Meredith International Centre Specific Plan Amendment

OFFSITE FREEWAY-SOURCE AIR TOXIC AND CRITERIA POLLUTANT HEALTH RISK ASSESSMENT

CITY OF ONTARIO

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LIST OF ABBREVIATED TERMS

(1)	Reference
AADT	Annual Average Daily Traffic Volumes
ARB	Air Resources Board
CAAQS	California Ambient Air Quality Standards
Caltrans	California Department of Transportation
CEQA	California Environmental Quality Act
CO	Carbon Monoxide
CPF	Cancer Potency Factor
EPA	Environmental Protection Agency
HRA	Health Risk Assessment
LDA	Light Duty Auto
LDT	Light Duty Truck
LHD	Light Heavy Duty
MCY	Motorcycle
MDV	Medium Duty Vehicle
NO2	Nitrogen Dioxide
OBUS	Other Bus
OLM	Ozone Limiting
PM10	Particulate Matter 10 microns in diameter or less
PM2.5	Particulate Matter 2.5 microns in diameter or less
PPM	Parts per Million
Project	Meredith International Centre Specific Plan Amendment
PVMRM	Plume Volume Molar Ratio Methods
REL	Reference Exposure Level
RME	Reasonable Maximum Exposure
SBUS	School Bus
SCAQMD	South Coast Air Quality management District
TACs	Toxic Air Contaminants
TOP	The Ontario Plan
UBUS	Urban Bus
URF	Unit Risk Factor
UTM	Universal Traverse Mercator

EXECUTIVE SUMMARY

In 2005, the California Air Resources Board (ARB) promulgated an advisory recommendation to avoid setting sensitive land uses within 500 feet of a freeway, urban roads with 100,000 vehicles per day, or rural roads with 50,000 vehicles per day. The ARB indicates that due to traffic-generated pollutants, there is an estimated increased cancer risk incidence of 300 to 1,700 per million in within this domain. At some point however, the increased cancer risk incidence due the effects of freeway/roadway corridor pollutants become indistinguishable from the ambient air quality condition. In this regard, the effects of freeway/roadway-source pollutants that may impact the Project site are already acknowledged and accounted for within the ambient air quality discussions presented within this Section. More specifically, the MATES-III Study data for the Project site comprehensively reflects increased TAC-source cancer risks affecting the City and Project site, inclusive of increased cancer risks due to freeway/roadway pollutant sources. It is however recognized that the effects of freeway traffic pollutants on the Project site would likely be more acute and discernible in those areas nearer freeway/roadway corridors.

Planning Area 4 within the proposed Meredith Specific Plan Amendment Project (Meredith SPA, SPA, Project) proposes Urban Residential land uses that would be located approximately 1,000 feet northerly of the Interstate 10 (I-10) freeway. Separating and buffering these Urban Residential land uses from adverse air pollutant, noise, and light and glare effects of I-10 freeway traffic, the Meredith SPA appropriately proposes intervening commercial land uses which are less susceptible to the effects of freeway traffic. Substantial landscaping/screening elements separating the Project Urban Residential land uses from the I-10 Freeway are also proposed as elements of the Meredith SPA. Please refer also to land use planning, design/development, and landscape/screening discussions presented in the *Meredith International Centre Specific Plan Amendment* (EIR Appendix B).

The 2005 ARB guidance noted previously, information made available through the MATES-III Study, and configuration and design of the Project would suggest that further assessment of freeway-source pollutant impacts is not warranted. Notwithstanding, this Off-Site Freeway-Source Air Toxic and Criteria Pollutant Health Risk Assessment has been prepared for the Project and is intended to:

- Comply with and support CEQA Section 15003 (i) policies addressing adequacy, completeness, and a good-faith effort at full disclosure;
- Disaggregate potential freeway-source air pollutant health effects from other background conditions identified in the MATES III Study; and
- Identify means to reduce the specific effects of freeway-source pollutants at the Project site.

Findings and conclusions of this Assessment are summarized below.

IMPACTS WITHOUT MITIGATION

For carcinogenic exposures, the summation of risk for the maximum exposed residential receptor totaled 20 in one million, which exceeds the threshold of 10 in one million. This is consistent with the SCAQMD *Multiple Air Toxics Exposure Study in the South Coast Air Basin* (MATES-III Study) data for the Project area, which indicates that exposure to ambient toxic air contaminants (TACs) in total (inclusive of TACs generated by I-10 freeway traffic) would result in increased carcinogenic exposures ranging from 1,096 in one million to 1,426 in one million.[1]

For chronic noncarcinogenic effects, the hazard index identified for each toxicological endpoint totaled less than one for both the 30 year and 9 year exposure scenarios. For acute exposures, the hazard indices for the identified averaging times did not exceed unity. Therefore, noncarcinogenic hazards are calculated to be within acceptable limits and a less than significant impact would occur.

For the maximum exposed residential receptor, results of the analysis predicted freeway emissions will produce PM10 concentrations of 1.76 μg/m3 and 0.78 μg/m3 for the 24-hour and annual averaging times. These values will not exceed the SCAQMD significance thresholds of 2.5 μg/m3 and 1.0 μg/m3, respectively.

For PM2.5, a maximum 24-hour average concentration of 1.43 μg/m3 was predicted. This value also will not exceed the identified significance threshold of 2.5 μg/m3.

The maximum modeled 1-hour average concentration for CO of 0.23 parts per million (ppm) (257.73 μg/m3), when added to an existing background concentration of 3.0 ppm, would equal a total Project concentration of 3.23 ppm. This would not cause an exceedance of the California Ambient Air Quality Standards (CAAQS) of 20 ppm. For the 8-hour averaging time, the maximum predicted concentration of 0.13 ppm (154.53 μg/m3), when added to an existing background level of 1.3 ppm, would equal a total Project concentration of 1.43 ppm. This would not cause an exceedance of the CAAQS of 9 ppm.

For NO2, a maximum one hour concentration of 0.021 ppm (39.42 μg/m3) was predicted. This concentration, when added to a background concentration of 0.069 ppm, would equal a total Project concentration of 0.09 ppm. This would not cause an exceedance of the CAAQS of 0.18 ppm.

As noted, short duration (i.e., 1 and 8-hour) exposures associated with both toxic and criteria pollutants are within acceptable limits. As such, less than significant impacts are anticipated to residents who access and utilize outdoor amenities.

IMPACTS WITH MITIGATION

With implementation of MM FHRA-1, for carcinogenic exposures, the summation of risk for the maximum exposed residential receptor totaled 7.14 in one million, which does not exceed the threshold of 10 in one million.

1 MATES-III estimates the average ambient cumulative TAC-source cancer risk for the Basin as whole at 1,200 incidents per million population.

For chronic noncarcinogenic effects, the hazard index identified for each toxicological endpoint totaled less than one for both the 30 year and 9 year exposure scenarios. For acute exposures, the hazard indices for the identified averaging times did not exceed unity. Therefore, noncarcinogenic hazards are calculated to be within acceptable limits and a less than significant impact would occur.

For the maximum exposed residential receptor, results of the analysis predicted freeway emissions will produce PM10 concentrations of 0.18 μg/m3 and 0.08 μg/m3 for the 24-hour and annual averaging times. These values will not exceed the SCAQMD significance thresholds of 2.5 μg/m3 and 1.0 μg/m3, respectively.

For PM2.5, a maximum 24-hour average concentration of 0.07 μg/m3 was predicted. This value also will not exceed the identified significance threshold of 2.5 μg/m3.

The maximum modeled 1-hour average concentration for CO of 0.23 parts per million (ppm) (257.73 μg/m3), when added to an existing background concentration of 3.0 ppm, would equal a total Project concentration of 3.23 ppm. This would not cause an exceedance of the California Ambient Air Quality Standards (CAAQS) of 20 ppm. For the 8-hour averaging time, the maximum predicted concentration of 0.13 ppm (154.53 μg/m3), when added to an existing background level of 1.3 ppm, would equal a total Project concentration of 1.43 ppm. This would not cause an exceedance of the CAAQS of 9 ppm.

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As noted, short duration (i.e., 1 and 8-hour) exposures associated with both toxic and criteria pollutants are within acceptable limits. As such, less than significant impacts are anticipated to residents who access and utilize outdoor amenities.

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1 INTRODUCTION

In 2005, the California Air Resources Board (ARB) promulgated an advisory recommendation to avoid setting sensitive land uses within 500 feet of a freeway, urban roads with 100,000 vehicles per day or rural roads with 50,000 vehicles per day. According to the ARB, the increased cancer risk is 300 to 1,700 per million within this domain. The strongest association of traffic related emissions with adverse health outcomes was seen within 300 feet of roadways with high truck densities. Notwithstanding, the ARB notes that a site specific analysis would be required to determine the actual risk near a particular land use and should consider factors such as prevailing wind direction, local topography and climate. The Project plans to place residents approximately 1,000 feet north of the Interstate 10 freeway in Planning Area 4. Although guidance would suggest that further assessment is not warranted, the following assessment is provided for purposes of full disclosure under CEQA.

Additionally, the California Code of Regulations, Title 14, Section 15126.2(a) recommends that significant environmental effects of a project be assessed when a project brings development and people into an affected area (1). For the proposed project, adjoining freeway emissions are a potential concern and relevant thresholds and standards exist to determine the impact of vehicular emissions on an exposed population. As such, a health risk assessment was prepared to assess the impact of these emissions on individuals residing at the proposed project site.

In consideration of the above referenced requirement, the assessment and dispersion modeling methodologies used in the preparation of this report were composed of all relevant and appropriate procedures presented by the U.S. Environmental Protection Agency, California Environmental Protection Agency and South Coast Air Quality Management District (SCAQMD). The methodologies and assumptions offered under this regulatory guidance were used to ensure that the assessment effectively quantified residential exposures associated with the generation of contaminant emissions from adjacent mobile source activity.

This report summarizes the protocol used to evaluate contaminant exposures and presents the results of the health risk assessment (HRA) prepared by Urban Crossroads, Inc., for the proposed Meredith International Centre Specific Plan Amendment project (referred to as "Project).

1.1 SITE LOCATION

The proposed Meredith International Centre Specific Plan Amendment development is located north of the Interstate 10 (I-10) Freeway and east of Vineyard Avenue in the City of Ontario as shown on Exhibit 1-A. Existing land uses within the Project site include a commercial plaza in the eastern portion of the site, west of Archibald Avenue, and the Bernt Elementary School in the northern portion of the site, south of 4th Street.

EXHIBIT 1-A: LOCATION MAP

1.2 STUDY AREA

The Project study area includes single-family and multi-family residential uses located to the west of the Project site, across Vineyard Avenue, as well as neighborhood commercial uses and a construction equipment rental center. Land uses north of the Project site, across 4th Street, include a mix of residential, commercial, and industrial developments. San Bernardino County Flood Control basins are located north/northeast of the site. Commercial uses and the Cucamonga-Guasti Regional Park are located to the east of the Project site, across Archibald Avenue. The I-10 freeway is directly south of the Project site, and the Los Angeles/Ontario International Airport (ONT) is located approximately three-quarter miles south of the Project site. Existing surrounding land uses are graphically presented on Exhibit 1-B.

1.3 PROJECT DESCRIPTION

The Meredith International Centre Specific Plan Amendment (Meredith SPA, Specific Plan Amendment, SPA) proposes a mix of industrial, commercial, and residential land uses within five planning areas. The Planning Areas (PA) and associated land uses are discussed below, and presented graphically in Exhibit 1-C.

Planning Area 1 (PA 1) encompasses approximately 146.6 acres in the northwesterly corner of the Project site and is the largest of the Planning Areas. Uses allowed within this Planning Area would include general light industrial and warehouse/distribution operations. The Specific Plan Amendment allows two build-out scenarios within Planning Area 1: Option A assumes removal/demolition of the Bernt School, and development of the former school site as an industrial land use within the Specific Plan Area. Option B assumes continued operations of the Bernt School in its present location, in which case, screening of the School site and buffering of effects of adjacent industrial land uses would be accomplished as reflected in the Meredith SPA. The Option A and Option B site plans for PA 1 are shown on Exhibits 1-D and 1-E, respectively. For the purposes of this analysis, it is assumed that Planning Area 1 will be constructed and occupied by 2017.

At the time this air quality analysis was prepared, the future specific industrial tenants of Planning Area 1 were unknown. For the purposes of this analysis, Planning Area 1 tenants are assumed to include permitted, conditionally permitted, and ancillary uses described under the SPA's Industrial land use designation, and listed at SPA Table 5-1, *Permitted, Conditional, and Ancillary Uses*.

Planning Area 2 (PA 2) encompasses approximately 43.7 area located in the southwestern portion of the Specific Plan Area. Planning Area 2 is bordered on the north by Inland Empire Boulevard, on the south by the I-10 Freeway, on the west by North Vineyard Avenue, and on the east by the Cucamonga Creek Channel. The Urban Commercial designation of Planning Area 2 allows for a range of commercial uses that benefit from the property's adjacency to the I-10 Freeway and the ONT Airport. Permitted, conditionally permitted, and ancillary uses within the Urban Commercial designation are listed at SPA 5-1, *Permitted, Conditional, and Ancillary Uses*. Planning Area 2 is designed as a highly active area offering a variety of market-driven commercial uses such as retail and fast food restaurants. Up to 200 overnight lodging rooms

also are permitted in Planning Area 2, with the intention of serving the surrounding community and region, such as visitors to the nearby Ontario Convention Center and the ONT Airport. For the purposes of this analysis, it is assumed that PA 2 would be constructed and occupied by 2020.

Planning Area 3 (PA 3) comprises approximately 25.3 acres located in the southeastern portion of the Specific Plan Area. As shown in Exhibit 1-C, Planning Area 3 is bordered on the north by Inland Empire Boulevard, on the south by the I-10 Freeway, on the west by the Deer Creek Channel, and on the east by Archibald Avenue. Similar to Planning Area 2, the Urban Commercial designation of Planning Area 3 allows for a range of commercial uses that benefit from proximity to transportation corridors. Located closer to the SPA's proposed Urban Residential area (within Planning Area 4), and to the potential alignment of the Gold Line transit corridor, Planning Area 3 is envisioned to offer smaller, pedestrian-oriented retail uses. Up to 400 overnight lodging rooms are also permitted in Planning Area 3. Similar to PA 2, specific tenants were unknown at the time of this analysis. For the purposes of this analysis, it is assumed that PA 3 would be constructed and occupied by 2020**.**

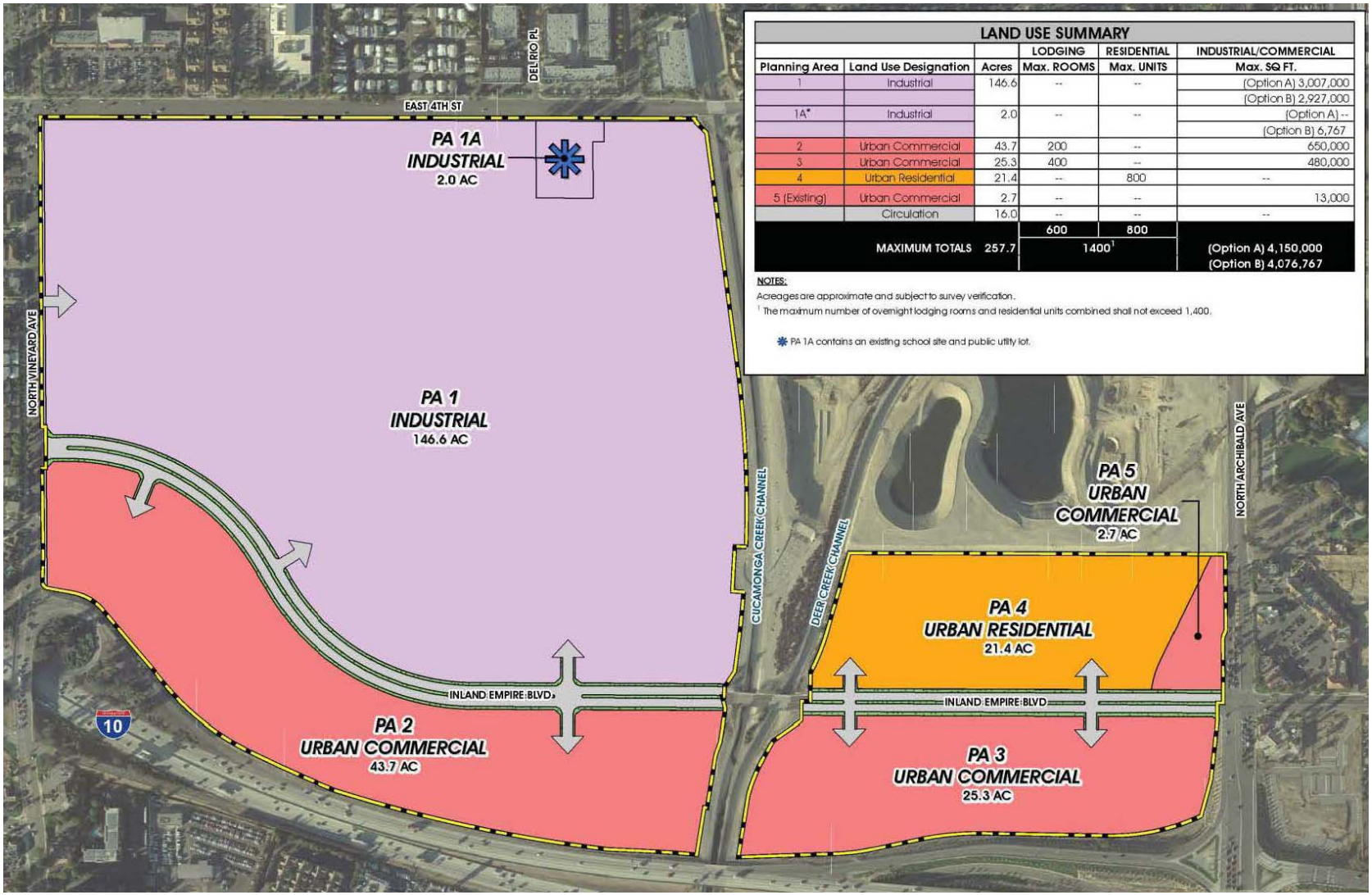
Planning Area 4 (PA 4) comprises approximately 21.4 acres located in the southeastern portion of the Specific Plan area, and would contain Urban Residential uses. As shown in Exhibit 1-B, this area is bordered on the north by San Bernardino County Flood Control District (SBFCD) facilities, on the south by Inland Empire Boulevard, on the west by the Deer Creek Channel, and on the east by Planning Area 5. The Urban Residential designation of Planning Area 4 allows for high-density and medium-high density residential land uses (for-sale or for-rent multi-family residential units). Urban Residential uses implemented under the SPA would be within walking distance to a variety of shopping and employment opportunities, Cucamonga-Guasti Regional Park, and the potential Gold Line transit corridor. For the purposes of this analysis, it is assumed that Planning Area 4 would be constructed and occupied by 2020.

Planning Area 5 (PA 5) encompasses 2.7 acres and is located at the northwest corner of Archibald Avenue and Inland Empire Boulevard. The site is currently developed with retail and service commercial uses, including fast food restaurants, a convenience store, and a self-serve fueling station.

EXHIBIT 1-B: EXISTING LAND USES

Source: Figure 3.3-1, Applied Planning, Inc.

EXHIBIT 1-C: PLANNING AREAS



LAND USE SUMMARY

Planning Area	Land Use Designation	Acres	LODGING Max. ROOMS	RESIDENTIAL Max. UNITS	INDUSTRIAL/COMMERCIAL Max. SQ FT.
1	Industrial	146.6	--	--	(Option A) 3,007,000
					(Option B) 2,927,000
1A*	Industrial	2.0	--	--	(Option A) --
					(Option B) 6,767
2	Urban Commercial	43.7	200	--	650,000
3	Urban Commercial	25.3	400	--	480,000
4	Urban Residential	21.4	--	800	--
5 (Existing)	Urban Commercial	2.7	--	--	13,000
	Circulation	16.0	--	--	--
			600	800	
	MAXIMUM TOTALS	257.7	1400[1]		(Option A) 4,150,000 (Option B) 4,076,767

NOTES:
Acreages are approximate and subject to survey verification.
[1] The maximum number of overnight lodging rooms and residential units combined shall not exceed 1,400.
* PA 1A contains an existing school site and public utility lot.

