E-07	488041.0	3665638.5	217.1	0.00	1.70	1.70	
NO									
L0019697	0	0.17150E-07	488038.1	3665640.9	217.4	0.00	1.70	1.70	
NO									
L0019698	0	0.17150E-07	488035.3	3665643.2	217.6	0.00	1.70	1.70	

NO								
L0019699	0	0.17150E-07	488032.5	3665645.5	217.8	0.00	1.70	1.70
NO								
L0019700	0	0.17150E-07	488029.7	3665647.8	217.9	0.00	1.70	1.70
NO								
L0019701	0	0.17150E-07	488026.8	3665650.1	218.1	0.00	1.70	1.70
NO								
L0019702	0	0.17150E-07	488024.0	3665652.5	218.1	0.00	1.70	1.70
NO								
L0019703	0	0.17150E-07	488021.2	3665654.8	218.2	0.00	1.70	1.70
NO								
L0019704	0	0.17150E-07	488018.7	3665657.4	218.2	0.00	1.70	1.70
NO								
L0019705	0	0.17150E-07	488017.2	3665660.7	218.0	0.00	1.70	1.70
NO								
L0019706	0	0.17150E-07	488015.7	3665664.0	218.1	0.00	1.70	1.70
NO								
L0019707	0	0.17150E-07	488014.1	3665667.3	218.3	0.00	1.70	1.70
NO								
L0019708	0	0.17150E-07	488012.6	3665670.7	218.4	0.00	1.70	1.70
NO								
L0019709	0	0.17150E-07	488011.1	3665674.0	218.5	0.00	1.70	1.70
NO								
L0019710	0	0.17150E-07	488009.6	3665677.3	218.6	0.00	1.70	1.70
NO								
L0019711	0	0.17150E-07	488008.1	3665680.7	218.7	0.00	1.70	1.70
NO								
L0019712	0	0.17150E-07	488006.6	3665684.0	218.8	0.00	1.70	1.70
NO								
L0019713	0	0.17150E-07	488005.0	3665687.3	218.9	0.00	1.70	1.70
NO								
L0019714	0	0.17150E-07	488003.5	3665690.6	218.9	0.00	1.70	1.70
NO								
L0019715	0	0.17150E-07	488003.5	3665694.3	218.7	0.00	1.70	1.70
NO								
L0019716	0	0.17150E-07	488003.5	3665698.0	218.5	0.00	1.70	1.70
NO								

L0019717	0	0.17150E-07	488003.6	3665701.6	218.4	0.00	1.70	1.70
NO								
L0019718	0	0.17150E-07	488003.6	3665705.3	218.2	0.00	1.70	1.70
NO								
L0019719	0	0.17150E-07	488003.6	3665708.9	218.0	0.00	1.70	1.70
NO								
L0019720	0	0.17150E-07	488003.7	3665712.6	217.8	0.00	1.70	1.70
NO								
L0019721	0	0.17150E-07	488003.7	3665716.2	217.6	0.00	1.70	1.70
NO								
L0019722	0	0.17150E-07	488003.7	3665719.9	217.4	0.00	1.70	1.70
NO								
L0019723	0	0.17150E-07	488003.8	3665723.6	217.2	0.00	1.70	1.70
NO								
L0019724	0	0.17150E-07	488003.8	3665727.2	217.0	0.00	1.70	1.70
NO								
L0019725	0	0.17150E-07	488003.8	3665730.9	216.8	0.00	1.70	1.70
NO								
L0019726	0	0.17150E-07	488003.9	3665734.5	216.6	0.00	1.70	1.70
NO								
L0019727	0	0.17150E-07	488003.9	3665738.2	216.4	0.00	1.70	1.70
NO								
L0019728	0	0.17150E-07	488003.9	3665741.8	216.2	0.00	1.70	1.70
NO								
L0019729	0	0.17150E-07	488004.0	3665745.5	216.0	0.00	1.70	1.70
NO								

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\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE SCALAR VARY			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.								
L0019730	0	0.17150E-07	488004.0	3665749.2	215.8	0.00	1.70	1.70	
NO									
L0019731	0	0.17150E-07	488004.0	3665752.8	215.6	0.00	1.70	1.70	
NO									
L0019732	0	0.17150E-07	488004.1	3665756.5	215.5	0.00	1.70	1.70	
NO									
L0019733	0	0.17150E-07	488004.1	3665760.1	215.4	0.00	1.70	1.70	
NO									
L0019734	0	0.17150E-07	488004.1	3665763.8	215.3	0.00	1.70	1.70	
NO									
L0019735	0	0.17150E-07	488004.2	3665767.4	215.2	0.00	1.70	1.70	
NO									
L0019736	0	0.17150E-07	488004.2	3665771.1	215.1	0.00	1.70	1.70	
NO									
L0019737	0	0.17150E-07	488004.2	3665774.8	215.0	0.00	1.70	1.70	
NO									
L0019738	0	0.17150E-07	488004.3	3665778.4	214.8	0.00	1.70	1.70	



NO								
L0019739	0	0.17150E-07	488004.3	3665782.1	214.7	0.00	1.70	1.70
NO								
L0019740	0	0.17150E-07	488004.4	3665785.7	214.6	0.00	1.70	1.70
NO								
L0019741	0	0.17150E-07	488004.4	3665789.4	214.5	0.00	1.70	1.70
NO								
L0019742	0	0.17150E-07	488004.4	3665793.0	214.5	0.00	1.70	1.70
NO								
L0019743	0	0.17150E-07	488004.5	3665796.7	214.4	0.00	1.70	1.70
NO								
L0019744	0	0.17150E-07	488004.5	3665800.4	214.3	0.00	1.70	1.70
NO								
L0019745	0	0.17150E-07	488004.5	3665804.0	214.2	0.00	1.70	1.70
NO								
L0019746	0	0.17150E-07	488004.6	3665807.7	214.1	0.00	1.70	1.70
NO								
L0019747	0	0.17150E-07	488004.6	3665811.3	214.1	0.00	1.70	1.70
NO								
L0019748	0	0.17150E-07	488004.6	3665815.0	213.9	0.00	1.70	1.70
NO								
L0019749	0	0.17150E-07	488004.7	3665818.6	213.8	0.00	1.70	1.70
NO								
L0019750	0	0.17150E-07	488004.7	3665822.3	213.6	0.00	1.70	1.70
NO								
L0019751	0	0.17150E-07	488004.7	3665826.0	213.4	0.00	1.70	1.70
NO								
L0019752	0	0.17150E-07	488004.8	3665829.6	213.2	0.00	1.70	1.70
NO								
L0019753	0	0.17150E-07	488004.8	3665833.3	213.1	0.00	1.70	1.70
NO								
L0019754	0	0.17150E-07	488004.8	3665836.9	212.9	0.00	1.70	1.70
NO								
L0019755	0	0.17150E-07	488004.9	3665840.6	212.7	0.00	1.70	1.70
NO								
L0019756	0	0.17150E-07	488004.9	3665844.2	212.6	0.00	1.70	1.70
NO								

L0019757	0	0.17150E-07	488004.9	3665847.9	212.5	0.00	1.70	1.70
NO								
L0019758	0	0.17150E-07	488005.0	3665851.6	212.4	0.00	1.70	1.70
NO								
L0019759	0	0.17150E-07	488005.0	3665855.2	212.3	0.00	1.70	1.70
NO								
L0019760	0	0.17150E-07	488005.0	3665858.9	212.2	0.00	1.70	1.70
NO								
L0019761	0	0.17150E-07	488005.1	3665862.5	212.1	0.00	1.70	1.70
NO								
L0019762	0	0.17150E-07	488005.1	3665866.2	212.0	0.00	1.70	1.70
NO								
L0019763	0	0.17150E-07	488005.1	3665869.9	211.9	0.00	1.70	1.70
NO								
L0019764	0	0.17150E-07	488005.2	3665873.5	211.9	0.00	1.70	1.70
NO								
L0019765	0	0.17150E-07	488005.2	3665877.2	211.8	0.00	1.70	1.70
NO								
L0019766	0	0.17150E-07	488005.2	3665880.8	211.7	0.00	1.70	1.70
NO								
L0019767	0	0.17150E-07	488005.3	3665884.5	211.6	0.00	1.70	1.70
NO								
L0019768	0	0.17150E-07	488005.3	3665888.1	211.5	0.00	1.70	1.70
NO								
L0019769	0	0.17150E-07	488005.3	3665891.8	211.4	0.00	1.70	1.70
NO								

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\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE SCALAR VARY			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.								
BY									
L0019770	0	0.17150E-07	488005.4	3665895.5	211.3	0.00	1.70	1.70	
NO									
L0019771	0	0.17150E-07	488005.4	3665899.1	211.2	0.00	1.70	1.70	
NO									
L0019772	0	0.17150E-07	488005.4	3665902.8	211.1	0.00	1.70	1.70	
NO									
L0019773	0	0.17150E-07	488005.5	3665906.4	211.1	0.00	1.70	1.70	
NO									
L0019774	0	0.17150E-07	488005.5	3665910.1	211.0	0.00	1.70	1.70	
NO									
L0019775	0	0.17150E-07	488005.5	3665913.7	210.9	0.00	1.70	1.70	
NO									
L0019776	0	0.17150E-07	488005.6	3665917.4	210.9	0.00	1.70	1.70	
NO									
L0019777	0	0.17150E-07	488005.6	3665921.1	210.8	0.00	1.70	1.70	
NO									
L0019778	0	0.17150E-07	488005.6	3665924.7	210.8	0.00	1.70	1.70	

NO								
L0019779	0	0.17150E-07	488005.7	3665928.4	210.7	0.00	1.70	1.70
NO								
L0019780	0	0.17150E-07	488005.7	3665932.0	210.7	0.00	1.70	1.70
NO								
L0019781	0	0.17150E-07	488005.7	3665935.7	210.6	0.00	1.70	1.70
NO								
L0019782	0	0.17150E-07	488005.8	3665939.3	210.5	0.00	1.70	1.70
NO								
L0019783	0	0.17150E-07	488005.8	3665943.0	210.5	0.00	1.70	1.70
NO								
L0019784	0	0.17150E-07	488005.8	3665946.7	210.4	0.00	1.70	1.70
NO								
L0019785	0	0.17150E-07	488005.9	3665950.3	210.3	0.00	1.70	1.70
NO								
L0019786	0	0.17150E-07	488005.9	3665954.0	210.2	0.00	1.70	1.70
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L0019787	0	0.17150E-07	488005.9	3665957.6	210.2	0.00	1.70	1.70
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L0019788	0	0.17150E-07	488006.0	3665961.3	210.1	0.00	1.70	1.70
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L0019789	0	0.17150E-07	488006.0	3665964.9	210.0	0.00	1.70	1.70
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L0019790	0	0.17150E-07	488006.0	3665968.6	209.9	0.00	1.70	1.70
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L0019791	0	0.17150E-07	488006.1	3665972.3	209.9	0.00	1.70	1.70
NO								
L0019792	0	0.17150E-07	488006.1	3665975.9	209.8	0.00	1.70	1.70
NO								
L0019793	0	0.17150E-07	488006.1	3665979.6	209.7	0.00	1.70	1.70
NO								
L0019794	0	0.17150E-07	488006.2	3665983.2	209.6	0.00	1.70	1.70
NO								
L0019795	0	0.17150E-07	488006.2	3665986.9	209.5	0.00	1.70	1.70
NO								
L0019796	0	0.17150E-07	488006.2	3665990.5	209.4	0.00	1.70	1.70
NO								

L0019797	0	0.17150E-07	488006.3	3665994.2	209.4	0.00	1.70	1.70
NO								
L0019798	0	0.17150E-07	488006.3	3665997.9	209.3	0.00	1.70	1.70
NO								
L0019799	0	0.17150E-07	488006.3	3666001.5	209.2	0.00	1.70	1.70
NO								
L0019800	0	0.17150E-07	488006.4	3666005.2	209.2	0.00	1.70	1.70
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L0019801	0	0.17150E-07	488006.4	3666008.8	209.2	0.00	1.70	1.70
NO								
L0019802	0	0.17150E-07	488006.4	3666012.5	209.1	0.00	1.70	1.70
NO								
L0019803	0	0.17150E-07	488006.5	3666016.1	209.1	0.00	1.70	1.70
NO								
L0019804	0	0.17150E-07	488004.1	3666018.3	209.2	0.00	1.70	1.70
NO								
L0019805	0	0.17150E-07	488000.8	3666020.0	209.3	0.00	1.70	1.70
NO								
L0019806	0	0.17150E-07	487997.5	3666021.7	209.3	0.00	1.70	1.70
NO								
L0019807	0	0.17150E-07	487994.3	3666023.3	209.4	0.00	1.70	1.70
NO								
L0019808	0	0.17150E-07	487991.0	3666025.0	209.4	0.00	1.70	1.70
NO								
L0019809	0	0.17150E-07	487987.8	3666026.6	209.5	0.00	1.70	1.70
NO								

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 \*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.								
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NO									
L0019811	0	0.17150E-07	487981.3	3666030.0	209.7	0.00	1.70	1.70	
NO									
L0019812	0	0.17150E-07	487978.0	3666031.6	209.9	0.00	1.70	1.70	
NO									
L0019813	0	0.17150E-07	487974.7	3666033.3	210.1	0.00	1.70	1.70	
NO									
L0019814	0	0.17150E-07	487971.5	3666035.0	210.3	0.00	1.70	1.70	
NO									
L0019815	0	0.17150E-07	487968.2	3666036.6	210.5	0.00	1.70	1.70	
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L0019816	0	0.17150E-07	487965.0	3666038.3	210.7	0.00	1.70	1.70	
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L0019817	0	0.17150E-07	487961.7	3666039.9	210.8	0.00	1.70	1.70	
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L0019818	0	0.17150E-07	487958.5	3666041.6	210.9	0.00	1.70	1.70	

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L0019819	0	0.17150E-07	487955.2	3666043.3	211.0	0.00	1.70	1.70
NO								
L0019820	0	0.17150E-07	487951.9	3666044.9	211.0	0.00	1.70	1.70
NO								
L0019821	0	0.17150E-07	487948.7	3666046.6	211.1	0.00	1.70	1.70
NO								
L0019822	0	0.17150E-07	487945.4	3666048.3	211.2	0.00	1.70	1.70
NO								
L0019823	0	0.17150E-07	487942.2	3666049.9	211.3	0.00	1.70	1.70
NO								
L0019824	0	0.17150E-07	487938.9	3666051.6	211.4	0.00	1.70	1.70
NO								
L0019825	0	0.17150E-07	487935.7	3666053.2	211.5	0.00	1.70	1.70
NO								
L0019826	0	0.17150E-07	487932.4	3666054.9	211.7	0.00	1.70	1.70
NO								
L0019827	0	0.17150E-07	487929.1	3666056.6	211.9	0.00	1.70	1.70
NO								
L0019828	0	0.17150E-07	487925.9	3666058.2	212.1	0.00	1.70	1.70
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L0019829	0	0.17150E-07	487922.6	3666059.9	212.4	0.00	1.70	1.70
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L0019830	0	0.17150E-07	487919.4	3666061.6	212.6	0.00	1.70	1.70
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L0019831	0	0.17150E-07	487916.1	3666063.2	212.8	0.00	1.70	1.70
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L0019832	0	0.17150E-07	487912.8	3666064.9	212.9	0.00	1.70	1.70
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L0019833	0	0.17150E-07	487909.6	3666066.5	213.0	0.00	1.70	1.70
NO								
L0019834	0	0.17150E-07	487906.3	3666068.2	213.1	0.00	1.70	1.70
NO								
L0019835	0	0.17150E-07	487903.1	3666069.9	213.1	0.00	1.70	1.70
NO								
L0019836	0	0.17150E-07	487899.8	3666071.5	213.2	0.00	1.70	1.70
NO								

L0019837	0	0.17150E-07	487896.6	3666073.2	213.3	0.00	1.70	1.70
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L0019838	0	0.17150E-07	487893.3	3666074.9	213.4	0.00	1.70	1.70
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L0019839	0	0.17150E-07	487890.0	3666076.5	213.5	0.00	1.70	1.70
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L0019840	0	0.17150E-07	487886.8	3666078.2	213.5	0.00	1.70	1.70
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L0019841	0	0.17150E-07	487883.5	3666079.8	213.6	0.00	1.70	1.70
NO								
L0019842	0	0.17150E-07	487880.3	3666081.5	213.6	0.00	1.70	1.70
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L0019843	0	0.17150E-07	487877.0	3666083.2	213.6	0.00	1.70	1.70
NO								
L0019844	0	0.17150E-07	487873.8	3666084.8	213.7	0.00	1.70	1.70
NO								
L0019845	0	0.17150E-07	487870.5	3666086.5	213.7	0.00	1.70	1.70
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L0019846	0	0.17150E-07	487867.2	3666088.2	213.7	0.00	1.70	1.70
NO								
L0019847	0	0.17150E-07	487864.0	3666089.8	213.7	0.00	1.70	1.70
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L0019848	0	0.17150E-07	487860.7	3666091.5	213.7	0.00	1.70	1.70
NO								
L0019849	0	0.17150E-07	487857.5	3666093.2	213.6	0.00	1.70	1.70
NO								



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\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE SCALAR VARY			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
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NO									
L0019852	0	0.17150E-07	487847.7	3666098.1	213.4	0.00	1.70	1.70	
NO									
L0019853	0	0.17150E-07	487844.4	3666099.8	213.4	0.00	1.70	1.70	
NO									
L0019854	0	0.17150E-07	487841.2	3666101.5	213.4	0.00	1.70	1.70	
NO									
L0019855	0	0.17150E-07	487837.9	3666103.1	213.4	0.00	1.70	1.70	
NO									
L0019856	0	0.17150E-07	487834.7	3666104.8	213.4	0.00	1.70	1.70	
NO									
L0019857	0	0.17150E-07	487831.4	3666106.5	213.3	0.00	1.70	1.70	
NO									
L0019858	0	0.17150E-07	487828.1	3666108.1	213.2	0.00	1.70	1.70	

NO								
L0019859	0	0.17150E-07	487824.9	3666109.8	213.1	0.00	1.70	1.70
NO								
L0019860	0	0.17150E-07	487821.6	3666111.4	213.0	0.00	1.70	1.70
NO								
L0019861	0	0.17150E-07	487818.4	3666113.1	212.8	0.00	1.70	1.70
NO								
L0019862	0	0.17150E-07	487815.1	3666114.8	212.6	0.00	1.70	1.70
NO								
L0019863	0	0.17150E-07	487811.9	3666116.4	212.4	0.00	1.70	1.70
NO								
L0019864	0	0.17150E-07	487808.6	3666118.1	212.2	0.00	1.70	1.70
NO								
L0019865	0	0.17150E-07	487805.3	3666119.8	212.1	0.00	1.70	1.70
NO								
L0019866	0	0.17150E-07	487802.1	3666121.4	211.9	0.00	1.70	1.70
NO								
L0019867	0	0.17150E-07	487798.8	3666123.1	211.8	0.00	1.70	1.70
NO								
L0019868	0	0.17150E-07	487795.6	3666124.7	211.6	0.00	1.70	1.70
NO								
L0019869	0	0.17150E-07	487792.3	3666126.4	211.5	0.00	1.70	1.70
NO								
L0019870	0	0.17150E-07	487789.1	3666128.1	211.3	0.00	1.70	1.70
NO								
L0019871	0	0.17150E-07	487785.8	3666129.7	211.1	0.00	1.70	1.70
NO								
L0019872	0	0.17150E-07	487782.5	3666131.4	211.0	0.00	1.70	1.70
NO								
L0019873	0	0.17150E-07	487779.3	3666133.1	210.8	0.00	1.70	1.70
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L0019874	0	0.17150E-07	487776.0	3666134.7	210.7	0.00	1.70	1.70
NO								
L0019875	0	0.17150E-07	487772.8	3666136.4	210.5	0.00	1.70	1.70
NO								
L0019876	0	0.17150E-07	487769.5	3666138.0	210.3	0.00	1.70	1.70
NO								

L0019877	0	0.17150E-07	487766.2	3666139.7	210.1	0.00	1.70	1.70
NO								
L0019878	0	0.17150E-07	487763.0	3666141.4	209.9	0.00	1.70	1.70
NO								
L0019879	0	0.17150E-07	487759.7	3666143.0	209.7	0.00	1.70	1.70
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L0019880	0	0.17150E-07	487756.5	3666144.7	209.5	0.00	1.70	1.70
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L0019881	0	0.17150E-07	487753.2	3666146.4	209.4	0.00	1.70	1.70
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L0019883	0	0.17150E-07	487746.7	3666149.7	209.1	0.00	1.70	1.70
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L0019886	0	0.17150E-07	487736.9	3666154.7	208.6	0.00	1.70	1.70
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L0019887	0	0.17150E-07	487733.7	3666156.3	208.4	0.00	1.70	1.70
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L0019888	0	0.17150E-07	487730.4	3666158.0	208.4	0.00	1.70	1.70
NO								
L0019889	0	0.17150E-07	487727.2	3666159.7	208.5	0.00	1.70	1.70
NO								

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\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE SCALAR VARY			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.								
L0019890	0	0.17150E-07	487723.9	3666161.3	208.6	0.00	1.70	1.70	
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L0019891	0	0.17150E-07	487720.6	3666163.0	208.6	0.00	1.70	1.70	
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L0019892	0	0.17150E-07	487717.4	3666164.7	208.7	0.00	1.70	1.70	
NO									
L0019893	0	0.17150E-07	487714.1	3666166.3	208.6	0.00	1.70	1.70	
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L0019894	0	0.17150E-07	487710.9	3666168.0	208.6	0.00	1.70	1.70	
NO									
L0019895	0	0.17150E-07	487707.6	3666169.6	208.6	0.00	1.70	1.70	
NO									
L0019896	0	0.17150E-07	487704.3	3666171.3	208.4	0.00	1.70	1.70	
NO									
L0019897	0	0.17150E-07	487701.1	3666173.0	208.2	0.00	1.70	1.70	
NO									
L0019898	0	0.17150E-07	487697.8	3666174.6	208.1	0.00	1.70	1.70	

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L0019899	0	0.17150E-07	487694.6	3666176.3	207.9	0.00	1.70	1.70
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L0019906	0	0.17150E-07	487671.8	3666187.9	207.5	0.00	1.70	1.70
NO								
L0019907	0	0.17150E-07	487668.5	3666189.6	207.6	0.00	1.70	1.70
NO								
L0019908	0	0.17150E-07	487665.3	3666191.3	207.6	0.00	1.70	1.70
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L0019909	0	0.17150E-07	487662.0	3666192.9	207.6	0.00	1.70	1.70
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L0019610	,	L0019605 L0019611	,	L0019606 L0019612	,	L0019607 L0019608	, L0019609 ,
L0019618	,	L0019613 L0019619	,	L0019614 L0019620	,	L0019615 L0019616	, L0019617 ,
L0019626	,	L0019621 L0019627	,	L0019622 L0019628	,	L0019623 L0019624	, L0019625 ,
L0019634	,	L0019629 L0019635	,	L0019630 L0019636	,	L0019631 L0019632	, L0019633 ,
L0019642	,	L0019637 L0019643	,	L0019638 L0019644	,	L0019639 L0019640	, L0019641 ,
L0019650	,	L0019645 L0019651	,	L0019646 L0019652	,	L0019647 L0019648	, L0019649 ,
L0019658	,	L0019653 L0019659	,	L0019654 L0019660	,	L0019655 L0019656	, L0019657 ,
L0019666	,	L0019661 L0019667	,	L0019662 L0019668	,	L0019663 L0019664	, L0019665 ,
L0019674	,	L0019669 L0019675	,	L0019670 L0019676	,	L0019671 L0019672	, L0019673 ,
L0019682	,	L0019677 L0019683	,	L0019678 L0019684	,	L0019679 L0019680	, L0019681 ,





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 \*\*\* MODELOPTs:        RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID	SOURCE IDs									
-----	-----									
L0019690	L0019685	,	L0019686	,	L0019687	,	L0019688	,	L0019689	,
	, L0019691		, L0019692		,					
L0019698	L0019693	,	L0019694	,	L0019695	,	L0019696	,	L0019697	,
	, L0019699		, L0019700		,					
L0019706	L0019701	,	L0019702	,	L0019703	,	L0019704	,	L0019705	,
	, L0019707		, L0019708		,					
L0019714	L0019709	,	L0019710	,	L0019711	,	L0019712	,	L0019713	,
	, L0019715		, L0019716		,					
L0019722	L0019717	,	L0019718	,	L0019719	,	L0019720	,	L0019721	,
	, L0019723		, L0019724		,					
L0019730	L0019725	,	L0019726	,	L0019727	,	L0019728	,	L0019729	,
	, L0019731		, L0019732		,					
L0019738	L0019733	,	L0019734	,	L0019735	,	L0019736	,	L0019737	,
	, L0019739		, L0019740		,					
	L0019741	,	L0019742	,	L0019743	,	L0019744	,	L0019745	,

L0019746	,	L0019747	,	L0019748	,		
L0019754	,	L0019749 L0019755	,	L0019750 L0019756	,	L0019751 L0019752	, L0019753 ,
L0019762	,	L0019757 L0019763	,	L0019758 L0019764	,	L0019759 L0019760	, L0019761 ,
L0019770	,	L0019765 L0019771	,	L0019766 L0019772	,	L0019767 L0019768	, L0019769 ,
L0019778	,	L0019773 L0019779	,	L0019774 L0019780	,	L0019775 L0019776	, L0019777 ,
L0019786	,	L0019781 L0019787	,	L0019782 L0019788	,	L0019783 L0019784	, L0019785 ,
L0019794	,	L0019789 L0019795	,	L0019790 L0019796	,	L0019791 L0019792	, L0019793 ,
L0019802	,	L0019797 L0019803	,	L0019798 L0019804	,	L0019799 L0019800	, L0019801 ,
L0019810	,	L0019805 L0019811	,	L0019806 L0019812	,	L0019807 L0019808	, L0019809 ,
L0019818	,	L0019813 L0019819	,	L0019814 L0019820	,	L0019815 L0019816	, L0019817 ,
L0019826	,	L0019821 L0019827	,	L0019822 L0019828	,	L0019823 L0019824	, L0019825 ,
L0019834	,	L0019829 L0019835	,	L0019830 L0019836	,	L0019831 L0019832	, L0019833 ,
L0019842	,	L0019837 L0019843	,	L0019838 L0019844	,	L0019839 L0019840	, L0019841 ,



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*** MODELOPTs:   RegDEFAULT CONC ELEV RURAL ADJ_U*

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\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID	SOURCE IDs									
-----	-----									
L0019850	L0019845	,	L0019846	,	L0019847	,	L0019848	,	L0019849	,
	, L0019851	,	, L0019852	,		,		,		,
L0019858	L0019853	,	L0019854	,	L0019855	,	L0019856	,	L0019857	,
	, L0019859	,	, L0019860	,		,		,		,
L0019866	L0019861	,	L0019862	,	L0019863	,	L0019864	,	L0019865	,
	, L0019867	,	, L0019868	,		,		,		,
L0019874	L0019869	,	L0019870	,	L0019871	,	L0019872	,	L0019873	,
	, L0019875	,	, L0019876	,		,		,		,
L0019882	L0019877	,	L0019878	,	L0019879	,	L0019880	,	L0019881	,
	, L0019883	,	, L0019884	,		,		,		,
L0019890	L0019885	,	L0019886	,	L0019887	,	L0019888	,	L0019889	,
	, L0019891	,	, L0019892	,		,		,		,
L0019898	L0019893	,	L0019894	,	L0019895	,	L0019896	,	L0019897	,
	, L0019899	,	, L0019900	,		,		,		,
	L0019901	,	L0019902	,	L0019903	,	L0019904	,	L0019905	,