Source: Figure 3.4-1, Applied Planning, Inc.

EXHIBIT 1-D: SITE PLAN (OPTION A)

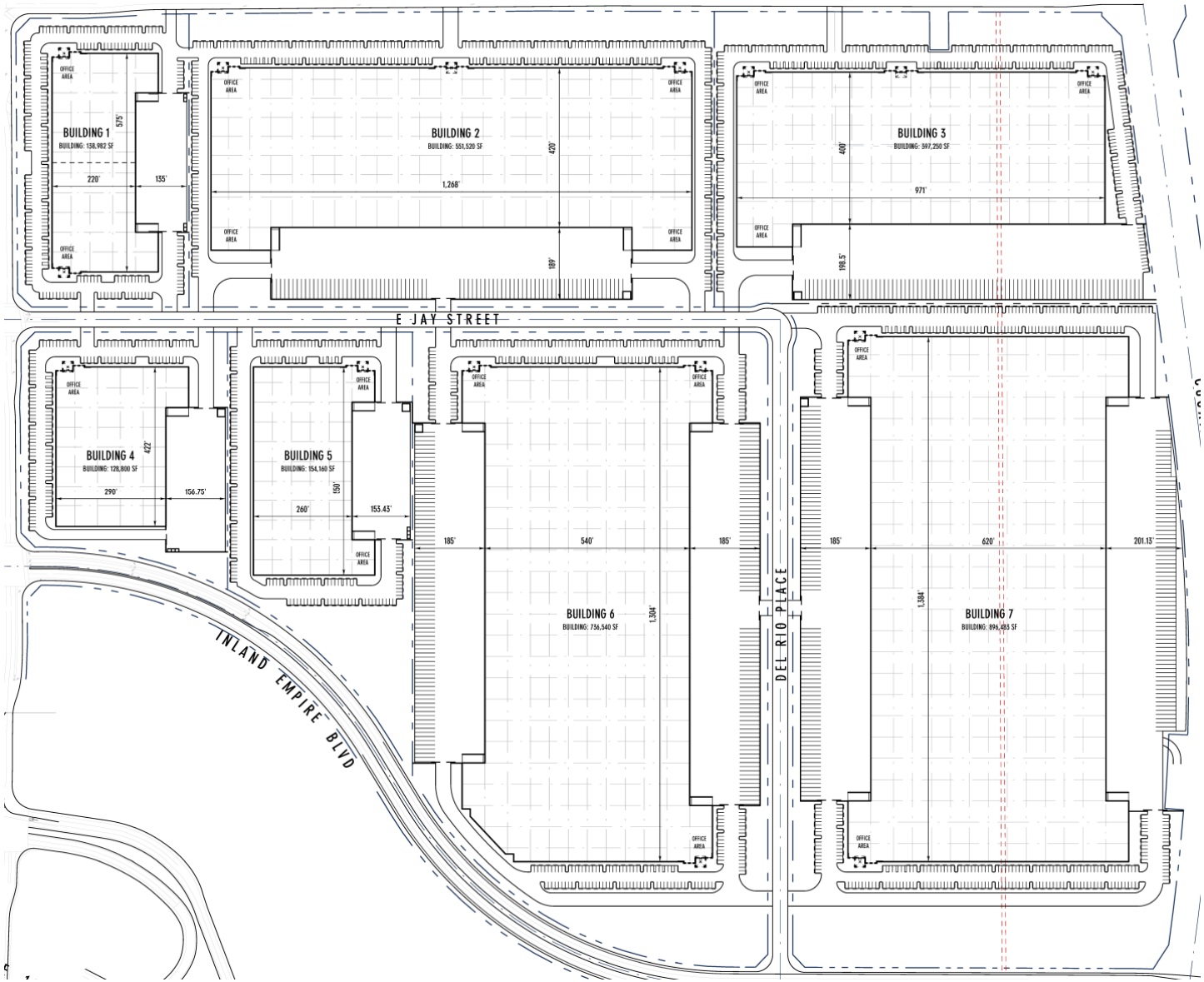
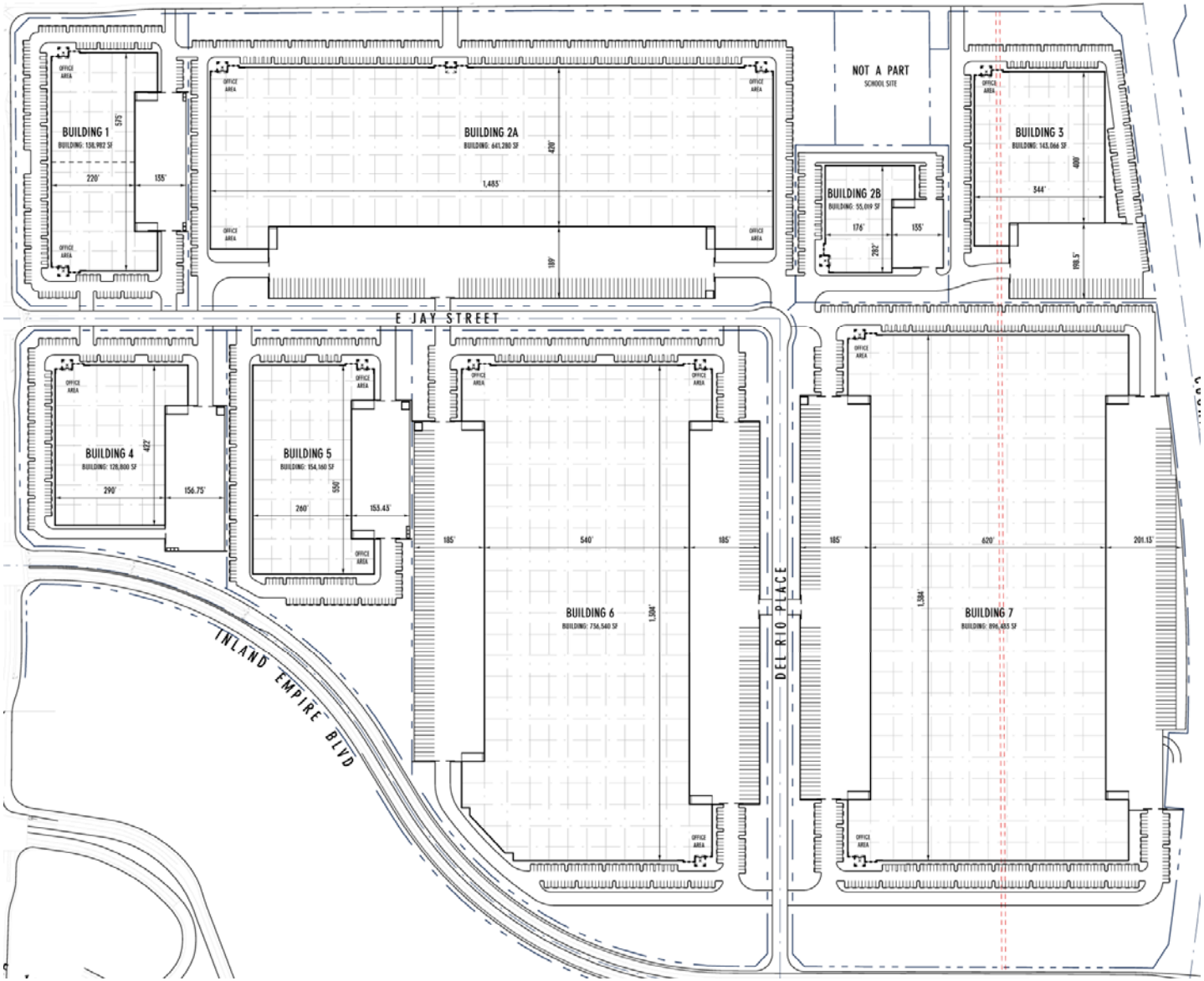


EXHIBIT 1-E: SITE PLAN (OPTION B)



1.4 PROJECT DESIGN FEATURES

Energy-saving and sustainable design features and operational programs would be incorporated into all facilities developed pursuant to the Meredith SPA. Planning Areas 1 through 4 would provide sustainable design features necessary to achieve a "Certified" rating under the United States Green Building Council's Leadership in Energy & Environmental Design (LEED) programs. The Project also incorporates and expresses the following design features and attributes promoting energy efficiency and sustainability. Because these features/attributes are integral to the Project, and/or are regulatory requirements, they are not considered to be mitigation measures.

- Industrial land uses within the Specific Plan would incorporate the use of solar panels, providing a minimum of 1,600,000 kWh per year of electricity generation, for use within the office portions of industrial buildings;
- All on-site cargo handling equipment (CHE) would be powered by non-diesel fueled engines (e.g., electric or natural gas).
- Regional vehicle miles traveled (VMT) and associated vehicular-source emissions are reduced by the following Project design features/attributes:
    - Pedestrian connections shall be provided to surrounding areas consistent with the City's General Plan. Providing a pedestrian access network to link areas of the Project site encourages people to walk instead of drive. The Project would provide a pedestrian access network that internally links all uses and connects to all existing or planned external streets and pedestrian facilities contiguous with the project site. The Project would minimize barriers to pedestrian access and interconnectivity
    - The Project's mixed-use configuration and proposed collocation of Industrial, Urban Commercial and Urban Residential land uses together with supporting amenities would tend to decrease the propensity for, and length of commuter vehicle travel.
- To reduce water demands and associated energy use, subsequent development proposals within the Project site would be required to implement a Water Conservation Strategy and demonstrate a minimum 20% reduction in indoor water usage when compared to baseline water demand (total expected water demand without implementation of the Water Conservation Strategy)[2]. Development proposals within the Specific Plan Area would also be required to implement the following:
    - Landscaping palette emphasizing drought tolerant plants consistent with provisions of the Meredith SPA and/or City requirements;
    - Use of water-efficient irrigation techniques consistent with provisions of the Meredith SPA and/or City requirements;
    - U.S. Environmental Protection Agency (EPA) Certified WaterSense labeled or equivalent faucets, high-efficiency toilets (HETs), and water-conserving shower heads.

2 Reduction of 20% indoor water usage is consistent with the current CalGreen Code performance standards for residential and non-residential land uses. Per CalGreen, the reduction shall be based on the maximum allowable water use per plumbing fixture and fittings as required by the California Building Standards Code.

2 SOURCE IDENTIFICATION

The California Department of Transportation (Caltrans), Traffic and Vehicle Data Systems Unit collects and maintains traffic volume counts for vehicles traversing the California state highway system. Discrete data sets are available for main highway segments and adjoining freeway ramp volumes. Table 2-1 presents the annual average daily traffic volumes (AADT) for the roadway segments considered in the assessment. Data for mainline AADTs on Interstate 10 and ADTs for eastbound and westbound on/off ramps along Vineyard Avenue was obtained from the Caltrans Traffic and Vehicle Data Systems Unit (2).

TABLE 2-1 FREEWAY TRAFFIC VOLUMES

Roadway Segment	Postmile	Annual Average Daily Traffic (AADT)
Interstate 10	6.097	242,000
EB On / Vineyard Avenue	6.299	10,000
EB Off / Vineyard Avenue	5.978	12,000
WB On from NB / Vineyard Avenue	6.126	3,000
WB On from SB / Vineyard Avenue	6.024	5,600
WB Off / Vineyard Avenue	6.286	9,000

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3 SOURCE CHARACTERIZATION

In urban communities, vehicle emissions contribute significantly to localized concentrations of air contaminants. Typically, emissions generated from these sources are characterized by vehicle mix, the rate pollutants are generated during the course of travel and the number of vehicles traversing the roadway network.

Currently, emission factors are generated from a series of computer based programs to produce a composite emission rate for vehicles traveling at various speeds within a defined geographical area or along a discrete roadway segment. To account for the emission standards imposed on the California fleet, the ARB has developed the EMFAC2011 emission factor model. EMFAC2011 was utilized to identify pollutant emission rates for total organic gases (TOG), diesel particulates, particulates (PM10 and PM2.5), carbon monoxide (CO) and nitrogen oxide (NOx) compounds (4). To produce a representative vehicle fleet distribution, the assessment utilized ARB's San Bernardino County population estimates for the 2020 calendar year. This approach provides an estimate of vehicle mix associated with operational profiles at the link or intersection level. Table 3-1 lists the identified fleet mix considered in the assessment.

Based upon the freeway traffic volumes and population profiles noted above, discrete traffic counts were identified for each roadway segment. Diesel vehicles account for 5.12 percent of the on-road mobile fleet. For chronic (long term) and acute (e.g., 1-hour) exposures, AADT values were averaged to produce representative hourly traffic volumes. Table 3-2 presents the hourly traffic volumes considered in the assessment.

TABLE 3-1: VEHICLE FLEET MIX PROFILE

Vehicle class	San Bernardino County		
	Fuel	Population	Percent
LDA	Diesel	1870	0.13
LDA	Gas	676312	46.22
LDT1	Diesel	135	0.01
LDT1	Gas	101186	6.92
LDT2	Diesel	121	0.01
LDT2	Gas	247137	16.89
LHD1	Diesel	25209	1.72
LHD1	Gas	47538	3.25
LHD2	Diesel	7609	0.52
LHD2	Gas	4499	0.31
MCY	Gas	41585	2.84
MDV	Diesel	218	0.01
MDV	Gas	252359	17.25
MH	Diesel	2431	0.17
MH	Gas	13562	0.93
T6	Diesel	13162	0.90
T6	Gas	2552	0.17
T7	Diesel	22269	1.52
T7	Gas	294	0.02
OBUS	Diesel	441	0.03
OBUS	Gas	733	0.05
SBUS	Diesel	1058	0.07
SBUS	Gas	203	0.01
UBUS	Diesel	351	0.02
UBUS	Gas	284	0.02

Note: Vehicle category descriptions can be found on the California Air Resources Board website at http://www.arb.ca.gov/msei/modeling.htm.

TABLE 3-2: HOURLY FREEWAY TRAFFIC VOLUMES

Roadway Segment	Average Traffic Volume		
	All	Gas	Diesel
Interstate 10	10,083.3	9,567.3	516
EB On / Vineyard Avenue	416.7	395.3	21.3
EB Off / Vineyard Avenue	500	474.4	25.6
WB On from NB / Vineyard Avenue	125	118.6	6.4
WB On from SB / Vineyard Avenue	233.3	221.4	11.9
WB Off / Vineyard Avenue	375	355.8	19.2

Posted route speeds were assumed for vehicles traversing the main highway link (Interstate 10). Emissions associated with acceleration and deceleration (i.e., on/off ramps) were based upon vehicle speeds of 45 and 5 miles per hour, respectively. These values were subsequently adjusted utilizing the modal algorithms presented in the California Line Source Dispersion Model (5).

For particulates (PM10 and PM2.5), emissions were quantified through the reentrainment of paved roadway dust. The predictive emission equation developed by the U.S. Environmental Protection Agency (AP-42, Section 13.2.1) was utilized to generate particulate source strength (6). To account for the mass rate of emissions entrained from the roadway surface, the contribution from exhaust, break and tire wear were added to the AP-42 emission factor equation.

A list of compounds associated with mobile source emissions is presented in Table 3-3. Appendix 3.1 presents the on-road emission rate calculation worksheets for the freeway segments considered in the assessment.

TABLE 3-3: COMPOUNDS EMITTED FROM ON ROAD MOBILE SOURCE ACTIVITY

Source	Pollutant
Interstate 10	Benzene Formaldehyde 1,3-Butadiene Acetaldehyde Acrolein Diesel Particulates Reentrained Particulates (PM10, PM2.5) Carbon Monoxide Nitrogen Dioxide

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4 EXPOSURE QUANTIFICATION

In order to assess the impact of emitted compounds on individuals who reside at the proposed apartment complex, air quality modeling utilizing the AMS/EPA Regulatory Model AERMOD was performed to assess the downwind extent of mobile source emissions located within a ¼ mile radius of the project site. AERMOD's air dispersion algorithms are based upon a planetary boundary layer turbulence structure and scaling concepts, including the treatment of surface and elevated sources in simple and complex terrain.

The model offers additional flexibility by allowing the user to assign initial vertical and lateral dispersion parameters for sources representative of a localized mobile fleet. For this assessment, the volume source algorithm was utilized to model the emissions generated from on-road mobile source activity. Although the freeway is located predominantly below grade, the assessment followed guidance promulgated by the U.S. Environmental Protection Agency (U.S. EPA, 2009) whereby the model was programmed to assume flat, level terrain (7). This was done to avoid underestimating pollutant concentrations for conditions involving low-level, non-buoyant sources in up-sloping terrain. Notwithstanding, to account for the discrepancy in terrain elevation, vertical (sigma z) dispersion parameters were developed for each source location by approximating mixing zone residence time and quantifying the initial vertical term as performed in the California Line Source Dispersion Model Caline3 (5). The horizontal (sigma y) parameters were generated by dividing the source separation distance by a standard deviation of 2.15.

For PM10 and PM2.5, plume depletion due to dry removal mechanisms was assumed (i.e., DRYDPLT). Entrained or fugitive PM10 emissions were separated into three aerodynamic diameter sizes of 1.0, 2.5 and 10 microns (µm) with weight fractions of 0.0787, 0.1292, and 0.7922, respectively. Fugitive PM2.5 emissions were separated into two particle sizes of 1.0 and 2.5 µm with corresponding weight fractions of 0.3785 and 0.6215. Diesel particulate emissions were assigned particle size bins of 2.5 and 10 µm with corresponding weight fractions of 0.92 and 0.08. A particle density of 2.3 grams per cubic centimeter was assigned to all size bins.

The model incorporates two methodologies to perform the NOx to NO2 conversion. In a recent clarification memorandum (U.S. EPA, 2011), the Office of Air Quality Planning and Standards provides guidance on the use and performance of the two algorithms referred to as the ozone limiting (OLM) and plume volume molar ratio (PVMRM) methods. Based upon this guidance, the OLM algorithm with the OLMGROUP ALL option was identified as the preferred method to perform the analysis (8).

Air dispersion models require additional input parameters including pollutant emission data and local meteorology. Due to the their sensitivity to individual meteorological parameters such as wind speed and direction, the U.S. Environmental Protection Agency recommends that meteorological data used as input into dispersion models be selected on the basis of relative spatial and temporal conditions that exist in the area of concern. In response to this recommendation, the nearest meteorological data available from the SCAQMD Pomona/Walnut Valley (Source Receptor Area 10), which is located less than 8 miles west of

the project site, was used to represent local weather conditions and prevailing winds. Five years (2005-2009) of available AERMOD meteorological data was utilized in the modeling.

The modeling analysis also considered the spatial distribution of mobile source activity traversing the freeway in relation to the proposed site. To accommodate a Cartesian grid format, direction dependent calculations were obtained by identifying the universal transverse mercator (UTM) coordinates for each volume source location. On-site receptors were placed to provide coverage across the identified project boundary. A two meter receptor height was assumed per AQMD guidance (9). A graphical representation of the source-receptor grid network is presented in Exhibit 4-A.

Discrete variants for daily breathing rates, exposure frequency, and exposure duration were obtained from relevant distribution profiles presented in the OEHHA guidance document entitled Air Toxic Hot Spots Program Risk Assessment Guidelines, Part IV: Technical Support Document for Exposure Assessment and Stochastic Analysis (10) and guidance from SCAQMD. Table 2-3 summarizes the Exposure Parameters for Residents. Appendix "5.2" includes the detailed emissions and risk calculation outputs. (3)

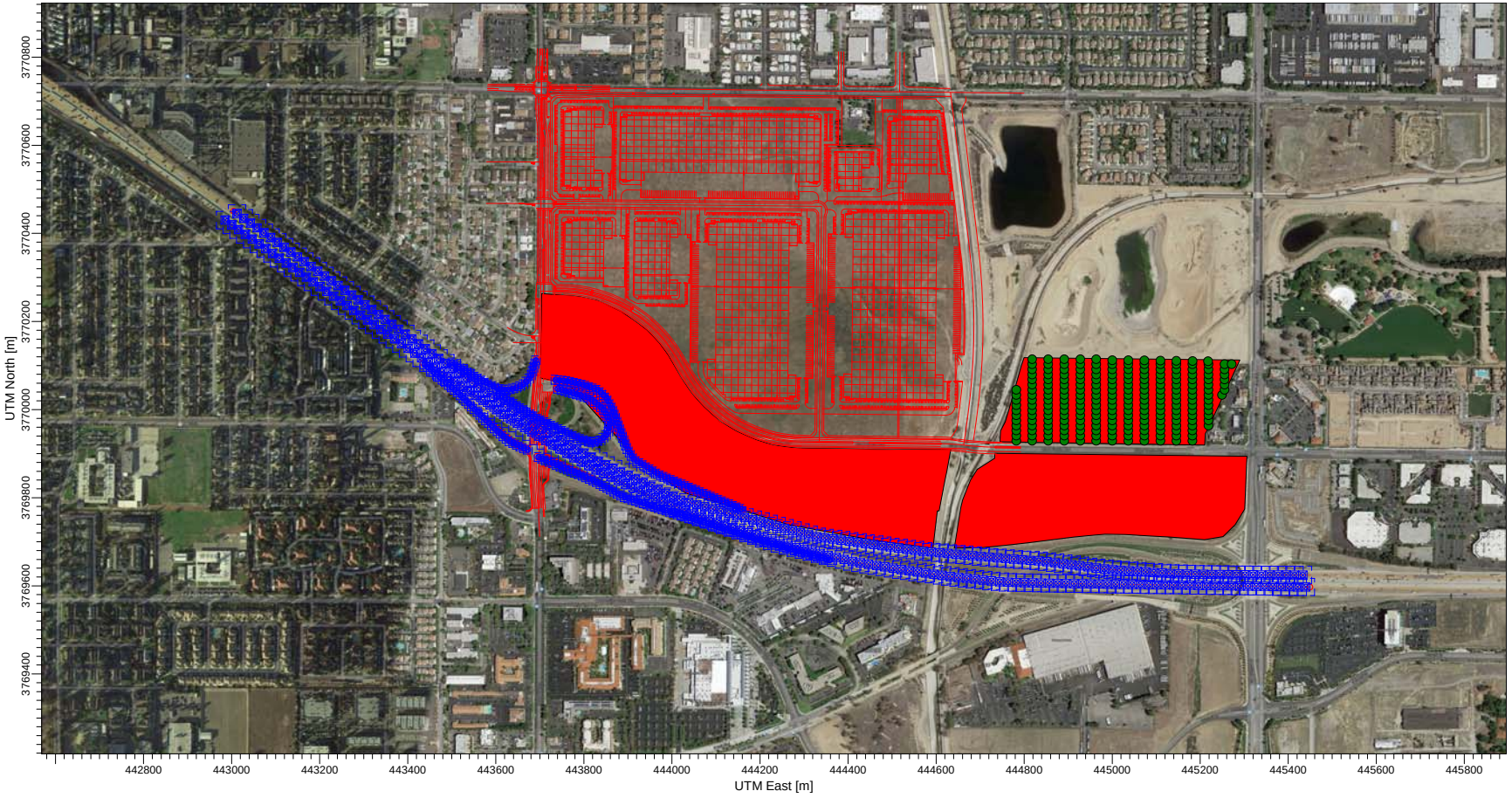
TABLE 2-3: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK

Exposure Parameter	Units	Residential
Exposure Frequency	days/year	350
Exposure Duration	years	70
Inhalation Rate [a]	L/kg-day	302
Exposure Duration	Years	70
Exposure Time	hours/day	24

[b] The residential breathing rate of 302 L/kg-day represents the 80th percentile breathing rate per ARB and consistent with SCAQMD Risk Assessment Procedures for Rules 1401 and 212, the worker breathing rate of 149 L/kg-day is also consistent with SCAQMD Risk Assessment Procedures for Rules 1401 and 212, the school child breathing rate of 581 L/kg-day represents the high end 95th percentile breathing rate.

A dispersion model input summary table is provided in Appendix 3.3. A complete listing of model input/output files are provided in electronic format in Appendix 3.4.

EXHIBIT 4-A: SOURCE RECEPTOR GRID NETWORK



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5 RISK CHARACTERIZATION

5.1 CARCINOGENIC CHEMICAL RISK

The SCAQMD CEQA Air Quality Handbook (1993) states that emissions of toxic air contaminants (TACs) are considered significant if a HRA shows an increased risk of greater than ten in one million. Based on guidance from the SCAQMD in the document Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis ((11), for purposes of this analysis, ten (10) in one million is used as the cancer risk threshold for the proposed Project.

Excess cancer risks are estimated as the upper-bound incremental probability that an individual will develop cancer over a lifetime as a direct result of exposure to potential carcinogens over a specified exposure duration. The estimated risk is expressed as a unitless probability. The cancer risk attributed to a chemical is calculated by multiplying the chemical intake or dose at the human exchange boundaries (e.g., lungs) by the chemical-specific cancer potency factor (CPF). A risk level of 1 in a million implies a likelihood that up to one person, out of one million equally exposed people would contract cancer if exposed continuously (24 hours per day) to the levels of toxic air contaminants over a specified duration of time. This risk would be an excess cancer risk that is in addition to any cancer risk borne by a person not exposed to these air toxics.

Guidance from CARB and the California Environmental Protection Agency, Office of Environmental Health Hazard Assessment (OEHHA) recommends a refinement to the standard point estimate approach when alternate human body weights and breathing rates are utilized to assess risk for susceptible subpopulations such as children. For the inhalation pathway, the procedure requires the incorporation of several discrete variates to effectively quantify dose. Once determined, contaminant dose is multiplied by the cancer potency factor (CPF) in units of inverse dose expressed in milligrams per kilogram per day (mg/kg/day)-1 to derive the cancer risk estimate. Therefore, to assess exposures, the following dose algorithm was utilized.

$$DOSEair = (Cair \times [BR/BW] \times A \times EF) \times (1 \times 10^{-6})$$

Where:

DOSEair = chronic daily intake (mg/kg/day)

Cair = concentration of contaminant in air (ug/m3)

[BR/BW] = daily breathing rate normalized to body weight (L/kg BW-day)

A = inhalation absorption factor

EF = exposure frequency (days/365 days)

BW = body weight (kg)

1 x 10 -6 = conversion factors (ug to mg, L to m3)

RISKair = DOSEair x CPF x ED/AT

Where:

DOSEair = chronic daily intake (mg/kg/day)

CPF = cancer potency factor

ED = number of years within particular age group

AT = averaging time

5.2 NON-CARCINOGENIC EXPOSURES

An evaluation of the potential noncancer effects of contaminant exposures was also conducted. Under the point estimate approach, adverse health effects are evaluated by comparing the concentration of each compound with the appropriate Reference Exposure Level (REL). Available REL's presented in the *Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values were considered in the assessment.*

To quantify noncarcinogenic impacts, the hazard index approach was used. The hazard index assumes that subthreshold exposures adversely affect a specific organ or organ system (i.e., toxicological endpoint). For each discrete pollutant exposure, target organs presented in regulatory guidance were utilized.

To calculate the hazard index, the pollutant concentration or dose is divided by the appropriate toxicity value. For compounds affecting the same toxicological endpoint, this ratio is summed. Where the total equals or exceeds one (i.e., unity), a health hazard is presumed to exist. For chronic exposures, REL's were converted to units expressed in mg/kg/day to accommodate the above referenced intake algorithm. To assess acute noncancer impacts, the maximum pollutant concentration is divided by the REL for the corresponding averaging time (e.g., 1-hour). No exposure adjustments are considered for short duration exposures.

Appendix 3.2, summarizes the REL's and corresponding reference dose values used in the evaluation of chronic noncarcinogenic and acute exposures. The noncancer hazard quotient for identified compounds generated from each source and a summation for each toxicological endpoint are presented on this table.

For chronic noncarcinogenic effects, the hazard index identified for each toxicological endpoint totaled less than the threshold of 1.0 for all exposure scenarios. For acute exposures, the hazard indices for the identified averaging times did not exceed the threshold of 1.0. Therefore, acute and chronic non-carcinogenic hazards were predicted to be within acceptable limits and are less than significant.

2.6 POTENTIAL CANCER AND NON-CANCER RISKS[3]

For carcinogenic exposures, the summation of risk for the maximum exposed residential receptor totaled 20 in one million, which exceeds the threshold of 10 in one million. At this same location, non-cancer risks were estimated to be less than 1.0 for all toxicological endpoints.

5.3 CRITERIA POLLUTANT EXPOSURES

The State of California has promulgated strict ambient air quality standards for various pollutants. These standards were established to safeguard the public's health and welfare with specific emphasis on protecting those individuals susceptible to respiratory distress, such as asthmatics, the young, the elderly and those with existing conditions which may be affected by increased pollutant concentrations. However, recent research has shown that unhealthful respiratory responses occur with exposures to pollutants at levels that only marginally exceed clean air standards. Table 5-1 presents the CAAQS for the criteria pollutants considered in the assessment.

TABLE 5-1: CALIFORNIA AMBIENT AIR QUALITY STANDARDS

Pollutant	Standard	Health Effects
Particulates (PM10)	>50 μg/m3 (24 hr avg.) >20 μg/m3 (Annual)	1) Excess deaths from short-term exposures and the exacerbation of symptoms in sensitive individuals with respiratory disease. 2) Excess seasonal declines in pulmonary function especially in children.
Particulates (PM2.5)	>12 μg/m3 (Annual)	1) Excess deaths and illness from long-term exposures and the exacerbation of symptoms in sensitive individuals with respiratory and cardio pulmonary disease.
Carbon Monoxide (CO)	>9.0 ppm (8 hr avg.) >20.0 ppm (1 hr avg.)	1) Aggravation of angina pectoris and other aspects of coronary heart disease. 2) Decreased exercise tolerance in persons with peripheral vascular disease and lung disease. 3) Impairment of central nervous system functions. 4) Possible increased risk to fetuses.
Nitrogen Dioxide (NO2)	>0.18 ppm (1 hr avg.)	1) Potential to aggravate chronic respiratory disease and respiratory symptoms in sensitive groups. 2) Risk to public health implied by pulmonary and extra-pulmonary biochemical and cellular changes and pulmonary structural changes.

3 SCAQMD guidance does not require assessment of the potential health risk to on-site workers. Excerpts from the document OEHHA Air Toxics Hot Spots Program Risk Assessment Guidelines—The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments (OEHHA 2003), also indicate that it is not necessary to examine the health effects to on-site workers unless required by RCRA (Resource Conservation and Recovery Act) / CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) or the worker resides on-site.

Abbreviations: ppm: parts per million; μg/m3: micrograms per cubic meter.
Source: California Code of Regulations, Title 17, Section 70200.

Pollutant emissions are considered to have a significant effect on the environment if they result in concentrations that create either a violation of an ambient air quality standard, contribute to an existing air quality violation or expose sensitive receptors to substantive pollutant concentrations. Should ambient air quality already exceed existing standards, the SCAQMD has established significance criteria for selected compounds to account for the continued degradation of local air quality. Background concentrations are based upon the highest observed value for the most recent three year period.

For PM_{10} emissions, background concentrations representative of the project area exceed the CAAQS for the 24-hour and annual averaging times. As a result, a significant impact is achieved when pollutant concentrations produce a measurable change over existing background levels. Although background concentrations exceed the CAAQS annual averaging time for fine particulates, no measurable change criteria currently exists. As a result, the SCAQMD significance threshold of 2.5 $\mu g/m^3$ for the 24-hour averaging time is used to assess $PM_{2.5}$ impacts.

For the CO 1 and 8-hour averaging times and NO_2 1-hour averaging time, background concentrations are below the current air quality standards. As such, significance is achieved when pollutant concentrations add to existing levels and create an exceedance of the CAAQS. Table 5-2 shows the pollutant concentrations collected at the nearest available monitoring sites to the Project for the last three years of available data. Table 5-3 outlines the relevant significance thresholds considered to affect local air quality.

TABLE 5-2: PROJECT AREA AIR QUALITY MONITORING SUMMARY 2011-2013[4]

Pollutant/ Averaging Time	Year			
	2011	2012	2013	Maximum
Particulates (PM_{10}) 24-Hour	70	57	60	70
Particulates ($PM_{2.5}$) 24-Hour	52.9	35.2	29.8	52.9
Particulates (PM_{10}) Annual	30.8	30.9	--	30.9
Carbon Monoxide (CO) 1-Hour 8-Hour	-- 1.3	-- 1.1	3.0 1.1	3.0 1.3
Nitrogen Dioxide (NO_2) 1-Hour	0.069	0.067	0.052	0.069

Note: PM_{10} concentrations are expressed in micrograms per cubic meter ($\mu g/m^3$). All others are expressed in parts per million (ppm).
Source: U.S. Environmental Protection Agency and California Air Resources Board.

[4] CO and NO2 data obtained from Northwest San Bernardino Valley (SRA 32) monitoring station. Data for PM10 and PM2.5 was obtained from Southwest San Bernardino (SRA 33) Monitoring Station.

TABLE 5-3: SCAQMD AIR QUALITY SIGNIFICANCE THRESHOLDS

Pollutant	Averaging Time	Pollutant Concentration
Particulates (PM10) Particulates (PM2.5)	24-Hours	2.5 μg/m3 (operation)
Particulates (PM10)	Annual	1.0 μg/m3
Carbon Monoxide (CO)	1/8-Hours	SCAQMD is in attainment; impacts are significant if they cause or contribute to an exceedance of the following attainment standards 20 ppm (1-hour) and 9 ppm (8-hour).
Nitrogen Dioxide (NO2)	1-Hour	SCAQMD is in attainment; impacts are significant if they cause or contribute to an exceedance of the following attainment standard 0.18 ppm.

Abbreviations: ppm: parts per million; μg/m3: micrograms per cubic meter
Source: South Coast Air Quality Management District.

For the maximum exposed residential receptor, results of the analysis predicted freeway emissions will produce PM10 concentrations of 1.76 μg/m3 and 0.78 μg/m3 for the 24-hour and annual averaging times. These values will not exceed the SCAQMD significance thresholds of 2.5 μg/m3 and 1.0 μg/m3, respectively.

For PM2.5, a maximum 24-hour average concentration of 1.43 μg/m3 was predicted. This value also will not exceed the identified significance threshold of 2.5 μg/m3.

The maximum modeled 1-hour average concentration for CO of 0.23 parts per million (ppm) (257.73 μg/m3), when added to an existing background concentration of 3.0 ppm, would equal a total Project concentration of 3.23 ppm. This would not cause an exceedance of the California Ambient Air Quality Standards (CAAQS) of 20 ppm. For the 8-hour averaging time, the maximum predicted concentration of 0.13 ppm (154.53 μg/m3), when added to an existing background level of 1.3 ppm, would equal a total Project concentration of 1.43 ppm. This would not cause an exceedance of the CAAQS of 9 ppm.

For NO2, a maximum one hour concentration of 0.021 ppm (39.42 μg/m3) was predicted. This concentration, when added to a background concentration of 0.069 ppm, would equal a total Project concentration of 0.09 ppm. This would not cause an exceedance of the CAAQS of 0.18 ppm.

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6 FINDINGS & CONCLUSIONS

6.1 IMPACTS WITHOUT MITIGATION

For carcinogenic exposures, the summation of risk for the maximum exposed residential receptor totaled 20 in one million, which exceeds the threshold of 10 in one million.

For chronic noncarcinogenic effects, the hazard index identified for each toxicological endpoint totaled less than one for both the 30 year and 9 year exposure scenarios. For acute exposures, the hazard indices for the identified averaging times did not exceed unity. Therefore, noncarcinogenic hazards are calculated to be within acceptable limits and a less than significant impact would occur.

For the maximum exposed residential receptor, results of the analysis predicted freeway emissions will produce PM10 concentrations of 1.76 μg/m3 and 0.78 μg/m3 for the 24-hour and annual averaging times. These values will not exceed the SCAQMD significance thresholds of 2.5 μg/m3 and 1.0 μg/m3, respectively.

For PM2.5, a maximum 24-hour average concentration of 1.43 μg/m3 was predicted. This value also will not exceed the identified significance threshold of 2.5 μg/m3.

The maximum modeled 1-hour average concentration for CO of 0.23 parts per million (ppm) (257.73 μg/m3), when added to an existing background concentration of 3.0 ppm, would equal a total Project concentration of 3.23 ppm. This would not cause an exceedance of the California Ambient Air Quality Standards (CAAQS) of 20 ppm. For the 8-hour averaging time, the maximum predicted concentration of 0.13 ppm (154.53 μg/m3), when added to an existing background level of 1.3 ppm, would equal a total Project concentration of 1.43 ppm. This would not cause an exceedance of the CAAQS of 9 ppm.

For NO2, a maximum one hour concentration of 0.021 ppm (39.42 μg/m3) was predicted. This concentration, when added to a background concentration of 0.069 ppm, would equal a total Project concentration of 0.09 ppm. This would not cause an exceedance of the CAAQS of 0.18 ppm.

As noted, short duration (i.e., 1 and 8-hour) exposures associated with both toxic and criteria pollutants are within acceptable limits. As such, less than significant impacts are anticipated to residents who access and utilize outdoor amenities.

6.2 MITIGATION MEASURES

MM FHRA-1

Residential units within the project site shall include the installation and maintenance of air filtration systems with efficiencies equal to or exceeding a Minimum Efficiency Reporting Value

(MERV) 16 as defined by the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE) Standard 52.2 (12)[5].

6.3 IMPACTS WITH MITIGATION

With implementation of MM FHRA-1, for carcinogenic exposures, the summation of risk for the maximum exposed residential receptor totaled 7.14 in one million, which does not exceed the threshold of 10 in one million.

For chronic noncarcinogenic effects, the hazard index identified for each toxicological endpoint totaled less than one for both the 30 year and 9 year exposure scenarios. For acute exposures, the hazard indices for the identified averaging times did not exceed unity. Therefore, noncarcinogenic hazards are calculated to be within acceptable limits and a less than significant impact would occur.

For the maximum exposed residential receptor, results of the analysis predicted freeway emissions will produce PM10 concentrations of 0.18 μg/m3 and 0.08 μg/m3 for the 24-hour and annual averaging times. These values will not exceed the SCAQMD significance thresholds of 2.5 μg/m3 and 1.0 μg/m3, respectively.

For PM2.5, a maximum 24-hour average concentration of 0.07 μg/m3 was predicted. This value also will not exceed the identified significance threshold of 2.5 μg/m3.

The maximum modeled 1-hour average concentration for CO of 0.23 parts per million (ppm) (257.73 μg/m3), when added to an existing background concentration of 3.0 ppm, would equal a total Project concentration of 3.23 ppm. This would not cause an exceedance of the California Ambient Air Quality Standards (CAAQS) of 20 ppm. For the 8-hour averaging time, the maximum predicted concentration of 0.13 ppm (154.53 μg/m3), when added to an existing background level of 1.3 ppm, would equal a total Project concentration of 1.43 ppm. This would not cause an exceedance of the CAAQS of 9 ppm.

For NO2, a maximum one hour concentration of 0.021 ppm (39.42 μg/m3) was predicted. This concentration, when added to a background concentration of 0.069 ppm, would equal a total Project concentration of 0.09 ppm. This would not cause an exceedance of the CAAQS of 0.18 ppm.

As noted, short duration (i.e., 1 and 8-hour) exposures associated with both toxic and criteria pollutants are within acceptable limits. As such, less than significant impacts are anticipated to residents who access and utilize outdoor amenities.

5 The use of MERV filtration systems to reduce DPM and particulates has been successfully implemented by several lead agencies, including, but not limited to: City of Los Angeles, City of Claremont, City of Irvine, City of Glendale, City of Berkley, City of Oakland, and the Los Angeles Unified School District (LAUSD).

The average particle size efficiency (PSE) removal based on ASHRAE Standard 52.2 for MERV 16 is approximately 95% for 0.3 to 1.0 $\mu g/m^3$(DPM) and 95% for 1.0 to 10 $\mu g/m^3$(PM_{10} and $PM_{2.5}$) (2).