L0019906 , L0019907 , L0019908 ,  
L0019914 , L0019915 , L0019916 ,  
L0019917 , L0019918 , L0019919 , L0019920 ,  
L0019909 , L0019910 , L0019911 , L0019912 , L0019913 ,

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART \*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*  
(METERS)

487607.9, 487653.4, 487698.8, 487744.2, 487789.7, 487835.1, 487880.5,  
487925.9, 487971.4, 488016.8,  
488062.2, 488107.7, 488153.1, 488198.5, 488244.0,

\*\*\* Y-COORDINATES OF GRID \*\*\*  
(METERS)

3665594.4, 3665639.2, 3665684.0, 3665728.8, 3665773.6, 3665818.4, 3665863.2,  
3665908.0, 3665952.8, 3665997.6,  
3666042.4, 3666087.2, 3666132.0, 3666176.8, 3666221.6,

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\*\*\* MODELOPTs:        RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* NETWORK ID: UCART1    ;    NETWORK TYPE: GRIDCART \*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)		487607.93	487653.36	487698.79	487744.22	487789.65
487835.08	487880.51	487925.94	487971.37			
-----						
3666221.59		208.10	206.80	207.70	209.30	210.90
213.60	213.00	213.50	211.20			
3666176.79		208.40	208.10	208.00	208.70	211.20
213.40	212.60	211.60	209.60			
3666131.99		208.40	208.40	209.40	209.70	211.30
214.10	213.60	211.80	209.70			
3666087.19		209.20	209.30	210.20	210.80	211.50
212.80	213.70	212.70	210.20			
3666042.39		210.00	210.10	211.20	211.50	212.30
213.40	213.10	211.60	210.40			
3665997.59		210.90	211.00	211.90	212.40	213.30
214.50	213.30	211.80	210.80			
3665952.79		213.00	213.10	212.60	213.10	214.30
215.60	214.30	211.80	211.40			
3665907.99		217.00	215.00	213.40	213.50	215.10
216.50	215.70	212.10	211.60			
3665863.19		219.60	220.30	219.80	219.20	218.90
218.40	217.10	212.50	212.00			
3665818.39		227.00	231.30	229.50	225.20	222.60



220.60	219.30	216.50	214.90			
3665773.59		227.20	231.20	234.10	228.10	224.60
222.60	221.10	218.10	216.60			
3665728.79		231.90	232.90	236.40	231.90	228.10
225.90	223.40	220.50	218.70			
3665683.99		234.40	235.70	241.30	236.90	232.70
229.10	226.10	223.00	220.90			
3665639.19		235.40	238.50	245.50	241.30	236.10
232.00	228.60	225.20	223.00			
3665594.39		236.30	238.20	245.30	242.40	237.00
233.00	229.80	225.40	224.20			

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\*\*\* MODELOPTs:        RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* NETWORK ID: UCART1    ;    NETWORK TYPE: GRIDCART \*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
488243.95	488016.80	488062.23	488107.66	488153.09	488198.52
-----					
3666221.59	209.50	215.50	217.00	218.50	221.40
224.60					
3666176.79	208.60	209.90	213.70	215.80	216.10
218.20					
3666131.99	209.00	209.30	211.20	213.40	214.70
215.60					
3666087.19	209.40	209.90	210.40	212.20	214.00
214.40					
3666042.39	209.00	208.80	209.90	211.60	213.10
213.80					
3665997.59	208.50	208.60	209.60	210.40	211.60
213.00					
3665952.79	209.30	209.20	209.10	209.60	210.70
211.90					
3665907.99	210.50	209.80	209.80	209.60	209.70
210.30					
3665863.19	212.00	211.70	211.50	210.70	210.90
210.40					
3665818.39	213.40	213.20	212.60	211.90	211.70

211.30						
3665773.59	214.40	215.20	213.60	212.30	212.00	
212.20						
3665728.79	216.40	216.50	215.10	214.80	215.20	
215.40						
3665683.99	218.00	216.50	215.80	215.80	216.20	
216.40						
3665639.19	220.00	216.50	215.90	215.90	216.10	
216.30						
3665594.39	221.30	216.90	216.10	216.30	216.40	
216.40						

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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* NETWORK ID: UCART1    ;    NETWORK TYPE: GRIDCART \*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)					X-COORD (METERS)	
487835.08	487880.51	487925.94	487971.37		487744.22	487789.65
-----						
3666221.59	213.60	265.00	206.80	211.80	214.40	215.10
3666176.79	213.40	265.00	208.10	208.00	208.70	211.20
3666131.99	214.10	265.00	208.40	209.40	209.70	211.30
3666087.19	212.80	265.00	209.30	210.20	210.80	211.50
3666042.39	213.40	235.60	235.60	235.60	235.60	212.30
3665997.59	214.50	236.50	245.60	245.60	235.60	235.60
3665952.79	215.60	247.80	247.80	247.80	247.80	247.80
3665907.99	247.80	247.80	247.80	247.80	247.80	247.80
3665863.19	247.80	247.80	247.80	247.80	247.80	247.80
3665818.39	247.80	245.60	235.60	245.60	247.80	247.80

247.80	247.80	247.80	247.80			
3665773.59		247.80	247.80	245.60	247.80	247.80
247.80	247.80	247.80	247.80			
3665728.79		247.80	247.80	247.80	247.80	247.80
247.80	247.80	247.80	247.80			
3665683.99		247.80	247.80	247.80	247.80	247.80
247.80	247.80	247.80	220.90			
3665639.19		247.80	247.80	247.80	247.80	247.80
247.80	248.60	247.80	224.40			
3665594.39		247.80	247.80	246.80	247.80	248.60
248.60	248.60	248.60	247.80			

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\*\*\* MODELOPTs:        RegDFault    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* NETWORK ID: UCART1    ;    NETWORK TYPE: GRIDCART \*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
488243.95	488016.80	488062.23	488107.66	488153.09	488198.52
-----					
3666221.59	229.10	217.20	224.90	227.30	225.20
224.60					
3666176.79	217.20	227.30	225.20	225.20	225.30
225.30					
3666131.99	209.00	209.30	224.90	224.90	225.30
225.30					
3666087.19	209.40	209.90	210.40	212.20	214.00
214.40					
3666042.39	209.00	208.80	209.90	211.60	213.10
213.80					
3665997.59	208.50	208.60	209.60	210.40	211.60
213.00					
3665952.79	209.30	209.20	209.10	209.60	210.70
211.90					
3665907.99	210.50	209.80	209.80	209.60	209.70
210.30					
3665863.19	212.00	211.70	211.50	210.70	210.90
210.40					
3665818.39	213.40	213.20	212.60	211.90	211.70

211.30						
3665773.59	214.40	215.20	213.60	212.30	212.00	
212.20						
3665728.79	216.40	216.50	215.10	214.80	216.10	
216.50						
3665683.99	218.00	216.50	215.80	215.80	264.60	
265.70						
3665639.19	221.00	216.50	264.60	265.70	270.40	
270.40						
3665594.39	221.30	248.70	267.30	270.40	270.40	
270.40						

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 487873.7, 3665842.0,	218.3,	247.8,	0.0);	( 487872.9, 3665771.1,
221.4, 247.8,	0.0);			
( 487872.3, 3665707.1,	225.3,	247.8,	0.0);	( 487875.0, 3665812.6,
219.5, 247.8,	0.0);			
( 487874.2, 3666069.4,	213.6,	213.6,	0.0);	( 487777.1, 3666121.6,
210.8, 210.8,	0.0);			



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\*\*\* MODELOPTs:    RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE  
 PERFORMED \*  
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR  
 FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)    YR (METERS)		DISTANCE (METERS)
L0019545	487971.4	3665773.6	-0.22
L0019557	487971.4	3665818.4	-1.00
L0019558	487971.4	3665818.4	-0.18
L0019870	487789.7	3666132.0	0.31
L0019871	487789.7	3666132.0	0.81
L0019897	487698.8	3666176.8	0.81
L0019898	487698.8	3666176.8	-1.29
L0019899	487698.8	3666176.8	0.59



1.54, 3.09, 5.14, 8.23, 10.80,

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA \*\*\*

Surface file: MissionViejoADJU\MSVJ\_V9\_ADJU\MSVJ\_v9.SFC  
 Met Version: 16216  
 Profile file: MissionViejoADJU\MSVJ\_V9\_ADJU\MSVJ\_v9.PFL  
 Surface format: FREE  
 Profile format: FREE  
 Surface station no.: 93184 Upper air station no.: 3190  
 Name: UNKNOWN Name: UNKNOWN  
 Year: 2011 Year: 2011

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF
WS	WD	HT	REF	TA	HT											
11	01	01	1	01	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
1.30	54.			9.1	999.0	-9.0										
11	01	01	1	02	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
0.90	190.			9.1	999.0	-9.0										
11	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
0.90	133.			9.1	999.0	-9.0										
11	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
999.00	999.			-9.0	999.0	-9.0										
11	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
999.00	999.			-9.0	999.0	-9.0										
11	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
0.90	151.			9.1	999.0	-9.0										
11	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		

0.90	42.	9.1	999.0	-9.0								
11 01 01	1 08	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.53	
0.90	28.	9.1	999.0	-9.0								
11 01 01	1 09	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.31	
0.90	95.	9.1	999.0	-9.0								
11 01 01	1 10	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.24	
0.90	211.	9.1	999.0	-9.0								
11 01 01	1 11	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.21	
1.30	258.	9.1	999.0	-9.0								
11 01 01	1 12	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.20	
1.30	268.	9.1	999.0	-9.0								
11 01 01	1 13	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.20	
1.30	220.	9.1	999.0	-9.0								
11 01 01	1 14	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.21	
1.30	247.	9.1	999.0	-9.0								
11 01 01	1 15	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.25	
1.30	249.	9.1	999.0	-9.0								
11 01 01	1 16	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.33	
2.20	209.	9.1	999.0	-9.0								
11 01 01	1 17	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.61	
1.30	196.	9.1	999.0	-9.0								
11 01 01	1 18	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00	
0.90	132.	9.1	999.0	-9.0								
11 01 01	1 19	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00	
0.90	91.	9.1	999.0	-9.0								
11 01 01	1 20	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00	
0.90	67.	9.1	999.0	-9.0								
11 01 01	1 21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00	
0.90	72.	9.1	999.0	-9.0								
11 01 01	1 22	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00	
0.90	65.	9.1	999.0	-9.0								
11 01 01	1 23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00	
0.90	61.	9.1	999.0	-9.0								
11 01 01	1 24	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00	
0.90	41.	9.1	999.0	-9.0								

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
11	01	01	01	5.5	0	-999.	-99.00	-999.0	99.0	-99.00	-99.00
11	01	01	01	9.1	1	54.	1.30	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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\*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION    VALUES FOR  
 SOURCE GROUP: ALL            \*\*\*  
    INCLUDING SOURCE(S):      IDLE1            , IDLE2            ,  
 IDLE3            , IDLE4            , IDLE5            ,  
    L0019530            , L0019531            , L0019532            , L0019533            , L0019534            ,  
 L0019535            , L0019536            , L0019537            ,  
    L0019538            , L0019539            , L0019540            , L0019541            , L0019542            ,  
 L0019543            , L0019544            , L0019545            ,  
    L0019546            , L0019547            , L0019548            , L0019549            , L0019550            ,  
 L0019551            , L0019552            , . . .            ,

\*\*\* NETWORK ID: UCART1    ;    NETWORK TYPE: GRIDCART \*\*\*

\*\* CONC OF DPM            IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)					X-COORD (METERS)	
487835.08	487880.51	487925.94	487971.37		487744.22	487789.65
-----						
3666221.59	0.00042	0.00069	0.00046		0.00037	0.00032
0.00029	0.00027	0.00024	0.00022			
3666176.79	0.00038	0.00083	0.00143		0.00081	0.00052
0.00041	0.00035	0.00031	0.00027			
3666131.99	0.00026	0.00035	0.00052		0.00098	0.00173
0.00082	0.00055	0.00043	0.00035			
3666087.19	0.00021	0.00026	0.00032		0.00041	0.00059

0.00110	0.00229	0.00083	0.00054			
3666042.39		0.00019	0.00022	0.00025	0.00030	0.00037
0.00048	0.00067	0.00123	0.00204			
3665997.59		0.00018	0.00020	0.00022	0.00026	0.00030
0.00037	0.00046	0.00059	0.00088			
3665952.79		0.00017	0.00019	0.00021	0.00024	0.00028
0.00035	0.00043	0.00055	0.00083			
3665907.99		0.00017	0.00018	0.00020	0.00024	0.00029
0.00037	0.00048	0.00063	0.00091			
3665863.19		0.00017	0.00018	0.00021	0.00024	0.00031
0.00042	0.00063	0.00089	0.00116			
3665818.39		0.00017	0.00020	0.00022	0.00025	0.00033
0.00050	0.00093	0.00237	0.00279			
3665773.59		0.00017	0.00021	0.00027	0.00027	0.00035
0.00056	0.00112	0.00133	0.00296			
3665728.79		0.00019	0.00022	0.00030	0.00030	0.00035
0.00052	0.00105	0.00131	0.00310			
3665683.99		0.00020	0.00024	0.00032	0.00037	0.00036
0.00043	0.00081	0.00262	0.00176			
3665639.19		0.00020	0.00025	0.00026	0.00035	0.00033
0.00030	0.00038	0.00049	0.00058			
3665594.39		0.00019	0.00022	0.00023	0.00027	0.00024
0.00020	0.00021	0.00026	0.00030			



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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR  
 SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): IDLE1 , IDLE2 ,  
 IDLE3 , IDLE4 , IDLE5  
 L0019530 , L0019531 , L0019532 , L0019533 , L0019534 ,  
 L0019535 , L0019536 , L0019537 ,  
 L0019538 , L0019539 , L0019540 , L0019541 , L0019542 ,  
 L0019543 , L0019544 , L0019545 ,  
 L0019546 , L0019547 , L0019548 , L0019549 , L0019550 ,  
 L0019551 , L0019552 , . . . ,

\*\*\* NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART \*\*\*

\*\* CONC OF DPM IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)					
488243.95	488016.80	488062.23	488107.66	488153.09	488198.52	
3666221.59	0.00019	0.00017	0.00015	0.00013	0.00012	
0.00010						
3666176.79	0.00023	0.00019	0.00017	0.00014	0.00013	
0.00011						
3666131.99	0.00028	0.00023	0.00018	0.00016	0.00013	
0.00012						
3666087.19	0.00039	0.00027	0.00021	0.00017	0.00015	

0.00013					
3666042.39	0.00067	0.00034	0.00024	0.00019	0.00016
0.00013					
3665997.59	0.00133	0.00041	0.00027	0.00021	0.00017
0.00014					
3665952.79	0.00130	0.00045	0.00030	0.00022	0.00018
0.00015					
3665907.99	0.00133	0.00047	0.00031	0.00023	0.00018
0.00015					
3665863.19	0.00140	0.00051	0.00033	0.00024	0.00019
0.00015					
3665818.39	0.00150	0.00055	0.00035	0.00026	0.00020
0.00016					
3665773.59	0.00154	0.00058	0.00037	0.00027	0.00021
0.00017					
3665728.79	0.00156	0.00061	0.00041	0.00031	0.00025
0.00019					
3665683.99	0.00177	0.00068	0.00050	0.00041	0.00032
0.00022					
3665639.19	0.00110	0.00149	0.00113	0.00105	0.00087
0.00029					
3665594.39	0.00040	0.00056	0.00061	0.00057	0.00044
0.00026					

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR  
 SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): IDLE1 , IDLE2 ,  
 IDLE3 , IDLE4 , IDLE5  
 L0019530 , L0019531 , L0019532 , L0019533 , L0019534 ,  
 L0019535 , L0019536 , L0019537 ,  
 L0019538 , L0019539 , L0019540 , L0019541 , L0019542 ,  
 L0019543 , L0019544 , L0019545 ,  
 L0019546 , L0019547 , L0019548 , L0019549 , L0019550 ,  
 L0019551 , L0019552 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF DPM IN MICROGRAMS/M\*\*3

\*\*

CONC	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
0.00096	487873.73	3665842.05	0.00069	487872.91	3665771.15
0.00088	487872.28	3665707.10	0.00081	487875.05	3665812.63
0.00132	487874.23	3666069.42	0.00124	487777.07	3666121.60

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR  
 SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): IDLE1 , IDLE2 ,  
 IDLE3 , IDLE4 , IDLE5  
 L0019530 , L0019531 , L0019532 , L0019533 , L0019534 ,  
 L0019535 , L0019536 , L0019537 ,  
 L0019538 , L0019539 , L0019540 , L0019541 , L0019542 ,  
 L0019543 , L0019544 , L0019545 ,  
 L0019546 , L0019547 , L0019548 , L0019549 , L0019550 ,  
 L0019551 , L0019552 , . . . ,

\*\*\* NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART \*\*\*

\*\* CONC OF DPM IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)	CONC OF DPM (MICROGRAMS/M <sup>3</sup> )
487744.22	487607.93	0.00447 (14071606)
	487789.65	0.00254 (13112508)
	487653.36	0.00365 (16060306)
	487698.79	0.00289 (14101707)
3666221.6		0.00263 (11070419)
3666176.8		0.00196 (16062306)
3666132.0		0.00307 (13112508)
3666087.2		0.00198 (12100807)
		0.00203 (16062306)
		0.00289 (16120808)
		0.00745 (14050406)
		0.00220 (13020308)
		0.00344 (16120808)
		0.00727 (13012608)
		0.00207 (12120308)
		0.00208 (12100807)
		0.00206 (13032607)

0.00243 (14020608)	0.00251 (11070419)		
3666042.4	0.00207 (12120308)	0.00221 (11120208)	0.00234 (13092307)
0.00224 (14020608)	0.00254 (14020608)		
3665997.6	0.00229 (13071006)	0.00226 (13071006)	0.00252 (11120208)
0.00259 (13092307)	0.00255 (14020608)		
3665952.8	0.00233 (13092407)	0.00258 (13071006)	0.00259 (13100707)
0.00279 (13092307)	0.00267 (13092307)		
3665908.0	0.00262 (14100207)	0.00256 (13092407)	0.00275 (13092407)
0.00283 (13100707)	0.00286 (13092307)		
3665863.2	0.00263 (11052506)	0.00282 (11052506)	0.00302 (12062706)
0.00304 (13092407)	0.00281 (13100707)		
3665818.4	0.00250 (14092107)	0.00260 (16112508)	0.00271 (11052506)
0.00261 (12062706)	0.00225 (13092407)		
3665773.6	0.00240 (12032607)	0.00250 (12032607)	0.00271 (11090720)
0.00233 (13052606)	0.00183 (11052606)		
3665728.8	0.00256 (13052506)	0.00266 (13052506)	0.00333 (16061923)
0.00285 (14100407)	0.00227 (16092507)		
3665684.0	0.00265 (14100907)	0.00302 (14091621)	0.00399 (16072706)
0.00391 (12091521)	0.00323 (14092407)		
3665639.2	0.00279 (16110818)	0.00341 (14091702)	0.00633 (12071106)
0.00461 (12100121)	0.00437 (13083005)		
3665594.4	0.00288 (16111319)	0.00335 (16072401)	0.00633 (16072006)
0.00506 (16060406)	0.00471 (16091922)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
                INCLUDING SOURCE(S):  IDLE1      , IDLE2      ,
IDLE3           , IDLE4           , IDLE5           ,
                L0019530       , L0019531       , L0019532       , L0019533       , L0019534       ,
L0019535       , L0019536       , L0019537       ,
                L0019538       , L0019539       , L0019540       , L0019541       , L0019542       ,
L0019543       , L0019544       , L0019545       ,
                L0019546       , L0019547       , L0019548       , L0019549       , L0019550       ,
L0019551       , L0019552       , . . .           ,

```

\*\*\* NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART \*\*\*

\*\* CONC OF DPM IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)	CONC	LOC	CONC	LOC	CONC	LOC
487971.37	487835.08	0.00246	(16063006)	0.00254	(13092107)	0.00252	(12100507)
	488016.80	0.00227	(13020808)				
		0.00280	(12063006)	0.00279	(13092107)	0.00265	(12100507)
		0.00244	(13020808)				
		0.00381	(12063006)	0.00333	(13092107)	0.00297	(12100507)
		0.00265	(13020808)				
		0.00381	(16120808)	0.00680	(13010805)	0.00387	(12100507)

0.00281 (12100507)	0.00306 (13020808)		
3666042.4	0.00261 (11053006)	0.00271 (13092107)	0.00417 (16120808)
0.00605 (16120808)	0.00430 (13020808)		
3665997.6	0.00254 (11053006)	0.00239 (13092107)	0.00255 (14062106)
0.00304 (16120808)	0.00585 (11022821)		
3665952.8	0.00266 (13062006)	0.00248 (11012217)	0.00270 (14062106)
0.00270 (16120808)	0.00518 (13052006)		
3665908.0	0.00261 (13062006)	0.00243 (11121916)	0.00265 (11040618)
0.00288 (16120808)	0.00493 (12110923)		
3665863.2	0.00253 (11070806)	0.00246 (13011224)	0.00327 (12031405)
0.00373 (13010703)	0.00524 (16120808)		
3665818.4	0.00203 (14091207)	0.00310 (12022101)	0.00743 (16120808)
0.00931 (11080506)	0.00568 (16120808)		
3665773.6	0.00203 (13010603)	0.00335 (13010422)	0.00486 (16120808)
0.00911 (11010405)	0.00587 (16120808)		
3665728.8	0.00234 (13120907)	0.00344 (12122802)	0.00478 (16120808)
0.00918 (16120808)	0.00609 (16120808)		
3665684.0	0.00254 (12022608)	0.00343 (11121106)	0.00763 (16120808)
0.00851 (12110623)	0.00650 (16120808)		
3665639.2	0.00356 (12032707)	0.00307 (16102317)	0.00318 (12041503)
0.00392 (14041420)	0.00589 (13111904)		
3665594.4	0.00379 (12032707)	0.00298 (11061506)	0.00262 (12032722)
0.00302 (14041420)	0.00336 (12013123)		

```

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP:  ALL      ***
                INCLUDING SOURCE(S):  IDLE1      ,  IDLE2      ,
IDLE3          ,  IDLE4      ,  IDLE5
                L0019530    ,  L0019531    ,  L0019532    ,  L0019533    ,  L0019534    ,
L0019535      ,  L0019536    ,  L0019537    ,
                L0019538    ,  L0019539    ,  L0019540    ,  L0019541    ,  L0019542    ,
L0019543      ,  L0019544    ,  L0019545    ,
                L0019546    ,  L0019547    ,  L0019548    ,  L0019549    ,  L0019550    ,
L0019551      ,  L0019552    ,  . . .      ,

```

\*\*\* NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART \*\*\*

\*\* CONC OF DPM IN MICROGRAMS/M\*\*3

\*\*

```

Y-COORD |
(METERS) |           488062.23           488107.66           X-COORD (METERS)
488198.52           488243.95           488153.09
-----

```

```

3666221.6 | 0.00245 (12072206) 0.00258 (13052006) 0.00243 (13050806)
0.00249 (14071406) 0.00235 (14092307)
3666176.8 | 0.00236 (16060806) 0.00257 (13052006) 0.00249 (12042318)
0.00234 (14092307) 0.00226 (12052906)
3666132.0 | 0.00272 (13052006) 0.00245 (13052006) 0.00248 (14071406)
0.00230 (12052906) 0.00212 (12052906)
3666087.2 | 0.00304 (13052006) 0.00265 (12042318) 0.00238 (12052906)

```



0.00230 (12052906)	0.00226 (11091907)		
3666042.4	0.00296 (13052006)	0.00261 (14071406)	0.00244 (12052906)
0.00246 (14070906)	0.00229 (11100407)		
3665997.6	0.00300 (12042318)	0.00262 (12052906)	0.00267 (14070906)
0.00234 (11100407)	0.00195 (13061306)		
3665952.8	0.00284 (14070906)	0.00294 (14070906)	0.00238 (14070906)
0.00198 (14102417)	0.00205 (12120208)		
3665908.0	0.00322 (14070906)	0.00250 (14070906)	0.00212 (14040618)
0.00225 (12120208)	0.00222 (12120208)		
3665863.2	0.00256 (14070906)	0.00259 (13021008)	0.00260 (13021008)
0.00243 (13021008)	0.00215 (13021008)		
3665818.4	0.00268 (13021008)	0.00269 (13021008)	0.00244 (13021008)
0.00209 (13021008)	0.00204 (16012317)		
3665773.6	0.00293 (12090118)	0.00284 (12090118)	0.00260 (12090118)
0.00232 (12090118)	0.00206 (12090118)		
3665728.8	0.00320 (12090118)	0.00304 (12090118)	0.00284 (12090118)
0.00258 (12090118)	0.00228 (12090118)		
3665684.0	0.00328 (11102117)	0.00323 (11102117)	0.00291 (11102117)
0.00246 (11102117)	0.00203 (13102217)		
3665639.2	0.00511 (16120808)	0.00392 (16120808)	0.00362 (16120808)
0.00303 (16120808)	0.00240 (11102117)		
3665594.4	0.00385 (16081422)	0.00452 (11033007)	0.00412 (14020708)
0.00405 (11070406)	0.00372 (11012117)		

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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR  
 SOURCE GROUP: ALL                    \*\*\*  
    INCLUDING SOURCE(S):      IDLE1            ,    IDLE2            ,  
 IDLE3                    ,    IDLE4            ,    IDLE5            ,  
    L0019530            ,    L0019531            ,    L0019532            ,    L0019533            ,    L0019534            ,  
 L0019535                    ,    L0019536            ,    L0019537            ,  
    L0019538            ,    L0019539            ,    L0019540            ,    L0019541            ,    L0019542            ,  
 L0019543                    ,    L0019544            ,    L0019545            ,  
    L0019546            ,    L0019547            ,    L0019548            ,    L0019549            ,    L0019550            ,  
 L0019551                    ,    L0019552            ,    . . .            ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF DPM                    IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M) (M)	Y-COORD (M) (YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
487873.73	3665842.05	0.00251	(11020302)	487872.91	
3665771.15	0.00292 (13011106)				
487872.28	3665707.10	0.00355	(14020306)	487875.05	
3665812.63	0.00295 (11110904)				
487874.23	3666069.42	0.00424	(16120808)	487777.07	
3666121.60	0.00443 (16120808)				

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Projects\Meyers Escondido\Meyers  
 Escondido.isc \*\*\* 11/14/22  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 14:08:56

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43848 HRS)

RESULTS \*\*\*

\*\* CONC OF DPM IN MICROGRAMS/M\*\*3

\*\*

NETWORK

GROUP ID	ZFLAG)	OF TYPE	GRID-ID	AVERAGE CONC	RECEPTOR	(XR, YR, ZELEV, ZHILL,
ALL	1ST HIGHEST VALUE IS	0.00310 AT (	487971.37,	3665728.79,	218.70,	
247.80,	0.00) GC UCART1					
	2ND HIGHEST VALUE IS	0.00296 AT (	487971.37,	3665773.59,	216.60,	
247.80,	0.00) GC UCART1					
	3RD HIGHEST VALUE IS	0.00279 AT (	487971.37,	3665818.39,	214.90,	
247.80,	0.00) GC UCART1					
	4TH HIGHEST VALUE IS	0.00262 AT (	487925.94,	3665683.99,	223.00,	
247.80,	0.00) GC UCART1					
	5TH HIGHEST VALUE IS	0.00237 AT (	487925.94,	3665818.39,	216.50,	
247.80,	0.00) GC UCART1					
	6TH HIGHEST VALUE IS	0.00229 AT (	487880.51,	3666087.19,	213.70,	
213.70,	0.00) GC UCART1					
	7TH HIGHEST VALUE IS	0.00204 AT (	487971.37,	3666042.39,	210.40,	
210.40,	0.00) GC UCART1					
	8TH HIGHEST VALUE IS	0.00177 AT (	488016.80,	3665683.99,	218.00,	

218.00, 0.00) GC UCART1  
9TH HIGHEST VALUE IS 0.00176 AT ( 487971.37, 3665683.99, 220.90,  
220.90, 0.00) GC UCART1  
10TH HIGHEST VALUE IS 0.00173 AT ( 487789.65, 3666131.99, 211.30,  
211.30, 0.00) GC UCART1

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

\*\*\* AERMOD - VERSION 21112 \*\*\*    \*\*\* C:\Lakes\AERMOD View\Projects\Meyers Escondido\Meyers  
 Escondido.isc    \*\*\*                    11/14/22  
 \*\*\* AERMET - VERSION 16216 \*\*\*    \*\*\*  
 \*\*\*                    14:08:56

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 \*\*\* MODELOPTs:        RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* THE SUMMARY OF HIGHEST 1-HR RESULTS \*\*\*

\*\* CONC OF DPM                    IN MICROGRAMS/M\*\*3

\*\*

NETWORK	DATE	AVERAGE CONC	RECEPTOR (XR, YR,
GROUP ID	(YYMMDDHH)	(GRID-ID)	
ZELEV, ZHILL, ZFLAG)			
OF TYPE			

ALL            HIGH    1ST HIGH VALUE IS            0.00931    ON 11080506: AT ( 487971.37, 3665818.39,  
 214.90,        247.80,        0.00)    GC    UCART1

\*\*\* RECEPTOR TYPES:    GC = GRIDCART  
                           GP = GRIDPOLR  
                           DC = DISCCART  
                           DP = DISCPOLR

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Projects\Meyers Escondido\Meyers  
Escondido.isc \*\*\* 11/14/22  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 14:08:56

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* Message Summary : AERMOD Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
A Total of 9 Warning Message(s)  
A Total of 868 Informational Message(s)  
  
A Total of 43848 Hours Were Processed  
  
A Total of 15 Calm Hours Identified  
  
A Total of 853 Missing Hours Identified ( 1.95 Percent)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
SO W320 479 PPARAM: Input Parameter May Be Out-of-Range for Parameter  
VS  
SO W320 480 PPARAM: Input Parameter May Be Out-of-Range for Parameter  
VS  
SO W320 481 PPARAM: Input Parameter May Be Out-of-Range for Parameter  
VS  
SO W320 482 PPARAM: Input Parameter May Be Out-of-Range for Parameter  
VS  
SO W320 483 PPARAM: Input Parameter May Be Out-of-Range for Parameter

VS  
ME W186 903 MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used  
0.50  
ME W187 903 MEOPEN: ADJ\_U\* Option for Stable Low Winds used in AERMET  
MX W450 35065 CHKDAT: Record Out of Sequence in Meteorological File at:  
16010101  
MX W450 35065 CHKDAT: Record Out of Sequence in Meteorological File at: 1 year  
gap

\*\*\*\*\*  
\*\*\* AERMOD Finishes Successfully \*\*\*  
\*\*\*\*\*

```
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.0.1
** Lakes Environmental Software Inc.
** Date: 11/28/2022
** File: C:\Lakes\AERMOD View\Projects\Meyers Construction\Meyers Construction.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\Projects\Meyers Escondido - Construction\Meyers
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL "Meyers Construction.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OFFSITE
```



```

** DESCRSRC
** PREFIX
** Length of Side = 3.66
** Configuration = Adjacent
** Emission Rate = 8.354E-06
** Vertical Dimension = 3.66
** SZINIT = 1.70
** Nodes = 7
** 488221.470, 3665622.492, 216.23, 0.00, 1.70
** 488073.428, 3665622.492, 216.42, 0.00, 1.70
** 488050.163, 3665630.976, 216.97, 0.00, 1.70
** 488019.079, 3665656.507, 218.16, 0.00, 1.70
** 488003.476, 3665690.770, 218.70, 0.00, 1.70
** 488006.482, 3666017.093, 208.77, 0.00, 1.70
** 487624.553, 3666212.032, 207.56, 0.00, 1.70
** -----
LOCATION L0000001      VOLUME  488219.641 3665622.492 216.18
LOCATION L0000002      VOLUME  488215.983 3665622.492 216.16
LOCATION L0000003      VOLUME  488212.326 3665622.492 216.15
LOCATION L0000004      VOLUME  488208.668 3665622.492 216.13
LOCATION L0000005      VOLUME  488205.011 3665622.492 216.11
LOCATION L0000006      VOLUME  488201.353 3665622.492 216.10
LOCATION L0000007      VOLUME  488197.695 3665622.492 216.08
LOCATION L0000008      VOLUME  488194.038 3665622.492 216.07
LOCATION L0000009      VOLUME  488190.380 3665622.492 216.07
LOCATION L0000010      VOLUME  488186.723 3665622.492 216.07
LOCATION L0000011      VOLUME  488183.065 3665622.492 216.06
LOCATION L0000012      VOLUME  488179.407 3665622.492 216.06
LOCATION L0000013      VOLUME  488175.750 3665622.492 216.05
LOCATION L0000014      VOLUME  488172.092 3665622.492 216.05
LOCATION L0000015      VOLUME  488168.435 3665622.492 216.03
LOCATION L0000016      VOLUME  488164.777 3665622.492 216.00
LOCATION L0000017      VOLUME  488161.119 3665622.492 215.97
LOCATION L0000018      VOLUME  488157.462 3665622.492 215.95
LOCATION L0000019      VOLUME  488153.804 3665622.492 215.92
LOCATION L0000020      VOLUME  488150.147 3665622.492 215.89
LOCATION L0000021      VOLUME  488146.489 3665622.492 215.87

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LOCATION	L0000022	VOLUME	488142.831	3665622.492	215.85
LOCATION	L0000023	VOLUME	488139.174	3665622.492	215.84
LOCATION	L0000024	VOLUME	488135.516	3665622.492	215.83
LOCATION	L0000025	VOLUME	488131.859	3665622.492	215.82
LOCATION	L0000026	VOLUME	488128.201	3665622.492	215.81
LOCATION	L0000027	VOLUME	488124.543	3665622.492	215.80
LOCATION	L0000028	VOLUME	488120.886	3665622.492	215.79
LOCATION	L0000029	VOLUME	488117.228	3665622.492	215.80
LOCATION	L0000030	VOLUME	488113.571	3665622.492	215.82
LOCATION	L0000031	VOLUME	488109.913	3665622.492	215.84
LOCATION	L0000032	VOLUME	488106.255	3665622.492	215.85
LOCATION	L0000033	VOLUME	488102.598	3665622.492	215.87
LOCATION	L0000034	VOLUME	488098.940	3665622.492	215.89
LOCATION	L0000035	VOLUME	488095.283	3665622.492	215.90
LOCATION	L0000036	VOLUME	488091.625	3665622.492	215.96
LOCATION	L0000037	VOLUME	488087.967	3665622.492	216.04
LOCATION	L0000038	VOLUME	488084.310	3665622.492	216.11
LOCATION	L0000039	VOLUME	488080.652	3665622.492	216.19
LOCATION	L0000040	VOLUME	488076.995	3665622.492	216.27
LOCATION	L0000041	VOLUME	488073.343	3665622.524	216.35
LOCATION	L0000042	VOLUME	488069.906	3665623.777	216.40
LOCATION	L0000043	VOLUME	488066.470	3665625.030	216.46
LOCATION	L0000044	VOLUME	488063.034	3665626.283	216.54
LOCATION	L0000045	VOLUME	488059.597	3665627.535	216.63
LOCATION	L0000046	VOLUME	488056.161	3665628.788	216.72
LOCATION	L0000047	VOLUME	488052.725	3665630.041	216.82
LOCATION	L0000048	VOLUME	488049.444	3665631.566	216.90
LOCATION	L0000049	VOLUME	488046.617	3665633.888	216.94
LOCATION	L0000050	VOLUME	488043.791	3665636.209	216.96
LOCATION	L0000051	VOLUME	488040.965	3665638.531	217.09
LOCATION	L0000052	VOLUME	488038.138	3665640.853	217.35
LOCATION	L0000053	VOLUME	488035.312	3665643.174	217.58
LOCATION	L0000054	VOLUME	488032.485	3665645.496	217.77
LOCATION	L0000055	VOLUME	488029.659	3665647.817	217.93
LOCATION	L0000056	VOLUME	488026.833	3665650.139	218.05
LOCATION	L0000057	VOLUME	488024.006	3665652.460	218.14
LOCATION	L0000058	VOLUME	488021.180	3665654.782	218.19

LOCATION	L0000059	VOLUME	488018.690	3665657.362	218.16
LOCATION	L0000060	VOLUME	488017.174	3665660.691	218.02
LOCATION	L0000061	VOLUME	488015.658	3665664.019	218.13
LOCATION	L0000062	VOLUME	488014.142	3665667.348	218.27
LOCATION	L0000063	VOLUME	488012.627	3665670.677	218.40
LOCATION	L0000064	VOLUME	488011.111	3665674.005	218.52
LOCATION	L0000065	VOLUME	488009.595	3665677.334	218.62
LOCATION	L0000066	VOLUME	488008.079	3665680.663	218.71
LOCATION	L0000067	VOLUME	488006.563	3665683.992	218.79
LOCATION	L0000068	VOLUME	488005.047	3665687.320	218.85
LOCATION	L0000069	VOLUME	488003.532	3665690.649	218.90
LOCATION	L0000070	VOLUME	488003.509	3665694.294	218.72
LOCATION	L0000071	VOLUME	488003.543	3665697.952	218.54
LOCATION	L0000072	VOLUME	488003.576	3665701.609	218.35
LOCATION	L0000073	VOLUME	488003.610	3665705.267	218.17
LOCATION	L0000074	VOLUME	488003.644	3665708.924	217.99
LOCATION	L0000075	VOLUME	488003.677	3665712.582	217.80
LOCATION	L0000076	VOLUME	488003.711	3665716.239	217.62
LOCATION	L0000077	VOLUME	488003.745	3665719.897	217.44
LOCATION	L0000078	VOLUME	488003.778	3665723.554	217.25
LOCATION	L0000079	VOLUME	488003.812	3665727.211	217.04
LOCATION	L0000080	VOLUME	488003.846	3665730.869	216.84
LOCATION	L0000081	VOLUME	488003.879	3665734.526	216.64
LOCATION	L0000082	VOLUME	488003.913	3665738.184	216.43
LOCATION	L0000083	VOLUME	488003.947	3665741.841	216.23
LOCATION	L0000084	VOLUME	488003.980	3665745.499	216.03
LOCATION	L0000085	VOLUME	488004.014	3665749.156	215.82
LOCATION	L0000086	VOLUME	488004.048	3665752.814	215.63
LOCATION	L0000087	VOLUME	488004.082	3665756.471	215.52
LOCATION	L0000088	VOLUME	488004.115	3665760.128	215.40
LOCATION	L0000089	VOLUME	488004.149	3665763.786	215.29
LOCATION	L0000090	VOLUME	488004.183	3665767.443	215.17
LOCATION	L0000091	VOLUME	488004.216	3665771.101	215.06
LOCATION	L0000092	VOLUME	488004.250	3665774.758	214.95
LOCATION	L0000093	VOLUME	488004.284	3665778.416	214.83
LOCATION	L0000094	VOLUME	488004.317	3665782.073	214.72
LOCATION	L0000095	VOLUME	488004.351	3665785.731	214.62

LOCATION	L0000096	VOLUME	488004.385	3665789.388	214.54
LOCATION	L0000097	VOLUME	488004.418	3665793.045	214.46
LOCATION	L0000098	VOLUME	488004.452	3665796.703	214.38
LOCATION	L0000099	VOLUME	488004.486	3665800.360	214.29
LOCATION	L0000100	VOLUME	488004.520	3665804.018	214.21
LOCATION	L0000101	VOLUME	488004.553	3665807.675	214.13
LOCATION	L0000102	VOLUME	488004.587	3665811.333	214.05
LOCATION	L0000103	VOLUME	488004.621	3665814.990	213.94
LOCATION	L0000104	VOLUME	488004.654	3665818.648	213.77
LOCATION	L0000105	VOLUME	488004.688	3665822.305	213.59
LOCATION	L0000106	VOLUME	488004.722	3665825.962	213.42
LOCATION	L0000107	VOLUME	488004.755	3665829.620	213.25
LOCATION	L0000108	VOLUME	488004.789	3665833.277	213.08
LOCATION	L0000109	VOLUME	488004.823	3665836.935	212.90
LOCATION	L0000110	VOLUME	488004.856	3665840.592	212.73
LOCATION	L0000111	VOLUME	488004.890	3665844.250	212.56
LOCATION	L0000112	VOLUME	488004.924	3665847.907	212.46
LOCATION	L0000113	VOLUME	488004.958	3665851.565	212.38
LOCATION	L0000114	VOLUME	488004.991	3665855.222	212.29
LOCATION	L0000115	VOLUME	488005.025	3665858.879	212.20
LOCATION	L0000116	VOLUME	488005.059	3665862.537	212.12
LOCATION	L0000117	VOLUME	488005.092	3665866.194	212.03
LOCATION	L0000118	VOLUME	488005.126	3665869.852	211.94
LOCATION	L0000119	VOLUME	488005.160	3665873.509	211.86
LOCATION	L0000120	VOLUME	488005.193	3665877.167	211.77
LOCATION	L0000121	VOLUME	488005.227	3665880.824	211.68
LOCATION	L0000122	VOLUME	488005.261	3665884.482	211.59
LOCATION	L0000123	VOLUME	488005.294	3665888.139	211.50
LOCATION	L0000124	VOLUME	488005.328	3665891.796	211.41
LOCATION	L0000125	VOLUME	488005.362	3665895.454	211.32
LOCATION	L0000126	VOLUME	488005.395	3665899.111	211.23
LOCATION	L0000127	VOLUME	488005.429	3665902.769	211.14
LOCATION	L0000128	VOLUME	488005.463	3665906.426	211.05
LOCATION	L0000129	VOLUME	488005.497	3665910.084	211.00
LOCATION	L0000130	VOLUME	488005.530	3665913.741	210.94
LOCATION	L0000131	VOLUME	488005.564	3665917.399	210.89
LOCATION	L0000132	VOLUME	488005.598	3665921.056	210.83

LOCATION	L0000133	VOLUME	488005.631	3665924.713	210.77
LOCATION	L0000134	VOLUME	488005.665	3665928.371	210.72
LOCATION	L0000135	VOLUME	488005.699	3665932.028	210.66
LOCATION	L0000136	VOLUME	488005.732	3665935.686	210.60
LOCATION	L0000137	VOLUME	488005.766	3665939.343	210.54
LOCATION	L0000138	VOLUME	488005.800	3665943.001	210.46
LOCATION	L0000139	VOLUME	488005.833	3665946.658	210.38
LOCATION	L0000140	VOLUME	488005.867	3665950.316	210.31
LOCATION	L0000141	VOLUME	488005.901	3665953.973	210.23
LOCATION	L0000142	VOLUME	488005.935	3665957.630	210.16
LOCATION	L0000143	VOLUME	488005.968	3665961.288	210.08
LOCATION	L0000144	VOLUME	488006.002	3665964.945	210.00
LOCATION	L0000145	VOLUME	488006.036	3665968.603	209.93
LOCATION	L0000146	VOLUME	488006.069	3665972.260	209.85
LOCATION	L0000147	VOLUME	488006.103	3665975.918	209.76
LOCATION	L0000148	VOLUME	488006.137	3665979.575	209.68
LOCATION	L0000149	VOLUME	488006.170	3665983.233	209.60
LOCATION	L0000150	VOLUME	488006.204	3665986.890	209.52
LOCATION	L0000151	VOLUME	488006.238	3665990.547	209.44
LOCATION	L0000152	VOLUME	488006.271	3665994.205	209.36
LOCATION	L0000153	VOLUME	488006.305	3665997.862	209.28
LOCATION	L0000154	VOLUME	488006.339	3666001.520	209.24
LOCATION	L0000155	VOLUME	488006.373	3666005.177	209.20
LOCATION	L0000156	VOLUME	488006.406	3666008.835	209.17
LOCATION	L0000157	VOLUME	488006.440	3666012.492	209.14
LOCATION	L0000158	VOLUME	488006.474	3666016.150	209.11
LOCATION	L0000159	VOLUME	488004.065	3666018.327	209.18
LOCATION	L0000160	VOLUME	488000.807	3666019.990	209.26
LOCATION	L0000161	VOLUME	487997.549	3666021.652	209.32
LOCATION	L0000162	VOLUME	487994.292	3666023.315	209.36
LOCATION	L0000163	VOLUME	487991.034	3666024.978	209.38
LOCATION	L0000164	VOLUME	487987.776	3666026.641	209.46
LOCATION	L0000165	VOLUME	487984.518	3666028.304	209.57
LOCATION	L0000166	VOLUME	487981.260	3666029.966	209.70
LOCATION	L0000167	VOLUME	487978.003	3666031.629	209.90
LOCATION	L0000168	VOLUME	487974.745	3666033.292	210.10
LOCATION	L0000169	VOLUME	487971.487	3666034.955	210.31

LOCATION	L0000170	VOLUME	487968.229	3666036.618	210.51
LOCATION	L0000171	VOLUME	487964.971	3666038.280	210.72
LOCATION	L0000172	VOLUME	487961.714	3666039.943	210.80
LOCATION	L0000173	VOLUME	487958.456	3666041.606	210.88
LOCATION	L0000174	VOLUME	487955.198	3666043.269	210.96
LOCATION	L0000175	VOLUME	487951.940	3666044.932	211.04
LOCATION	L0000176	VOLUME	487948.683	3666046.594	211.12
LOCATION	L0000177	VOLUME	487945.425	3666048.257	211.20
LOCATION	L0000178	VOLUME	487942.167	3666049.920	211.28
LOCATION	L0000179	VOLUME	487938.909	3666051.583	211.36
LOCATION	L0000180	VOLUME	487935.651	3666053.245	211.54
LOCATION	L0000181	VOLUME	487932.394	3666054.908	211.73
LOCATION	L0000182	VOLUME	487929.136	3666056.571	211.93
LOCATION	L0000183	VOLUME	487925.878	3666058.234	212.14
LOCATION	L0000184	VOLUME	487922.620	3666059.897	212.36
LOCATION	L0000185	VOLUME	487919.362	3666061.559	212.57
LOCATION	L0000186	VOLUME	487916.105	3666063.222	212.75
LOCATION	L0000187	VOLUME	487912.847	3666064.885	212.92
LOCATION	L0000188	VOLUME	487909.589	3666066.548	212.99
LOCATION	L0000189	VOLUME	487906.331	3666068.211	213.06
LOCATION	L0000190	VOLUME	487903.074	3666069.873	213.13
LOCATION	L0000191	VOLUME	487899.816	3666071.536	213.21
LOCATION	L0000192	VOLUME	487896.558	3666073.199	213.29
LOCATION	L0000193	VOLUME	487893.300	3666074.862	213.37
LOCATION	L0000194	VOLUME	487890.042	3666076.525	213.45
LOCATION	L0000195	VOLUME	487886.785	3666078.187	213.53
LOCATION	L0000196	VOLUME	487883.527	3666079.850	213.57
LOCATION	L0000197	VOLUME	487880.269	3666081.513	213.60
LOCATION	L0000198	VOLUME	487877.011	3666083.176	213.63
LOCATION	L0000199	VOLUME	487873.754	3666084.839	213.66
LOCATION	L0000200	VOLUME	487870.496	3666086.501	213.68
LOCATION	L0000201	VOLUME	487867.238	3666088.164	213.69
LOCATION	L0000202	VOLUME	487863.980	3666089.827	213.70
LOCATION	L0000203	VOLUME	487860.722	3666091.490	213.68
LOCATION	L0000204	VOLUME	487857.465	3666093.152	213.59
LOCATION	L0000205	VOLUME	487854.207	3666094.815	213.52
LOCATION	L0000206	VOLUME	487850.949	3666096.478	213.46

LOCATION	L0000207	VOLUME	487847.691	3666098.141	213.42
LOCATION	L0000208	VOLUME	487844.433	3666099.804	213.41
LOCATION	L0000209	VOLUME	487841.176	3666101.466	213.41
LOCATION	L0000210	VOLUME	487837.918	3666103.129	213.42
LOCATION	L0000211	VOLUME	487834.660	3666104.792	213.43
LOCATION	L0000212	VOLUME	487831.402	3666106.455	213.34
LOCATION	L0000213	VOLUME	487828.145	3666108.118	213.23
LOCATION	L0000214	VOLUME	487824.887	3666109.780	213.11
LOCATION	L0000215	VOLUME	487821.629	3666111.443	212.96
LOCATION	L0000216	VOLUME	487818.371	3666113.106	212.80
LOCATION	L0000217	VOLUME	487815.113	3666114.769	212.62
LOCATION	L0000218	VOLUME	487811.856	3666116.432	212.42
LOCATION	L0000219	VOLUME	487808.598	3666118.094	212.22
LOCATION	L0000220	VOLUME	487805.340	3666119.757	212.08
LOCATION	L0000221	VOLUME	487802.082	3666121.420	211.93
LOCATION	L0000222	VOLUME	487798.824	3666123.083	211.77
LOCATION	L0000223	VOLUME	487795.567	3666124.745	211.61
LOCATION	L0000224	VOLUME	487792.309	3666126.408	211.45
LOCATION	L0000225	VOLUME	487789.051	3666128.071	211.30
LOCATION	L0000226	VOLUME	487785.793	3666129.734	211.14
LOCATION	L0000227	VOLUME	487782.536	3666131.397	210.98
LOCATION	L0000228	VOLUME	487779.278	3666133.059	210.83
LOCATION	L0000229	VOLUME	487776.020	3666134.722	210.67
LOCATION	L0000230	VOLUME	487772.762	3666136.385	210.50
LOCATION	L0000231	VOLUME	487769.504	3666138.048	210.31
LOCATION	L0000232	VOLUME	487766.247	3666139.711	210.13
LOCATION	L0000233	VOLUME	487762.989	3666141.373	209.93
LOCATION	L0000234	VOLUME	487759.731	3666143.036	209.72
LOCATION	L0000235	VOLUME	487756.473	3666144.699	209.54
LOCATION	L0000236	VOLUME	487753.215	3666146.362	209.41
LOCATION	L0000237	VOLUME	487749.958	3666148.025	209.26
LOCATION	L0000238	VOLUME	487746.700	3666149.687	209.10
LOCATION	L0000239	VOLUME	487743.442	3666151.350	208.92
LOCATION	L0000240	VOLUME	487740.184	3666153.013	208.72
LOCATION	L0000241	VOLUME	487736.927	3666154.676	208.57
LOCATION	L0000242	VOLUME	487733.669	3666156.338	208.43
LOCATION	L0000243	VOLUME	487730.411	3666158.001	208.40

LOCATION	L0000244	VOLUME	487727.153	3666159.664	208.50
LOCATION	L0000245	VOLUME	487723.895	3666161.327	208.57
LOCATION	L0000246	VOLUME	487720.638	3666162.990	208.62
LOCATION	L0000247	VOLUME	487717.380	3666164.652	208.65
LOCATION	L0000248	VOLUME	487714.122	3666166.315	208.64
LOCATION	L0000249	VOLUME	487710.864	3666167.978	208.62
LOCATION	L0000250	VOLUME	487707.606	3666169.641	208.57
LOCATION	L0000251	VOLUME	487704.349	3666171.304	208.43
LOCATION	L0000252	VOLUME	487701.091	3666172.966	208.24
LOCATION	L0000253	VOLUME	487697.833	3666174.629	208.06
LOCATION	L0000254	VOLUME	487694.575	3666176.292	207.90
LOCATION	L0000255	VOLUME	487691.318	3666177.955	207.74
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LOCATION	L0000258	VOLUME	487681.544	3666182.943	207.35
LOCATION	L0000259	VOLUME	487678.286	3666184.606	207.36
LOCATION	L0000260	VOLUME	487675.029	3666186.269	207.46
LOCATION	L0000261	VOLUME	487671.771	3666187.932	207.54
LOCATION	L0000262	VOLUME	487668.513	3666189.594	207.59
LOCATION	L0000263	VOLUME	487665.255	3666191.257	207.62
LOCATION	L0000264	VOLUME	487661.997	3666192.920	207.63
LOCATION	L0000265	VOLUME	487658.740	3666194.583	207.61
LOCATION	L0000266	VOLUME	487655.482	3666196.245	207.56
LOCATION	L0000267	VOLUME	487652.224	3666197.908	207.51
LOCATION	L0000268	VOLUME	487648.966	3666199.571	207.47
LOCATION	L0000269	VOLUME	487645.709	3666201.234	207.45
LOCATION	L0000270	VOLUME	487642.451	3666202.897	207.44
LOCATION	L0000271	VOLUME	487639.193	3666204.559	207.45
LOCATION	L0000272	VOLUME	487635.935	3666206.222	207.48
LOCATION	L0000273	VOLUME	487632.677	3666207.885	207.52
LOCATION	L0000274	VOLUME	487629.420	3666209.548	207.57
LOCATION	L0000275	VOLUME	487626.162	3666211.211	207.63
**	End of LINE	VOLUME	Source ID = OFFSITE		
LOCATION	PAREA1	AREAPOLY	487906.769	3665817.654	217.690
**	DESCRSRC	Grading, Paving, and Coating			
LOCATION	PAREA2	AREAPOLY	487924.234	3665820.982	216.230
**	DESCRSRC	Building			



\*\* Source Parameters \*\*

\*\* LINE VOLUME Source ID = OFFSITE

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SRCPARAM	L0000229	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000230	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000231	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000232	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000233	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000234	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000235	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000236	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000237	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000238	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000239	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000240	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000241	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000242	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000243	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000244	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000245	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000246	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000247	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000248	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000249	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000250	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000251	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000252	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000253	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000254	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000255	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000256	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000257	0.00000003038	0.00	1.70	1.70

SRCPARAM	L0000258	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000259	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000260	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000261	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000262	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000263	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000264	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000265	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000266	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000267	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000268	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000269	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000270	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000271	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000272	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000273	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000274	0.00000003038	0.00	1.70	1.70
SRCPARAM	L0000275	0.00000003038	0.00	1.70	1.70

\*\*

SRCPARAM	PAREA1	6.9208E-10	5.000	7	
AREAVERT	PAREA1	487906.769	3665817.654	487912.121	3665835.766
AREAVERT	PAREA1	487991.269	3665835.212	487990.522	3665696.038
AREAVERT	PAREA1	487949.404	3665671.077	487895.202	3665669.942
AREAVERT	PAREA1	487896.120	3665806.133		
SRCPARAM	PAREA2	3.5361E-07	5.000	8	
AREAVERT	PAREA2	487924.234	3665820.982	487956.286	3665821.247
AREAVERT	PAREA2	487957.370	3665691.378	487948.950	3665691.378
AREAVERT	PAREA2	487947.852	3665685.521	487913.808	3665685.887
AREAVERT	PAREA2	487914.541	3665798.634	487924.790	3665799.000
SRCGROUP	ALL				

SO FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Receptor Pathway

\*\*\*\*\*

\*\*

\*\*



```

RE STARTING
  INCLUDED "Meyers Construction.rou"
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE MissionViejoADJU\MSVJ_V9_ADJU\MSVJ_v9.SFC
  PROFFILE MissionViejoADJU\MSVJ_V9_ADJU\MSVJ_v9.PFL
  SURFDATA 93184 2011
  UAIRDATA 3190 2011
  SITEDATA 99999 2011
  PROFBASE 646.0 FEET
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST "MEYERS CONSTRUCTION.AD\01H1GALL.PLT" 31
  PLOTFILE PERIOD ALL "MEYERS CONSTRUCTION.AD\PE00GALL.PLT" 32
  SUMMFILE "Meyers Construction.sum"
OU FINISHED

```

```

*** Message Summary For AERMOD Model Setup ***

----- Summary of Total Messages -----

```

A Total of 0 Fatal Error Message(s)  
A Total of 2 Warning Message(s)  
A Total of 0 Informational Message(s)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
ME W186 646 MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used  
0.50  
ME W187 646 MEOPEN: ADJ\_U\* Option for Stable Low Winds used in AERMET

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

---  
---  
\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

\*\*NO GAS DEPOSITION Data Provided.