7 REFERENCES

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10. **Office of Environmental Health Hazard Assessmen.** IR TOXICS HOT SPOTS PROGRAM RISK ASSESSMENT GUIDELINES. [Online] September 2000. http://www.oehha.org/air/hot_spots/pdf/Stoch4f.pdf.

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8 CERTIFICATION

The contents of this air study report represent an accurate depiction of the environmental impacts associated with the proposed Meredith International Centre Specific Plan Amendment Project. The information contained in this health risk assessment is based on the best available data at the time of preparation. If you have any questions, please contact me directly at (949) 660-1994 ext. 217.

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EDUCATION

Master of Science in Environmental Studies
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PROFESSIONAL AFFILIATIONS

AEP – Association of Environmental Planners
AWMA – Air and Waste Management Association
ASTM – American Society for Testing and Materials

PROFESSIONAL CERTIFICATIONS

Environmental Site Assessment – American Society for Testing and Materials • June, 2013
Planned Communities and Urban Infill – Urban Land Institute • June, 2011
Indoor Air Quality and Industrial Hygiene – EMSL Analytical • April, 2008
Principles of Ambient Air Monitoring – California Air Resources Board • August, 2007
AB2588 Regulatory Standards – Trinity Consultants • November, 2006
Air Dispersion Modeling – Lakes Environmental • June, 2006

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APPENDIX 3.1:

EMISSION RATE CALCULATION WORKSHEETS

Running Rate Emission Summary

Criteria	5 mph	45 mph	65 mph
CO	3.281	1.043	2.087
NOx	0.861	0.586	0.831
PM10	0.046	0.0136	0.0162
PM2.5	0.042	0.0037	0.0149
TOG GAS	0.402	0.102	0.174
TOG DSL	1.565	0.141	0.111
DSL Particulate	0.096	0.045	0.068

TW/BW Emission Summary

	TW	BW	Total
PM10	0.045	0.040	0.085
PM2.5	0.002	0.017	0.019

EMFAC2011 Worksheet
(5 mph)

EMFAC2011 Emission Rates
Region Type: County
Region: San Bernardino
Calendar Year: 2020
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Pollutant Classification: Criteria

Region	CalYr	Season	Veh_Class	Fuel	MdlYr	Speed (miles/hr)	Population (vehicles)	Wt Frac	CO_RUNEX (gms/mile)	CO_RUNEX AVE (gms/mile)	NOX_RUNEX (gms/mile)	NOx_RUNEX AVE (gms/mile)	PM10_RUNEX (gms/mile)	PM10_RUNEX AVE (gms/mile)	PM10_PMTW (gms/mile)	PM10_PMTW_AVE (gms/mile)	PM10_PMBW (gms/mile)	PM10_PMBW_AVE (gms/mile)
San Bernardino	2020	Annual	LDA	DSL	Aggregated	5	1869.620736	0.0013	1.63396101	0.00208793	0.140868014	0.00018001	0.01104466	0.00001411	0.01104466	0.00001411	0.036749816	0.000046960
San Bernardino	2020	Annual	LDA	GAS	Aggregated	5	676311.8832	0.4622	0.388885075	0.17975830	0.512631562	0.23695889	0.038178762	0.01764776	0.038178762	0.01764776	0.036749814	0.016987240
San Bernardino	2020	Annual	LDT1	DSL	Aggregated	5	134.88275	0.0001	4.147266451	0.00038233	0.402782346	0.00003713	0.018724347	0.00000173	0.018724347	0.00000173	0.036749816	0.000003388
San Bernardino	2020	Annual	LDT1	GAS	Aggregated	5	101185.5326	0.0692	0.594299612	0.04110026	0.601790533	0.04161831	0.07806097	0.00539850	0.07806097	0.00539850	0.036749814	0.002541524
San Bernardino	2020	Annual	LDT2	DSL	Aggregated	5	121.25939	0.0001	2.211657599	0.00018330	0.235659558	0.00001953	0.011471137	0.00000095	0.011471137	0.00000095	0.036749815	0.000003046
San Bernardino	2020	Annual	LDT2	GAS	Aggregated	5	247137.3591	0.1689	0.433088895	0.07315367	0.606343189	0.10241830	0.042878954	0.00724275	0.042878954	0.00724275	0.036749815	0.006207464
San Bernardino	2020	Annual	LHD1	DSL	Aggregated	5	25208.75828	0.0172	4.043867813	0.06967373	0.253930123	0.00437508	0.004900165	0.00008443	0.004900165	0.00008443	0.076439597	0.001317014
San Bernardino	2020	Annual	LHD1	GAS	Aggregated	5	47538.03319	0.0325	3.037043237	0.09867630	3.720863867	0.12089425	0.083639947	0.00271754	0.083639947	0.00271754	0.036749816	0.001194035
San Bernardino	2020	Annual	LHD2	DSL	Aggregated	5	7609.175113	0.0052	2.238986332	0.01164420	0.200781511	0.00104420	0.003441808	0.00001790	0.003441808	0.00001790	0.089179536	0.000463792
San Bernardino	2020	Annual	LHD2	GAS	Aggregated	5	4498.996026	0.0031	2.961705373	0.00910706	3.605873878	0.01108784	0.082409487	0.00025340	0.082409487	0.00025340	0.036749815	0.000113003
San Bernardino	2020	Annual	MCY	GAS	Aggregated	5	41584.70141	0.0284	24.71769052	0.70252556	1.217078548	0.03459178	0.000596026	0.00001694	0.000596026	0.00001694	0.036749449	0.001044492
San Bernardino	2020	Annual	MDV	DSL	Aggregated	5	218.195775	0.0001	3.5644918	0.00053158	0.416308819	0.00006208	0.012602552	0.00000188	0.012602552	0.00000188	0.036749814	0.000005481
San Bernardino	2020	Annual	MDV	GAS	Aggregated	5	252358.7351	0.1725	0.392360143	0.06767432	0.469452337	0.08097119	0.046592791	0.00803633	0.046592791	0.00803633	0.036749815	0.006338612
San Bernardino	2020	Annual	MH	DSL	Aggregated	5	2431.280612	0.0017	7.010467968	0.01164938	0.362017351	0.00060157	0.00584485	0.00000971	0.00584485	0.00000971	0.130339314	0.000216586
San Bernardino	2020	Annual	MH	GAS	Aggregated	5	13561.73574	0.0093	2.313226809	0.02144145	15.32431539	0.14204208	0.374920201	0.00347516	0.374920201	0.00347516	0.036749815	0.000340636
San Bernardino	2020	Annual	T6	DSL	Aggregated	5	13162.03774	0.0090	7.304080554	0.06570665	0.456791649	0.00410924	0.002824517	0.00002541	0.003151388	0.00002835	0.130339319	0.001172517
San Bernardino	2020	Annual	T6	GAS	Aggregated	5	2552.247931	0.0017	2.121127043	0.00370007	6.125609563	0.01068545	0.079685969	0.00013900	0.060595317	0.00010570	0.036749815	0.000064106
San Bernardino	2020	Annual	T7	DSL	Aggregated	5	22269.12415	0.0152	123.4525507	1.87898736	3.425343758	0.05213483	0.015225889	0.00023174	0.0017506	0.00002664	0.061135219	0.000930498
San Bernardino	2020	Annual	T7	GAS	Aggregated	5	294.2198155	0.0002	6.116524961	0.00122998	13.53777275	0.00272232	0.231236538	0.00004650	0.096286237	0.00001936	0.036749815	0.000007390
San Bernardino	2020	Annual	OBUS	DSL	Aggregated	5	440.6269497	0.0003	8.419834014	0.00253568	0.609099752	0.00018343	0.003151388	0.00000095	0.002824517	0.00000085	0.130339319	0.000039252
San Bernardino	2020	Annual	OBUS	GAS	Aggregated	5	733.2853002	0.0005	3.475365508	0.00174178	10.41358567	0.00521908	0.060595317	0.00003037	0.079685969	0.00003994	0.036749814	0.000018418
San Bernardino	2020	Annual	SBUS	DSL	Aggregated	5	1058.466563	0.0007	33.83143174	0.02447475	1.179169555	0.00085305	0.0017506	0.00000127	0.015225889	0.00001101	0.744796108	0.000538809
San Bernardino	2020	Annual	SBUS	GAS	Aggregated	5	203.1956088	0.0001	1.990490103	0.00027644	25.25098266	0.00350682	0.096286237	0.00001337	0.231236538	0.00003211	0.036749815	0.000005104
San Bernardino	2020	Annual	UBUS	DSL	Aggregated	5	350.6148485	0.0002	45.76174481	0.01096613	3.318322148	0.00079519	0.006761242	0.00000162	0.006761242	0.00000162	0.841815676	0.000201729
San Bernardino	2020	Annual	UBUS	GAS	Aggregated	5	284.0042077	0.0002	8.092312554	0.00157079	21.1801737	0.00411126	0.546961623	0.00010617	0.546961623	0.00010617	0.036749814	0.000007133
							1463118.0	1.0		3.281		0.861		0.046		0.045		0.040

EMFAC2011 Emission Rates
Region Type: County
Region: San Bernardino
Calendar Year: 2020
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Pollutant Classification: TOG GAS

Region	CalYr	Season	Veh_Class	Fuel	MdlYr	Speed (miles/hr)	Population (vehicles)	Wt Frac	TOG_RUNEX (gms/mile)	TOG_RUNEX AVE (gms/mile)
San Bernardino	2020	Annual	LDA	GAS	Aggregated	5	676311.8832	0.4872	0.167092348	0.0814
San Bernardino	2020	Annual	LDT1	GAS	Aggregated	5	101185.5326	0.0729	0.385938988	0.0281
San Bernardino	2020	Annual	LDT2	GAS	Aggregated	5	247137.3591	0.1780	0.225519997	0.0401
San Bernardino	2020	Annual	LHD1	GAS	Aggregated	5	47538.03319	0.0342	0.409134136	0.0140
San Bernardino	2020	Annual	LHD2	GAS	Aggregated	5	4498.996026	0.0032	0.218395607	0.0007
San Bernardino	2020	Annual	MCY	GAS	Aggregated	5	41584.70141	0.0300	5.195983468	0.1556
San Bernardino	2020	Annual	MDV	GAS	Aggregated	5	252358.7351	0.1818	0.402124252	0.0731
San Bernardino	2020	Annual	MH	GAS	Aggregated	5	13561.73574	0.0098	0.436966581	0.0043
San Bernardino	2020	Annual	T6	GAS	Aggregated	5	2552.247931	0.0018	0.651191243	0.0012
San Bernardino	2020	Annual	T7	GAS	Aggregated	5	294.2198155	0.0002	4.027191561	0.0009
San Bernardino	2020	Annual	OBUS	GAS	Aggregated	5	733.2853002	0.0005	0.74171332	0.0004
San Bernardino	2020	Annual	SBUS	GAS	Aggregated	5	203.1956088	0.0001	4.000791991	0.0006
San Bernardino	2020	Annual	UBUS	GAS	Aggregated	5	284.0042077	0.0002	6.225860968	0.0013
							1388243.9	1.0		0.402

PM2_5_RUNEX (gms/mile)	PM2_5_RUNEX_AVE (gms/mile)	PM2_5_PMTW (gms/mile)	PM2_5_PMTW_AVE (gms/mile)	PM2_5_PMBW (gms/mile)	PM2_5_PMBW_AVE (gms/mile)
0.010244376	0.000013091	0.00199999	0.000002556	0.01574992	0.000020126
0.035124462	0.016235937	0.00199999	0.000924476	0.01574992	0.007280245
0.017367232	0.000001601	0.00199999	0.000000184	0.01574992	0.000001452
0.071816096	0.004966619	0.00199999	0.000138314	0.015749919	0.001089225
0.010640254	0.000000882	0.00199999	0.000000166	0.015749919	0.000001305
0.03944864	0.006663326	0.00199999	0.000337821	0.01574992	0.002660342
0.004541286	0.000078244	0.002999984	0.000051688	0.032759827	0.000564435
0.076948752	0.002500135	0.00199999	0.000064981	0.01574992	0.000511729
0.00318979	0.000016589	0.002999985	0.000015602	0.038219796	0.000198768
0.075816729	0.000233132	0.00199999	0.000006150	0.01574992	0.000048430
0.000509313	0.000014476	0.001999975	0.000056843	0.015749763	0.000447639
0.011670213	0.000001740	0.00199999	0.000000298	0.015749919	0.000002349
0.04286537	0.007393423	0.00199999	0.000344958	0.01574992	0.002716548
0.005406602	0.000008984	0.002999985	0.000004985	0.055859693	0.000092823
0.344926595	0.003197147	0.00199999	0.000018538	0.01574992	0.000145987
0.002905428	0.000026137	0.002999984	0.000026988	0.055859708	0.000502507
0.055747691	0.000097246	0.00199999	0.000003489	0.01574992	0.000027474
0.00161348	0.000024558	0.00891184	0.000135641	0.026200808	0.000398785
0.088583338	0.000017813	0.00199999	0.000000402	0.01574992	0.000003167
0.002620686	0.000000789	0.002999984	0.000000903	0.055859708	0.000016822
0.073311092	0.000036742	0.00199999	0.000001002	0.01574992	0.000007894
0.013930387	0.000010078	0.002999984	0.000002170	0.319198332	0.000230918
0.212737615	0.000029545	0.00199999	0.000000278	0.01574992	0.000002187
0.006273318	0.000001503	0.00199999	0.000000479	0.360778114	0.000086455
0.503204718	0.000097677	0.00199999	0.000000388	0.01574992	0.000003057
	0.042		0.002		0.017

EMFAC2011 Emission Rates
Region Type: County
Region: San Bernardino
Calendar Year: 2020
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Pollutant Classification: TOG DSL

Region	CalYr	Season	Veh_Class	Fuel	MdlYr	Speed (miles/hr)	Population (vehicles)	Wt Frac	TOG_RUNEX (gms/mile)	TOG_RUNEX AVE (gms/mile)
San Bernardino	2020	Annual	LDA	DSL	Aggregated	5	1869.620736	0.0250	0.062086656	0.0016
San Bernardino	2020	Annual	LDT1	DSL	Aggregated	5	134.88275	0.0018	0.11263324	0.0002
San Bernardino	2020	Annual	LDT2	DSL	Aggregated	5	121.25939	0.0016	0.071426065	0.0001
San Bernardino	2020	Annual	LHD1	DSL	Aggregated	5	25208.75828	0.3367	0.424307731	0.1429
San Bernardino	2020	Annual	LHD2	DSL	Aggregated	5	7609.175113	0.1016	0.404215752	0.0411
San Bernardino	2020	Annual	MDV	DSL	Aggregated	5	218.195775	0.0029	0.068432198	0.0002
San Bernardino	2020	Annual	MH	DSL	Aggregated	5	2431.280612	0.0325	1.628510671	0.0529
San Bernardino	2020	Annual	T6	DSL	Aggregated	5	13162.03774	0.1758	1.371146941	0.2410
San Bernardino	2020	Annual	T7	DSL	Aggregated	5	22269.12415	0.2974	3.511421562	1.0444
San Bernardino	2020	Annual	OBUS	DSL	Aggregated	5	440.6269497	0.0059	2.08523457	0.0123
San Bernardino	2020	Annual	SBUS	DSL	Aggregated	5	1058.466563	0.0141	1.490976176	0.0211
San Bernardino	2020	Annual	UBUS	DSL	Aggregated	5	350.6148485	0.0047	1.628105228	0.0076
							74874.0	1.0		1.565

EMFAC2011 Emission Rates
Region Type: County
Region: San Bernardino
Calendar Year: 2020
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Pollutant Classification: DSL Particulate

Region	CalYr	Season	Veh_Class	Fuel	MdlYr	Speed (miles/hr)	Population (vehicles)	Wt Frac	PM10_RUNEX (gms/mile)	PM10_RUNEX AVE (gms/mile)
San Bernardino	2020	Annual	LDA	DSL	Aggregated	5	1869.620736	0.0250	0.038178762	0.0010
San Bernardino	2020	Annual	LDT1	DSL	Aggregated	5	134.88275	0.0018	0.07806097	0.0001
San Bernardino	2020	Annual	LDT2	DSL	Aggregated	5	121.25939	0.0016	0.042878954	0.0001
San Bernardino	2020	Annual	LHD1	DSL	Aggregated	5	25208.75828	0.3367	0.083639947	0.0282
San Bernardino	2020	Annual	LHD2	DSL	Aggregated	5	7609.175113	0.1016	0.082409487	0.0084
San Bernardino	2020	Annual	MDV	DSL	Aggregated	5	218.195775	0.0029	0.046592791	0.0001
San Bernardino	2020	Annual	MH	DSL	Aggregated	5	2431.280612	0.0325	0.374920201	0.0122
San Bernardino	2020	Annual	T6	DSL	Aggregated	5	13162.03774	0.1758	0.060595317	0.0107
San Bernardino	2020	Annual	T7	DSL	Aggregated	5	22269.12415	0.2974	0.096286237	0.0286
San Bernardino	2020	Annual	OBUS	DSL	Aggregated	5	440.6269497	0.0059	0.079685969	0.0005
San Bernardino	2020	Annual	SBUS	DSL	Aggregated	5	1058.466563	0.0141	0.231236538	0.0033
San Bernardino	2020	Annual	UBUS	DSL	Aggregated	5	350.6148485	0.0047	0.546961623	0.0026
							74874.0	1.0		0.096

EMFAC2011 Worksheet
(45 mph)

EMFAC2011 Emission Rates
Region Type: County
Region: San Bernardino
Calendar Year: 2020
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Pollutant Classification: Criteria