\*\*NO PARTICLE DEPOSITION Data Provided.

\*\*Model Uses NO DRY DEPLETION. DRYDPLT = F

\*\*Model Uses NO WET DEPLETION. WETDPLT = F

\*\*Model Uses RURAL Dispersion Only.

\*\*Model Uses Regulatory DEFAULT Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.

\*\*Other Options Specified:

ADJ\_U\* - Use ADJ\_U\* option for SBL in AERMET

TEMP\_Sub - Meteorological data includes TEMP substitutions

\*\*Model Assumes No FLAGPOLE Receptor Heights.

\*\*The User Specified a Pollutant Type of: DPM

\*\*Model Calculates 1 Short Term Average(s) of: 1-HR  
and Calculates PERIOD Averages

\*\*This Run Includes: 277 Source(s); 1 Source Group(s); and 306 Receptor(s)

with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)

and: 275 VOLUME source(s)

and: 2 AREA type source(s)

and: 0 LINE source(s)

and: 0 RLINE/RLINEXT source(s)

and: 0 OPENPIT source(s)

and: 0 BUOYANT LINE source(s) with a total of 0 line(s)

\*\*Model Set To Continue RUNNING After the Setup Testing.

\*\*The AERMET Input Meteorological Data Version Date: 16216

\*\*Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor  
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)  
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)  
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and Missing

Hours

\*\*Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 196.90 ; Decay Coef. =  
0.000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ; Emission Rate  
Unit Factor = 0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 3.7 MB of RAM.

\*\*Input Runstream File: aermod.inp  
\*\*Output Print File: aermod.out  
  
\*\*Detailed Error/Message File: Meyers Construction.err  
\*\*File for Summary of Results: Meyers Construction.sum

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 \*\*\* MODELOPTs:    RegDFault    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE SCALAR VARY			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.								
BY									
L0000001	0	0.30380E-07	488219.6	3665622.5	216.2	0.00	1.70	1.70	
NO									
L0000002	0	0.30380E-07	488216.0	3665622.5	216.2	0.00	1.70	1.70	
NO									
L0000003	0	0.30380E-07	488212.3	3665622.5	216.2	0.00	1.70	1.70	
NO									
L0000004	0	0.30380E-07	488208.7	3665622.5	216.1	0.00	1.70	1.70	
NO									
L0000005	0	0.30380E-07	488205.0	3665622.5	216.1	0.00	1.70	1.70	
NO									
L0000006	0	0.30380E-07	488201.4	3665622.5	216.1	0.00	1.70	1.70	
NO									
L0000007	0	0.30380E-07	488197.7	3665622.5	216.1	0.00	1.70	1.70	
NO									
L0000008	0	0.30380E-07	488194.0	3665622.5	216.1	0.00	1.70	1.70	
NO									
L0000009	0	0.30380E-07	488190.4	3665622.5	216.1	0.00	1.70	1.70	

NO								
L0000010	0	0.30380E-07	488186.7	3665622.5	216.1	0.00	1.70	1.70
NO								
L0000011	0	0.30380E-07	488183.1	3665622.5	216.1	0.00	1.70	1.70
NO								
L0000012	0	0.30380E-07	488179.4	3665622.5	216.1	0.00	1.70	1.70
NO								
L0000013	0	0.30380E-07	488175.8	3665622.5	216.1	0.00	1.70	1.70
NO								
L0000014	0	0.30380E-07	488172.1	3665622.5	216.1	0.00	1.70	1.70
NO								
L0000015	0	0.30380E-07	488168.4	3665622.5	216.0	0.00	1.70	1.70
NO								
L0000016	0	0.30380E-07	488164.8	3665622.5	216.0	0.00	1.70	1.70
NO								
L0000017	0	0.30380E-07	488161.1	3665622.5	216.0	0.00	1.70	1.70
NO								
L0000018	0	0.30380E-07	488157.5	3665622.5	216.0	0.00	1.70	1.70
NO								
L0000019	0	0.30380E-07	488153.8	3665622.5	215.9	0.00	1.70	1.70
NO								
L0000020	0	0.30380E-07	488150.1	3665622.5	215.9	0.00	1.70	1.70
NO								
L0000021	0	0.30380E-07	488146.5	3665622.5	215.9	0.00	1.70	1.70
NO								
L0000022	0	0.30380E-07	488142.8	3665622.5	215.9	0.00	1.70	1.70
NO								
L0000023	0	0.30380E-07	488139.2	3665622.5	215.8	0.00	1.70	1.70
NO								
L0000024	0	0.30380E-07	488135.5	3665622.5	215.8	0.00	1.70	1.70
NO								
L0000025	0	0.30380E-07	488131.9	3665622.5	215.8	0.00	1.70	1.70
NO								
L0000026	0	0.30380E-07	488128.2	3665622.5	215.8	0.00	1.70	1.70
NO								
L0000027	0	0.30380E-07	488124.5	3665622.5	215.8	0.00	1.70	1.70
NO								

L0000028	0	0.30380E-07	488120.9	3665622.5	215.8	0.00	1.70	1.70
NO								
L0000029	0	0.30380E-07	488117.2	3665622.5	215.8	0.00	1.70	1.70
NO								
L0000030	0	0.30380E-07	488113.6	3665622.5	215.8	0.00	1.70	1.70
NO								
L0000031	0	0.30380E-07	488109.9	3665622.5	215.8	0.00	1.70	1.70
NO								
L0000032	0	0.30380E-07	488106.3	3665622.5	215.9	0.00	1.70	1.70
NO								
L0000033	0	0.30380E-07	488102.6	3665622.5	215.9	0.00	1.70	1.70
NO								
L0000034	0	0.30380E-07	488098.9	3665622.5	215.9	0.00	1.70	1.70
NO								
L0000035	0	0.30380E-07	488095.3	3665622.5	215.9	0.00	1.70	1.70
NO								
L0000036	0	0.30380E-07	488091.6	3665622.5	216.0	0.00	1.70	1.70
NO								
L0000037	0	0.30380E-07	488088.0	3665622.5	216.0	0.00	1.70	1.70
NO								
L0000038	0	0.30380E-07	488084.3	3665622.5	216.1	0.00	1.70	1.70
NO								
L0000039	0	0.30380E-07	488080.7	3665622.5	216.2	0.00	1.70	1.70
NO								
L0000040	0	0.30380E-07	488077.0	3665622.5	216.3	0.00	1.70	1.70
NO								



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 \*\*\* MODELOPTs:    RegDFault    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.								
L0000041	0	0.30380E-07	488073.3	3665622.5	216.4	0.00	1.70	1.70	
NO									
L0000042	0	0.30380E-07	488069.9	3665623.8	216.4	0.00	1.70	1.70	
NO									
L0000043	0	0.30380E-07	488066.5	3665625.0	216.5	0.00	1.70	1.70	
NO									
L0000044	0	0.30380E-07	488063.0	3665626.3	216.5	0.00	1.70	1.70	
NO									
L0000045	0	0.30380E-07	488059.6	3665627.5	216.6	0.00	1.70	1.70	
NO									
L0000046	0	0.30380E-07	488056.2	3665628.8	216.7	0.00	1.70	1.70	
NO									
L0000047	0	0.30380E-07	488052.7	3665630.0	216.8	0.00	1.70	1.70	
NO									
L0000048	0	0.30380E-07	488049.4	3665631.6	216.9	0.00	1.70	1.70	
NO									
L0000049	0	0.30380E-07	488046.6	3665633.9	216.9	0.00	1.70	1.70	

NO								
L0000050	0	0.30380E-07	488043.8	3665636.2	217.0	0.00	1.70	1.70
NO								
L0000051	0	0.30380E-07	488041.0	3665638.5	217.1	0.00	1.70	1.70
NO								
L0000052	0	0.30380E-07	488038.1	3665640.9	217.4	0.00	1.70	1.70
NO								
L0000053	0	0.30380E-07	488035.3	3665643.2	217.6	0.00	1.70	1.70
NO								
L0000054	0	0.30380E-07	488032.5	3665645.5	217.8	0.00	1.70	1.70
NO								
L0000055	0	0.30380E-07	488029.7	3665647.8	217.9	0.00	1.70	1.70
NO								
L0000056	0	0.30380E-07	488026.8	3665650.1	218.1	0.00	1.70	1.70
NO								
L0000057	0	0.30380E-07	488024.0	3665652.5	218.1	0.00	1.70	1.70
NO								
L0000058	0	0.30380E-07	488021.2	3665654.8	218.2	0.00	1.70	1.70
NO								
L0000059	0	0.30380E-07	488018.7	3665657.4	218.2	0.00	1.70	1.70
NO								
L0000060	0	0.30380E-07	488017.2	3665660.7	218.0	0.00	1.70	1.70
NO								
L0000061	0	0.30380E-07	488015.7	3665664.0	218.1	0.00	1.70	1.70
NO								
L0000062	0	0.30380E-07	488014.1	3665667.3	218.3	0.00	1.70	1.70
NO								
L0000063	0	0.30380E-07	488012.6	3665670.7	218.4	0.00	1.70	1.70
NO								
L0000064	0	0.30380E-07	488011.1	3665674.0	218.5	0.00	1.70	1.70
NO								
L0000065	0	0.30380E-07	488009.6	3665677.3	218.6	0.00	1.70	1.70
NO								
L0000066	0	0.30380E-07	488008.1	3665680.7	218.7	0.00	1.70	1.70
NO								
L0000067	0	0.30380E-07	488006.6	3665684.0	218.8	0.00	1.70	1.70
NO								

L0000068	0	0.30380E-07	488005.0	3665687.3	218.9	0.00	1.70	1.70
NO								
L0000069	0	0.30380E-07	488003.5	3665690.6	218.9	0.00	1.70	1.70
NO								
L0000070	0	0.30380E-07	488003.5	3665694.3	218.7	0.00	1.70	1.70
NO								
L0000071	0	0.30380E-07	488003.5	3665698.0	218.5	0.00	1.70	1.70
NO								
L0000072	0	0.30380E-07	488003.6	3665701.6	218.4	0.00	1.70	1.70
NO								
L0000073	0	0.30380E-07	488003.6	3665705.3	218.2	0.00	1.70	1.70
NO								
L0000074	0	0.30380E-07	488003.6	3665708.9	218.0	0.00	1.70	1.70
NO								
L0000075	0	0.30380E-07	488003.7	3665712.6	217.8	0.00	1.70	1.70
NO								
L0000076	0	0.30380E-07	488003.7	3665716.2	217.6	0.00	1.70	1.70
NO								
L0000077	0	0.30380E-07	488003.7	3665719.9	217.4	0.00	1.70	1.70
NO								
L0000078	0	0.30380E-07	488003.8	3665723.6	217.2	0.00	1.70	1.70
NO								
L0000079	0	0.30380E-07	488003.8	3665727.2	217.0	0.00	1.70	1.70
NO								
L0000080	0	0.30380E-07	488003.8	3665730.9	216.8	0.00	1.70	1.70
NO								

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 \*\*\* MODELOPTs:    RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE SCALAR VARY			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.								
L0000081	0	0.30380E-07	488003.9	3665734.5	216.6	0.00	1.70	1.70	
NO									
L0000082	0	0.30380E-07	488003.9	3665738.2	216.4	0.00	1.70	1.70	
NO									
L0000083	0	0.30380E-07	488003.9	3665741.8	216.2	0.00	1.70	1.70	
NO									
L0000084	0	0.30380E-07	488004.0	3665745.5	216.0	0.00	1.70	1.70	
NO									
L0000085	0	0.30380E-07	488004.0	3665749.2	215.8	0.00	1.70	1.70	
NO									
L0000086	0	0.30380E-07	488004.0	3665752.8	215.6	0.00	1.70	1.70	
NO									
L0000087	0	0.30380E-07	488004.1	3665756.5	215.5	0.00	1.70	1.70	
NO									
L0000088	0	0.30380E-07	488004.1	3665760.1	215.4	0.00	1.70	1.70	
NO									
L0000089	0	0.30380E-07	488004.1	3665763.8	215.3	0.00	1.70	1.70	

NO								
L0000090	0	0.30380E-07	488004.2	3665767.4	215.2	0.00	1.70	1.70
NO								
L0000091	0	0.30380E-07	488004.2	3665771.1	215.1	0.00	1.70	1.70
NO								
L0000092	0	0.30380E-07	488004.2	3665774.8	215.0	0.00	1.70	1.70
NO								
L0000093	0	0.30380E-07	488004.3	3665778.4	214.8	0.00	1.70	1.70
NO								
L0000094	0	0.30380E-07	488004.3	3665782.1	214.7	0.00	1.70	1.70
NO								
L0000095	0	0.30380E-07	488004.4	3665785.7	214.6	0.00	1.70	1.70
NO								
L0000096	0	0.30380E-07	488004.4	3665789.4	214.5	0.00	1.70	1.70
NO								
L0000097	0	0.30380E-07	488004.4	3665793.0	214.5	0.00	1.70	1.70
NO								
L0000098	0	0.30380E-07	488004.5	3665796.7	214.4	0.00	1.70	1.70
NO								
L0000099	0	0.30380E-07	488004.5	3665800.4	214.3	0.00	1.70	1.70
NO								
L0000100	0	0.30380E-07	488004.5	3665804.0	214.2	0.00	1.70	1.70
NO								
L0000101	0	0.30380E-07	488004.6	3665807.7	214.1	0.00	1.70	1.70
NO								
L0000102	0	0.30380E-07	488004.6	3665811.3	214.1	0.00	1.70	1.70
NO								
L0000103	0	0.30380E-07	488004.6	3665815.0	213.9	0.00	1.70	1.70
NO								
L0000104	0	0.30380E-07	488004.7	3665818.6	213.8	0.00	1.70	1.70
NO								
L0000105	0	0.30380E-07	488004.7	3665822.3	213.6	0.00	1.70	1.70
NO								
L0000106	0	0.30380E-07	488004.7	3665826.0	213.4	0.00	1.70	1.70
NO								
L0000107	0	0.30380E-07	488004.8	3665829.6	213.2	0.00	1.70	1.70
NO								

L0000108	0	0.30380E-07	488004.8	3665833.3	213.1	0.00	1.70	1.70
NO								
L0000109	0	0.30380E-07	488004.8	3665836.9	212.9	0.00	1.70	1.70
NO								
L0000110	0	0.30380E-07	488004.9	3665840.6	212.7	0.00	1.70	1.70
NO								
L0000111	0	0.30380E-07	488004.9	3665844.2	212.6	0.00	1.70	1.70
NO								
L0000112	0	0.30380E-07	488004.9	3665847.9	212.5	0.00	1.70	1.70
NO								
L0000113	0	0.30380E-07	488005.0	3665851.6	212.4	0.00	1.70	1.70
NO								
L0000114	0	0.30380E-07	488005.0	3665855.2	212.3	0.00	1.70	1.70
NO								
L0000115	0	0.30380E-07	488005.0	3665858.9	212.2	0.00	1.70	1.70
NO								
L0000116	0	0.30380E-07	488005.1	3665862.5	212.1	0.00	1.70	1.70
NO								
L0000117	0	0.30380E-07	488005.1	3665866.2	212.0	0.00	1.70	1.70
NO								
L0000118	0	0.30380E-07	488005.1	3665869.9	211.9	0.00	1.70	1.70
NO								
L0000119	0	0.30380E-07	488005.2	3665873.5	211.9	0.00	1.70	1.70
NO								
L0000120	0	0.30380E-07	488005.2	3665877.2	211.8	0.00	1.70	1.70
NO								

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\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.								
L0000121	0	0.30380E-07	488005.2	3665880.8	211.7	0.00	1.70	1.70	
NO									
L0000122	0	0.30380E-07	488005.3	3665884.5	211.6	0.00	1.70	1.70	
NO									
L0000123	0	0.30380E-07	488005.3	3665888.1	211.5	0.00	1.70	1.70	
NO									
L0000124	0	0.30380E-07	488005.3	3665891.8	211.4	0.00	1.70	1.70	
NO									
L0000125	0	0.30380E-07	488005.4	3665895.5	211.3	0.00	1.70	1.70	
NO									
L0000126	0	0.30380E-07	488005.4	3665899.1	211.2	0.00	1.70	1.70	
NO									
L0000127	0	0.30380E-07	488005.4	3665902.8	211.1	0.00	1.70	1.70	
NO									
L0000128	0	0.30380E-07	488005.5	3665906.4	211.1	0.00	1.70	1.70	
NO									
L0000129	0	0.30380E-07	488005.5	3665910.1	211.0	0.00	1.70	1.70	

NO								
L0000130	0	0.30380E-07	488005.5	3665913.7	210.9	0.00	1.70	1.70
NO								
L0000131	0	0.30380E-07	488005.6	3665917.4	210.9	0.00	1.70	1.70
NO								
L0000132	0	0.30380E-07	488005.6	3665921.1	210.8	0.00	1.70	1.70
NO								
L0000133	0	0.30380E-07	488005.6	3665924.7	210.8	0.00	1.70	1.70
NO								
L0000134	0	0.30380E-07	488005.7	3665928.4	210.7	0.00	1.70	1.70
NO								
L0000135	0	0.30380E-07	488005.7	3665932.0	210.7	0.00	1.70	1.70
NO								
L0000136	0	0.30380E-07	488005.7	3665935.7	210.6	0.00	1.70	1.70
NO								
L0000137	0	0.30380E-07	488005.8	3665939.3	210.5	0.00	1.70	1.70
NO								
L0000138	0	0.30380E-07	488005.8	3665943.0	210.5	0.00	1.70	1.70
NO								
L0000139	0	0.30380E-07	488005.8	3665946.7	210.4	0.00	1.70	1.70
NO								
L0000140	0	0.30380E-07	488005.9	3665950.3	210.3	0.00	1.70	1.70
NO								
L0000141	0	0.30380E-07	488005.9	3665954.0	210.2	0.00	1.70	1.70
NO								
L0000142	0	0.30380E-07	488005.9	3665957.6	210.2	0.00	1.70	1.70
NO								
L0000143	0	0.30380E-07	488006.0	3665961.3	210.1	0.00	1.70	1.70
NO								
L0000144	0	0.30380E-07	488006.0	3665964.9	210.0	0.00	1.70	1.70
NO								
L0000145	0	0.30380E-07	488006.0	3665968.6	209.9	0.00	1.70	1.70
NO								
L0000146	0	0.30380E-07	488006.1	3665972.3	209.9	0.00	1.70	1.70
NO								
L0000147	0	0.30380E-07	488006.1	3665975.9	209.8	0.00	1.70	1.70
NO								



L0000148	0	0.30380E-07	488006.1	3665979.6	209.7	0.00	1.70	1.70
NO								
L0000149	0	0.30380E-07	488006.2	3665983.2	209.6	0.00	1.70	1.70
NO								
L0000150	0	0.30380E-07	488006.2	3665986.9	209.5	0.00	1.70	1.70
NO								
L0000151	0	0.30380E-07	488006.2	3665990.5	209.4	0.00	1.70	1.70
NO								
L0000152	0	0.30380E-07	488006.3	3665994.2	209.4	0.00	1.70	1.70
NO								
L0000153	0	0.30380E-07	488006.3	3665997.9	209.3	0.00	1.70	1.70
NO								
L0000154	0	0.30380E-07	488006.3	3666001.5	209.2	0.00	1.70	1.70
NO								
L0000155	0	0.30380E-07	488006.4	3666005.2	209.2	0.00	1.70	1.70
NO								
L0000156	0	0.30380E-07	488006.4	3666008.8	209.2	0.00	1.70	1.70
NO								
L0000157	0	0.30380E-07	488006.4	3666012.5	209.1	0.00	1.70	1.70
NO								
L0000158	0	0.30380E-07	488006.5	3666016.1	209.1	0.00	1.70	1.70
NO								
L0000159	0	0.30380E-07	488004.1	3666018.3	209.2	0.00	1.70	1.70
NO								
L0000160	0	0.30380E-07	488000.8	3666020.0	209.3	0.00	1.70	1.70
NO								

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\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE SCALAR VARY			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.								
L0000161	0	0.30380E-07	487997.5	3666021.7	209.3	0.00	1.70	1.70	
NO									
L0000162	0	0.30380E-07	487994.3	3666023.3	209.4	0.00	1.70	1.70	
NO									
L0000163	0	0.30380E-07	487991.0	3666025.0	209.4	0.00	1.70	1.70	
NO									
L0000164	0	0.30380E-07	487987.8	3666026.6	209.5	0.00	1.70	1.70	
NO									
L0000165	0	0.30380E-07	487984.5	3666028.3	209.6	0.00	1.70	1.70	
NO									
L0000166	0	0.30380E-07	487981.3	3666030.0	209.7	0.00	1.70	1.70	
NO									
L0000167	0	0.30380E-07	487978.0	3666031.6	209.9	0.00	1.70	1.70	
NO									
L0000168	0	0.30380E-07	487974.7	3666033.3	210.1	0.00	1.70	1.70	
NO									
L0000169	0	0.30380E-07	487971.5	3666035.0	210.3	0.00	1.70	1.70	

NO								
L0000170	0	0.30380E-07	487968.2	3666036.6	210.5	0.00	1.70	1.70
NO								
L0000171	0	0.30380E-07	487965.0	3666038.3	210.7	0.00	1.70	1.70
NO								
L0000172	0	0.30380E-07	487961.7	3666039.9	210.8	0.00	1.70	1.70
NO								
L0000173	0	0.30380E-07	487958.5	3666041.6	210.9	0.00	1.70	1.70
NO								
L0000174	0	0.30380E-07	487955.2	3666043.3	211.0	0.00	1.70	1.70
NO								
L0000175	0	0.30380E-07	487951.9	3666044.9	211.0	0.00	1.70	1.70
NO								
L0000176	0	0.30380E-07	487948.7	3666046.6	211.1	0.00	1.70	1.70
NO								
L0000177	0	0.30380E-07	487945.4	3666048.3	211.2	0.00	1.70	1.70
NO								
L0000178	0	0.30380E-07	487942.2	3666049.9	211.3	0.00	1.70	1.70
NO								
L0000179	0	0.30380E-07	487938.9	3666051.6	211.4	0.00	1.70	1.70
NO								
L0000180	0	0.30380E-07	487935.7	3666053.2	211.5	0.00	1.70	1.70
NO								
L0000181	0	0.30380E-07	487932.4	3666054.9	211.7	0.00	1.70	1.70
NO								
L0000182	0	0.30380E-07	487929.1	3666056.6	211.9	0.00	1.70	1.70
NO								
L0000183	0	0.30380E-07	487925.9	3666058.2	212.1	0.00	1.70	1.70
NO								
L0000184	0	0.30380E-07	487922.6	3666059.9	212.4	0.00	1.70	1.70
NO								
L0000185	0	0.30380E-07	487919.4	3666061.6	212.6	0.00	1.70	1.70
NO								
L0000186	0	0.30380E-07	487916.1	3666063.2	212.8	0.00	1.70	1.70
NO								
L0000187	0	0.30380E-07	487912.8	3666064.9	212.9	0.00	1.70	1.70
NO								

L0000188	0	0.30380E-07	487909.6	3666066.5	213.0	0.00	1.70	1.70
NO								
L0000189	0	0.30380E-07	487906.3	3666068.2	213.1	0.00	1.70	1.70
NO								
L0000190	0	0.30380E-07	487903.1	3666069.9	213.1	0.00	1.70	1.70
NO								
L0000191	0	0.30380E-07	487899.8	3666071.5	213.2	0.00	1.70	1.70
NO								
L0000192	0	0.30380E-07	487896.6	3666073.2	213.3	0.00	1.70	1.70
NO								
L0000193	0	0.30380E-07	487893.3	3666074.9	213.4	0.00	1.70	1.70
NO								
L0000194	0	0.30380E-07	487890.0	3666076.5	213.5	0.00	1.70	1.70
NO								
L0000195	0	0.30380E-07	487886.8	3666078.2	213.5	0.00	1.70	1.70
NO								
L0000196	0	0.30380E-07	487883.5	3666079.8	213.6	0.00	1.70	1.70
NO								
L0000197	0	0.30380E-07	487880.3	3666081.5	213.6	0.00	1.70	1.70
NO								
L0000198	0	0.30380E-07	487877.0	3666083.2	213.6	0.00	1.70	1.70
NO								
L0000199	0	0.30380E-07	487873.8	3666084.8	213.7	0.00	1.70	1.70
NO								
L0000200	0	0.30380E-07	487870.5	3666086.5	213.7	0.00	1.70	1.70
NO								

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\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.								
L0000201	0	0.30380E-07	487867.2	3666088.2	213.7	0.00	1.70	1.70	
NO									
L0000202	0	0.30380E-07	487864.0	3666089.8	213.7	0.00	1.70	1.70	
NO									
L0000203	0	0.30380E-07	487860.7	3666091.5	213.7	0.00	1.70	1.70	
NO									
L0000204	0	0.30380E-07	487857.5	3666093.2	213.6	0.00	1.70	1.70	
NO									
L0000205	0	0.30380E-07	487854.2	3666094.8	213.5	0.00	1.70	1.70	
NO									
L0000206	0	0.30380E-07	487850.9	3666096.5	213.5	0.00	1.70	1.70	
NO									
L0000207	0	0.30380E-07	487847.7	3666098.1	213.4	0.00	1.70	1.70	
NO									
L0000208	0	0.30380E-07	487844.4	3666099.8	213.4	0.00	1.70	1.70	
NO									
L0000209	0	0.30380E-07	487841.2	3666101.5	213.4	0.00	1.70	1.70	

NO								
L0000210	0	0.30380E-07	487837.9	3666103.1	213.4	0.00	1.70	1.70
NO								
L0000211	0	0.30380E-07	487834.7	3666104.8	213.4	0.00	1.70	1.70
NO								
L0000212	0	0.30380E-07	487831.4	3666106.5	213.3	0.00	1.70	1.70
NO								
L0000213	0	0.30380E-07	487828.1	3666108.1	213.2	0.00	1.70	1.70
NO								
L0000214	0	0.30380E-07	487824.9	3666109.8	213.1	0.00	1.70	1.70
NO								
L0000215	0	0.30380E-07	487821.6	3666111.4	213.0	0.00	1.70	1.70
NO								
L0000216	0	0.30380E-07	487818.4	3666113.1	212.8	0.00	1.70	1.70
NO								
L0000217	0	0.30380E-07	487815.1	3666114.8	212.6	0.00	1.70	1.70
NO								
L0000218	0	0.30380E-07	487811.9	3666116.4	212.4	0.00	1.70	1.70
NO								
L0000219	0	0.30380E-07	487808.6	3666118.1	212.2	0.00	1.70	1.70
NO								
L0000220	0	0.30380E-07	487805.3	3666119.8	212.1	0.00	1.70	1.70
NO								
L0000221	0	0.30380E-07	487802.1	3666121.4	211.9	0.00	1.70	1.70
NO								
L0000222	0	0.30380E-07	487798.8	3666123.1	211.8	0.00	1.70	1.70
NO								
L0000223	0	0.30380E-07	487795.6	3666124.7	211.6	0.00	1.70	1.70
NO								
L0000224	0	0.30380E-07	487792.3	3666126.4	211.5	0.00	1.70	1.70
NO								
L0000225	0	0.30380E-07	487789.1	3666128.1	211.3	0.00	1.70	1.70
NO								
L0000226	0	0.30380E-07	487785.8	3666129.7	211.1	0.00	1.70	1.70
NO								
L0000227	0	0.30380E-07	487782.5	3666131.4	211.0	0.00	1.70	1.70
NO								

L0000228	0	0.30380E-07	487779.3	3666133.1	210.8	0.00	1.70	1.70
NO								
L0000229	0	0.30380E-07	487776.0	3666134.7	210.7	0.00	1.70	1.70
NO								
L0000230	0	0.30380E-07	487772.8	3666136.4	210.5	0.00	1.70	1.70
NO								
L0000231	0	0.30380E-07	487769.5	3666138.0	210.3	0.00	1.70	1.70
NO								
L0000232	0	0.30380E-07	487766.2	3666139.7	210.1	0.00	1.70	1.70
NO								
L0000233	0	0.30380E-07	487763.0	3666141.4	209.9	0.00	1.70	1.70
NO								
L0000234	0	0.30380E-07	487759.7	3666143.0	209.7	0.00	1.70	1.70
NO								
L0000235	0	0.30380E-07	487756.5	3666144.7	209.5	0.00	1.70	1.70
NO								
L0000236	0	0.30380E-07	487753.2	3666146.4	209.4	0.00	1.70	1.70
NO								
L0000237	0	0.30380E-07	487750.0	3666148.0	209.3	0.00	1.70	1.70
NO								
L0000238	0	0.30380E-07	487746.7	3666149.7	209.1	0.00	1.70	1.70
NO								
L0000239	0	0.30380E-07	487743.4	3666151.3	208.9	0.00	1.70	1.70
NO								
L0000240	0	0.30380E-07	487740.2	3666153.0	208.7	0.00	1.70	1.70
NO								

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\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE SCALAR VARY			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.								
L0000241	0	0.30380E-07	487736.9	3666154.7	208.6	0.00	1.70	1.70	
NO									
L0000242	0	0.30380E-07	487733.7	3666156.3	208.4	0.00	1.70	1.70	
NO									
L0000243	0	0.30380E-07	487730.4	3666158.0	208.4	0.00	1.70	1.70	
NO									
L0000244	0	0.30380E-07	487727.2	3666159.7	208.5	0.00	1.70	1.70	
NO									
L0000245	0	0.30380E-07	487723.9	3666161.3	208.6	0.00	1.70	1.70	
NO									
L0000246	0	0.30380E-07	487720.6	3666163.0	208.6	0.00	1.70	1.70	
NO									
L0000247	0	0.30380E-07	487717.4	3666164.7	208.7	0.00	1.70	1.70	
NO									
L0000248	0	0.30380E-07	487714.1	3666166.3	208.6	0.00	1.70	1.70	
NO									
L0000249	0	0.30380E-07	487710.9	3666168.0	208.6	0.00	1.70	1.70	



NO								
L0000250	0	0.30380E-07	487707.6	3666169.6	208.6	0.00	1.70	1.70
NO								
L0000251	0	0.30380E-07	487704.3	3666171.3	208.4	0.00	1.70	1.70
NO								
L0000252	0	0.30380E-07	487701.1	3666173.0	208.2	0.00	1.70	1.70
NO								
L0000253	0	0.30380E-07	487697.8	3666174.6	208.1	0.00	1.70	1.70
NO								
L0000254	0	0.30380E-07	487694.6	3666176.3	207.9	0.00	1.70	1.70
NO								
L0000255	0	0.30380E-07	487691.3	3666178.0	207.7	0.00	1.70	1.70
NO								
L0000256	0	0.30380E-07	487688.1	3666179.6	207.6	0.00	1.70	1.70
NO								
L0000257	0	0.30380E-07	487684.8	3666181.3	207.5	0.00	1.70	1.70
NO								
L0000258	0	0.30380E-07	487681.5	3666182.9	207.4	0.00	1.70	1.70
NO								
L0000259	0	0.30380E-07	487678.3	3666184.6	207.4	0.00	1.70	1.70
NO								
L0000260	0	0.30380E-07	487675.0	3666186.3	207.5	0.00	1.70	1.70
NO								
L0000261	0	0.30380E-07	487671.8	3666187.9	207.5	0.00	1.70	1.70
NO								
L0000262	0	0.30380E-07	487668.5	3666189.6	207.6	0.00	1.70	1.70
NO								
L0000263	0	0.30380E-07	487665.3	3666191.3	207.6	0.00	1.70	1.70
NO								
L0000264	0	0.30380E-07	487662.0	3666192.9	207.6	0.00	1.70	1.70
NO								
L0000265	0	0.30380E-07	487658.7	3666194.6	207.6	0.00	1.70	1.70
NO								
L0000266	0	0.30380E-07	487655.5	3666196.2	207.6	0.00	1.70	1.70
NO								
L0000267	0	0.30380E-07	487652.2	3666197.9	207.5	0.00	1.70	1.70
NO								

L0000268	0	0.30380E-07	487649.0	3666199.6	207.5	0.00	1.70	1.70
NO								
L0000269	0	0.30380E-07	487645.7	3666201.2	207.5	0.00	1.70	1.70
NO								
L0000270	0	0.30380E-07	487642.5	3666202.9	207.4	0.00	1.70	1.70
NO								
L0000271	0	0.30380E-07	487639.2	3666204.6	207.5	0.00	1.70	1.70
NO								
L0000272	0	0.30380E-07	487635.9	3666206.2	207.5	0.00	1.70	1.70
NO								
L0000273	0	0.30380E-07	487632.7	3666207.9	207.5	0.00	1.70	1.70
NO								
L0000274	0	0.30380E-07	487629.4	3666209.5	207.6	0.00	1.70	1.70
NO								
L0000275	0	0.30380E-07	487626.2	3666211.2	207.6	0.00	1.70	1.70
NO								

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 \*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* AREAPOLY SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE	LOCATION OF AREA		BASE	RELEASE	NUMBER	INIT.
SOURCE	SOURCE	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT	OF VERTS.	SZ
SOURCE	SCALAR VARY								
ID	CATS.		/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)		(METERS)
PAREA1	0	0.69208E-09	487906.8	3665817.7	217.7	5.00	7	0.00	
NO									
PAREA2	0	0.35361E-06	487924.2	3665821.0	216.2	5.00	8	0.00	
NO									

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 \*\*\* MODELOPTs:        RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID	SOURCE IDs									
-----	-----									
ALL	L0000001	,	L0000002	,	L0000003	,	L0000004	,	L0000005	,
L0000006	,	L0000007	,	L0000008	,					
	L0000009	,	L0000010	,	L0000011	,	L0000012	,	L0000013	,
L0000014	,	L0000015	,	L0000016	,					
	L0000017	,	L0000018	,	L0000019	,	L0000020	,	L0000021	,
L0000022	,	L0000023	,	L0000024	,					
	L0000025	,	L0000026	,	L0000027	,	L0000028	,	L0000029	,
L0000030	,	L0000031	,	L0000032	,					
	L0000033	,	L0000034	,	L0000035	,	L0000036	,	L0000037	,
L0000038	,	L0000039	,	L0000040	,					
	L0000041	,	L0000042	,	L0000043	,	L0000044	,	L0000045	,
L0000046	,	L0000047	,	L0000048	,					
	L0000049	,	L0000050	,	L0000051	,	L0000052	,	L0000053	,
L0000054	,	L0000055	,	L0000056	,					
	L0000057	,	L0000058	,	L0000059	,	L0000060	,	L0000061	,

L0000062	,	L0000063	,	L0000064	,		
L0000070	,	L0000065 L0000071	,	L0000066 L0000072	,	L0000067 L0000073	,
L0000078	,	L0000074 L0000079	,	L0000075 L0000080	,	L0000076 L0000077	,
L0000086	,	L0000081 L0000087	,	L0000082 L0000088	,	L0000083 L0000084	,
L0000094	,	L0000089 L0000095	,	L0000090 L0000096	,	L0000091 L0000092	,
L0000102	,	L0000097 L0000103	,	L0000098 L0000104	,	L0000099 L0000100	,
L0000110	,	L0000105 L0000111	,	L0000106 L0000112	,	L0000107 L0000108	,
L0000118	,	L0000113 L0000119	,	L0000114 L0000120	,	L0000115 L0000116	,
L0000126	,	L0000121 L0000127	,	L0000122 L0000128	,	L0000123 L0000124	,
L0000134	,	L0000129 L0000135	,	L0000130 L0000136	,	L0000131 L0000132	,
L0000142	,	L0000137 L0000143	,	L0000138 L0000144	,	L0000139 L0000140	,
L0000150	,	L0000145 L0000151	,	L0000146 L0000152	,	L0000147 L0000148	,
L0000158	,	L0000153 L0000159	,	L0000154 L0000160	,	L0000155 L0000156	,



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 \*\*\* MODELOPTs:        RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID	SOURCE IDs									
-----	-----									
L0000166	L0000161	,	L0000162	,	L0000163	,	L0000164	,	L0000165	,
	, L0000167		, L0000168		,					
L0000174	L0000169	,	L0000170	,	L0000171	,	L0000172	,	L0000173	,
	, L0000175		, L0000176		,					
L0000182	L0000177	,	L0000178	,	L0000179	,	L0000180	,	L0000181	,
	, L0000183		, L0000184		,					
L0000190	L0000185	,	L0000186	,	L0000187	,	L0000188	,	L0000189	,
	, L0000191		, L0000192		,					
L0000198	L0000193	,	L0000194	,	L0000195	,	L0000196	,	L0000197	,
	, L0000199		, L0000200		,					
L0000206	L0000201	,	L0000202	,	L0000203	,	L0000204	,	L0000205	,
	, L0000207		, L0000208		,					
L0000214	L0000209	,	L0000210	,	L0000211	,	L0000212	,	L0000213	,
	, L0000215		, L0000216		,					
	L0000217	,	L0000218	,	L0000219	,	L0000220	,	L0000221	,

L0000222	,	L0000223	,	L0000224	,			
		L0000225	,	L0000226	,	L0000227	,	L0000228
L0000230	,	L0000231	,	L0000232	,			
		L0000233	,	L0000234	,	L0000235	,	L0000236
L0000238	,	L0000239	,	L0000240	,			
		L0000241	,	L0000242	,	L0000243	,	L0000244
L0000246	,	L0000247	,	L0000248	,			
		L0000249	,	L0000250	,	L0000251	,	L0000252
L0000254	,	L0000255	,	L0000256	,			
		L0000257	,	L0000258	,	L0000259	,	L0000260
L0000262	,	L0000263	,	L0000264	,			
		L0000265	,	L0000266	,	L0000267	,	L0000268
L0000270	,	L0000271	,	L0000272	,			
		L0000273	,	L0000274	,	L0000275	,	PAREA1
								PAREA2



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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART \*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*  
(METERS)

487743.6, 487768.6, 487793.6, 487818.6, 487843.6, 487868.6, 487893.6,  
487918.6, 487943.6, 487968.6,  
487993.6, 488018.6, 488043.6, 488068.6, 488093.6,

\*\*\* Y-COORDINATES OF GRID \*\*\*  
(METERS)

3665658.9, 3665683.9, 3665708.9, 3665733.9, 3665758.9, 3665783.9, 3665808.9,  
3665833.9, 3665858.9, 3665883.9,  
3665908.9, 3665933.9, 3665958.9, 3665983.9, 3666008.9, 3666033.9, 3666058.9,  
3666083.9, 3666108.9, 3666133.9,

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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* NETWORK ID: UCART1    ;    NETWORK TYPE: GRIDCART \*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)		487743.58	487768.58	487793.58	487818.58	487843.58
487868.58	487893.58	487918.58	487943.58			
-----						
3666133.92		209.60	210.30	211.50	213.00	214.00
213.70	213.20	212.20	210.80			
3666108.92		210.40	210.80	211.50	212.70	213.70
213.80	213.50	212.70	211.40			
3666083.92		210.80	211.20	211.60	212.40	213.10
213.70	213.50	212.90	211.90			
3666058.92		210.90	211.40	212.10	212.60	213.20
213.60	213.20	212.50	211.40			
3666033.92		211.80	212.50	212.40	213.00	213.70
213.60	212.30	211.50	211.00			
3666008.92		212.20	213.00	213.20	214.00	214.30
213.80	212.50	211.70	211.30			
3665983.92		212.70	213.50	213.90	214.80	214.70
214.20	212.90	211.80	211.50			
3665958.92		213.10	213.80	214.40	215.30	215.20
214.70	213.40	211.90	211.50			
3665933.92		213.10	213.80	214.80	215.90	216.10
215.40	214.00	212.10	211.70			
3665908.92		213.50	214.20	215.10	215.80	216.50

216.10	214.60	212.20	211.80			
3665883.92		217.80	217.80	217.90	217.80	217.70
216.80	215.10	212.30	211.90			
3665858.92		219.20	219.00	218.80	218.60	218.30
217.70	216.10	212.70	212.20			
3665833.92		221.70	220.90	220.30	219.80	219.20
218.70	217.60	214.70	213.80			
3665808.92		226.20	224.20	223.00	221.90	220.50
219.70	219.20	217.50	216.40			
3665783.92		226.60	224.40	222.90	221.80	221.00
220.70	220.00	217.90	216.80			
3665758.92		230.40	228.40	226.70	225.30	224.00
222.40	220.80	218.90	218.30			
3665733.92		231.80	229.70	227.80	226.50	225.40
224.10	222.10	220.40	219.60			
3665708.92		233.80	231.40	229.50	228.00	226.80
225.50	223.60	222.00	220.80			
3665683.92		237.00	234.50	232.40	230.30	228.50
226.90	225.20	223.40	222.20			
3665658.92		240.30	237.70	235.20	232.20	229.90
228.40	226.50	224.40	223.50			

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\*\*\* MODELOPTs:      RegDFault    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* NETWORK ID: UCART1    ;    NETWORK TYPE: GRIDCART \*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	487968.58	487993.58	488018.58	488043.58	488068.58
488093.58					
3666133.92	209.80	209.20	209.00	208.90	209.60
210.70					
3666108.92	209.90	209.40	209.20	209.00	209.60
210.30					
3666083.92	210.40	209.50	209.30	209.10	210.00
209.40					
3666058.92	210.80	209.50	209.10	208.70	208.80
209.50					
3666033.92	210.40	209.20	208.90	208.50	208.80
209.50					
3666008.92	210.70	209.90	208.60	208.50	208.70
209.40					
3665983.92	211.00	210.60	208.70	209.00	208.60
209.00					
3665958.92	211.30	211.20	209.20	209.90	208.80
208.70					
3665933.92	211.50	211.60	209.80	210.60	209.20
209.50					
3665908.92	211.60	211.60	210.50	210.90	209.40

210.20						
3665883.92		211.70	211.90	211.30	211.40	211.10
211.30						
3665858.92		212.10	212.20	212.20	211.70	211.80
212.10						
3665833.92		213.40	213.10	212.90	212.40	212.40
212.70						
3665808.92		215.60	214.60	213.60	213.50	213.60
213.40						
3665783.92		216.30	215.20	214.10	214.10	214.70
213.60						
3665758.92		217.30	215.90	215.00	215.90	216.10
215.60						
3665733.92		218.60	217.20	216.10	216.50	216.50
216.20						
3665708.92		219.80	218.60	217.20	216.50	216.50
216.30						
3665683.92		221.00	219.90	217.90	216.50	216.50
216.30						
3665658.92		222.20	220.70	218.00	216.50	216.60
216.40						

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\*\*\* MODELOPTs:        RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* NETWORK ID: UCART1    ;    NETWORK TYPE: GRIDCART \*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)		487743.58	487768.58	487793.58	487818.58	487843.58
487868.58	487893.58	487918.58	487943.58			
-----						
3666133.92		209.60	210.30	211.50	213.00	214.00
213.70	213.20	212.20	210.80			
3666108.92		210.40	210.80	211.50	212.70	213.70
213.80	213.50	212.70	211.40			
3666083.92		210.80	211.20	211.60	212.40	213.10
213.70	213.50	212.90	211.90			
3666058.92		210.90	211.40	212.10	212.60	213.20
213.60	213.20	212.50	211.40			
3666033.92		235.60	212.50	212.40	213.00	213.70
213.60	212.30	211.50	211.00			
3666008.92		235.60	235.60	213.20	214.00	214.30
213.80	212.50	211.70	211.30			
3665983.92		245.60	235.60	235.60	214.80	214.70
214.20	212.90	211.80	211.50			
3665958.92		247.80	247.80	245.60	235.60	215.20
214.70	213.40	211.90	211.50			
3665933.92		247.80	247.80	247.80	245.60	216.10
215.40	214.00	212.10	211.70			
3665908.92		247.80	247.80	247.80	247.80	247.80

216.10	215.50	247.80	211.80			
3665883.92		247.80	247.80	247.80	247.80	247.80
247.80	247.80	247.80	247.80			
3665858.92		247.80	247.80	247.80	247.80	247.80
247.80	247.80	247.80	247.80			
3665833.92		247.80	247.80	247.80	247.80	247.80
247.80	247.80	247.80	247.80			
3665808.92		247.80	247.80	247.80	247.80	247.80
247.80	247.80	247.80	247.80			
3665783.92		247.80	247.80	247.80	247.80	247.80
247.80	247.80	247.80	247.80			
3665758.92		247.80	247.80	247.80	247.80	247.80
247.80	247.80	247.80	247.80			
3665733.92		247.80	247.80	247.80	247.80	247.80
247.80	247.80	247.80	247.80			
3665708.92		247.80	247.80	247.80	247.80	247.80
247.80	247.80	247.80	247.80			
3665683.92		247.80	247.80	247.80	247.80	247.80
247.80	247.80	247.80	247.80			
3665658.92		247.80	247.80	247.80	247.80	247.80
247.80	247.80	248.60	247.80			

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\*\*\* MODELOPTs:      RegDFault    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* NETWORK ID: UCART1    ;    NETWORK TYPE: GRIDCART \*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	487968.58	487993.58	488018.58	488043.58	488068.58
488093.58					
3666133.92	209.80	209.20	209.00	208.90	224.90
224.90					
3666108.92	209.90	209.40	209.20	209.00	209.60
210.30					
3666083.92	210.40	209.50	209.30	209.10	210.00
209.40					
3666058.92	210.80	209.50	209.10	208.70	208.80
209.50					
3666033.92	210.40	209.20	208.90	208.50	208.80
209.50					
3666008.92	210.70	209.90	208.60	208.50	208.70
209.40					
3665983.92	211.00	210.60	208.70	209.00	208.60
209.00					
3665958.92	211.30	211.20	209.20	209.90	208.80
208.70					
3665933.92	211.50	211.60	209.80	210.60	209.20
209.50					
3665908.92	211.60	211.60	210.50	210.90	209.40



210.20						
3665883.92	211.70	211.90	211.30	211.40	211.10	
211.30						
3665858.92	247.80	212.20	212.20	211.70	211.80	
212.10						
3665833.92	247.80	213.10	212.90	212.40	212.40	
212.70						
3665808.92	247.80	214.60	213.60	213.50	213.60	
213.40						
3665783.92	247.80	215.20	214.10	214.10	214.70	
213.60						
3665758.92	247.80	247.80	215.00	215.90	216.10	
215.60						
3665733.92	247.80	217.20	216.10	216.50	216.50	
216.20						
3665708.92	247.80	218.60	217.20	216.50	216.50	
216.30						
3665683.92	221.00	219.90	217.90	216.50	216.50	
216.30						
3665658.92	222.20	221.10	224.40	221.00	216.60	
216.40						

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 487872.0, 3665842.0,	218.3,	247.8,	0.0);	( 487872.0, 3665771.1,
221.5, 247.8, 0.0);				
( 487872.0, 3665707.1,	225.4,	247.8,	0.0);	( 487872.0, 3665812.6,
219.5, 247.8, 0.0);				
( 487874.2, 3666069.4,	213.6,	213.6,	0.0);	( 487777.1, 3666121.6,
210.8, 210.8, 0.0);				

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\*\*\* MODELOPTs:    RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE  
 PERFORMED \*  
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR  
 FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)    YR (METERS)		DISTANCE (METERS)
L0000059	488018.6	3665658.9	-2.09
L0000060	488018.6	3665658.9	-1.39
L0000169	487968.6	3666033.9	-0.57
L0000170	487968.6	3666033.9	-0.93
L0000184	487918.6	3666058.9	0.50
L0000185	487918.6	3666058.9	-0.90
L0000200	487868.6	3666083.9	-0.44
L0000201	487868.6	3666083.9	0.80
L0000215	487818.6	3666108.9	0.30
L0000216	487818.6	3666108.9	0.54
L0000231	487768.6	3666133.9	0.58



1.54, 3.09, 5.14, 8.23, 10.80,

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA \*\*\*

Surface file: MissionViejoADJU\MSVJ\_V9\_ADJU\MSVJ\_v9.SFC  
 Met Version: 16216  
 Profile file: MissionViejoADJU\MSVJ\_V9\_ADJU\MSVJ\_v9.PFL  
 Surface format: FREE  
 Profile format: FREE  
 Surface station no.: 93184 Upper air station no.: 3190  
 Name: UNKNOWN Name: UNKNOWN  
 Year: 2011 Year: 2011

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF
WS	WD	HT	REF	TA	HT											
11	01	01	1	01	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
1.30	54.			9.1	999.0	-9.0										
11	01	01	1	02	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
0.90	190.			9.1	999.0	-9.0										
11	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
0.90	133.			9.1	999.0	-9.0										
11	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
999.00	999.			-9.0	999.0	-9.0										
11	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
999.00	999.			-9.0	999.0	-9.0										
11	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
0.90	151.			9.1	999.0	-9.0										
11	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		

0.90	42.	9.1	999.0	-9.0								
11 01 01	1 08	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.53	
0.90	28.	9.1	999.0	-9.0								
11 01 01	1 09	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.31	
0.90	95.	9.1	999.0	-9.0								
11 01 01	1 10	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.24	
0.90	211.	9.1	999.0	-9.0								
11 01 01	1 11	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.21	
1.30	258.	9.1	999.0	-9.0								
11 01 01	1 12	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.20	
1.30	268.	9.1	999.0	-9.0								
11 01 01	1 13	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.20	
1.30	220.	9.1	999.0	-9.0								
11 01 01	1 14	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.21	
1.30	247.	9.1	999.0	-9.0								
11 01 01	1 15	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.25	
1.30	249.	9.1	999.0	-9.0								
11 01 01	1 16	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.33	
2.20	209.	9.1	999.0	-9.0								
11 01 01	1 17	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.61	
1.30	196.	9.1	999.0	-9.0								
11 01 01	1 18	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00	
0.90	132.	9.1	999.0	-9.0								
11 01 01	1 19	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00	
0.90	91.	9.1	999.0	-9.0								
11 01 01	1 20	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00	
0.90	67.	9.1	999.0	-9.0								
11 01 01	1 21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00	
0.90	72.	9.1	999.0	-9.0								
11 01 01	1 22	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00	
0.90	65.	9.1	999.0	-9.0								
11 01 01	1 23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00	
0.90	61.	9.1	999.0	-9.0								
11 01 01	1 24	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00	
0.90	41.	9.1	999.0	-9.0								

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
11	01	01	01	5.5	0	-999.	-99.00	-999.0	99.0	-99.00	-99.00
11	01	01	01	9.1	1	54.	1.30	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)



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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

   \*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION    VALUES FOR  
 SOURCE GROUP: ALL                      \*\*\*  
    INCLUDING SOURCE(S):      L0000001      ,    L0000002      ,  
 L0000003      ,    L0000004      ,    L0000005      ,  
    L0000006      ,    L0000007      ,    L0000008      ,    L0000009      ,    L0000010      ,  
 L0000011      ,    L0000012      ,    L0000013      ,  
    L0000014      ,    L0000015      ,    L0000016      ,    L0000017      ,    L0000018      ,  
 L0000019      ,    L0000020      ,    L0000021      ,  
    L0000022      ,    L0000023      ,    L0000024      ,    L0000025      ,    L0000026      ,  
 L0000027      ,    L0000028      ,    . . .      ,

   \*\*\* NETWORK ID: UCART1      ;    NETWORK TYPE: GRIDCART \*\*\*

   \*\* CONC OF DPM                      IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)					
487868.58	487818.58	487743.58	487768.58	487793.58	487943.58	487843.58
-----	-----	-----	-----	-----	-----	-----
3666133.92	0.03183	0.03545	0.03711	0.03758	0.03867	
0.03934	0.03950	0.03895	0.03765			
3666108.92	0.03380	0.03620	0.03911	0.04261	0.04474	
0.04463	0.04469	0.04406	0.04251			
3666083.92	0.03670	0.03930	0.04208	0.04515	0.04833	
0.05160	0.05222	0.05057	0.04857			
3666058.92	0.04012	0.04316	0.04653	0.04995	0.05329	

0.05614	0.05804	0.05887	0.05677			
3666033.92		0.04450	0.04822	0.05190	0.05614	0.06039
0.06368	0.06508	0.06516	0.06399			
3666008.92		0.04943	0.05395	0.05868	0.06413	0.06940
0.07364	0.07572	0.07588	0.07385			
3665983.92		0.05526	0.06082	0.06684	0.07389	0.08064
0.08664	0.09000	0.09029	0.08779			
3665958.92		0.06200	0.06889	0.07670	0.08583	0.09506
0.10379	0.10940	0.10995	0.10661			
3665933.92		0.06951	0.07821	0.08869	0.10100	0.11420
0.12713	0.13659	0.13795	0.13370			
3665908.92		0.07843	0.08958	0.10323	0.11945	0.13850
0.15939	0.17609	0.17897	0.17393			
3665883.92		0.09036	0.10432	0.12149	0.14298	0.16989
0.20370	0.23550	0.24392	0.23854			
3665858.92		0.10090	0.11864	0.14142	0.17122	0.21115
0.26554	0.33594	0.35777	0.35617			
3665833.92		0.10287	0.13286	0.16253	0.20336	0.26230
0.35045	0.48837	0.58981	0.57847			
3665808.92		0.09180	0.12131	0.15641	0.20629	0.31741
0.45406	0.69705	0.95501	0.78461			
3665783.92		0.09633	0.13101	0.17471	0.23581	0.37012
0.54601	0.89395	1.10384	0.86605			
3665758.92		0.07312	0.10275	0.14342	0.20128	0.29417
0.46883	0.94495	1.21369	0.94429			
3665733.92		0.06462	0.09277	0.13314	0.18483	0.26104
0.39566	0.69364	1.59580	1.10131			
3665708.92		0.05115	0.07615	0.10889	0.15158	0.20789
0.29460	0.48174	1.08038	1.58618			
3665683.92		0.03352	0.04953	0.07068	0.10236	0.14245
0.19006	0.24496	0.27504	0.28248			
3665658.92		0.02142	0.03096	0.04442	0.06835	0.09385
0.10750	0.11221	0.08575	0.05768			