Region	CalYr	Season	Veh_Class	Fuel	MdlYr	Speed (miles/hr)	Population (vehicles)	Wt Frac	CO_RUNEX (gms/mile)	CO_RUNEX AVE (gms/mile)	NOX_RUNEX (gms/mile)	NOx_RUNEX AVE (gms/mile)	PM10_RUNEX (gms/mile)	PM10_RUNEX AVE (gms/mile)	PM10_PMTW (gms/mile)	PM10_PMTW_AVE (gms/mile)	PM10_PMBW (gms/mile)	PM10_PMBW_AVE (gms/mile)
San Bernardino	2020	Annual	LDA	DSL	Aggregated	45	1869.620736	0.0013	0.921828856	0.00117794	0.087074161	0.00011127	0.001262068	0.00000161	0.007999959	0.00001022	0.036749816	0.000046960
San Bernardino	2020	Annual	LDA	GAS	Aggregated	45	676311.8832	0.4622	0.115377461	0.05333210	0.361944334	0.16730521	0.011625019	0.00537355	0.007999958	0.00369790	0.036749814	0.016987240
San Bernardino	2020	Annual	LDT1	DSL	Aggregated	45	134.88275	0.0001	2.068756635	0.00019072	0.226901345	0.00002092	0.0022862	0.00000021	0.007999959	0.00000074	0.036749816	0.000003388
San Bernardino	2020	Annual	LDT1	GAS	Aggregated	45	101185.5326	0.0692	0.15549935	0.01075394	0.419358847	0.02900180	0.022418609	0.00155041	0.007999958	0.00055326	0.036749814	0.002541524
San Bernardino	2020	Annual	LDT2	DSL	Aggregated	45	121.25939	0.0001	1.237830563	0.00010259	0.143103183	0.00001186	0.001327091	0.00000011	0.007999958	0.00000066	0.036749815	0.000003046
San Bernardino	2020	Annual	LDT2	GAS	Aggregated	45	247137.3591	0.1689	0.128875744	0.02176859	0.426292545	0.07200569	0.012875683	0.00217485	0.007999959	0.00135128	0.036749815	0.006207464
San Bernardino	2020	Annual	LHD1	DSL	Aggregated	45	25208.75828	0.0172	0.746641247	0.01286424	0.355948871	0.00613281	0.000570528	0.00000983	0.011999938	0.00020675	0.076439597	0.001317014
San Bernardino	2020	Annual	LHD1	GAS	Aggregated	45	47538.03319	0.0325	0.577367617	0.01875920	2.182284813	0.07090442	0.023619181	0.00076741	0.007999959	0.00025993	0.036749816	0.001194035
San Bernardino	2020	Annual	LHD2	DSL	Aggregated	45	7609.175113	0.0052	0.405914875	0.00211102	0.278031286	0.00144595	0.00039618	0.00000206	0.011999938	0.00006241	0.089179536	0.000463792
San Bernardino	2020	Annual	LHD2	GAS	Aggregated	45	4498.996026	0.0031	0.563322937	0.00173218	2.120150433	0.00651933	0.023204363	0.00007135	0.007999958	0.00002460	0.036749815	0.000113003
San Bernardino	2020	Annual	MCY	GAS	Aggregated	45	41584.70141	0.0284	18.39039261	0.52269127	1.204186906	0.03422537	0.000257839	0.00000733	0.00799990	0.00022737	0.036749449	0.001044492
San Bernardino	2020	Annual	MDV	DSL	Aggregated	45	218.195775	0.0001	1.864349682	0.00027803	0.246416505	0.00003675	0.001481296	0.00000022	0.007999958	0.00000119	0.036749814	0.000005481
San Bernardino	2020	Annual	MDV	GAS	Aggregated	45	252358.7351	0.1725	0.116543802	0.02010149	0.340006474	0.05864435	0.013940236	0.00240441	0.007999959	0.00137983	0.036749815	0.006338612
San Bernardino	2020	Annual	MH	DSL	Aggregated	45	2431.280612	0.0017	1.285959692	0.00213689	0.504735318	0.00083872	0.000676112	0.00000112	0.011999938	0.00001994	0.130339314	0.000216586
San Bernardino	2020	Annual	MH	GAS	Aggregated	45	13561.73574	0.0093	0.481349224	0.00446166	5.288217442	0.04901683	0.114836794	0.00106443	0.007999959	0.00007415	0.036749815	0.000340636
San Bernardino	2020	Annual	T6	DSL	Aggregated	45	13162.03774	0.0090	1.347820765	0.01212484	0.638784328	0.00574643	0.000361429	0.00000325	0.011999937	0.00010795	0.130339319	0.001172517
San Bernardino	2020	Annual	T6	GAS	Aggregated	45	2552.247931	0.0017	0.369016784	0.00064371	1.709663757	0.00298232	0.046649404	0.00008137	0.007999958	0.00001396	0.036749815	0.000064106
San Bernardino	2020	Annual	T7	DSL	Aggregated	45	22269.12415	0.0152	23.03673273	0.35062645	4.836708593	0.07361625	0.000208182	0.00000317	0.035647358	0.00054256	0.061135219	0.000930498
San Bernardino	2020	Annual	T7	GAS	Aggregated	45	294.2198155	0.0002	1.026901467	0.00020650	3.453354339	0.00069444	0.071482606	0.00001437	0.007999959	0.00000161	0.036749815	0.000007390
San Bernardino	2020	Annual	OBUS	DSL	Aggregated	45	440.6269497	0.0003	1.636602001	0.00049287	0.895534223	0.00026970	0.000323669	0.00000010	0.011999937	0.00000361	0.130339319	0.000039252
San Bernardino	2020	Annual	OBUS	GAS	Aggregated	45	733.2853002	0.0005	0.583243457	0.00029231	2.899219974	0.00145303	0.053442892	0.00002678	0.007999958	0.00000401	0.036749814	0.000018418
San Bernardino	2020	Annual	SBUS	DSL	Aggregated	45	1058.466563	0.0007	6.074050753	0.00439416	1.635001719	0.00118281	0.001757574	0.00000127	0.011999937	0.00000868	0.744796108	0.000538809
San Bernardino	2020	Annual	SBUS	GAS	Aggregated	45	203.1956088	0.0001	0.333878476	0.00004637	7.785200907	0.00108120	0.041981697	0.00000583	0.007999959	0.00000111	0.036749815	0.000005104
San Bernardino	2020	Annual	UBUS	DSL	Aggregated	45	350.6148485	0.0002	8.230311465	0.00197227	4.579895617	0.00109751	0.000780472	0.00000019	0.007999959	0.00000192	0.841815676	0.000201729
San Bernardino	2020	Annual	UBUS	GAS	Aggregated	45	284.0042077	0.0002	1.08427816	0.00021047	9.600504008	0.00186354	0.115584714	0.00002244	0.007999959	0.00000155	0.036749814	0.000007133
							1463118.0	1.0		1.043		0.586		0.014		0.009		0.040

EMFAC2011 Emission Rates
Region Type: County
Region: San Bernardino
Calendar Year: 2020
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Pollutant Classification: TOG GAS

Region	CalYr	Season	Veh_Class	Fuel	MdlYr	Speed (miles/hr)	Population (vehicles)	Wt Frac	TOG_RUNEX (gms/mile)	TOG_RUNEX AVE (gms/mile)
San Bernardino	2020	Annual	LDA	GAS	Aggregated	45	676311.8832	0.4872	0.023113453	0.0113
San Bernardino	2020	Annual	LDT1	GAS	Aggregated	45	101185.5326	0.0729	0.060483214	0.0044
San Bernardino	2020	Annual	LDT2	GAS	Aggregated	45	247137.3591	0.1780	0.031631187	0.0056
San Bernardino	2020	Annual	LHD1	GAS	Aggregated	45	47538.03319	0.0342	0.048831832	0.0017
San Bernardino	2020	Annual	LHD2	GAS	Aggregated	45	4498.996026	0.0032	0.025511203	0.0001
San Bernardino	2020	Annual	MCY	GAS	Aggregated	45	41584.70141	0.0300	2.245962604	0.0673
San Bernardino	2020	Annual	MDV	GAS	Aggregated	45	252358.7351	0.1818	0.056574401	0.0103
San Bernardino	2020	Annual	MH	GAS	Aggregated	45	13561.73574	0.0098	0.052103505	0.0005
San Bernardino	2020	Annual	T6	GAS	Aggregated	45	2552.247931	0.0018	0.078085336	0.0001
San Bernardino	2020	Annual	T7	GAS	Aggregated	45	294.2198155	0.0002	0.490255904	0.0001
San Bernardino	2020	Annual	OBUS	GAS	Aggregated	45	733.2853002	0.0005	0.09243675	0.0000
San Bernardino	2020	Annual	SBUS	GAS	Aggregated	45	203.1956088	0.0001	0.460384873	0.0001
San Bernardino	2020	Annual	UBUS	GAS	Aggregated	45	284.0042077	0.0002	0.718671481	0.0001
							1388243.9	1.0		0.102

PM2_5_RUNEX (gms/mile)	PM2_5_RUNEX_AVE (gms/mile)	PM2_5_PMTW (gms/mile)	PM2_5_PMTW_AVE (gms/mile)	PM2_5_PMBW (gms/mile)	PM2_5_PMBW_AVE (gms/mile)
0.016332504	0.000020870	0.001170302	0.000001495	0.01574992	0.000020126
0.001137142	0.000525633	0.010695017	0.004943667	0.01574992	0.007280245
0.031351655	0.000002890	0.002119904	0.000000195	0.01574992	0.000001452
0.00250246	0.000173064	0.020625122	0.001426381	0.015749919	0.001089225
0.016195212	0.000001342	0.001230587	0.000000102	0.015749919	0.000001305
0.001255286	0.000212032	0.011845629	0.002000862	0.01574992	0.002660342
0.025065852	0.000431872	0.000528732	0.000009110	0.032759827	0.000564435
0.000719021	0.000023362	0.021729646	0.000706016	0.01574992	0.000511729
0.024566565	0.000127762	0.000367153	0.000001909	0.038219796	0.000198768
0.000548529	0.000001687	0.021348014	0.000065644	0.01574992	0.000048430
0.000290481	0.000008256	0.000216682	0.000006159	0.015749763	0.000447639
0.016981342	0.000002532	0.001369439	0.000000204	0.015749919	0.000002349
0.001415741	0.000244187	0.012825018	0.002212060	0.01574992	0.002716548
0.122649701	0.000203808	0.000625423	0.000001039	0.055859693	0.000092823
0.001000658	0.000009275	0.105649855	0.000979275	0.01574992	0.000145987
0.067421206	0.000606513	0.000333334	0.000002999	0.055859708	0.000502507
0.000549445	0.000000958	0.042917451	0.000074865	0.01574992	0.000027474
0.065611216	0.000998624	0.000191491	0.000002915	0.026200808	0.000398785
0.000268292	0.000000054	0.065763997	0.000013225	0.01574992	0.000003167
0.050953073	0.000015345	0.000300312	0.000000090	0.055859708	0.000016822
0.000429135	0.000000215	0.049167461	0.000024642	0.01574992	0.000007894
0.0708501	0.000051255	0.00160803	0.000001163	0.319198332	0.000230918
0.002807845	0.000000390	0.038623161	0.000005364	0.01574992	0.000002187
0.118820438	0.000028474	0.00072415	0.000000174	0.360778114	0.000086455
0.000809755	0.000000157	0.10633794	0.000020641	0.01574992	0.000003057
	0.004		0.013		0.017

EMFAC2011 Emission Rates
Region Type: County
Region: San Bernardino
Calendar Year: 2020
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Pollutant Classification: TOG DSL

Region	CalYr	Season	Veh_Class	Fuel	MdlYr	Speed (miles/hr)	Population (vehicles)	Wt Frac	TOG_RUNEX (gms/mile)	TOG_RUNEX AVE (gms/mile)
San Bernardino	2020	Annual	LDA	DSL	Aggregated	45	1869.620736	0.0250	0.019303434	0.0005
San Bernardino	2020	Annual	LDT1	DSL	Aggregated	45	134.88275	0.0018	0.033242291	0.0001
San Bernardino	2020	Annual	LDT2	DSL	Aggregated	45	121.25939	0.0016	0.022148574	0.0000
San Bernardino	2020	Annual	LHD1	DSL	Aggregated	45	25208.75828	0.3367	0.120201444	0.0405
San Bernardino	2020	Annual	LHD2	DSL	Aggregated	45	7609.175113	0.1016	0.114665332	0.0117
San Bernardino	2020	Annual	MDV	DSL	Aggregated	45	218.195775	0.0029	0.020980501	0.0001
San Bernardino	2020	Annual	MH	DSL	Aggregated	45	2431.280612	0.0325	0.117188054	0.0038
San Bernardino	2020	Annual	T6	DSL	Aggregated	45	13162.03774	0.1758	0.088869793	0.0156
San Bernardino	2020	Annual	T7	DSL	Aggregated	45	22269.12415	0.2974	0.219844534	0.0654
San Bernardino	2020	Annual	OBUS	DSL	Aggregated	45	440.6269497	0.0059	0.130236831	0.0008
San Bernardino	2020	Annual	SBUS	DSL	Aggregated	45	1058.466563	0.0141	0.082014067	0.0012
San Bernardino	2020	Annual	UBUS	DSL	Aggregated	45	350.6148485	0.0047	0.344053536	0.0016
							74874.0	1.0		0.141

EMFAC2011 Emission Rates
Region Type: County
Region: Los Angeles
Calendar Year: 2020
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Pollutant Classification: DSL Particulate

Region	CalYr	Season	Veh_Class	Fuel	MdlYr	Speed (miles/hr)	Population (vehicles)	Wt Frac	PM10_RUNEX (gms/mile)	PM10_RUNEX AVE (gms/mile)
San Bernardino	2020	Annual	LDA	DSL	Aggregated	45	1869.620736	0.0250	0.011625019	0.0003
San Bernardino	2020	Annual	LDT1	DSL	Aggregated	45	134.88275	0.0018	0.022418609	0.0000
San Bernardino	2020	Annual	LDT2	DSL	Aggregated	45	121.25939	0.0016	0.012875683	0.0000
San Bernardino	2020	Annual	LHD1	DSL	Aggregated	45	25208.75828	0.3367	0.023619181	0.0080
San Bernardino	2020	Annual	LHD2	DSL	Aggregated	45	7609.175113	0.1016	0.023204363	0.0024
San Bernardino	2020	Annual	MDV	DSL	Aggregated	45	218.195775	0.0029	0.013940236	0.0000
San Bernardino	2020	Annual	MH	DSL	Aggregated	45	2431.280612	0.0325	0.114836794	0.0037
San Bernardino	2020	Annual	T6	DSL	Aggregated	45	13162.03774	0.1758	0.046649404	0.0082
San Bernardino	2020	Annual	T7	DSL	Aggregated	45	22269.12415	0.2974	0.071482606	0.0213
San Bernardino	2020	Annual	OBUS	DSL	Aggregated	45	440.6269497	0.0059	0.053442892	0.0003
San Bernardino	2020	Annual	SBUS	DSL	Aggregated	45	1058.466563	0.0141	0.041981697	0.0006
San Bernardino	2020	Annual	UBUS	DSL	Aggregated	45	350.6148485	0.0047	0.115584714	0.0005
							74874.0	1.0		0.045

EMFAC2011 Emission Rates
Region Type: County
Region: San Bernardino
Calendar Year: 2020
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Pollutant Classification: Criteria

Region	CalYr	Season	Veh_Class	Fuel	MdlYr	Speed (miles/hr)	Population (vehicles)	Wt Frac	CO_RUNEX (gms/mile)	CO_RUNEX AVE (gms/mile)	NOX_RUNEX (gms/mile)	NOx_RUNEX AVE (gms/mile)	PM10_RUNEX (gms/mile)	PM10_RUNEX AVE (gms/mile)	PM10_PMTW (gms/mile)	PM10_PMTW_AVE (gms/mile)	PM10_PMBW (gms/mile)	PM10_PMBW_AVE (gms/mile)
San Bernardino	2020	Annual	LDA	DSL	Aggregated	65	1869.620736	0.0013	0.764460782	0.00097685	0.097752632	0.00012491	0.001503326	0.00000192	0.007999959	0.00001022	0.036749816	0.000046960
San Bernardino	2020	Annual	LDA	GAS	Aggregated	65	676311.8832	0.4622	0.111485359	0.05153301	0.512970524	0.23711558	0.014105454	0.00652011	0.007999958	0.00369790	0.036749814	0.016987240
San Bernardino	2020	Annual	LDT1	DSL	Aggregated	65	134.88275	0.0001	1.811137148	0.00016697	0.277437956	0.00002558	0.002594155	0.00000024	0.007999959	0.00000074	0.036749816	0.000003388
San Bernardino	2020	Annual	LDT1	GAS	Aggregated	65	101185.5326	0.0692	0.157035343	0.01086017	0.60426731	0.04178960	0.022667247	0.00156761	0.007999958	0.00055326	0.036749814	0.002541524
San Bernardino	2020	Annual	LDT2	DSL	Aggregated	65	121.25939	0.0001	1.032292388	0.00008555	0.163702699	0.00001357	0.001577982	0.00000013	0.007999958	0.00000066	0.036749815	0.000003046
San Bernardino	2020	Annual	LDT2	GAS	Aggregated	65	247137.3591	0.1689	0.125130496	0.02113597	0.611322621	0.10325938	0.014892763	0.00251556	0.007999959	0.00135128	0.036749815	0.006207464
San Bernardino	2020	Annual	LHD1	DSL	Aggregated	65	25208.75828	0.0172	1.153558895	0.01987522	0.454090339	0.00782374	0.000485869	0.00000837	0.011999938	0.00020675	0.076439597	0.001317014
San Bernardino	2020	Annual	LHD1	GAS	Aggregated	65	47538.03319	0.0325	0.684734408	0.02224764	3.73471767	0.12134437	0.020103767	0.00065319	0.007999959	0.00025993	0.036749816	0.001194035
San Bernardino	2020	Annual	LHD2	DSL	Aggregated	65	7609.175113	0.0052	0.583157589	0.00303280	0.341892693	0.00177807	0.00032074	0.00000167	0.011999938	0.00006241	0.089179536	0.000463792
San Bernardino	2020	Annual	LHD2	GAS	Aggregated	65	4498.996026	0.0031	0.668196265	0.00205466	3.637013722	0.01118359	0.019688201	0.00006054	0.007999958	0.00002460	0.036749815	0.000113003
San Bernardino	2020	Annual	MCY	GAS	Aggregated	65	41584.70141	0.0284	45.29614725	1.28740593	1.432809754	0.04072328	0.000509717	0.00001449	0.00799990	0.00022737	0.036749449	0.001044492
San Bernardino	2020	Annual	MDV	DSL	Aggregated	65	218.195775	0.0001	1.637886818	0.00024426	0.287565122	0.00004288	0.001750635	0.00000026	0.007999958	0.00000119	0.036749814	0.000005481
San Bernardino	2020	Annual	MDV	GAS	Aggregated	65	252358.7351	0.1725	0.112780501	0.01945239	0.476653363	0.08221322	0.016091928	0.00277554	0.007999959	0.00137983	0.036749815	0.006338612
San Bernardino	2020	Annual	MH	DSL	Aggregated	65	2431.280612	0.0017	1.931297234	0.00320926	0.629599312	0.00104621	0.000560265	0.00000093	0.011999938	0.00001994	0.130339314	0.000216586
San Bernardino	2020	Annual	MH	GAS	Aggregated	65	13561.73574	0.0093	0.558658766	0.00517824	5.46604918	0.05066517	0.194533363	0.00180314	0.007999959	0.00007415	0.036749815	0.000340636
San Bernardino	2020	Annual	T6	DSL	Aggregated	65	13162.03774	0.0090	2.157120294	0.01940520	0.840811646	0.00756384	0.000284721	0.00000256	0.011999937	0.00010795	0.130339319	0.001172517
San Bernardino	2020	Annual	T6	GAS	Aggregated	65	2552.247931	0.0017	0.459980697	0.00080239	1.744981304	0.00304393	0.081568658	0.00014229	0.007999958	0.00001396	0.036749815	0.000064106
San Bernardino	2020	Annual	T7	DSL	Aggregated	65	22269.12415	0.0152	40.27681409	0.61302601	6.93568869	0.10556340	0.000208944	0.00000318	0.035647358	0.00054256	0.061135219	0.000930498
San Bernardino	2020	Annual	T7	GAS	Aggregated	65	294.2198155	0.0002	1.197931196	0.00024089	2.928589087	0.00058891	0.118199792	0.00002377	0.007999959	0.00000161	0.036749815	0.000007390
San Bernardino	2020	Annual	OBUS	DSL	Aggregated	65	440.6269497	0.0003	3.165180509	0.00095321	1.402331065	0.00042232	0.000255655	0.00000008	0.011999937	0.00000361	0.130339319	0.000039252
San Bernardino	2020	Annual	OBUS	GAS	Aggregated	65	733.2853002	0.0005	0.771613891	0.00038672	2.92924836	0.00146808	0.095234979	0.00004773	0.007999958	0.00000401	0.036749814	0.000018418
San Bernardino	2020	Annual	SBUS	DSL	Aggregated	65	1058.466563	0.0007	0.387821666	0.00028056	9.216658156	0.00666763	0.093800279	0.00006786	0.011999937	0.00000868	0.744796108	0.000538809
San Bernardino	2020	Annual	SBUS	GAS	Aggregated	65	203.1956088	0.0001	14.98778965	0.00208148	2.732707072	0.00037951	0.002615772	0.00000036	0.007999959	0.00000111	0.036749815	0.000005104
San Bernardino	2020	Annual	UBUS	DSL	Aggregated	65	350.6148485	0.0002	1.598535747	0.00038307	19.95699044	0.00478240	0.138271145	0.00003313	0.007999959	0.00000192	0.841815676	0.000201729
San Bernardino	2020	Annual	UBUS	GAS	Aggregated	65	284.0042077	0.0002	12.11229066	0.00235110	4.637540536	0.00090019	0.001149511	0.00000022	0.007999959	0.00000155	0.036749814	0.000007133
							1463118.0	1.0		2.087		0.831		0.016		0.009		0.040

EMFAC2011 Emission Rates
Region Type: County
Region: San Bernardino
Calendar Year: 2020
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Pollutant Classification: TOG GAS