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*** MODELOPTs:      RegDFault  CONC  ELEV  RURAL  ADJ_U*

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  VALUES FOR
SOURCE GROUP: ALL      ***
                        INCLUDING SOURCE(S):
L0000003      , L0000004      , L0000005      , L0000001      , L0000002      ,
                L0000006      , L0000007      , L0000008      , L0000009      , L0000010      ,
L0000011      , L0000012      , L0000013      , L0000014      , L0000015      , L0000016      , L0000017      , L0000018      ,
                L0000014      , L0000015      , L0000016      , L0000017      , L0000018      ,
L0000019      , L0000020      , L0000021      , L0000022      , L0000023      , L0000024      , L0000025      , L0000026      ,
                L0000022      , L0000023      , L0000024      , L0000025      , L0000026      ,
L0000027      , L0000028      , . . .      ,

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*** NETWORK ID: UCART1      ; NETWORK TYPE: GRIDCART ***

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** CONC OF DPM      IN MICROGRAMS/M**3

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\*\*

Y-COORD (METERS)	487968.58	487993.58	488018.58	488043.58	488068.58
488093.58					
3666133.92	0.03592	0.03389	0.03171	0.02942	0.02732
0.02535					
3666108.92	0.04020	0.03774	0.03508	0.03229	0.02977
0.02738					
3666083.92	0.04562	0.04234	0.03902	0.03561	0.03268
0.02951					
3666058.92	0.05261	0.04799	0.04361	0.03929	0.03546

0.03218					
3666033.92	0.06149	0.05590	0.04927	0.04367	0.03909
0.03517					
3666008.92	0.06947	0.06433	0.05621	0.04892	0.04321
0.03850					
3665983.92	0.08175	0.07473	0.06402	0.05541	0.04792
0.04207					
3665958.92	0.09850	0.08854	0.07410	0.06353	0.05353
0.04607					
3665933.92	0.12148	0.10659	0.08694	0.07317	0.06016
0.05123					
3665908.92	0.15418	0.12998	0.10345	0.08424	0.06749
0.05686					
3665883.92	0.20345	0.16281	0.12472	0.09762	0.07757
0.06332					
3665858.92	0.28338	0.20777	0.15168	0.11241	0.08729
0.06977					
3665833.92	0.41800	0.27058	0.18250	0.12908	0.09700
0.07588					
3665808.92	0.60149	0.34833	0.21380	0.14651	0.10718
0.08151					
3665783.92	0.70701	0.39795	0.23637	0.15878	0.11515
0.08523					
3665758.92	0.69688	0.40976	0.24567	0.16736	0.11947
0.08902					
3665733.92	0.62660	0.37554	0.23586	0.16080	0.11639
0.08814					
3665708.92	0.48423	0.29767	0.20149	0.14392	0.10776
0.08361					
3665683.92	0.25610	0.20102	0.15622	0.12038	0.09477
0.07620					
3665658.92	0.08662	0.11675	0.11105	0.09446	0.07928
0.06679					

```

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

```

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL      ***
                        INCLUDING SOURCE(S):
L0000003      , L0000004      , L0000005      , L0000001      , L0000002      ,
                L0000006      , L0000007      , L0000008      , L0000009      , L0000010      ,
L0000011      , L0000012      , L0000013      , L0000014      , L0000015      , L0000016      , L0000017      , L0000018      ,
                L0000014      , L0000015      , L0000016      , L0000017      , L0000018      ,
L0000019      , L0000020      , L0000021      , L0000022      , L0000023      , L0000024      , L0000025      , L0000026      ,
                L0000022      , L0000023      , L0000024      , L0000025      , L0000026      ,
L0000027      , L0000028      , . . .      ,

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

```

** CONC OF DPM      IN MICROGRAMS/M**3
**
X-COORD (M)      Y-COORD (M)      CONC      X-COORD (M)      Y-COORD (M)
CONC
-----
0.51003      487872.00      3665842.05      0.33301      487872.00      3665771.15
0.46161      487872.00      3665707.10      0.30428      487872.00      3665812.63
0.03634      487874.23      3666069.42      0.05434      487777.07      3666121.60

```

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR  
 SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002 ,  
 L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,  
 L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,  
 L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,  
 L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART \*\*\*

\*\* CONC OF DPM IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	487743.58	487768.58	487793.58
487818.58	487843.58		
-----			
-----			

3666133.9	1.30465 (14072006)	1.27980 (16032207)	1.51969 (16032207)
1.65284 (16032207)	1.60801 (16032207)		
3666108.9	1.42621 (14072006)	1.42465 (14072006)	1.56830 (16032207)
1.77294 (16032207)	1.78837 (16032207)		
3666083.9	1.51733 (14072006)	1.58860 (14072006)	1.59704 (16032207)
1.87429 (16032207)	1.95848 (16032207)		
3666058.9	1.56327 (14072006)	1.72895 (14072006)	1.75469 (14072006)

1.98121 (16032207)	2.16362 (16032207)		
3666033.9	1.58581 (14072006)	1.87122 (14072006)	1.97787 (14072006)
2.07169 (16032207)	2.39747 (16032207)		
3666008.9	1.52835 (14072006)	1.92742 (14072006)	2.19862 (14072006)
2.27297 (14072006)	2.63339 (16032207)		
3665983.9	1.53472 (14071306)	1.90567 (14072006)	2.34800 (14072006)
2.63527 (14072006)	2.82617 (16032207)		
3665958.9	1.99990 (14071306)	1.81480 (14071306)	2.39099 (14072006)
2.92227 (14072006)	3.04152 (14072006)		
3665933.9	2.38482 (14071306)	2.37404 (14071306)	2.28621 (14072006)
3.10087 (14072006)	3.60381 (14072006)		
3665908.9	2.62884 (14071306)	2.86881 (14071306)	2.93888 (14071306)
3.01503 (14072006)	3.96651 (14072006)		
3665883.9	2.78795 (14071306)	3.26520 (14071306)	3.61152 (14071306)
3.69748 (14071306)	3.99506 (14072006)		
3665858.9	2.89918 (11021008)	3.23603 (11021008)	3.74472 (14071306)
4.29613 (14071306)	4.54171 (14071306)		
3665833.9	2.78936 (14101607)	3.14039 (11021008)	3.68460 (11021008)
4.23077 (14071306)	5.06945 (14071306)		
3665808.9	2.17965 (14101607)	2.79644 (14101607)	3.30359 (14101607)
3.90333 (11021008)	4.81041 (11021008)		
3665783.9	2.08904 (16120808)	2.78123 (16120808)	3.40805 (16120808)
4.03336 (16120808)	4.65219 (14101607)		
3665758.9	1.37745 (11040107)	1.79623 (11040107)	2.24478 (11040107)
2.78994 (16120708)	3.53382 (16120808)		
3665733.9	1.30796 (16092407)	1.60620 (16092407)	1.96294 (16092407)
2.34289 (16100307)	2.86586 (16100607)		
3665708.9	1.17504 (16092407)	1.43875 (16092407)	1.71485 (16092407)
2.00836 (16092407)	2.42383 (16091707)		
3665683.9	1.11801 (16061806)	1.19878 (16061806)	1.29689 (16061806)
1.61703 (12052706)	2.24675 (12052706)		
3665658.9	0.99630 (16061806)	0.99859 (16061806)	1.01997 (12052706)
1.53588 (12052706)	1.99761 (12052706)		

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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

   \*\*\* THE    1ST HIGHEST    1-HR AVERAGE CONCENTRATION    VALUES FOR  
 SOURCE GROUP:    ALL                    \*\*\*  
    INCLUDING SOURCE(S):      L0000001      ,    L0000002      ,  
 L0000003      ,    L0000004      ,    L0000005      ,  
    L0000006      ,    L0000007      ,    L0000008      ,    L0000009      ,    L0000010      ,  
 L0000011      ,    L0000012      ,    L0000013      ,  
    L0000014      ,    L0000015      ,    L0000016      ,    L0000017      ,    L0000018      ,  
 L0000019      ,    L0000020      ,    L0000021      ,  
    L0000022      ,    L0000023      ,    L0000024      ,    L0000025      ,    L0000026      ,  
 L0000027      ,    L0000028      ,    . . .      ,

\*\*\* NETWORK ID: UCART1    ;    NETWORK TYPE: GRIDCART \*\*\*

\*\* CONC OF DPM                      IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	487868.58	487893.58	487918.58
487943.58	487968.58		
-----			
-----			

3666133.9	1.37613 (12061906)	1.55814 (14071906)	1.66414 (14071906)
1.56162 (14071906)	1.59746 (16091807)		
3666108.9	1.56797 (16032207)	1.68245 (14071906)	1.82639 (14071906)
1.71762 (14071906)	1.73989 (16091807)		
3666083.9	1.79586 (16032207)	1.81472 (14071906)	2.00491 (14071906)
1.89750 (14071906)	1.92128 (16091807)		
3666058.9	2.04866 (16032207)	1.93982 (14071906)	2.18313 (14071906)



2.06156 (14071906)	2.12881 (16091807)		
3666033.9	2.34532 (16032207)	2.05592 (12061906)	2.33892 (14071906)
2.24949 (14071906)	2.32390 (16091807)		
3666008.9	2.69377 (16032207)	2.26839 (12061906)	2.60555 (14071906)
2.51941 (14071906)	2.58608 (16091807)		
3665983.9	3.09547 (16032207)	2.68224 (16032207)	2.91746 (14071906)
2.86677 (16091807)	2.89698 (16091807)		
3665958.9	3.52924 (16032207)	3.26046 (16032207)	3.29335 (14071906)
3.28762 (16091807)	3.26076 (16091807)		
3665933.9	3.96956 (16032207)	3.98232 (16032207)	3.76082 (14071906)
3.84455 (16091807)	3.66644 (16091807)		
3665908.9	4.32105 (14072006)	4.82726 (16032207)	4.27854 (14071906)
4.54588 (16091807)	4.09253 (16091807)		
3665883.9	5.07178 (14072006)	5.60926 (16032207)	4.88291 (14071906)
5.41658 (16091807)	4.67548 (12021508)		
3665858.9	5.33991 (14072006)	6.40859 (16032207)	5.67652 (16032207)
6.42213 (16091807)	5.56955 (12021508)		
3665833.9	5.51920 (14071306)	6.95445 (14072006)	6.69090 (12052206)
6.78929 (16091807)	6.08726 (11051206)		
3665808.9	5.84784 (14071306)	6.73936 (14072006)	7.37698 (12052206)
7.33677 (16091807)	6.45307 (11020308)		
3665783.9	5.40042 (11021008)	6.66476 (14071306)	6.51209 (16101407)
6.23957 (14073105)	5.99925 (11020308)		
3665758.9	4.76025 (16120808)	6.35391 (14071306)	5.90997 (14031307)
5.44710 (12091702)	5.33296 (13051324)		
3665733.9	3.86837 (16121208)	6.32498 (11101007)	9.49251 (11121008)
6.85033 (16101621)	5.71179 (16101607)		
3665708.9	3.20652 (12052706)	5.52210 (11101007)	11.54633 (11121008)
11.88615 (16050706)	7.34396 (16101607)		
3665683.9	2.89336 (12052706)	4.34176 (12032107)	7.38517 (11121008)
10.88889 (16050706)	7.49754 (16101607)		
3665658.9	2.40914 (16091724)	3.58937 (16102921)	5.89928 (16050706)
6.29617 (16050706)	6.14881 (14012117)		

\*\*\* AERMOD - VERSION 21112 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Projects\Meyers Escondido -  
 Construction\Meyers \*\*\*                      11/28/22  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
 \*\*\*                      11:52:53

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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR  
 SOURCE GROUP: ALL                      \*\*\*  
    INCLUDING SOURCE(S):      L0000001      ,    L0000002      ,  
 L0000003      ,    L0000004      ,    L0000005      ,  
    L0000006      ,    L0000007      ,    L0000008      ,    L0000009      ,    L0000010      ,  
 L0000011      ,    L0000012      ,    L0000013      ,  
    L0000014      ,    L0000015      ,    L0000016      ,    L0000017      ,    L0000018      ,  
 L0000019      ,    L0000020      ,    L0000021      ,  
    L0000022      ,    L0000023      ,    L0000024      ,    L0000025      ,    L0000026      ,  
 L0000027      ,    L0000028      ,    . . .      ,

\*\*\* NETWORK ID: UCART1      ;    NETWORK TYPE: GRIDCART \*\*\*

\*\* CONC OF DPM                      IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	487993.58	488018.58	488043.58
488068.58	488093.58		
-----			
-----			

3666133.9	1.52349 (16091807)	1.29824 (16091807)	1.28699 (12021508)
1.28346 (12021508)	1.20297 (11051206)		
3666108.9	1.63295 (16091807)	1.35179 (16091807)	1.40625 (12021508)
1.35455 (12021508)	1.31701 (11051206)		
3666083.9	1.74740 (16091807)	1.50280 (12021508)	1.52863 (12021508)
1.42468 (12021508)	1.40700 (11051206)		
3666058.9	1.86552 (16091807)	1.67388 (12021508)	1.63075 (12021508)

1.53242 (11051206)	1.62766 (11091707)		
3666033.9	1.97715 (16091807)	1.85798 (12021508)	1.72590 (12021508)
1.68728 (11091707)	1.84132 (11091707)		
3666008.9	2.13490 (16091807)	2.04411 (12021508)	1.87276 (11051206)
1.97677 (11091707)	2.01011 (11091707)		
3665983.9	2.39943 (12021508)	2.23993 (12021508)	2.14102 (11091707)
2.23941 (11091707)	2.08557 (11091707)		
3665958.9	2.82058 (12021508)	2.43631 (11051206)	2.60918 (11091707)
2.43857 (11091707)	2.26043 (14101007)		
3665933.9	3.26931 (12021508)	2.89354 (11091707)	3.01633 (11091707)
2.61659 (14101007)	2.51277 (14101007)		
3665908.9	3.65695 (12021508)	3.55640 (11091707)	3.20983 (11091707)
2.92241 (14101007)	2.70961 (12100607)		
3665883.9	4.31575 (11091707)	4.02919 (11091707)	3.65026 (14101007)
3.23252 (12100607)	2.83998 (12100607)		
3665858.9	5.13673 (11091707)	4.47006 (14101007)	3.84894 (12100607)
3.27509 (12100607)	2.62155 (12100607)		
3665833.9	5.31537 (14101007)	4.62358 (12100607)	3.76549 (12100607)
2.89110 (12100607)	2.18537 (12061606)		
3665808.9	5.40872 (14101007)	4.37027 (12100607)	3.28043 (12100607)
2.72174 (13091507)	2.29415 (13091507)		
3665783.9	5.04923 (12100607)	3.89187 (13091507)	3.52147 (16052106)
3.29232 (16052106)	2.83186 (16052106)		
3665758.9	4.85317 (13091507)	4.45996 (16052106)	4.41461 (16052106)
3.99053 (16052106)	3.49224 (16052106)		
3665733.9	5.14745 (11070306)	4.87408 (16052106)	4.44693 (16052106)
3.93638 (16052106)	3.47971 (16052106)		
3665708.9	5.77069 (11070506)	4.82765 (11070306)	4.05141 (11070306)
3.32748 (11070306)	2.86836 (16052106)		
3665683.9	6.23002 (16101607)	5.24073 (11070506)	4.19268 (11070506)
3.50839 (11070306)	3.00003 (11070306)		
3665658.9	5.74956 (16101607)	5.27506 (16101607)	4.45976 (11070506)
3.67422 (11070506)	2.89696 (11070506)		

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Projects\Meyers Escondido -  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR  
 SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002 ,  
 L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,  
 L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,  
 L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,  
 L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF DPM IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M) (M)	Y-COORD (M) (YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
487872.00	3665842.05	5.41783	(14072006)	487872.00	
3665771.15	5.23175 (14101607)				
487872.00	3665707.10	3.39375	(12020808)	487872.00	
3665812.63	5.96433 (14071306)				
487874.23	3666069.42	1.86225	(16032207)	487777.07	
3666121.60	1.37478 (16032207)				

\*\*\* AERMOD - VERSION 21112 \*\*\*    \*\*\* C:\Lakes\AERMOD View\Projects\Meyers Escondido -  
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\*\*\* MODELOPTs:        RegDFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43848 HRS)

RESULTS \*\*\*

\*\* CONC OF DPM                    IN MICROGRAMS/M\*\*3

\*\*

NETWORK

GROUP ID	ZFLAG)	OF TYPE	GRID-ID	AVERAGE CONC	RECEPTOR	(XR, YR, ZELEV, ZHILL,
ALL	1ST HIGHEST VALUE IS			1.59580 AT (	487918.58,	3665733.92, 220.40,
247.80,	0.00)	GC	UCART1			
	2ND HIGHEST VALUE IS			1.58618 AT (	487943.58,	3665708.92, 220.80,
247.80,	0.00)	GC	UCART1			
	3RD HIGHEST VALUE IS			1.21369 AT (	487918.58,	3665758.92, 218.90,
247.80,	0.00)	GC	UCART1			
	4TH HIGHEST VALUE IS			1.10384 AT (	487918.58,	3665783.92, 217.90,
247.80,	0.00)	GC	UCART1			
	5TH HIGHEST VALUE IS			1.10131 AT (	487943.58,	3665733.92, 219.60,
247.80,	0.00)	GC	UCART1			
	6TH HIGHEST VALUE IS			1.08038 AT (	487918.58,	3665708.92, 222.00,
247.80,	0.00)	GC	UCART1			
	7TH HIGHEST VALUE IS			0.95501 AT (	487918.58,	3665808.92, 217.50,
247.80,	0.00)	GC	UCART1			
	8TH HIGHEST VALUE IS			0.94495 AT (	487893.58,	3665758.92, 220.80,

247.80, 0.00) GC UCART1  
9TH HIGHEST VALUE IS 0.94429 AT ( 487943.58, 3665758.92, 218.30,  
247.80, 0.00) GC UCART1  
10TH HIGHEST VALUE IS 0.89395 AT ( 487893.58, 3665783.92, 220.00,  
247.80, 0.00) GC UCART1

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

\*\*\* AERMOD - VERSION 21112 \*\*\*    \*\*\* C:\Lakes\AERMOD View\Projects\Meyers Escondido -  
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\*\*\* MODELOPTs:    RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* THE SUMMARY OF HIGHEST 1-HR RESULTS \*\*\*

\*\* CONC OF DPM            IN MICROGRAMS/M\*\*3

\*\*

NETWORK	DATE	AVERAGE CONC	RECEPTOR
GROUP ID (ZELEV, ZHILL, ZFLAG)	(YYMMDDHH)	(GRID-ID)	(XR, YR,
OF TYPE			
ALL	16050706	11.88615	UCART1
HIGH			
1ST HIGH VALUE IS			
220.80,			
247.80,			
0.00)			

\*\*\* RECEPTOR TYPES:    GC = GRIDCART  
                           GP = GRIDPOLR  
                           DC = DISCCART  
                           DP = DISCPOLR

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Projects\Meyers Escondido -  
Construction\Meyers \*\*\* 11/28/22  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 11:52:53

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* Message Summary : AERMOD Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
A Total of 4 Warning Message(s)  
A Total of 868 Informational Message(s)  
  
A Total of 43848 Hours Were Processed  
  
A Total of 15 Calm Hours Identified  
  
A Total of 853 Missing Hours Identified ( 1.95 Percent)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*

\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*

ME W186 646 MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used  
0.50  
ME W187 646 MEOPEN: ADJ\_U\* Option for Stable Low Winds used in AERMET  
MX W450 35065 CHKDAT: Record Out of Sequence in Meteorological File at:  
16010101  
MX W450 35065 CHKDAT: Record Out of Sequence in Meteorological File at: 1 year  
gap

\*\*\*\*\*



\*\*\* AERMOD Finishes Successfully \*\*\*  
\*\*\*\*\*

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.0.1
** Lakes Environmental Software Inc.
** Date: 11/28/2022
** File: C:\Lakes\AERMOD View\Projects\Meyers Construction Mitigated\Meyers Construction
Mitigated.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\Projects\Meyers Escondido - Construction\Meyers
  MODELOPT DEFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL "Meyers Construction Mitigated.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----
** Line Source Represented by Adjacent Volume Sources

```

```

** LINE VOLUME Source ID = OFFSITE
** DESCRSRC
** PREFIX
** Length of Side = 3.66
** Configuration = Adjacent
** Emission Rate = 0.000011
** Vertical Dimension = 3.66
** SZINIT = 1.70
** Nodes = 7
** 488221.470, 3665622.492, 216.23, 0.00, 1.70
** 488073.428, 3665622.492, 216.42, 0.00, 1.70
** 488050.163, 3665630.976, 216.97, 0.00, 1.70
** 488019.079, 3665656.507, 218.16, 0.00, 1.70
** 488003.476, 3665690.770, 218.70, 0.00, 1.70
** 488006.482, 3666017.093, 208.77, 0.00, 1.70
** 487624.553, 3666212.032, 207.56, 0.00, 1.70

```

```

** -----
LOCATION L0000001      VOLUME  488219.641 3665622.492 216.18
LOCATION L0000002      VOLUME  488215.983 3665622.492 216.16
LOCATION L0000003      VOLUME  488212.326 3665622.492 216.15
LOCATION L0000004      VOLUME  488208.668 3665622.492 216.13
LOCATION L0000005      VOLUME  488205.011 3665622.492 216.11
LOCATION L0000006      VOLUME  488201.353 3665622.492 216.10
LOCATION L0000007      VOLUME  488197.695 3665622.492 216.08
LOCATION L0000008      VOLUME  488194.038 3665622.492 216.07
LOCATION L0000009      VOLUME  488190.380 3665622.492 216.07
LOCATION L0000010      VOLUME  488186.723 3665622.492 216.07
LOCATION L0000011      VOLUME  488183.065 3665622.492 216.06
LOCATION L0000012      VOLUME  488179.407 3665622.492 216.06
LOCATION L0000013      VOLUME  488175.750 3665622.492 216.05
LOCATION L0000014      VOLUME  488172.092 3665622.492 216.05
LOCATION L0000015      VOLUME  488168.435 3665622.492 216.03
LOCATION L0000016      VOLUME  488164.777 3665622.492 216.00
LOCATION L0000017      VOLUME  488161.119 3665622.492 215.97
LOCATION L0000018      VOLUME  488157.462 3665622.492 215.95
LOCATION L0000019      VOLUME  488153.804 3665622.492 215.92
LOCATION L0000020      VOLUME  488150.147 3665622.492 215.89

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LOCATION	L0000021	VOLUME	488146.489	3665622.492	215.87
LOCATION	L0000022	VOLUME	488142.831	3665622.492	215.85
LOCATION	L0000023	VOLUME	488139.174	3665622.492	215.84
LOCATION	L0000024	VOLUME	488135.516	3665622.492	215.83
LOCATION	L0000025	VOLUME	488131.859	3665622.492	215.82
LOCATION	L0000026	VOLUME	488128.201	3665622.492	215.81
LOCATION	L0000027	VOLUME	488124.543	3665622.492	215.80
LOCATION	L0000028	VOLUME	488120.886	3665622.492	215.79
LOCATION	L0000029	VOLUME	488117.228	3665622.492	215.80
LOCATION	L0000030	VOLUME	488113.571	3665622.492	215.82
LOCATION	L0000031	VOLUME	488109.913	3665622.492	215.84
LOCATION	L0000032	VOLUME	488106.255	3665622.492	215.85
LOCATION	L0000033	VOLUME	488102.598	3665622.492	215.87
LOCATION	L0000034	VOLUME	488098.940	3665622.492	215.89
LOCATION	L0000035	VOLUME	488095.283	3665622.492	215.90
LOCATION	L0000036	VOLUME	488091.625	3665622.492	215.96
LOCATION	L0000037	VOLUME	488087.967	3665622.492	216.04
LOCATION	L0000038	VOLUME	488084.310	3665622.492	216.11
LOCATION	L0000039	VOLUME	488080.652	3665622.492	216.19
LOCATION	L0000040	VOLUME	488076.995	3665622.492	216.27
LOCATION	L0000041	VOLUME	488073.343	3665622.524	216.35
LOCATION	L0000042	VOLUME	488069.906	3665623.777	216.40
LOCATION	L0000043	VOLUME	488066.470	3665625.030	216.46
LOCATION	L0000044	VOLUME	488063.034	3665626.283	216.54
LOCATION	L0000045	VOLUME	488059.597	3665627.535	216.63
LOCATION	L0000046	VOLUME	488056.161	3665628.788	216.72
LOCATION	L0000047	VOLUME	488052.725	3665630.041	216.82
LOCATION	L0000048	VOLUME	488049.444	3665631.566	216.90
LOCATION	L0000049	VOLUME	488046.617	3665633.888	216.94
LOCATION	L0000050	VOLUME	488043.791	3665636.209	216.96
LOCATION	L0000051	VOLUME	488040.965	3665638.531	217.09
LOCATION	L0000052	VOLUME	488038.138	3665640.853	217.35
LOCATION	L0000053	VOLUME	488035.312	3665643.174	217.58
LOCATION	L0000054	VOLUME	488032.485	3665645.496	217.77
LOCATION	L0000055	VOLUME	488029.659	3665647.817	217.93
LOCATION	L0000056	VOLUME	488026.833	3665650.139	218.05
LOCATION	L0000057	VOLUME	488024.006	3665652.460	218.14

LOCATION	L0000058	VOLUME	488021.180	3665654.782	218.19
LOCATION	L0000059	VOLUME	488018.690	3665657.362	218.16
LOCATION	L0000060	VOLUME	488017.174	3665660.691	218.02
LOCATION	L0000061	VOLUME	488015.658	3665664.019	218.13
LOCATION	L0000062	VOLUME	488014.142	3665667.348	218.27
LOCATION	L0000063	VOLUME	488012.627	3665670.677	218.40
LOCATION	L0000064	VOLUME	488011.111	3665674.005	218.52
LOCATION	L0000065	VOLUME	488009.595	3665677.334	218.62
LOCATION	L0000066	VOLUME	488008.079	3665680.663	218.71
LOCATION	L0000067	VOLUME	488006.563	3665683.992	218.79
LOCATION	L0000068	VOLUME	488005.047	3665687.320	218.85
LOCATION	L0000069	VOLUME	488003.532	3665690.649	218.90
LOCATION	L0000070	VOLUME	488003.509	3665694.294	218.72
LOCATION	L0000071	VOLUME	488003.543	3665697.952	218.54
LOCATION	L0000072	VOLUME	488003.576	3665701.609	218.35
LOCATION	L0000073	VOLUME	488003.610	3665705.267	218.17
LOCATION	L0000074	VOLUME	488003.644	3665708.924	217.99
LOCATION	L0000075	VOLUME	488003.677	3665712.582	217.80
LOCATION	L0000076	VOLUME	488003.711	3665716.239	217.62
LOCATION	L0000077	VOLUME	488003.745	3665719.897	217.44
LOCATION	L0000078	VOLUME	488003.778	3665723.554	217.25
LOCATION	L0000079	VOLUME	488003.812	3665727.211	217.04
LOCATION	L0000080	VOLUME	488003.846	3665730.869	216.84
LOCATION	L0000081	VOLUME	488003.879	3665734.526	216.64
LOCATION	L0000082	VOLUME	488003.913	3665738.184	216.43
LOCATION	L0000083	VOLUME	488003.947	3665741.841	216.23
LOCATION	L0000084	VOLUME	488003.980	3665745.499	216.03
LOCATION	L0000085	VOLUME	488004.014	3665749.156	215.82
LOCATION	L0000086	VOLUME	488004.048	3665752.814	215.63
LOCATION	L0000087	VOLUME	488004.082	3665756.471	215.52
LOCATION	L0000088	VOLUME	488004.115	3665760.128	215.40
LOCATION	L0000089	VOLUME	488004.149	3665763.786	215.29
LOCATION	L0000090	VOLUME	488004.183	3665767.443	215.17
LOCATION	L0000091	VOLUME	488004.216	3665771.101	215.06
LOCATION	L0000092	VOLUME	488004.250	3665774.758	214.95
LOCATION	L0000093	VOLUME	488004.284	3665778.416	214.83
LOCATION	L0000094	VOLUME	488004.317	3665782.073	214.72

LOCATION	L0000095	VOLUME	488004.351	3665785.731	214.62
LOCATION	L0000096	VOLUME	488004.385	3665789.388	214.54
LOCATION	L0000097	VOLUME	488004.418	3665793.045	214.46
LOCATION	L0000098	VOLUME	488004.452	3665796.703	214.38
LOCATION	L0000099	VOLUME	488004.486	3665800.360	214.29
LOCATION	L0000100	VOLUME	488004.520	3665804.018	214.21
LOCATION	L0000101	VOLUME	488004.553	3665807.675	214.13
LOCATION	L0000102	VOLUME	488004.587	3665811.333	214.05
LOCATION	L0000103	VOLUME	488004.621	3665814.990	213.94
LOCATION	L0000104	VOLUME	488004.654	3665818.648	213.77
LOCATION	L0000105	VOLUME	488004.688	3665822.305	213.59
LOCATION	L0000106	VOLUME	488004.722	3665825.962	213.42
LOCATION	L0000107	VOLUME	488004.755	3665829.620	213.25
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LOCATION	L0000109	VOLUME	488004.823	3665836.935	212.90
LOCATION	L0000110	VOLUME	488004.856	3665840.592	212.73
LOCATION	L0000111	VOLUME	488004.890	3665844.250	212.56
LOCATION	L0000112	VOLUME	488004.924	3665847.907	212.46
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LOCATION	L0000114	VOLUME	488004.991	3665855.222	212.29
LOCATION	L0000115	VOLUME	488005.025	3665858.879	212.20
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LOCATION	L0000117	VOLUME	488005.092	3665866.194	212.03
LOCATION	L0000118	VOLUME	488005.126	3665869.852	211.94
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LOCATION	L0000123	VOLUME	488005.294	3665888.139	211.50
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LOCATION	L0000125	VOLUME	488005.362	3665895.454	211.32
LOCATION	L0000126	VOLUME	488005.395	3665899.111	211.23
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LOCATION	L0000129	VOLUME	488005.497	3665910.084	211.00
LOCATION	L0000130	VOLUME	488005.530	3665913.741	210.94
LOCATION	L0000131	VOLUME	488005.564	3665917.399	210.89

LOCATION	L0000132	VOLUME	488005.598	3665921.056	210.83
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LOCATION	L0000135	VOLUME	488005.699	3665932.028	210.66
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LOCATION	L0000141	VOLUME	488005.901	3665953.973	210.23
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LOCATION	L0000143	VOLUME	488005.968	3665961.288	210.08
LOCATION	L0000144	VOLUME	488006.002	3665964.945	210.00
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LOCATION	L0000152	VOLUME	488006.271	3665994.205	209.36
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LOCATION	L0000170	VOLUME	487968.229	3666036.618	210.51
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LOCATION	L0000172	VOLUME	487961.714	3666039.943	210.80
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LOCATION	L0000206	VOLUME	487850.949	3666096.478	213.46
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LOCATION	L0000219	VOLUME	487808.598	3666118.094	212.22
LOCATION	L0000220	VOLUME	487805.340	3666119.757	212.08
LOCATION	L0000221	VOLUME	487802.082	3666121.420	211.93
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LOCATION	L0000225	VOLUME	487789.051	3666128.071	211.30
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LOCATION	L0000228	VOLUME	487779.278	3666133.059	210.83
LOCATION	L0000229	VOLUME	487776.020	3666134.722	210.67
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LOCATION	L0000242	VOLUME	487733.669	3666156.338	208.43

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LOCATION	L0000244	VOLUME	487727.153	3666159.664	208.50
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LOCATION	L0000248	VOLUME	487714.122	3666166.315	208.64
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LOCATION	L0000260	VOLUME	487675.029	3666186.269	207.46
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LOCATION	L0000269	VOLUME	487645.709	3666201.234	207.45
LOCATION	L0000270	VOLUME	487642.451	3666202.897	207.44
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LOCATION	L0000273	VOLUME	487632.677	3666207.885	207.52
LOCATION	L0000274	VOLUME	487629.420	3666209.548	207.57
LOCATION	L0000275	VOLUME	487626.162	3666211.211	207.63
**	End of LINE	VOLUME	Source ID = OFFSITE		
LOCATION	PAREA1	AREAPOLY	487906.769	3665817.654	217.690
**	DESCRSRC	Grading, Paving, and Coating			
LOCATION	PAREA2	AREAPOLY	487924.234	3665820.982	216.230

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** DESCRSRC Building
** Source Parameters **
** LINE VOLUME Source ID = OFFSITE
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SRCPARAM	L0000229	0.00000004	0.00	1.70	1.70
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SRCPARAM	L0000235	0.00000004	0.00	1.70	1.70
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SRCPARAM	L0000238	0.00000004	0.00	1.70	1.70
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SRCPARAM	L0000244	0.00000004	0.00	1.70	1.70
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SRCPARAM	L0000264	0.00000004	0.00	1.70	1.70
SRCPARAM	L0000265	0.00000004	0.00	1.70	1.70
SRCPARAM	L0000266	0.00000004	0.00	1.70	1.70
SRCPARAM	L0000267	0.00000004	0.00	1.70	1.70
SRCPARAM	L0000268	0.00000004	0.00	1.70	1.70
SRCPARAM	L0000269	0.00000004	0.00	1.70	1.70
SRCPARAM	L0000270	0.00000004	0.00	1.70	1.70
SRCPARAM	L0000271	0.00000004	0.00	1.70	1.70
SRCPARAM	L0000272	0.00000004	0.00	1.70	1.70
SRCPARAM	L0000273	0.00000004	0.00	1.70	1.70
SRCPARAM	L0000274	0.00000004	0.00	1.70	1.70
SRCPARAM	L0000275	0.00000004	0.00	1.70	1.70

\*\*

SRCPARAM	PAREA1	7.4325E-11	5.000	7	
AREAVERT	PAREA1	487906.769	3665817.654	487912.121	3665835.766
AREAVERT	PAREA1	487991.269	3665835.212	487990.522	3665696.038
AREAVERT	PAREA1	487949.404	3665671.077	487895.202	3665669.942
AREAVERT	PAREA1	487896.120	3665806.133		
SRCPARAM	PAREA2	4.2746E-08	5.000	8	
AREAVERT	PAREA2	487924.234	3665820.982	487956.286	3665821.247
AREAVERT	PAREA2	487957.370	3665691.378	487948.950	3665691.378
AREAVERT	PAREA2	487947.852	3665685.521	487913.808	3665685.887
AREAVERT	PAREA2	487914.541	3665798.634	487924.790	3665799.000
SRCGROUP	ALL				

SO FINISHED

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\*\* AERMOD Receptor Pathway

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**
RE STARTING
  INCLUDED "Meyers Construction Mitigated.rou"
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE MissionViejoADJU\MSVJ_V9_ADJU\MSVJ_v9.SFC
  PROFFILE MissionViejoADJU\MSVJ_V9_ADJU\MSVJ_v9.PFL
  SURFDATA 93184 2011
  UAIRDATA 3190 2011
  SITEDATA 99999 2011
  PROFBASE 646.0 FEET
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST "MEYERS CONSTRUCTION MITIGATED.AD\01H1GALL.PLT" 31
  PLOTFILE PERIOD ALL "MEYERS CONSTRUCTION MITIGATED.AD\PE00GALL.PLT" 32
  SUMMFILE "Meyers Construction Mitigated.sum"
OU FINISHED

```

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*** Message Summary For AERMOD Model Setup ***

----- Summary of Total Messages -----

```

A Total of 0 Fatal Error Message(s)  
A Total of 2 Warning Message(s)  
A Total of 0 Informational Message(s)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
ME W186 646 MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used  
0.50  
ME W187 646 MEOPEN: ADJ\_U\* Option for Stable Low Winds used in AERMET

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Projects\Meyers Escondido -  
Construction\Meyers \*\*\* 11/28/22  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 15:23:54

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

---  
---  
\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

\*\*NO GAS DEPOSITION Data Provided.

\*\*NO PARTICLE DEPOSITION Data Provided.

\*\*Model Uses NO DRY DEPLETION. DRYDPLT = F

\*\*Model Uses NO WET DEPLETION. WETDPLT = F

\*\*Model Uses RURAL Dispersion Only.

\*\*Model Uses Regulatory DEFAULT Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.

\*\*Other Options Specified:

ADJ\_U\* - Use ADJ\_U\* option for SBL in AERMET

TEMP\_Sub - Meteorological data includes TEMP substitutions

\*\*Model Assumes No FLAGPOLE Receptor Heights.

\*\*The User Specified a Pollutant Type of: DPM

\*\*Model Calculates 1 Short Term Average(s) of: 1-HR  
and Calculates PERIOD Averages

\*\*This Run Includes: 277 Source(s); 1 Source Group(s); and 6 Receptor(s)  
with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 275 VOLUME source(s)  
and: 2 AREA type source(s)  
and: 0 LINE source(s)  
and: 0 RLINE/RLINEXT source(s)  
and: 0 OPENPIT source(s)  
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)

\*\*Model Set To Continue RUNNING After the Setup Testing.

\*\*The AERMET Input Meteorological Data Version Date: 16216

\*\*Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor  
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)  
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)  
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and Missing

Hours

\*\*Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 196.90 ; Decay Coef. =  
0.000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ; Emission Rate  
Unit Factor = 0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 3.7 MB of RAM.

\*\*Input Runstream File: aermod.inp  
\*\*Output Print File: aermod.out  
  
\*\*Detailed Error/Message File: Meyers Construction Mitigated.err  
\*\*File for Summary of Results: Meyers Construction Mitigated.sum

\*\*\* AERMOD - VERSION 21112 \*\*\*    \*\*\* C:\Lakes\AERMOD View\Projects\Meyers Escondido -  
 Construction\Meyers \*\*\*            11/28/22  
 \*\*\* AERMET - VERSION 16216 \*\*\*    \*\*\*  
 \*\*\*                    15:23:54

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 \*\*\* MODELOPTs:    RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.								
L0000001	0	0.40000E-07	488219.6	3665622.5	216.2	0.00	1.70	1.70	
NO									
L0000002	0	0.40000E-07	488216.0	3665622.5	216.2	0.00	1.70	1.70	
NO									
L0000003	0	0.40000E-07	488212.3	3665622.5	216.2	0.00	1.70	1.70	
NO									
L0000004	0	0.40000E-07	488208.7	3665622.5	216.1	0.00	1.70	1.70	
NO									
L0000005	0	0.40000E-07	488205.0	3665622.5	216.1	0.00	1.70	1.70	
NO									
L0000006	0	0.40000E-07	488201.4	3665622.5	216.1	0.00	1.70	1.70	
NO									
L0000007	0	0.40000E-07	488197.7	3665622.5	216.1	0.00	1.70	1.70	
NO									
L0000008	0	0.40000E-07	488194.0	3665622.5	216.1	0.00	1.70	1.70	
NO									
L0000009	0	0.40000E-07	488190.4	3665622.5	216.1	0.00	1.70	1.70	



NO								
L0000010	0	0.40000E-07	488186.7	3665622.5	216.1	0.00	1.70	1.70
NO								
L0000011	0	0.40000E-07	488183.1	3665622.5	216.1	0.00	1.70	1.70
NO								
L0000012	0	0.40000E-07	488179.4	3665622.5	216.1	0.00	1.70	1.70
NO								
L0000013	0	0.40000E-07	488175.8	3665622.5	216.1	0.00	1.70	1.70
NO								
L0000014	0	0.40000E-07	488172.1	3665622.5	216.1	0.00	1.70	1.70
NO								
L0000015	0	0.40000E-07	488168.4	3665622.5	216.0	0.00	1.70	1.70
NO								
L0000016	0	0.40000E-07	488164.8	3665622.5	216.0	0.00	1.70	1.70
NO								
L0000017	0	0.40000E-07	488161.1	3665622.5	216.0	0.00	1.70	1.70
NO								
L0000018	0	0.40000E-07	488157.5	3665622.5	216.0	0.00	1.70	1.70
NO								
L0000019	0	0.40000E-07	488153.8	3665622.5	215.9	0.00	1.70	1.70
NO								
L0000020	0	0.40000E-07	488150.1	3665622.5	215.9	0.00	1.70	1.70
NO								
L0000021	0	0.40000E-07	488146.5	3665622.5	215.9	0.00	1.70	1.70
NO								
L0000022	0	0.40000E-07	488142.8	3665622.5	215.9	0.00	1.70	1.70
NO								
L0000023	0	0.40000E-07	488139.2	3665622.5	215.8	0.00	1.70	1.70
NO								
L0000024	0	0.40000E-07	488135.5	3665622.5	215.8	0.00	1.70	1.70
NO								
L0000025	0	0.40000E-07	488131.9	3665622.5	215.8	0.00	1.70	1.70
NO								
L0000026	0	0.40000E-07	488128.2	3665622.5	215.8	0.00	1.70	1.70
NO								
L0000027	0	0.40000E-07	488124.5	3665622.5	215.8	0.00	1.70	1.70
NO								

L0000028	0	0.40000E-07	488120.9	3665622.5	215.8	0.00	1.70	1.70
NO								
L0000029	0	0.40000E-07	488117.2	3665622.5	215.8	0.00	1.70	1.70
NO								
L0000030	0	0.40000E-07	488113.6	3665622.5	215.8	0.00	1.70	1.70
NO								
L0000031	0	0.40000E-07	488109.9	3665622.5	215.8	0.00	1.70	1.70
NO								
L0000032	0	0.40000E-07	488106.3	3665622.5	215.9	0.00	1.70	1.70
NO								
L0000033	0	0.40000E-07	488102.6	3665622.5	215.9	0.00	1.70	1.70
NO								
L0000034	0	0.40000E-07	488098.9	3665622.5	215.9	0.00	1.70	1.70
NO								
L0000035	0	0.40000E-07	488095.3	3665622.5	215.9	0.00	1.70	1.70
NO								
L0000036	0	0.40000E-07	488091.6	3665622.5	216.0	0.00	1.70	1.70
NO								
L0000037	0	0.40000E-07	488088.0	3665622.5	216.0	0.00	1.70	1.70
NO								
L0000038	0	0.40000E-07	488084.3	3665622.5	216.1	0.00	1.70	1.70
NO								
L0000039	0	0.40000E-07	488080.7	3665622.5	216.2	0.00	1.70	1.70
NO								
L0000040	0	0.40000E-07	488077.0	3665622.5	216.3	0.00	1.70	1.70
NO								

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\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.								
L0000041	0	0.40000E-07	488073.3	3665622.5	216.4	0.00	1.70	1.70	
NO									
L0000042	0	0.40000E-07	488069.9	3665623.8	216.4	0.00	1.70	1.70	
NO									
L0000043	0	0.40000E-07	488066.5	3665625.0	216.5	0.00	1.70	1.70	
NO									
L0000044	0	0.40000E-07	488063.0	3665626.3	216.5	0.00	1.70	1.70	
NO									
L0000045	0	0.40000E-07	488059.6	3665627.5	216.6	0.00	1.70	1.70	
NO									
L0000046	0	0.40000E-07	488056.2	3665628.8	216.7	0.00	1.70	1.70	
NO									
L0000047	0	0.40000E-07	488052.7	3665630.0	216.8	0.00	1.70	1.70	
NO									
L0000048	0	0.40000E-07	488049.4	3665631.6	216.9	0.00	1.70	1.70	
NO									
L0000049	0	0.40000E-07	488046.6	3665633.9	216.9	0.00	1.70	1.70	

NO								
L0000050	0	0.40000E-07	488043.8	3665636.2	217.0	0.00	1.70	1.70
NO								
L0000051	0	0.40000E-07	488041.0	3665638.5	217.1	0.00	1.70	1.70
NO								
L0000052	0	0.40000E-07	488038.1	3665640.9	217.4	0.00	1.70	1.70
NO								
L0000053	0	0.40000E-07	488035.3	3665643.2	217.6	0.00	1.70	1.70
NO								
L0000054	0	0.40000E-07	488032.5	3665645.5	217.8	0.00	1.70	1.70
NO								
L0000055	0	0.40000E-07	488029.7	3665647.8	217.9	0.00	1.70	1.70
NO								
L0000056	0	0.40000E-07	488026.8	3665650.1	218.1	0.00	1.70	1.70
NO								
L0000057	0	0.40000E-07	488024.0	3665652.5	218.1	0.00	1.70	1.70
NO								
L0000058	0	0.40000E-07	488021.2	3665654.8	218.2	0.00	1.70	1.70
NO								
L0000059	0	0.40000E-07	488018.7	3665657.4	218.2	0.00	1.70	1.70
NO								
L0000060	0	0.40000E-07	488017.2	3665660.7	218.0	0.00	1.70	1.70
NO								
L0000061	0	0.40000E-07	488015.7	3665664.0	218.1	0.00	1.70	1.70
NO								
L0000062	0	0.40000E-07	488014.1	3665667.3	218.3	0.00	1.70	1.70
NO								
L0000063	0	0.40000E-07	488012.6	3665670.7	218.4	0.00	1.70	1.70
NO								
L0000064	0	0.40000E-07	488011.1	3665674.0	218.5	0.00	1.70	1.70
NO								
L0000065	0	0.40000E-07	488009.6	3665677.3	218.6	0.00	1.70	1.70
NO								
L0000066	0	0.40000E-07	488008.1	3665680.7	218.7	0.00	1.70	1.70
NO								
L0000067	0	0.40000E-07	488006.6	3665684.0	218.8	0.00	1.70	1.70
NO								

L0000068	0	0.40000E-07	488005.0	3665687.3	218.9	0.00	1.70	1.70
NO								
L0000069	0	0.40000E-07	488003.5	3665690.6	218.9	0.00	1.70	1.70
NO								
L0000070	0	0.40000E-07	488003.5	3665694.3	218.7	0.00	1.70	1.70
NO								
L0000071	0	0.40000E-07	488003.5	3665698.0	218.5	0.00	1.70	1.70
NO								
L0000072	0	0.40000E-07	488003.6	3665701.6	218.4	0.00	1.70	1.70
NO								
L0000073	0	0.40000E-07	488003.6	3665705.3	218.2	0.00	1.70	1.70
NO								
L0000074	0	0.40000E-07	488003.6	3665708.9	218.0	0.00	1.70	1.70
NO								
L0000075	0	0.40000E-07	488003.7	3665712.6	217.8	0.00	1.70	1.70
NO								
L0000076	0	0.40000E-07	488003.7	3665716.2	217.6	0.00	1.70	1.70
NO								
L0000077	0	0.40000E-07	488003.7	3665719.9	217.4	0.00	1.70	1.70
NO								
L0000078	0	0.40000E-07	488003.8	3665723.6	217.2	0.00	1.70	1.70
NO								
L0000079	0	0.40000E-07	488003.8	3665727.2	217.0	0.00	1.70	1.70
NO								
L0000080	0	0.40000E-07	488003.8	3665730.9	216.8	0.00	1.70	1.70
NO								

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\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE SCALAR VARY			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.								
L0000081	0	0.40000E-07	488003.9	3665734.5	216.6	0.00	1.70	1.70	
NO									
L0000082	0	0.40000E-07	488003.9	3665738.2	216.4	0.00	1.70	1.70	
NO									
L0000083	0	0.40000E-07	488003.9	3665741.8	216.2	0.00	1.70	1.70	
NO									
L0000084	0	0.40000E-07	488004.0	3665745.5	216.0	0.00	1.70	1.70	
NO									
L0000085	0	0.40000E-07	488004.0	3665749.2	215.8	0.00	1.70	1.70	
NO									
L0000086	0	0.40000E-07	488004.0	3665752.8	215.6	0.00	1.70	1.70	
NO									
L0000087	0	0.40000E-07	488004.1	3665756.5	215.5	0.00	1.70	1.70	
NO									
L0000088	0	0.40000E-07	488004.1	3665760.1	215.4	0.00	1.70	1.70	
NO									
L0000089	0	0.40000E-07	488004.1	3665763.8	215.3	0.00	1.70	1.70	

NO								
L0000090	0	0.40000E-07	488004.2	3665767.4	215.2	0.00	1.70	1.70
NO								
L0000091	0	0.40000E-07	488004.2	3665771.1	215.1	0.00	1.70	1.70
NO								
L0000092	0	0.40000E-07	488004.2	3665774.8	215.0	0.00	1.70	1.70
NO								
L0000093	0	0.40000E-07	488004.3	3665778.4	214.8	0.00	1.70	1.70
NO								
L0000094	0	0.40000E-07	488004.3	3665782.1	214.7	0.00	1.70	1.70
NO								
L0000095	0	0.40000E-07	488004.4	3665785.7	214.6	0.00	1.70	1.70
NO								
L0000096	0	0.40000E-07	488004.4	3665789.4	214.5	0.00	1.70	1.70
NO								
L0000097	0	0.40000E-07	488004.4	3665793.0	214.5	0.00	1.70	1.70
NO								
L0000098	0	0.40000E-07	488004.5	3665796.7	214.4	0.00	1.70	1.70
NO								
L0000099	0	0.40000E-07	488004.5	3665800.4	214.3	0.00	1.70	1.70
NO								
L0000100	0	0.40000E-07	488004.5	3665804.0	214.2	0.00	1.70	1.70
NO								
L0000101	0	0.40000E-07	488004.6	3665807.7	214.1	0.00	1.70	1.70
NO								
L0000102	0	0.40000E-07	488004.6	3665811.3	214.1	0.00	1.70	1.70
NO								
L0000103	0	0.40000E-07	488004.6	3665815.0	213.9	0.00	1.70	1.70
NO								
L0000104	0	0.40000E-07	488004.7	3665818.6	213.8	0.00	1.70	1.70
NO								
L0000105	0	0.40000E-07	488004.7	3665822.3	213.6	0.00	1.70	1.70
NO								
L0000106	0	0.40000E-07	488004.7	3665826.0	213.4	0.00	1.70	1.70
NO								
L0000107	0	0.40000E-07	488004.8	3665829.6	213.2	0.00	1.70	1.70
NO								

L0000108	0	0.40000E-07	488004.8	3665833.3	213.1	0.00	1.70	1.70
NO								
L0000109	0	0.40000E-07	488004.8	3665836.9	212.9	0.00	1.70	1.70
NO								
L0000110	0	0.40000E-07	488004.9	3665840.6	212.7	0.00	1.70	1.70
NO								
L0000111	0	0.40000E-07	488004.9	3665844.2	212.6	0.00	1.70	1.70
NO								
L0000112	0	0.40000E-07	488004.9	3665847.9	212.5	0.00	1.70	1.70
NO								
L0000113	0	0.40000E-07	488005.0	3665851.6	212.4	0.00	1.70	1.70
NO								
L0000114	0	0.40000E-07	488005.0	3665855.2	212.3	0.00	1.70	1.70
NO								
L0000115	0	0.40000E-07	488005.0	3665858.9	212.2	0.00	1.70	1.70
NO								
L0000116	0	0.40000E-07	488005.1	3665862.5	212.1	0.00	1.70	1.70
NO								
L0000117	0	0.40000E-07	488005.1	3665866.2	212.0	0.00	1.70	1.70
NO								
L0000118	0	0.40000E-07	488005.1	3665869.9	211.9	0.00	1.70	1.70
NO								
L0000119	0	0.40000E-07	488005.2	3665873.5	211.9	0.00	1.70	1.70
NO								
L0000120	0	0.40000E-07	488005.2	3665877.2	211.8	0.00	1.70	1.70
NO								



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\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE SCALAR VARY			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.								
L0000121	0	0.40000E-07	488005.2	3665880.8	211.7	0.00	1.70	1.70	
NO									
L0000122	0	0.40000E-07	488005.3	3665884.5	211.6	0.00	1.70	1.70	
NO									
L0000123	0	0.40000E-07	488005.3	3665888.1	211.5	0.00	1.70	1.70	
NO									
L0000124	0	0.40000E-07	488005.3	3665891.8	211.4	0.00	1.70	1.70	
NO									
L0000125	0	0.40000E-07	488005.4	3665895.5	211.3	0.00	1.70	1.70	
NO									
L0000126	0	0.40000E-07	488005.4	3665899.1	211.2	0.00	1.70	1.70	
NO									
L0000127	0	0.40000E-07	488005.4	3665902.8	211.1	0.00	1.70	1.70	
NO									
L0000128	0	0.40000E-07	488005.5	3665906.4	211.1	0.00	1.70	1.70	
NO									
L0000129	0	0.40000E-07	488005.5	3665910.1	211.0	0.00	1.70	1.70	

NO								
L0000130	0	0.40000E-07	488005.5	3665913.7	210.9	0.00	1.70	1.70
NO								
L0000131	0	0.40000E-07	488005.6	3665917.4	210.9	0.00	1.70	1.70
NO								
L0000132	0	0.40000E-07	488005.6	3665921.1	210.8	0.00	1.70	1.70
NO								
L0000133	0	0.40000E-07	488005.6	3665924.7	210.8	0.00	1.70	1.70
NO								
L0000134	0	0.40000E-07	488005.7	3665928.4	210.7	0.00	1.70	1.70
NO								
L0000135	0	0.40000E-07	488005.7	3665932.0	210.7	0.00	1.70	1.70
NO								
L0000136	0	0.40000E-07	488005.7	3665935.7	210.6	0.00	1.70	1.70
NO								
L0000137	0	0.40000E-07	488005.8	3665939.3	210.5	0.00	1.70	1.70
NO								
L0000138	0	0.40000E-07	488005.8	3665943.0	210.5	0.00	1.70	1.70
NO								
L0000139	0	0.40000E-07	488005.8	3665946.7	210.4	0.00	1.70	1.70
NO								
L0000140	0	0.40000E-07	488005.9	3665950.3	210.3	0.00	1.70	1.70
NO								
L0000141	0	0.40000E-07	488005.9	3665954.0	210.2	0.00	1.70	1.70
NO								
L0000142	0	0.40000E-07	488005.9	3665957.6	210.2	0.00	1.70	1.70
NO								
L0000143	0	0.40000E-07	488006.0	3665961.3	210.1	0.00	1.70	1.70
NO								
L0000144	0	0.40000E-07	488006.0	3665964.9	210.0	0.00	1.70	1.70
NO								
L0000145	0	0.40000E-07	488006.0	3665968.6	209.9	0.00	1.70	1.70
NO								
L0000146	0	0.40000E-07	488006.1	3665972.3	209.9	0.00	1.70	1.70
NO								
L0000147	0	0.40000E-07	488006.1	3665975.9	209.8	0.00	1.70	1.70
NO								