Region	CalYr	Season	Veh_Class	Fuel	MdlYr	Speed (miles/hr)	Population (vehicles)	Wt Frac	TOG_RUNEX (gms/mile)	TOG_RUNEX AVE (gms/mile)
San Bernardino	2020	Annual	LDA	GAS	Aggregated	65	676311.8832	0.4872	0.027974072	0.0136
San Bernardino	2020	Annual	LDT1	GAS	Aggregated	65	101185.5326	0.0729	0.068968526	0.0050
San Bernardino	2020	Annual	LDT2	GAS	Aggregated	65	247137.3591	0.1780	0.037801757	0.0067
San Bernardino	2020	Annual	LHD1	GAS	Aggregated	65	47538.03319	0.0342	0.044548697	0.0015
San Bernardino	2020	Annual	LHD2	GAS	Aggregated	65	4498.996026	0.0032	0.021455767	0.0001
San Bernardino	2020	Annual	MCY	GAS	Aggregated	65	41584.70141	0.0300	4.457312071	0.1335
San Bernardino	2020	Annual	MDV	GAS	Aggregated	65	252358.7351	0.1818	0.06744117	0.0123
San Bernardino	2020	Annual	MH	GAS	Aggregated	65	13561.73574	0.0098	0.04728973	0.0005
San Bernardino	2020	Annual	T6	GAS	Aggregated	65	2552.247931	0.0018	0.076336641	0.0001
San Bernardino	2020	Annual	T7	GAS	Aggregated	65	294.2198155	0.0002	0.537683627	0.0001
San Bernardino	2020	Annual	OBUS	GAS	Aggregated	65	733.2853002	0.0005	0.102337721	0.0001
San Bernardino	2020	Annual	SBUS	GAS	Aggregated	65	203.1956088	0.0001	0.551016239	0.0001
San Bernardino	2020	Annual	UBUS	GAS	Aggregated	65	284.0042077	0.0002	0.684932336	0.0001
							1388243.9	1.0		0.174

PM2_5_RUNEX (gms/mile)	PM2_5_RUNEX_AVE (gms/mile)	PM2_5_PMTW (gms/mile)	PM2_5_PMTW_AVE (gms/mile)	PM2_5_PMBW (gms/mile)	PM2_5_PMBW_AVE (gms/mile)
0.001393915	0.000001781	0.00199999	0.000002556	0.01574992	0.000020126
0.012977018	0.005998499	0.00199999	0.000924476	0.01574992	0.007280245
0.002405176	0.000000222	0.00199999	0.000000184	0.01574992	0.000001452
0.020853868	0.001442201	0.00199999	0.000138314	0.015749919	0.001089225
0.001463103	0.000000121	0.00199999	0.000000166	0.015749919	0.000001305
0.013701343	0.002314313	0.00199999	0.000337821	0.01574992	0.002660342
0.000450236	0.000007757	0.002999984	0.000051688	0.032759827	0.000564435
0.018495464	0.000600934	0.00199999	0.000064981	0.01574992	0.000511729
0.000297166	0.000001545	0.002999985	0.000015602	0.038219796	0.000198768
0.018113146	0.000055697	0.00199999	0.000006150	0.01574992	0.000048430
0.000427943	0.000012163	0.001999975	0.000056843	0.015749763	0.000447639
0.001617638	0.000000241	0.00199999	0.000000298	0.015749919	0.000002349
0.014804574	0.002553494	0.00199999	0.000344958	0.01574992	0.002716548
0.000518283	0.000000861	0.002999985	0.000004985	0.055859693	0.000092823
0.178970687	0.001658891	0.00199999	0.000018538	0.01574992	0.000145987
0.000263177	0.000002368	0.002999984	0.000026988	0.055859708	0.000502507
0.075043165	0.000130905	0.00199999	0.000003489	0.01574992	0.000027474
0.000189865	0.000002890	0.00891184	0.000135641	0.026200808	0.000398785
0.108743809	0.000021867	0.00199999	0.000000402	0.01574992	0.000003167
0.000237205	0.000000071	0.002999984	0.000000903	0.055859708	0.000016822
0.08761618	0.000043911	0.00199999	0.000001002	0.01574992	0.000007894
0.086296256	0.000062429	0.002999984	0.000002170	0.319198332	0.000230918
0.002310707	0.000000321	0.00199999	0.000000278	0.01574992	0.000002187
0.127209456	0.000030484	0.00199999	0.000000479	0.360778114	0.000086455
0.001016797	0.000000197	0.00199999	0.000000388	0.01574992	0.000003057
	0.015		0.002		0.017

EMFAC2011 Emission Rates
Region Type: County
Region: San Bernardino
Calendar Year: 2020
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Pollutant Classification: TOG DSL

Region	CalYr	Season	Veh_Class	Fuel	MdlYr	Speed (miles/hr)	Population (vehicles)	Wt Frac	TOG_RUNEX (gms/mile)	TOG_RUNEX AVE (gms/mile)
San Bernardino	2020	Annual	LDA	DSL	Aggregated	65	1869.620736	0.0250	0.024486683	0.0006
San Bernardino	2020	Annual	LDT1	DSL	Aggregated	65	134.88275	0.0018	0.036594277	0.0001
San Bernardino	2020	Annual	LDT2	DSL	Aggregated	65	121.25939	0.0016	0.027791025	0.0000
San Bernardino	2020	Annual	LHD1	DSL	Aggregated	65	25208.75828	0.3367	0.102642865	0.0346
San Bernardino	2020	Annual	LHD2	DSL	Aggregated	65	7609.175113	0.1016	0.098020018	0.0100
San Bernardino	2020	Annual	MDV	DSL	Aggregated	65	218.195775	0.0029	0.025950939	0.0001
San Bernardino	2020	Annual	MH	DSL	Aggregated	65	2431.280612	0.0325	0.134756161	0.0044
San Bernardino	2020	Annual	T6	DSL	Aggregated	65	13162.03774	0.1758	0.068702917	0.0121
San Bernardino	2020	Annual	T7	DSL	Aggregated	65	22269.12415	0.2974	0.156820887	0.0466
San Bernardino	2020	Annual	OBUS	DSL	Aggregated	65	440.6269497	0.0059	0.106983824	0.0006
San Bernardino	2020	Annual	SBUS	DSL	Aggregated	65	1058.466563	0.0141	0.093800279	0.0013
San Bernardino	2020	Annual	UBUS	DSL	Aggregated	65	350.6148485	0.0047	0.138271145	0.0006
							74874.0	1.0		0.111

EMFAC2011 Emission Rates
Region Type: County
Region: San Bernardino
Calendar Year: 2020
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Pollutant Classification: DSL Particulate

Region	CalYr	Season	Veh_Class	Fuel	MdlYr	Speed (miles/hr)	Population (vehicles)	Wt Frac	PM10_RUNEX (gms/mile)	PM10_RUNEX AVE (gms/mile)
San Bernardino	2020	Annual	LDA	DSL	Aggregated	65	1869.620736	0.0250	0.014105454	0.0004
San Bernardino	2020	Annual	LDT1	DSL	Aggregated	65	134.88275	0.0018	0.022667247	0.0000
San Bernardino	2020	Annual	LDT2	DSL	Aggregated	65	121.25939	0.0016	0.014892763	0.0000
San Bernardino	2020	Annual	LHD1	DSL	Aggregated	65	25208.75828	0.3367	0.020103767	0.0068
San Bernardino	2020	Annual	LHD2	DSL	Aggregated	65	7609.175113	0.1016	0.019688201	0.0020
San Bernardino	2020	Annual	MDV	DSL	Aggregated	65	218.195775	0.0029	0.016091928	0.0000
San Bernardino	2020	Annual	MH	DSL	Aggregated	65	2431.280612	0.0325	0.194533363	0.0063
San Bernardino	2020	Annual	T6	DSL	Aggregated	65	13162.03774	0.1758	0.081568658	0.0143
San Bernardino	2020	Annual	T7	DSL	Aggregated	65	22269.12415	0.2974	0.118199792	0.0352
San Bernardino	2020	Annual	OBUS	DSL	Aggregated	65	440.6269497	0.0059	0.095234979	0.0006
San Bernardino	2020	Annual	SBUS	DSL	Aggregated	65	1058.466563	0.0141	0.093800279	0.0013
San Bernardino	2020	Annual	UBUS	DSL	Aggregated	65	350.6148485	0.0047	0.138271145	0.0006
							74874.0	1.0		0.068

Emission Factor Rate Adjustment Worksheet

CO Emissions

Acceleration / On-Ramp (15 - 45 mph)

Emfac (gr/mi) = (emfac at average link speed x 16/60) x (0.027) x (exp (.098 x acceleration speed product)) x (60 min/hr) / (average link speed)

emfac at link speed	2.073
speed (mph)	45.0
acceleration time (sec)	18.0
acceleration rate (mph/sec)	2.50
Emfac (gr/mi)	4.931

Deceleration / Off-Ramp

*Emfac (gr/mi) = (emfac at idle speed * 1.5)*

emfac at idle speed (gr/mi)	4.186
Emfac (gr/mi)	6.279

NOX Emissions

Acceleration / On-Ramp (15 - 45 mph)

Emfac (gr/mi) = (emfac at average link speed x 16/60) x (0.027) x (exp (.098 x acceleration speed product)) x (60 min/hr) / (average link speed)

emfac at link speed	0.396
speed (mph)	45.0
acceleration time (sec)	18.0
acceleration rate (mph/sec)	2.50
Emfac (gr/mi)	0.942

Deceleration / Off-Ramp

*Emfac (gr/mi) = (emfac at idle speed * 1.5)*

emfac at idle speed (gr/mi)	0.812
Emfac (gr/mi)	1.218

Emission Factor Rate Adjustment Worksheet

PM10 Emissions

Acceleration / On-Ramp (15 - 45 mph)

Emfac (gr/mi) = (emfac at average link speed x 16/60) x (0.027) x (exp (.098 x acceleration speed product)) x (60 min/hr) / (average link speed)

emfac at link speed	0.004
speed (mph)	45.0
acceleration time (sec)	18.0
acceleration rate (mph/sec)	2.50
Emfac (gr/mi)	0.010

Deceleration / Off-Ramp

*Emfac (gr/mi) = (emfac at idle speed * 1.5)*

emfac at idle speed (gr/mi)	0.018
Emfac (gr/mi)	0.027

PM2.5 Emissions

Acceleration / On-Ramp (15 - 45 mph)

Emfac (gr/mi) = (emfac at average link speed x 16/60) x (0.027) x (exp (.098 x acceleration speed product)) x (60 min/hr) / (average link speed)

emfac at link speed	0.0037
speed (mph)	45.0
acceleration time (sec)	18.0
acceleration rate (mph/sec)	2.50
Emfac (gr/mi)	0.009

Deceleration / Off-Ramp

*Emfac (gr/mi) = (emfac at idle speed * 1.5)*

emfac at idle speed (gr/mi)	0.016
Emfac (gr/mi)	0.024

Emission Factor Rate Adjustment Worksheet

TOG GAS Emissions

Acceleration / On-Ramp (15 - 45 mph)

Emfac (gr/mi) = (emfac at average link speed x 16/60) x (0.027) x (exp (.098 x acceleration speed product)) x (60 min/hr) / (average link speed)

emfac at link speed	0.119
speed (mph)	45.0
acceleration time (sec)	18.0
acceleration rate (mph/sec)	2.50
Emfac (gr/mi)	0.283

Deceleration / Off-Ramp

*Emfac (gr/mi) = (emfac at idle speed * 1.5)*

emfac at idle speed (gr/mi)	0.505
Emfac (gr/mi)	0.758

TOG DSL Emissions

Acceleration / On-Ramp (15 - 45 mph)

Emfac (gr/mi) = (emfac at average link speed x 16/60) x (0.027) x (exp (.098 x acceleration speed product)) x (60 min/hr) / (average link speed)

emfac at link speed	0.154
speed (mph)	45.0
acceleration time (sec)	18.0
acceleration rate (mph/sec)	2.50
Emfac (gr/mi)	0.366

Deceleration / Off-Ramp

*Emfac (gr/mi) = (emfac at idle speed * 1.5)*

emfac at idle speed (gr/mi)	1.646
Emfac (gr/mi)	2.469

Emission Factor Rate Adjustment Worksheet

DSL Particulate Emissions

Acceleration / On-Ramp (15 - 45 mph)

Emfac (gr/mi) = (emfac at average link speed x 16/60) x (0.027) x (exp (.098 x acceleration speed product)) x (60 min/hr) / (average link speed)

emfac at link speed	0.053
speed (mph)	45.0
acceleration time (sec)	18.0
acceleration rate (mph/sec)	2.50
Emfac (gr/mi)	0.126

Deceleration / Off-Ramp

*Emfac (gr/mi) = (emfac at idle speed * 1.5)*

emfac at idle speed (gr/mi)	0.135
Emfac (gr/mi)	0.203

Source: California Department of Transportation, 1989. Division of New Technology and Research. Caline4 – A Dispersion Model for Predicting Air Pollution Concentrations Near Roadways (Revised). FHWA/CA/TL-84/15.

Emission Factor Profile Worksheet
Chronic Exposure

TOG -Toxic Emissions

Gasoline/Toxic Fractions/Hot Stabilized Exhaust

Year	Benzene	Formaldehyde	1,3-Butadiene	Acetaldehyde	Acrolein
2004	0.028414	0.021422	0.006603	0.005511	0.001533
2005	0.028205	0.021200	0.006551	0.005450	0.001520
2006	0.027938	0.021000	0.006483	0.005350	0.001510
2007	0.027660	0.020700	0.006410	0.005250	0.001490
2008	0.027338	0.020300	0.006326	0.005120	0.001470
2009	0.026849	0.019800	0.006190	0.004870	0.001450
2010	0.026521	0.019400	0.006105	0.004750	0.001430
2011	0.026521	0.019400	0.006105	0.004750	0.001430
2012	0.025656	0.018500	0.005873	0.004370	0.001380
2013	0.025656	0.018500	0.005873	0.004370	0.001380
2014	0.025656	0.018500	0.005873	0.004370	0.001380
2015	0.024349	0.017100	0.005530	0.003850	0.001310
2016	0.024349	0.017100	0.005530	0.003850	0.001310
2017	0.024349	0.017100	0.005530	0.003850	0.001310
2018	0.022182	0.014700	0.004944	0.002860	0.001190
2019	0.022182	0.014700	0.004944	0.002860	0.001130
2020	0.021079	0.013600	0.004659	0.002450	0.001130
2021	0.021079	0.013600	0.004659	0.002450	0.001130
2022	0.021079	0.013600	0.004659	0.002450	0.001130
2023	0.021079	0.013600	0.004659	0.002450	0.001130
2024	0.021079	0.013600	0.004659	0.002450	0.001130
2025	0.021079	0.013600	0.004659	0.002450	0.001130
2026	0.021079	0.013600	0.004659	0.002450	0.001130
2027	0.021079	0.013600	0.004659	0.002450	0.001130
2028	0.021079	0.013600	0.004659	0.002450	0.001130
2029	0.021079	0.013600	0.004659	0.002450	0.001130
2030	0.021079	0.013600	0.004659	0.002450	0.001130

Analysis Year

2017	0.024349	0.017100	0.005530	0.003850	0.001310

TOG Emisson Rate - gr/mi

Speed (MPH)	Acceleration	0.283
	Deceleration	0.758
	65	0.198

Toxic Emission Rate - gr/mi	Acceleration	0.014755
Speed (MPH)	Deceleration	0.039522
	65	0.010324

Weight Fraction / Speciation

Benzene	0.467
Formaldehyde	0.328
1,3-Butadiene	0.106
Acetaldehyde	0.074
Acrolein	0.025

Emission Factor Profile Worksheet
Chronic Exposure

Diesel Particulate Emissions - PM10

PM10 Emission Rate - gr/mi	Acceleration	0.126
Speed (MPH)	Deceleration	0.203
	65	0.080

Source: TOG/toxic fractions from UC Davis-Caltrans Air Quality Project, *Estimating Mobile Source Air Toxic Emissions: A Step-by-Step Project Analysis Methodology.* Task Order No. 61.

Emission Factor Profile Worksheet
Acute Exposure

TOG -Toxic Emissions

Gasoline/Toxic Fractions/Hot Stabilized Exhaust

Year	Benzene	Formaldehyde	1,3-Butadiene	Acetaldehyde	Acrolein
2004	0.028414	0.021422	0.006603	0.005511	0.001533
2005	0.028205	0.021200	0.006551	0.005450	0.001520
2006	0.027938	0.021000	0.006483	0.005350	0.001510
2007	0.027660	0.020700	0.006410	0.005250	0.001490
2008	0.027338	0.020300	0.006326	0.005120	0.001470
2009	0.026849	0.019800	0.006190	0.004870	0.001450
2010	0.026521	0.019400	0.006105	0.004750	0.001430
2011	0.026521	0.019400	0.006105	0.004750	0.001430
2012	0.025656	0.018500	0.005873	0.004370	0.001380
2013	0.025656	0.018500	0.005873	0.004370	0.001380
2014	0.025656	0.018500	0.005873	0.004370	0.001380
2015	0.024349	0.017100	0.005530	0.003850	0.001310
2016	0.024349	0.017100	0.005530	0.003850	0.001310
2017	0.024349	0.017100	0.005530	0.003850	0.001310
2018	0.022182	0.014700	0.004944	0.002860	0.001190
2019	0.022182	0.014700	0.004944	0.002860	0.001130
2020	0.021079	0.013600	0.004659	0.002450	0.001130
2021	0.021079	0.013600	0.004659	0.002450	0.001130
2022	0.021079	0.013600	0.004659	0.002450	0.001130
2023	0.021079	0.013600	0.004659	0.002450	0.001130
2024	0.021079	0.013600	0.004659	0.002450	0.001130
2025	0.021079	0.013600	0.004659	0.002450	0.001130
2026	0.021079	0.013600	0.004659	0.002450	0.001130
2027	0.021079	0.013600	0.004659	0.002450	0.001130
2028	0.021079	0.013600	0.004659	0.002450	0.001130
2029	0.021079	0.013600	0.004659	0.002450	0.001130
2030	0.021079	0.013600	0.004659	0.002450	0.001130

Analysis Year

2017	0.024349	0.017100	0.005530	0.003850	0.001310

TOG Emisson Rate - gr/mi

Speed (MPH)	Acceleration	0.283
	Deceleration	0.758
	65	0.198

Toxic Emission Rate - gr/mi	Acceleration	0.014755
Speed (MPH)	Deceleration	0.039522
	65	0.010324

Weight Fraction / Speciation

Benzene	0.467
Formaldehyde	0.328
1,3-Butadiene	0.106
Acetaldehyde	0.074
Acrolein	0.025

Emission Factor Profile Worksheet
Acute Exposure

TOG -Toxic Emissions

Diesel/Toxic Fractions/Hot Stabilized Exhaust

Year	Benzene	Formaldehyde	1,3-Butadiene	Acetaldehyde	Acrolein
2004	0.020009	0.147133	0.001900	0.073526	0
2005	0.020009	0.147133	0.001900	0.073526	0
2006	0.020009	0.147133	0.001900	0.073526	0
2007	0.020009	0.147133	0.001900	0.073526	0
2008	0.020009	0.147133	0.001900	0.073526	0
2009	0.020009	0.147133	0.001900	0.073526	0
2010	0.020009	0.147133	0.001900	0.073526	0
2011	0.020009	0.147133	0.001900	0.073526	0
2012	0.020009	0.147133	0.001900	0.073526	0
2013	0.020009	0.147133	0.001900	0.073526	0
2014	0.020009	0.147133	0.001900	0.073526	0
2015	0.020009	0.147133	0.001900	0.073526	0
2016	0.020009	0.147133	0.001900	0.073526	0
2017	0.020009	0.147133	0.001900	0.073526	0
2018	0.020009	0.147133	0.001900	0.073526	0
2019	0.020009	0.147133	0.001900	0.073526	0
2020	0.020009	0.147133	0.001900	0.073526	0
2021	0.020009	0.147133	0.001900	0.073526	0
2022	0.020009	0.147133	0.001900	0.073526	0
2023	0.020009	0.147133	0.001900	0.073526	0
2024	0.020009	0.147133	0.001900	0.073526	0
2025	0.020009	0.147133	0.001900	0.073526	0
2026	0.020009	0.147133	0.001900	0.073526	0
2027	0.020009	0.147133	0.001900	0.073526	0
2028	0.020009	0.147133	0.001900	0.073526	0
2029	0.020009	0.147133	0.001900	0.073526	0
2030	0.020009	0.147133	0.001900	0.073526	0