L0000148	0	0.40000E-07	488006.1	3665979.6	209.7	0.00	1.70	1.70
NO								
L0000149	0	0.40000E-07	488006.2	3665983.2	209.6	0.00	1.70	1.70
NO								
L0000150	0	0.40000E-07	488006.2	3665986.9	209.5	0.00	1.70	1.70
NO								
L0000151	0	0.40000E-07	488006.2	3665990.5	209.4	0.00	1.70	1.70
NO								
L0000152	0	0.40000E-07	488006.3	3665994.2	209.4	0.00	1.70	1.70
NO								
L0000153	0	0.40000E-07	488006.3	3665997.9	209.3	0.00	1.70	1.70
NO								
L0000154	0	0.40000E-07	488006.3	3666001.5	209.2	0.00	1.70	1.70
NO								
L0000155	0	0.40000E-07	488006.4	3666005.2	209.2	0.00	1.70	1.70
NO								
L0000156	0	0.40000E-07	488006.4	3666008.8	209.2	0.00	1.70	1.70
NO								
L0000157	0	0.40000E-07	488006.4	3666012.5	209.1	0.00	1.70	1.70
NO								
L0000158	0	0.40000E-07	488006.5	3666016.1	209.1	0.00	1.70	1.70
NO								
L0000159	0	0.40000E-07	488004.1	3666018.3	209.2	0.00	1.70	1.70
NO								
L0000160	0	0.40000E-07	488000.8	3666020.0	209.3	0.00	1.70	1.70
NO								

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\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.								
L0000161	0	0.40000E-07	487997.5	3666021.7	209.3	0.00	1.70	1.70	
NO									
L0000162	0	0.40000E-07	487994.3	3666023.3	209.4	0.00	1.70	1.70	
NO									
L0000163	0	0.40000E-07	487991.0	3666025.0	209.4	0.00	1.70	1.70	
NO									
L0000164	0	0.40000E-07	487987.8	3666026.6	209.5	0.00	1.70	1.70	
NO									
L0000165	0	0.40000E-07	487984.5	3666028.3	209.6	0.00	1.70	1.70	
NO									
L0000166	0	0.40000E-07	487981.3	3666030.0	209.7	0.00	1.70	1.70	
NO									
L0000167	0	0.40000E-07	487978.0	3666031.6	209.9	0.00	1.70	1.70	
NO									
L0000168	0	0.40000E-07	487974.7	3666033.3	210.1	0.00	1.70	1.70	
NO									
L0000169	0	0.40000E-07	487971.5	3666035.0	210.3	0.00	1.70	1.70	

NO								
L0000170	0	0.40000E-07	487968.2	3666036.6	210.5	0.00	1.70	1.70
NO								
L0000171	0	0.40000E-07	487965.0	3666038.3	210.7	0.00	1.70	1.70
NO								
L0000172	0	0.40000E-07	487961.7	3666039.9	210.8	0.00	1.70	1.70
NO								
L0000173	0	0.40000E-07	487958.5	3666041.6	210.9	0.00	1.70	1.70
NO								
L0000174	0	0.40000E-07	487955.2	3666043.3	211.0	0.00	1.70	1.70
NO								
L0000175	0	0.40000E-07	487951.9	3666044.9	211.0	0.00	1.70	1.70
NO								
L0000176	0	0.40000E-07	487948.7	3666046.6	211.1	0.00	1.70	1.70
NO								
L0000177	0	0.40000E-07	487945.4	3666048.3	211.2	0.00	1.70	1.70
NO								
L0000178	0	0.40000E-07	487942.2	3666049.9	211.3	0.00	1.70	1.70
NO								
L0000179	0	0.40000E-07	487938.9	3666051.6	211.4	0.00	1.70	1.70
NO								
L0000180	0	0.40000E-07	487935.7	3666053.2	211.5	0.00	1.70	1.70
NO								
L0000181	0	0.40000E-07	487932.4	3666054.9	211.7	0.00	1.70	1.70
NO								
L0000182	0	0.40000E-07	487929.1	3666056.6	211.9	0.00	1.70	1.70
NO								
L0000183	0	0.40000E-07	487925.9	3666058.2	212.1	0.00	1.70	1.70
NO								
L0000184	0	0.40000E-07	487922.6	3666059.9	212.4	0.00	1.70	1.70
NO								
L0000185	0	0.40000E-07	487919.4	3666061.6	212.6	0.00	1.70	1.70
NO								
L0000186	0	0.40000E-07	487916.1	3666063.2	212.8	0.00	1.70	1.70
NO								
L0000187	0	0.40000E-07	487912.8	3666064.9	212.9	0.00	1.70	1.70
NO								

L0000188	0	0.40000E-07	487909.6	3666066.5	213.0	0.00	1.70	1.70
NO								
L0000189	0	0.40000E-07	487906.3	3666068.2	213.1	0.00	1.70	1.70
NO								
L0000190	0	0.40000E-07	487903.1	3666069.9	213.1	0.00	1.70	1.70
NO								
L0000191	0	0.40000E-07	487899.8	3666071.5	213.2	0.00	1.70	1.70
NO								
L0000192	0	0.40000E-07	487896.6	3666073.2	213.3	0.00	1.70	1.70
NO								
L0000193	0	0.40000E-07	487893.3	3666074.9	213.4	0.00	1.70	1.70
NO								
L0000194	0	0.40000E-07	487890.0	3666076.5	213.5	0.00	1.70	1.70
NO								
L0000195	0	0.40000E-07	487886.8	3666078.2	213.5	0.00	1.70	1.70
NO								
L0000196	0	0.40000E-07	487883.5	3666079.8	213.6	0.00	1.70	1.70
NO								
L0000197	0	0.40000E-07	487880.3	3666081.5	213.6	0.00	1.70	1.70
NO								
L0000198	0	0.40000E-07	487877.0	3666083.2	213.6	0.00	1.70	1.70
NO								
L0000199	0	0.40000E-07	487873.8	3666084.8	213.7	0.00	1.70	1.70
NO								
L0000200	0	0.40000E-07	487870.5	3666086.5	213.7	0.00	1.70	1.70
NO								

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 \*\*\* MODELOPTs:    RegDFault    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.								
L0000201	0	0.40000E-07	487867.2	3666088.2	213.7	0.00	1.70	1.70	
NO									
L0000202	0	0.40000E-07	487864.0	3666089.8	213.7	0.00	1.70	1.70	
NO									
L0000203	0	0.40000E-07	487860.7	3666091.5	213.7	0.00	1.70	1.70	
NO									
L0000204	0	0.40000E-07	487857.5	3666093.2	213.6	0.00	1.70	1.70	
NO									
L0000205	0	0.40000E-07	487854.2	3666094.8	213.5	0.00	1.70	1.70	
NO									
L0000206	0	0.40000E-07	487850.9	3666096.5	213.5	0.00	1.70	1.70	
NO									
L0000207	0	0.40000E-07	487847.7	3666098.1	213.4	0.00	1.70	1.70	
NO									
L0000208	0	0.40000E-07	487844.4	3666099.8	213.4	0.00	1.70	1.70	
NO									
L0000209	0	0.40000E-07	487841.2	3666101.5	213.4	0.00	1.70	1.70	

NO								
L0000210	0	0.40000E-07	487837.9	3666103.1	213.4	0.00	1.70	1.70
NO								
L0000211	0	0.40000E-07	487834.7	3666104.8	213.4	0.00	1.70	1.70
NO								
L0000212	0	0.40000E-07	487831.4	3666106.5	213.3	0.00	1.70	1.70
NO								
L0000213	0	0.40000E-07	487828.1	3666108.1	213.2	0.00	1.70	1.70
NO								
L0000214	0	0.40000E-07	487824.9	3666109.8	213.1	0.00	1.70	1.70
NO								
L0000215	0	0.40000E-07	487821.6	3666111.4	213.0	0.00	1.70	1.70
NO								
L0000216	0	0.40000E-07	487818.4	3666113.1	212.8	0.00	1.70	1.70
NO								
L0000217	0	0.40000E-07	487815.1	3666114.8	212.6	0.00	1.70	1.70
NO								
L0000218	0	0.40000E-07	487811.9	3666116.4	212.4	0.00	1.70	1.70
NO								
L0000219	0	0.40000E-07	487808.6	3666118.1	212.2	0.00	1.70	1.70
NO								
L0000220	0	0.40000E-07	487805.3	3666119.8	212.1	0.00	1.70	1.70
NO								
L0000221	0	0.40000E-07	487802.1	3666121.4	211.9	0.00	1.70	1.70
NO								
L0000222	0	0.40000E-07	487798.8	3666123.1	211.8	0.00	1.70	1.70
NO								
L0000223	0	0.40000E-07	487795.6	3666124.7	211.6	0.00	1.70	1.70
NO								
L0000224	0	0.40000E-07	487792.3	3666126.4	211.5	0.00	1.70	1.70
NO								
L0000225	0	0.40000E-07	487789.1	3666128.1	211.3	0.00	1.70	1.70
NO								
L0000226	0	0.40000E-07	487785.8	3666129.7	211.1	0.00	1.70	1.70
NO								
L0000227	0	0.40000E-07	487782.5	3666131.4	211.0	0.00	1.70	1.70
NO								



L0000228	0	0.40000E-07	487779.3	3666133.1	210.8	0.00	1.70	1.70
NO								
L0000229	0	0.40000E-07	487776.0	3666134.7	210.7	0.00	1.70	1.70
NO								
L0000230	0	0.40000E-07	487772.8	3666136.4	210.5	0.00	1.70	1.70
NO								
L0000231	0	0.40000E-07	487769.5	3666138.0	210.3	0.00	1.70	1.70
NO								
L0000232	0	0.40000E-07	487766.2	3666139.7	210.1	0.00	1.70	1.70
NO								
L0000233	0	0.40000E-07	487763.0	3666141.4	209.9	0.00	1.70	1.70
NO								
L0000234	0	0.40000E-07	487759.7	3666143.0	209.7	0.00	1.70	1.70
NO								
L0000235	0	0.40000E-07	487756.5	3666144.7	209.5	0.00	1.70	1.70
NO								
L0000236	0	0.40000E-07	487753.2	3666146.4	209.4	0.00	1.70	1.70
NO								
L0000237	0	0.40000E-07	487750.0	3666148.0	209.3	0.00	1.70	1.70
NO								
L0000238	0	0.40000E-07	487746.7	3666149.7	209.1	0.00	1.70	1.70
NO								
L0000239	0	0.40000E-07	487743.4	3666151.3	208.9	0.00	1.70	1.70
NO								
L0000240	0	0.40000E-07	487740.2	3666153.0	208.7	0.00	1.70	1.70
NO								

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 \*\*\* MODELOPTs:    RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE SCALAR VARY			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.								
L0000241	0	0.40000E-07	487736.9	3666154.7	208.6	0.00	1.70	1.70	
NO									
L0000242	0	0.40000E-07	487733.7	3666156.3	208.4	0.00	1.70	1.70	
NO									
L0000243	0	0.40000E-07	487730.4	3666158.0	208.4	0.00	1.70	1.70	
NO									
L0000244	0	0.40000E-07	487727.2	3666159.7	208.5	0.00	1.70	1.70	
NO									
L0000245	0	0.40000E-07	487723.9	3666161.3	208.6	0.00	1.70	1.70	
NO									
L0000246	0	0.40000E-07	487720.6	3666163.0	208.6	0.00	1.70	1.70	
NO									
L0000247	0	0.40000E-07	487717.4	3666164.7	208.7	0.00	1.70	1.70	
NO									
L0000248	0	0.40000E-07	487714.1	3666166.3	208.6	0.00	1.70	1.70	
NO									
L0000249	0	0.40000E-07	487710.9	3666168.0	208.6	0.00	1.70	1.70	

NO								
L0000250	0	0.40000E-07	487707.6	3666169.6	208.6	0.00	1.70	1.70
NO								
L0000251	0	0.40000E-07	487704.3	3666171.3	208.4	0.00	1.70	1.70
NO								
L0000252	0	0.40000E-07	487701.1	3666173.0	208.2	0.00	1.70	1.70
NO								
L0000253	0	0.40000E-07	487697.8	3666174.6	208.1	0.00	1.70	1.70
NO								
L0000254	0	0.40000E-07	487694.6	3666176.3	207.9	0.00	1.70	1.70
NO								
L0000255	0	0.40000E-07	487691.3	3666178.0	207.7	0.00	1.70	1.70
NO								
L0000256	0	0.40000E-07	487688.1	3666179.6	207.6	0.00	1.70	1.70
NO								
L0000257	0	0.40000E-07	487684.8	3666181.3	207.5	0.00	1.70	1.70
NO								
L0000258	0	0.40000E-07	487681.5	3666182.9	207.4	0.00	1.70	1.70
NO								
L0000259	0	0.40000E-07	487678.3	3666184.6	207.4	0.00	1.70	1.70
NO								
L0000260	0	0.40000E-07	487675.0	3666186.3	207.5	0.00	1.70	1.70
NO								
L0000261	0	0.40000E-07	487671.8	3666187.9	207.5	0.00	1.70	1.70
NO								
L0000262	0	0.40000E-07	487668.5	3666189.6	207.6	0.00	1.70	1.70
NO								
L0000263	0	0.40000E-07	487665.3	3666191.3	207.6	0.00	1.70	1.70
NO								
L0000264	0	0.40000E-07	487662.0	3666192.9	207.6	0.00	1.70	1.70
NO								
L0000265	0	0.40000E-07	487658.7	3666194.6	207.6	0.00	1.70	1.70
NO								
L0000266	0	0.40000E-07	487655.5	3666196.2	207.6	0.00	1.70	1.70
NO								
L0000267	0	0.40000E-07	487652.2	3666197.9	207.5	0.00	1.70	1.70
NO								

L0000268	0	0.40000E-07	487649.0	3666199.6	207.5	0.00	1.70	1.70
NO								
L0000269	0	0.40000E-07	487645.7	3666201.2	207.5	0.00	1.70	1.70
NO								
L0000270	0	0.40000E-07	487642.5	3666202.9	207.4	0.00	1.70	1.70
NO								
L0000271	0	0.40000E-07	487639.2	3666204.6	207.5	0.00	1.70	1.70
NO								
L0000272	0	0.40000E-07	487635.9	3666206.2	207.5	0.00	1.70	1.70
NO								
L0000273	0	0.40000E-07	487632.7	3666207.9	207.5	0.00	1.70	1.70
NO								
L0000274	0	0.40000E-07	487629.4	3666209.5	207.6	0.00	1.70	1.70
NO								
L0000275	0	0.40000E-07	487626.2	3666211.2	207.6	0.00	1.70	1.70
NO								

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\*\*\* AREAPOLY SOURCE DATA \*\*\*

URBAN	EMISSION RATE	NUMBER	EMISSION RATE	LOCATION OF AREA		BASE	RELEASE	NUMBER	INIT.
SOURCE	SOURCE	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT	OF VERTS.	SZ
SOURCE	SCALAR VARY								
ID	CATS.		/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)		(METERS)
PAREA1	0	0.74325E-10	487906.8	3665817.7	217.7	5.00	7	0.00	
NO									
PAREA2	0	0.42746E-07	487924.2	3665821.0	216.2	5.00	8	0.00	
NO									

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\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID	SOURCE IDs									
-----	-----									
ALL	L0000001	,	L0000002	,	L0000003	,	L0000004	,	L0000005	,
L0000006	,	L0000007	,	L0000008	,					
	L0000009	,	L0000010	,	L0000011	,	L0000012	,	L0000013	,
L0000014	,	L0000015	,	L0000016	,					
	L0000017	,	L0000018	,	L0000019	,	L0000020	,	L0000021	,
L0000022	,	L0000023	,	L0000024	,					
	L0000025	,	L0000026	,	L0000027	,	L0000028	,	L0000029	,
L0000030	,	L0000031	,	L0000032	,					
	L0000033	,	L0000034	,	L0000035	,	L0000036	,	L0000037	,
L0000038	,	L0000039	,	L0000040	,					
	L0000041	,	L0000042	,	L0000043	,	L0000044	,	L0000045	,
L0000046	,	L0000047	,	L0000048	,					
	L0000049	,	L0000050	,	L0000051	,	L0000052	,	L0000053	,
L0000054	,	L0000055	,	L0000056	,					
	L0000057	,	L0000058	,	L0000059	,	L0000060	,	L0000061	,

L0000062	,	L0000063	,	L0000064	,		
L0000070	,	L0000065 L0000071	,	L0000066 L0000072	,	L0000067 L0000073	,
L0000078	,	L0000074 L0000079	,	L0000075 L0000080	,	L0000076 L0000077	,
L0000086	,	L0000081 L0000087	,	L0000082 L0000088	,	L0000083 L0000084	,
L0000094	,	L0000089 L0000095	,	L0000090 L0000096	,	L0000091 L0000092	,
L0000102	,	L0000097 L0000103	,	L0000098 L0000104	,	L0000099 L0000100	,
L0000110	,	L0000105 L0000111	,	L0000106 L0000112	,	L0000107 L0000108	,
L0000118	,	L0000113 L0000119	,	L0000114 L0000120	,	L0000115 L0000116	,
L0000126	,	L0000121 L0000127	,	L0000122 L0000128	,	L0000123 L0000124	,
L0000134	,	L0000129 L0000135	,	L0000130 L0000136	,	L0000131 L0000132	,
L0000142	,	L0000137 L0000143	,	L0000138 L0000144	,	L0000139 L0000140	,
L0000150	,	L0000145 L0000151	,	L0000146 L0000152	,	L0000147 L0000148	,
L0000158	,	L0000153 L0000159	,	L0000154 L0000160	,	L0000155 L0000156	,





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 \*\*\* MODELOPTs:        RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID	SOURCE IDs									
-----	-----									
L0000166	L0000161	,	L0000162	,	L0000163	,	L0000164	,	L0000165	,
	, L0000167		, L0000168		,					
L0000174	L0000169	,	L0000170	,	L0000171	,	L0000172	,	L0000173	,
	, L0000175		, L0000176		,					
L0000182	L0000177	,	L0000178	,	L0000179	,	L0000180	,	L0000181	,
	, L0000183		, L0000184		,					
L0000190	L0000185	,	L0000186	,	L0000187	,	L0000188	,	L0000189	,
	, L0000191		, L0000192		,					
L0000198	L0000193	,	L0000194	,	L0000195	,	L0000196	,	L0000197	,
	, L0000199		, L0000200		,					
L0000206	L0000201	,	L0000202	,	L0000203	,	L0000204	,	L0000205	,
	, L0000207		, L0000208		,					
L0000214	L0000209	,	L0000210	,	L0000211	,	L0000212	,	L0000213	,
	, L0000215		, L0000216		,					
	L0000217	,	L0000218	,	L0000219	,	L0000220	,	L0000221	,

L0000222	,	L0000223	,	L0000224	,			
		L0000225	,	L0000226	,	L0000227	,	L0000228
L0000230	,	L0000231	,	L0000232	,			
		L0000233	,	L0000234	,	L0000235	,	L0000236
L0000238	,	L0000239	,	L0000240	,			
		L0000241	,	L0000242	,	L0000243	,	L0000244
L0000246	,	L0000247	,	L0000248	,			
		L0000249	,	L0000250	,	L0000251	,	L0000252
L0000254	,	L0000255	,	L0000256	,			
		L0000257	,	L0000258	,	L0000259	,	L0000260
L0000262	,	L0000263	,	L0000264	,			
		L0000265	,	L0000266	,	L0000267	,	L0000268
L0000270	,	L0000271	,	L0000272	,			
		L0000273	,	L0000274	,	L0000275	,	PAREA1
								PAREA2

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 487872.0, 3665842.0,	218.3,	247.8,	0.0);	( 487872.0, 3665771.1,
221.5, 247.8, 0.0);				
( 487872.0, 3665707.1,	225.4,	247.8,	0.0);	( 487872.0, 3665812.6,
219.5, 247.8, 0.0);				
( 487874.2, 3666069.4,	213.6,	213.6,	0.0);	( 487777.1, 3666121.6,
210.8, 210.8, 0.0);				



1.54, 3.09, 5.14, 8.23, 10.80,

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA \*\*\*

Surface file: MissionViejoADJU\MSVJ\_V9\_ADJU\MSVJ\_v9.SFC  
 Met Version: 16216  
 Profile file: MissionViejoADJU\MSVJ\_V9\_ADJU\MSVJ\_v9.PFL  
 Surface format: FREE  
 Profile format: FREE  
 Surface station no.: 93184 Upper air station no.: 3190  
 Name: UNKNOWN Name: UNKNOWN  
 Year: 2011 Year: 2011

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF
WS	WD	HT	REF	TA	HT											
11	01	01	1	01	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
1.30	54.			9.1	999.0	-9.0										
11	01	01	1	02	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
0.90	190.			9.1	999.0	-9.0										
11	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
0.90	133.			9.1	999.0	-9.0										
11	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
999.00	999.			-9.0	999.0	-9.0										
11	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
999.00	999.			-9.0	999.0	-9.0										
11	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
0.90	151.			9.1	999.0	-9.0										
11	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		

0.90	42.	9.1	999.0	-9.0										
	11 01 01	1 08	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.53		
0.90	28.	9.1	999.0	-9.0										
	11 01 01	1 09	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.31		
0.90	95.	9.1	999.0	-9.0										
	11 01 01	1 10	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.24		
0.90	211.	9.1	999.0	-9.0										
	11 01 01	1 11	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.21		
1.30	258.	9.1	999.0	-9.0										
	11 01 01	1 12	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.20		
1.30	268.	9.1	999.0	-9.0										
	11 01 01	1 13	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.20		
1.30	220.	9.1	999.0	-9.0										
	11 01 01	1 14	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.21		
1.30	247.	9.1	999.0	-9.0										
	11 01 01	1 15	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.25		
1.30	249.	9.1	999.0	-9.0										
	11 01 01	1 16	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.33		
2.20	209.	9.1	999.0	-9.0										
	11 01 01	1 17	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	0.61		
1.30	196.	9.1	999.0	-9.0										
	11 01 01	1 18	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
0.90	132.	9.1	999.0	-9.0										
	11 01 01	1 19	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
0.90	91.	9.1	999.0	-9.0										
	11 01 01	1 20	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
0.90	67.	9.1	999.0	-9.0										
	11 01 01	1 21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
0.90	72.	9.1	999.0	-9.0										
	11 01 01	1 22	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
0.90	65.	9.1	999.0	-9.0										
	11 01 01	1 23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
0.90	61.	9.1	999.0	-9.0										
	11 01 01	1 24	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.29	2.80	1.00		
0.90	41.	9.1	999.0	-9.0										

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
11	01	01	01	5.5	0	-999.	-99.00	-999.0	99.0	-99.00	-99.00
11	01	01	01	9.1	1	54.	1.30	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)



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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR

SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S):

L0000003	,	L0000004	,	L0000005	,	L0000001	,	L0000002	,
		L0000006	,	L0000007	,	L0000008	,	L0000009	,
L0000011	,	L0000012	,	L0000013	,	L0000016	,	L0000017	,
		L0000014	,	L0000015	,	L0000018	,	L0000019	,
L0000019	,	L0000020	,	L0000021	,	L0000024	,	L0000025	,
		L0000022	,	L0000023	,	L0000026	,	L0000027	,
L0000027	,	L0000028	,	. . .	,				

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF DPM IN MICROGRAMS/M\*\*3

CONC	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
	487872.00	3665842.05	0.04060	487872.00	3665771.15
0.06195	487872.00	3665707.10	0.03704	487872.00	3665812.63
0.05613	487874.23	3666069.42	0.00889	487777.07	3666121.60
0.00698					

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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR  
 SOURCE GROUP: ALL                      \*\*\*  
    INCLUDING SOURCE(S):      L0000001      ,    L0000002      ,  
 L0000003      ,    L0000004      ,    L0000005      ,  
    L0000006      ,    L0000007      ,    L0000008      ,    L0000009      ,    L0000010      ,  
 L0000011      ,    L0000012      ,    L0000013      ,  
    L0000014      ,    L0000015      ,    L0000016      ,    L0000017      ,    L0000018      ,  
 L0000019      ,    L0000020      ,    L0000021      ,  
    L0000022      ,    L0000023      ,    L0000024      ,    L0000025      ,    L0000026      ,  
 L0000027      ,    L0000028      ,    . . .                      ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF DPM                      IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
487872.00	3665842.05	0.65609	(14072006)	487872.00	
3665771.15	0.63341		(14101607)		
487872.00	3665707.10	0.41123	(12020808)	487872.00	
3665812.63	0.72210		(14071306)		
487874.23	3666069.42	0.23352	(16032207)	487777.07	
3666121.60	0.17516		(16032207)		

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 \*\*\* MODELOPTs:        RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43848 HRS)

RESULTS \*\*\*

\*\* CONC OF DPM                    IN MICROGRAMS/M\*\*3

\*\*

NETWORK			AVERAGE CONC			RECEPTOR (XR, YR, ZELEV, ZHILL,		
GROUP ID	OF TYPE	GRID-ID						
ZFLAG)								
ALL	1ST HIGHEST VALUE IS		0.06195	AT (	487872.00,	3665771.15,	221.47,	
247.80,	0.00) DC							
	2ND HIGHEST VALUE IS		0.05613	AT (	487872.00,	3665812.63,	219.52,	
247.80,	0.00) DC							
	3RD HIGHEST VALUE IS		0.04060	AT (	487872.00,	3665842.05,	218.29,	
247.80,	0.00) DC							
	4TH HIGHEST VALUE IS		0.03704	AT (	487872.00,	3665707.10,	225.35,	
247.80,	0.00) DC							
	5TH HIGHEST VALUE IS		0.00889	AT (	487874.23,	3666069.42,	213.57,	
213.57,	0.00) DC							
	6TH HIGHEST VALUE IS		0.00698	AT (	487777.07,	3666121.60,	210.76,	
210.76,	0.00) DC							
	7TH HIGHEST VALUE IS		0.00000	AT (	0.00,	0.00,	0.00,	
0.00,	0.00)							
	8TH HIGHEST VALUE IS		0.00000	AT (	0.00,	0.00,	0.00,	

0.00, 0.00)  
9TH HIGHEST VALUE IS 0.00000 AT ( 0.00, 0.00, 0.00,  
0.00, 0.00)  
10TH HIGHEST VALUE IS 0.00000 AT ( 0.00, 0.00, 0.00,  
0.00, 0.00)

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

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\*\*\* MODELOPTs:    RegDEFAULT    CONC    ELEV    RURAL    ADJ\_U\*

\*\*\* THE SUMMARY OF HIGHEST 1-HR RESULTS \*\*\*

\*\* CONC OF DPM            IN MICROGRAMS/M\*\*3

\*\*

NETWORK	DATE	AVERAGE CONC	RECEPTOR
GROUP ID (ZELEV, ZHILL, ZFLAG)	(YYMMDDHH)	GRID-ID	(XR, YR,
OF TYPE			
ALL	14071306	0.72210	AT ( 487872.00, 3665812.63,
HIGH			
1ST HIGH VALUE IS			
219.52,			
247.80,			
0.00) DC			

\*\*\* RECEPTOR TYPES:    GC = GRIDCART  
                           GP = GRIDPOLR  
                           DC = DISCCART  
                           DP = DISCPOLR

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* Message Summary : AERMOD Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
A Total of 4 Warning Message(s)  
A Total of 868 Informational Message(s)  
  
A Total of 43848 Hours Were Processed  
  
A Total of 15 Calm Hours Identified  
  
A Total of 853 Missing Hours Identified ( 1.95 Percent)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*

\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*

ME W186 646 MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used  
0.50  
ME W187 646 MEOPEN: ADJ\_U\* Option for Stable Low Winds used in AERMET  
MX W450 35065 CHKDAT: Record Out of Sequence in Meteorological File at:  
16010101  
MX W450 35065 CHKDAT: Record Out of Sequence in Meteorological File at: 1 year  
gap

\*\*\*\*\*

\*\*\* AERMOD Finishes Successfully \*\*\*  
\*\*\*\*\*