Analysis Year

2017	0.020009	0.147133	0.001900	0.073526	0

TOG Emisson Rate - gr/mi

Speed (MPH)	Acceleration	0.366
	Deceleration	2.469
	65	0.131

Toxic Emission Rate - gr/mi	Acceleration	0.088780
Speed (MPH)	Deceleration	0.598900
	65	0.031776

Weight Fraction / Speciation

Benzene	0.082
Formaldehyde	0.607
1,3-Butadiene	0.008
Acetaldehyde	0.303
Acrolein	0.000

I-10 EB (Sources __ to __)

CO Emissions

Number of Sources	143
Link Length (meters)	2682.4
Volume/Baseline (VPH)	4187.5
Pollutant Mass Emission Rate (gr/mi)	2.869

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	5.56249
Pollutant Emission Rate (gr/sec/source)	3.89E-02

I-10 WB (Sources __ to __)

CO Emissions

Number of Sources	141
Link Length (meters)	2658.4
Volume/Baseline (VPH)	4187.5
Pollutant Mass Emission Rate (gr/mi)	2.869

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	5.51272
Pollutant Emission Rate (gr/sec/source)	3.91E-02

EB ON / Vineyard Avenue (Sources __ to __)

CO Emissions

Number of Sources	79
Link Length (meters)	708.4
Volume/Baseline (VPH)	525.0
Pollutant Mass Emission Rate (gr/mi)	4.931

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.31654
Pollutant Emission Rate (gr/sec/source)	4.01E-03

EB OFF / Vineyard Avenue (Sources __ to __)

CO Emissions

Number of Sources	35
Link Length (meters)	313.7
Volume/Baseline (VPH)	437.5
Pollutant Mass Emission Rate (gr/mi)	6.279

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.14875
Pollutant Emission Rate (gr/sec/source)	4.25E-03

WB ON from NB / Vineyard Avenue (Sources __ to __)

CO Emissions

Number of Sources	52
Link Length (meters)	466.3
Volume/Baseline (VPH)	437.5
Pollutant Mass Emission Rate (gr/mi)	4.931

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.17364
Pollutant Emission Rate (gr/sec/source)	3.34E-03

WB ON from SB / Vineyard Avenue (Sources __ to __)

CO Emissions

Number of Sources	28
Link Length (meters)	256.2
Volume/Baseline (VPH)	437.5
Pollutant Mass Emission Rate (gr/mi)	4.931

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.09540
Pollutant Emission Rate (gr/sec/source)	3.41E-03

WB OFF / Vineyard Avenue (Sources __ to __)

CO Emissions

Number of Sources	62
Link Length (meters)	558.7
Volume/Baseline (VPH)	516.7
Pollutant Mass Emission Rate (gr/mi)	6.279

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.31287
Pollutant Emission Rate (gr/sec/source)	5.05E-03

On-Road Mobile Sources
Emission Rate Computation

I-10 EB (Sources __ to __)

NOx Emissions

Number of Sources	143
Link Length (meters)	2682.4
Volume/Baseline (VPH)	4187.5
Pollutant Mass Emission Rate (gr/mi)	0.488

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.94615
Pollutant Emission Rate (gr/sec/source)	6.62E-03

I-10 WB (Sources __ to __)

NOx Emissions

Number of Sources	141
Link Length (meters)	2658.4
Volume/Baseline (VPH)	4187.5
Pollutant Mass Emission Rate (gr/mi)	0.488

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.93768
Pollutant Emission Rate (gr/sec/source)	6.65E-03

EB ON / Vineyard Avenue (Sources __ to __)

NOx Emissions

Number of Sources	79
Link Length (meters)	708.4
Volume/Baseline (VPH)	525.0
Pollutant Mass Emission Rate (gr/mi)	0.942

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.06047
Pollutant Emission Rate (gr/sec/source)	7.65E-04

EB OFF / Vineyard Avenue (Sources __ to __)

NOx Emissions

Number of Sources	35
Link Length (meters)	313.7
Volume/Baseline (VPH)	437.5
Pollutant Mass Emission Rate (gr/mi)	1.218

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.02885
Pollutant Emission Rate (gr/sec/source)	8.24E-04

WB ON from NB / Vineyard Avenue (Sources __ to __)

NOx Emissions

Number of Sources	52
Link Length (meters)	466.3
Volume/Baseline (VPH)	437.5
Pollutant Mass Emission Rate (gr/mi)	0.942

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.03317
Pollutant Emission Rate (gr/sec/source)	6.38E-04

WB ON from SB / Vineyard Avenue (Sources __ to __)

NOx Emissions

Number of Sources	28
Link Length (meters)	256.2
Volume/Baseline (VPH)	437.5
Pollutant Mass Emission Rate (gr/mi)	0.942

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.01823
Pollutant Emission Rate (gr/sec/source)	6.51E-04

WB OFF / Vineyard Avenue (Sources __ to __)

NOx Emissions

Number of Sources	62
Link Length (meters)	558.7
Volume/Baseline (VPH)	516.7
Pollutant Mass Emission Rate (gr/mi)	1.218

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.06069
Pollutant Emission Rate (gr/sec/source)	9.79E-04

On-Road Mobile Sources
Emission Rate Computation

I-10 EB (Sources __ to __)

PM2.5 Emissions

Number of Sources	143
Link Length (meters)	2682.4
Volume/Baseline (VPH)	4187.5
Particle Size Multiplier (g/mi)	0.25
Road Surface Silt Loading (g/m2)	0.02
Average Vehicle Weight (tons)	2.7
Emfac2011 Emissions Run (g/mi)	0.005
Emfac2011 Emissions TW/BW (g/mi)	0.019
PM2.5 Reentrainment Mass Emission Rate (gr/mi)	0.044

Route 60 WB (Sources __ to __)

(Road Surface Silt Loading) $^{0.91}$ *x (Gross Vehicle Weight)* $^{1.02}$ *) + (Emfac2011 Emissions)*

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

PM2.5 Reentrainment Emission Rate (gr/sec)	0.084887
PM2.5 Reentrainment Emission Rate (gr/sec/source)	5.94E-04

I-10 WB (Sources __ to __)

PM2.5 Emissions

Number of Sources	141
Link Length (meters)	2658.4
Volume/Baseline (VPH)	4187.5
Particle Size Multiplier (g/mi)	0.25
Road Surface Silt Loading (g/m2)	0.02
Average Vehicle Weight (tons)	2.7
Emfac2011 Emissions Run (g/mi)	0.005
Emfac2011 Emissions TW/BW (g/mi)	0.019
PM2.5 Reentrainment Mass Emission Rate (gr/mi)	0.044

For PM2.5 Reentrainment: Mass Emission Rate (gr/mile) = ((Particulate PM10 Base Emission Factor) x

(Road Surface Silt Loading) $^{0.91}$ *x (Gross Vehicle Weight)* $^{1.02}$ *) + (Emfac2011 Emissions)*

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

PM2.5 Reentrainment Emission Rate (gr/sec)	0.084127
PM2.5 Reentrainment Emission Rate (gr/sec/source)	5.97E-04

EB ON / Vineyard Avenue (Sources __ to __)

PM2.5 Emissions

Number of Sources	79
Link Length (meters)	708.4
Volume/Baseline (VPH)	525.0
Particle Size Multiplier (g/mi)	0.25

Road Surface Silt Loading (g/m2)	0.02
Average Vehicle Weight (tons)	2.7
Emfac2011 Emissions Run (g/mi)	0.009
Emfac2011 Emissions TW/BW (g/mi)	0.019
PM2.5 Reentrainment Mass Emission Rate (gr/mi)	0.048

For PM2.5 Reentrainment: Mass Emission Rate (gr/mile) = ((Particulate PM10 Base Emission Factor) x (Road Surface Silt Loading)$^{0.91}$ x (Gross Vehicle Weight)$^{1.02}$) + (Emfac2011 Emissions)
Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

PM2.5 Reentrainment Emission Rate (gr/sec)	0.003055
PM2.5 Reentrainment Emission Rate (gr/sec/source)	3.87E-05

EB OFF / Vineyard Avenue (Sources __ to __)

PM2.5 Emissions

Number of Sources	35
Link Length (meters)	313.7
Volume/Baseline (VPH)	437.5
Particle Size Multiplier (g/mi)	0.25
Road Surface Silt Loading (g/m2)	0.02
Average Vehicle Weight (tons)	2.7
Emfac2011 Emissions Run (g/mi)	0.024
Emfac2011 Emissions TW/BW (g/mi)	0.019
PM2.5 Reentrainment Mass Emission Rate (gr/mi)	0.063

For PM2.5 Reentrainment: Mass Emission Rate (gr/mile) = ((Particulate PM10 Base Emission Factor) x (Road Surface Silt Loading)$^{0.91}$ x (Gross Vehicle Weight)$^{1.02}$) + (Emfac2011 Emissions)
Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

PM2.5 Reentrainment Emission Rate (gr/sec)	0.001483
PM2.5 Reentrainment Emission Rate (gr/sec/source)	4.24E-05

WB ON from NB / Vineyard Avenue (Sources __ to __)

PM2.5 Emissions

Number of Sources	52
Link Length (meters)	466.3
Volume/Baseline (VPH)	437.5
Particle Size Multiplier (g/mi)	0.25
Road Surface Silt Loading (g/m2)	0.02
Average Vehicle Weight (tons)	2.7
Emfac2011 Emissions Run (g/mi)	0.009
Emfac2011 Emissions TW/BW (g/mi)	0.019
PM2.5 Reentrainment Mass Emission Rate (gr/mi)	0.048

For PM2.5 Reentrainment: Mass Emission Rate (gr/mile) = ((Particulate PM10 Base Emission Factor) x (Road Surface Silt Loading)$^{0.91}$ x (Gross Vehicle Weight)$^{1.02}$) + (Emfac2011 Emissions)

On-Road Mobile Sources
Emission Rate Computation

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

PM2.5 Reentrainment Emission Rate (gr/sec)	0.001676
PM2.5 Reentrainment Emission Rate (gr/sec/source)	3.22E-05

WB ON from SB / Vineyard Avenue (Sources __ to __)

PM2.5 Emissions

Number of Sources	28
Link Length (meters)	256.2
Volume/Baseline (VPH)	437.5
Particle Size Multiplier (g/mi)	0.25
Road Surface Silt Loading (g/m2)	0.02
Average Vehicle Weight (tons)	2.7
Emfac2011 Emissions Run (g/mi)	0.009
Emfac2011 Emissions TW/BW (g/mi)	0.019
PM2.5 Reentrainment Mass Emission Rate (gr/mi)	0.048

For PM2.5 Reentrainment: Mass Emission Rate (gr/mile) = ((Particulate PM10 Base Emission Factor) x (Road Surface Silt Loading)$^{0.91}$ x (Gross Vehicle Weight)$^{1.02}$) + (Emfac2011 Emissions)

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

PM2.5 Reentrainment Emission Rate (gr/sec)	0.000921
PM2.5 Reentrainment Emission Rate (gr/sec/source)	3.29E-05

WB OFF / Vineyard Avenue (Sources __ to __)

PM2.5 Emissions

Number of Sources	62
Link Length (meters)	558.7
Volume/Baseline (VPH)	516.7
Particle Size Multiplier (g/mi)	0.25
Road Surface Silt Loading (g/m2)	0.02
Average Vehicle Weight (tons)	2.7
Emfac2011 Emissions Run (g/mi)	0.024
Emfac2011 Emissions TW/BW (g/mi)	0.019
PM2.5 Reentrainment Mass Emission Rate (gr/mi)	0.063

For PM2.5 Reentrainment: Mass Emission Rate (gr/mile) = ((Particulate PM10 Base Emission Factor) x (Road Surface Silt Loading)$^{0.91}$ x (Gross Vehicle Weight)$^{1.02}$) + (Emfac2011 Emissions)
Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

PM2.5 Reentrainment Emission Rate (gr/sec)	0.003118
PM2.5 Reentrainment Emission Rate (gr/sec/source)	5.03E-05

I-10 EB (Sources __ to __)

PM10 Emissions

Number of Sources	143
Link Length (meters)	2682.4
Volume/Baseline (VPH)	4187.5
Particle Size Multiplier (g/mi)	1.0
Road Surface Silt Loading (g/m2)	0.02
Average Vehicle Weight (tons)	2.7
Emfac2011 Emissions Run (g/mi)	0.006
Emfac2011 Emissions TW/BW (g/mi)	0.048
PM10 Reentrainment Mass Emission Rate (gr/mi)	0.132

Route 60 WB (Sources __ to __)

(Road Surface Silt Loading) $^{0.91}$ *x (Gross Vehicle Weight)* $^{1.02}$ *) + (Emfac2011 Emissions)*

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

PM10 Reentrainment Emission Rate (gr/sec)	0.255789
PM10 Reentrainment Emission Rate (gr/sec/source)	1.79E-03

I-10 WB (Sources __ to __)

PM10 Emissions

Number of Sources	141
Link Length (meters)	2658.4
Volume/Baseline (VPH)	4187.5
Particle Size Multiplier (g/mi)	1.0
Road Surface Silt Loading (g/m2)	0.02
Average Vehicle Weight (tons)	2.7
Emfac2011 Emissions Run (g/mi)	0.006
Emfac2011 Emissions TW/BW (g/mi)	0.048
PM10 Reentrainment Mass Emission Rate (gr/mi)	0.132

For PM10 Reentrainment: Mass Emission Rate (gr/mile) = ((Particulate PM10 Base Emission Factor) x

(Road Surface Silt Loading) $^{0.91}$ *x (Gross Vehicle Weight)* $^{1.02}$ *) + (Emfac2011 Emissions)*

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

PM10 Reentrainment Emission Rate (gr/sec)	0.253501
PM10 Reentrainment Emission Rate (gr/sec/source)	1.80E-03

EB ON / Vineyard Avenue (Sources __ to __)

PM10 Emissions

Number of Sources	79
Link Length (meters)	708.4
Volume/Baseline (VPH)	525.0
Particle Size Multiplier (g/mi)	1.0

Road Surface Silt Loading (g/m2)	0.02
Average Vehicle Weight (tons)	2.7
Emfac2011 Emissions Run (g/mi)	0.010
Emfac2011 Emissions TW/BW (g/mi)	0.048
PM10 Reentrainment Mass Emission Rate (gr/mi)	0.136

For PM10 Reentrainment: Mass Emission Rate (gr/mile) = ((Particulate PM10 Base Emission Factor) x (Road Surface Silt Loading)$^{0.91}$ x (Gross Vehicle Weight)$^{1.02}$) + (Emfac2011 Emissions)
Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

PM10 Reentrainment Emission Rate (gr/sec)	0.008752
PM10 Reentrainment Emission Rate (gr/sec/source)	1.11E-04

EB OFF / Vineyard Avenue (Sources __ to __)

PM10 Emissions

Number of Sources	35
Link Length (meters)	313.7
Volume/Baseline (VPH)	437.5
Particle Size Multiplier (g/mi)	1.0
Road Surface Silt Loading (g/m2)	0.02
Average Vehicle Weight (tons)	2.7
Emfac2011 Emissions Run (g/mi)	0.027
Emfac2011 Emissions TW/BW (g/mi)	0.048
PM10 Reentrainment Mass Emission Rate (gr/mi)	0.153

For PM10 Reentrainment: Mass Emission Rate (gr/mile) = ((Particulate PM10 Base Emission Factor) x (Road Surface Silt Loading)$^{0.91}$ x (Gross Vehicle Weight)$^{1.02}$) + (Emfac2011 Emissions)
Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

PM10 Reentrainment Emission Rate (gr/sec)	0.003632
PM10 Reentrainment Emission Rate (gr/sec/source)	1.04E-04

WB ON from NB / Vineyard Avenue (Sources __ to __)

PM10 Emissions

Number of Sources	52
Link Length (meters)	466.3
Volume/Baseline (VPH)	437.5
Particle Size Multiplier (g/mi)	1.0
Road Surface Silt Loading (g/m2)	0.02
Average Vehicle Weight (tons)	2.7
Emfac2011 Emissions Run (g/mi)	0.010
Emfac2011 Emissions TW/BW (g/mi)	0.048
PM10 Reentrainment Mass Emission Rate (gr/mi)	0.136

For PM10 Reentrainment: Mass Emission Rate (gr/mile) = ((Particulate PM10 Base Emission Factor) x (Road Surface Silt Loading)$^{0.91}$ x (Gross Vehicle Weight)$^{1.02}$) + (Emfac2011 Emissions)

On-Road Mobile Sources
Emission Rate Computation

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

PM10 Reentrainment Emission Rate (gr/sec)	0.004801
PM10 Reentrainment Emission Rate (gr/sec/source)	9.23E-05

WB ON from SB / Vineyard Avenue (Sources __ to __)

PM10 Emissions

Number of Sources	28
Link Length (meters)	256.2
Volume/Baseline (VPH)	437.5
Particle Size Multiplier (g/mi)	1.0
Road Surface Silt Loading (g/m2)	0.02
Average Vehicle Weight (tons)	2.7
Emfac2011 Emissions Run (g/mi)	0.010
Emfac2011 Emissions TW/BW (g/mi)	0.048
PM10 Reentrainment Mass Emission Rate (gr/mi)	0.136

For PM10 Reentrainment: Mass Emission Rate (gr/mile) = ((Particulate PM10 Base Emission Factor) x (Road Surface Silt Loading)$^{0.91}$ x (Gross Vehicle Weight)$^{1.02}$) + (Emfac2011 Emissions)

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

PM10 Reentrainment Emission Rate (gr/sec)	0.002638
PM10 Reentrainment Emission Rate (gr/sec/source)	9.42E-05

WB OFF / Vineyard Avenue (Sources __ to __)

PM10 Emissions

Number of Sources	62
Link Length (meters)	558.7
Volume/Baseline (VPH)	516.7
Particle Size Multiplier (g/mi)	1.00
Road Surface Silt Loading (g/m2)	0.02
Average Vehicle Weight (tons)	2.7
Emfac2011 Emissions Run (g/mi)	0.027
Emfac2011 Emissions TW/BW (g/mi)	0.048
PM10 Reentrainment Mass Emission Rate (gr/mi)	0.153

For PM10 Reentrainment: Mass Emission Rate (gr/mile) = ((Particulate PM10 Base Emission Factor) x (Road Surface Silt Loading)$^{0.91}$ x (Gross Vehicle Weight)$^{1.02}$) + (Emfac2011 Emissions)
Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

PM10 Reentrainment Emission Rate (gr/sec)	0.007640
PM10 Reentrainment Emission Rate (gr/sec/source)	1.23E-04

On-Road Mobile Sources
Emission Rate Computation

I-10 EB (Sources __ to __)

TOG DSL Emissions

Number of Sources	143
Link Length (meters)	2682.4
Volume/Baseline (VPH)	214.3
Pollutant Mass Emission Rate (gr/mi)	0.031776

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.00315
Pollutant Emission Rate (gr/sec/source)	2.20E-05

I-10 WB (Sources __ to __)

TOG DSL Emissions

Number of Sources	141
Link Length (meters)	2658.4
Volume/Baseline (VPH)	214.3
Pollutant Mass Emission Rate (gr/mi)	0.031776

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.00312
Pollutant Emission Rate (gr/sec/source)	2.22E-05

EB ON / Vineyard Avenue (Sources __ to __)

TOG DSL Emissions

Number of Sources	79
Link Length (meters)	708.4
Volume/Baseline (VPH)	26.9
Pollutant Mass Emission Rate (gr/mi)	0.088780

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.00029
Pollutant Emission Rate (gr/sec/source)	3.70E-06

EB OFF / Vineyard Avenue (Sources __ to __)

TOG DSL Emissions

Number of Sources	35
Link Length (meters)	313.7
Volume/Baseline (VPH)	22.4
Pollutant Mass Emission Rate (gr/mi)	0.598900

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.00073
Pollutant Emission Rate (gr/sec/source)	2.08E-05

WB ON from NB / Vineyard Avenue (Sources __ to __)

TOG DSL Emissions

Number of Sources	52
Link Length (meters)	466.3
Volume/Baseline (VPH)	22.4
Pollutant Mass Emission Rate (gr/mi)	0.088780

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.00016
Pollutant Emission Rate (gr/sec/source)	3.08E-06

WB ON from SB / Vineyard Avenue (Sources __ to __)

TOG DSL Emissions

Number of Sources	28
Link Length (meters)	256.2
Volume/Baseline (VPH)	22.4
Pollutant Mass Emission Rate (gr/mi)	0.088780

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.00009
Pollutant Emission Rate (gr/sec/source)	3.14E-06

WB OFF / Vineyard Avenue (Sources __ to __)

TOG DSL Emissions

Number of Sources	62
Link Length (meters)	558.7
Volume/Baseline (VPH)	26.4
Pollutant Mass Emission Rate (gr/mi)	0.598900

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.00152
Pollutant Emission Rate (gr/sec/source)	2.46E-05

On-Road Mobile Sources
Emission Rate Computation

I-10 EB (Sources __ to __)

TOG GAS Emissions

Number of Sources	143
Link Length (meters)	2682.4
Volume/Baseline (VPH)	4783.7
Pollutant Mass Emission Rate (gr/mi)	0.010324

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.02287
Pollutant Emission Rate (gr/sec/source)	1.60E-04

I-10 WB (Sources __ to __)

TOG GAS Emissions

Number of Sources	141
Link Length (meters)	2658.4
Volume/Baseline (VPH)	4783.7
Pollutant Mass Emission Rate (gr/mi)	0.010324

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.02266
Pollutant Emission Rate (gr/sec/source)	1.61E-04

EB ON / Vineyard Avenue (Sources __ to __)

TOG GAS Emissions

Number of Sources	79
Link Length (meters)	708.4
Volume/Baseline (VPH)	498.1
Pollutant Mass Emission Rate (gr/mi)	0.014755

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.00090
Pollutant Emission Rate (gr/sec/source)	1.14E-05

EB OFF / Vineyard Avenue (Sources __ to __)

TOG GAS Emissions

Number of Sources	35
Link Length (meters)	313.7
Volume/Baseline (VPH)	415.1
Pollutant Mass Emission Rate (gr/mi)	0.039522

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.00089
Pollutant Emission Rate (gr/sec/source)	2.54E-05

WB ON from NB / Vineyard Avenue (Sources __ to __)

TOG GAS Emissions

Number of Sources	52
Link Length (meters)	466.3
Volume/Baseline (VPH)	415.1
Pollutant Mass Emission Rate (gr/mi)	0.014755

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.00049
Pollutant Emission Rate (gr/sec/source)	9.48E-06

WB ON from SB / Vineyard Avenue (Sources __ to __)

TOG GAS Emissions

Number of Sources	28
Link Length (meters)	256.2
Volume/Baseline (VPH)	415.1
Pollutant Mass Emission Rate (gr/mi)	0.014755

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.00027
Pollutant Emission Rate (gr/sec/source)	9.67E-06

WB OFF / Vineyard Avenue (Sources __ to __)

TOG GAS Emissions

Number of Sources	62
Link Length (meters)	558.7
Volume/Baseline (VPH)	490.2
Pollutant Mass Emission Rate (gr/mi)	0.039522

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.00187
Pollutant Emission Rate (gr/sec/source)	3.01E-05

On-Road Mobile Sources
Emission Rate Computation

I-10 EB (Sources __ to __)

DSL Particulate Emissions

Number of Sources	143
Link Length (meters)	2682.4
Volume/Baseline (VPH)	214.3
Pollutant Mass Emission Rate (gr/mi)	0.080

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.00794
Pollutant Emission Rate (gr/sec/source)	5.55E-05

I-10 WB (Sources __ to __)

DSL Particulate Emissions

Number of Sources	141
Link Length (meters)	2658.4
Volume/Baseline (VPH)	214.3
Pollutant Mass Emission Rate (gr/mi)	0.080

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.00787
Pollutant Emission Rate (gr/sec/source)	5.58E-05

EB ON / Vineyard Avenue (Sources __ to __)

DSL Particulate Emissions

Number of Sources	79
Link Length (meters)	708.4
Volume/Baseline (VPH)	26.9
Pollutant Mass Emission Rate (gr/mi)	0.126

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.00041
Pollutant Emission Rate (gr/sec/source)	5.25E-06

EB OFF / Vineyard Avenue (Sources __ to __)

DSL Particulate Emissions

Number of Sources	35
Link Length (meters)	313.7
Volume/Baseline (VPH)	22.4
Pollutant Mass Emission Rate (gr/mi)	0.203

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.00025
Pollutant Emission Rate (gr/sec/source)	7.03E-06

WB ON from NB / Vineyard Avenue (Sources __ to __)

DSL Particulate Emissions

Number of Sources	52
Link Length (meters)	466.3
Volume/Baseline (VPH)	22.4
Pollutant Mass Emission Rate (gr/mi)	0.126

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.00023
Pollutant Emission Rate (gr/sec/source)	4.37E-06

WB ON from SB / Vineyard Avenue (Sources __ to __)

DSL Particulate Emissions

Number of Sources	28
Link Length (meters)	256.2
Volume/Baseline (VPH)	22.4
Pollutant Mass Emission Rate (gr/mi)	0.126

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.00012
Pollutant Emission Rate (gr/sec/source)	4.46E-06

WB OFF / Vineyard Avenue (Sources __ to __)

DSL Particulate Emissions

Number of Sources	62
Link Length (meters)	558.7
Volume/Baseline (VPH)	26.4
Pollutant Mass Emission Rate (gr/mi)	0.203

Emission Rate (gr/sec) = ((Mass Emission Rate x Volume/Baseline)/(1609.3 m/mile) x (3600 sec/hr)) x (Link Length)

Pollutant Emission Rate (gr/sec)	0.00052
Pollutant Emission Rate (gr/sec/source)	8.34E-06

All	1463118.0
DSL	74874.0

Diesel Fleet Mix (weight fraction) 0.0512

Link Counts	Sources	AADT	VPH all	VPH gas	VPH diesel
MAIN EB		121000	5041.7	4783.7	258.0
MAIN WB		121000	5041.7	4783.7	258.0
EB ON / VINEYARD		10000	416.7	395.3	21.3
EB OFF / VINEYARD		12000	500.0	474.4	25.6
WB ON FROM NB / VINEYARD		3000	125.0	118.6	6.4
WB ON FROM SB / VINEYARD		5600	233.3	221.4	11.9
WB OFF / VINEYARD		9000	375.0	355.8	19.2

Initial Sigma Computation

Roadway Link / At Grade

Width of Traveled Way (m)	18.800
Average Wind Speed (m/s)	1.83
Source Separation Distance (m)	18.800

Initial Vertical Dispersion Parameter (Sigma Z)

$SZ = (1.8 + 0.11(TR)) \times (60/30)^{0.2}$

$TR = W2/U$

Where:

W2 = traveled way half width (m)

U = average wind speed (m/s)

SZ = 2.72

Initial Horizontal Dispersion Parameter (Sigma Y)

SY = (source separation distance)/2.15

SY = 8.74

Roadway Link / Depressed Section

Width of Traveled Way (m)	0.00
Average Wind Speed (m/s)	0.00
Depth of Cut (m)	0.00
Source Separation Distance (m)	0.00

Initial Vertical Dispersion Parameter (Sigma Z)

$SZ = (1.8 + 0.11(TR)) \times (60/30)^{0.2}$

$TR = DSTR \times W2/U$

$DSTR = 0.72 \times (\text{Depth of Cut})^{0.83}$

Where:

W2 = traveled way half width (m)

U = average wind speed (m/s)

SZ = #DIV/0!

Initial Horizontal Dispersion Parameter (Sigma Y)

SY = (source separation distance)/2.15

SY = 0.00

Note: 'source separation distance' cannot be less than 'width of traveled way' and must be multiples (e.g., 2x, 3x etc.) of 'width of traveled way' for approximate representation.

	Population	Fraction	Ratio
ALL	1463118	0.99100412	0.25
HHDD	13162.038	0.00899588	0.11
AVERAGE			0.25

13103.8	0.0019788
3651672.5	0.5514342
593.8	8.966E-05
403694.4	0.0609613
546.3	8.25E-05
1152327.1	0.1740114
37655.2	0.0056863
159983.3	0.0241589
14281.1	0.0021566
17952.9	0.002711
124317.1	0.018773
961.7	0.0001452
875149.6	0.1321552
4254.4	0.0006425
31798.8	0.0048019
50475.2	0.0076222
15074.7	0.0022764
47587.1	0.0071861
1057.6	0.0001597
4521.5	0.0006828
4993.6	0.0007541
2714.7	0.0004099
815.3	0.0001231
5629.2	0.0008501
975.8	0.0001474

0.20
55.14
0.01
6.10
0.01
17.40
0.57
2.42
0.22
0.27
1.88
0.01
13.22
0.06
0.48
0.76
0.23
0.72
0.02
0.07
0.08
0.04
0.01
0.09
0.01

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APPENDIX 3.2:

RISK CALCULATION WORKSHEETS

Table A1
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
Residential Exposure Scenario (30 Year)

Source	Concentration		Weight Fraction	Contaminant	Carcinogenic Risk			Noncarcinogenic Hazards / Toxicological Endpoints*									
	(ug/m3)	(mg/m3)			URF (ug/m3)	CPF (mg/kg/day)	RISK	REL (ug/m3)	RfD (mg/kg/day)	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)
Freeway	0.18172	1.8E-04	4.60E-01	Benzene	2.9E-05	1.0E-01	1.0E-06	6.0E+01	1.7E-02		1.3E-03	1.3E-03				1.3E-03	
			3.32E-01	Formaldehyde	6.0E-06	2.1E-02	1.5E-07	9.0E+00	2.6E-03	6.4E-03							
			1.05E-01	1,3-Butadiene	1.7E-04	6.0E-01	1.3E-06	2.0E+01	5.7E-03							9.1E-04	
			7.80E-02	Acetaldehyde	2.7E-06	1.0E-02	1.7E-08	1.4E+02	4.0E-02	9.7E-05							
			2.50E-02	Acrolein				3.5E-01	1.0E-04	1.2E-02							
	0.00304	3.0E-06	1.00E+00	Diesel Particulates	3.0E-04	1.1E+00	3.8E-07	5.0E+00	1.4E-03	5.8E-04							
Total							2.87E-06			2.0E-02	1.3E-03	1.3E-03	0.0E+00	0.0E+00	0.0E+00	2.3E-03	0.0E+00

* Key to Toxocological Endpoints

RESP	Respiratory System
CNS/PNS	Central/Peripheral Nervous System
CV/BL	Cardiovascular/Blood System
IMMUN	Immune System
KIDN	Kidney
GI/LV	Gastrointestinal System/Liver
REPRO	Reproductive System (e.g., teratogenic and developmental effects)
EYES	Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	30
inhalation rate (m3/day)	20
average body weight (kg)	70
averaging time$_{(cancer)}$ (days)	25550
averaging time$_{(noncancer)}$ (days)	10950

Table A2
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
Residential Exposure Scenario (9 Year)

Source	Concentration		Weight Fraction	Contaminant	Carcinogenic Risk			Noncarcinogenic Hazards / Toxicological Endpoints*									
					URF	CPF	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(ug/m3)	(mg/m3)			(ug/m3)	(mg/kg/day)		(ug/m3)	(mg/kg/day)								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)
Freeway	0.18172	1.8E-04	4.60E-01	Benzene	2.9E-05	1.0E-01	3.0E-07	6.0E+01	1.7E-02		1.3E-03	1.3E-03				1.3E-03	
			3.32E-01	Formaldehyde	6.0E-06	2.1E-02	4.5E-08	9.0E+00	2.6E-03	6.4E-03							
			1.05E-01	1,3-Butadiene	1.7E-04	6.0E-01	4.0E-07	2.0E+01	5.7E-03							9.1E-04	
			7.80E-02	Acetaldehyde	2.7E-06	1.0E-02	5.0E-09	1.4E+02	4.0E-02	9.7E-05							
			2.50E-02	Acrolein				3.5E-01	1.0E-04	1.2E-02							
	0.00304	3.0E-06	1.00E+00	Diesel Particulates	3.0E-04	1.1E+00	1.1E-07	5.0E+00	1.4E-03	5.8E-04							
Total							8.61E-07			2.0E-02	1.3E-03	1.3E-03	0.0E+00	0.0E+00	0.0E+00	2.3E-03	0.0E+00

* Key to Toxocological Endpoints

RESP	Respiratory System
CNS/PNS	Central/Peripheral Nervous System
CV/BL	Cardiovascular/Blood System
IMMUN	Immune System
KIDN	Kidney
GI/LV	Gastrointestinal System/Liver
REPRO	Reproductive System (e.g., teratogenic and developmental effects)
EYES	Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	9
inhalation rate (m3/day)	20
average body weight (kg)	70
averaging time$_{(cancer)}$ (days)	25550
averaging time$_{(noncancer)}$ (days)	3285

Table A3
Quantification of Noncarcinogenic Acute Hazards
1-Hour Exposure / Average Traffic Scenario

Source	Concentration (ug/m3)	Weight Fraction	Contaminant	Noncarcinogenic Hazards / Toxicological Endpoints*								
				REL (ug/m3)	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
Freeway	1.06000	4.60E-01	Benzene	1.3E+03			3.8E-04	3.8E-04			3.8E-04	
TOG		3.32E-01	Formaldehyde	5.5E+01								6.4E-03
		7.80E-02	Acetaldehyde	4.7E+02	1.8E-04							1.8E-04
		2.50E-02	Acrolein	2.5E+00	1.1E-02							1.1E-02
Freeway	0.18014	8.20E-02	Benzene	1.3E+03			1.1E-05	1.1E-05			1.1E-05	
Diesel/TOG		6.07E-01	Formaldehyde	5.5E+01								2.0E-03
		3.03E-01	Acetaldehyde	4.7E+02	1.2E-04							1.2E-04
Total					1.1E-02	0.0E+00	3.9E-04	3.9E-04	0.0E+00	0.0E+00	3.9E-04	1.9E-02

* Key to Toxocological Endpoints

RESP	Respiratory System
CNS/PNS	Central/Peripheral Nervous System
CV/BL	Cardiovascular/Blood System
IMMUN	Immune System
KIDN	Kidney
GI/LV	Gastrointestinal System/Liver
REPRO	Reproductive System (e.g., teratogenic and developmental effects)
EYES	Eye irritation and/or other effects

Table A4
Quantification of Noncarcinogenic Acute Hazards
8-Hour Exposure / Average Traffic Scenario

Source	Concentration (ug/m3)	Weight Fraction	Contaminant	Noncarcinogenic Hazards / Toxicological Endpoints*								
				REL (ug/m3)	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
Freeway	0.63600	3.32E-01	Formaldehyde	9.0E+00	2.3E-02							
TOG		7.80E-02	Acetaldehyde	3.0E+02	1.7E-04							
		2.50E-02	Acrolein	7.0E-01	2.3E-02							
Freeway	0.10350	6.07E-01	Formaldehyde	9.0E+00	7.0E-03							
Diesel/TOG		3.03E-01	Acetaldehyde	3.0E+02	1.0E-04							
Total					5.3E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

* Key to Toxocological Endpoints

RESP	Respiratory System
CNS/PNS	Central/Peripheral Nervous System
CV/BL	Cardiovascular/Blood System
IMMUN	Immune System
KIDN	Kidney
GI/LV	Gastrointestinal System/Liver
REPRO	Reproductive System (e.g., teratogenic and developmental effects)
EYES	Eye irritation and/or other effects

How to use:
Column A requests a value. Enter that value in column B.
Be sure to enter all four requested values.
The result appears in cell B20.

CONVERSION OF MICROGRAMS PER CUBIC METER TO PPM

MICROGRAMS PER CUBIC METER CONCENTRATION	39.41787
MOLECULAR WEIGHT	46.0055
TEMPERATURE IN DEG CELSIUS	25
ATMOSPHERIC PRESSURE IN mmHg (use 760 if unsure)	760
CONCENTRATION IN PPM	0.020961802

How to use:
Column A requests a value. Enter that value in column B.
Be sure to enter all four requested values.
The result appears in cell B20.

CONVERSION OF MICROGRAMS PER CUBIC METER TO PPM

MICROGRAMS PER CUBIC METER CONCENTRATION	257.73
MOLECULAR WEIGHT	28.01
TEMPERATURE IN DEG CELSIUS	25
ATMOSPHERIC PRESSURE IN mmHg (use 760 if unsure)	760
CONCENTRATION IN PPM	0.225111194

How to use:
Column A requests a value. Enter that value in column B.
Be sure to enter all four requested values.
The result appears in cell B20.

CONVERSION OF MICROGRAMS PER CUBIC METER TO PPM

MICROGRAMS PER CUBIC METER CONCENTRATION	154.53
MOLECULAR WEIGHT	28.01
TEMPERATURE IN DEG CELSIUS	25
ATMOSPHERIC PRESSURE IN mmHg (use 760 if unsure)	760
CONCENTRATION IN PPM	0.134972385

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APPENDIX 3.3:

AERMOD MODEL OUTPUT SUMMARY FILE

AERMOD MODEL OUTPUT SUMMARY FILE (CO)

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** AERMOD View Ver. 8.7.0
** Lakes Environmental Software Inc.
** Date: 10/21/2014
** File: U:\UcJobs\_08600-09000\_09000\09034\AERMOD\Residences Near FWY
HRA\CO\CO.ADI
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**
**
**************************************
** AERMOD Control Pathway
**************************************
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CO STARTING
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FWY HRA\r
   MODELOPT CONC FLAT  FASTALL
   AVERTIME 1 8
   URBANOPT 2015355
   POLLUTID CO
   RUNORNOT RUN
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ------------------------------------------------------------------------
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** PREFIX
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** Configuration = Adjacent
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** Vertical Dimension = 5.85
** SZINIT = 2.72
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Westbound on the 10
** PREFIX
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** Configuration = Adjacent
** Emission Rate = 5.51272
** Vertical Dimension = 5.85
** SZINIT = 2.72
** Nodes = 15
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   LOCATION L0030161     VOLUME   443424.397 3770149.230 0.0
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   LOCATION L0030168     VOLUME   443530.636 3770071.565 0.0
   LOCATION L0030169     VOLUME   443545.813 3770060.470 0.0
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   LOCATION L0030232     VOLUME   444645.655 3769671.688 0.0
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   LOCATION L0030245     VOLUME   444889.051 3769650.074 0.0
   LOCATION L0030246     VOLUME   444907.700 3769647.695 0.0
   LOCATION L0030247     VOLUME   444926.348 3769645.316 0.0
   LOCATION L0030248     VOLUME   444944.997 3769642.938 0.0
   LOCATION L0030249     VOLUME   444963.646 3769640.559 0.0
   LOCATION L0030250     VOLUME   444982.295 3769638.180 0.0
   LOCATION L0030251     VOLUME   445001.031 3769636.697 0.0
   LOCATION L0030252     VOLUME   445019.789 3769635.435 0.0
   LOCATION L0030253     VOLUME   445038.546 3769634.172 0.0
   LOCATION L0030254     VOLUME   445057.304 3769632.910 0.0
   LOCATION L0030255     VOLUME   445076.062 3769631.647 0.0
   LOCATION L0030256     VOLUME   445094.819 3769630.385 0.0
   LOCATION L0030257     VOLUME   445113.577 3769629.122 0.0
   LOCATION L0030258     VOLUME   445132.334 3769627.860 0.0
   LOCATION L0030259     VOLUME   445151.125 3769627.359 0.0
   LOCATION L0030260     VOLUME   445169.921 3769626.972 0.0
   LOCATION L0030261     VOLUME   445188.717 3769626.586 0.0
   LOCATION L0030262     VOLUME   445207.513 3769626.200 0.0
   LOCATION L0030263     VOLUME   445226.309 3769625.814 0.0
   LOCATION L0030264     VOLUME   445245.106 3769625.511 0.0
   LOCATION L0030265     VOLUME   445263.906 3769625.392 0.0
   LOCATION L0030266     VOLUME   445282.706 3769625.274 0.0
   LOCATION L0030267     VOLUME   445301.505 3769625.155 0.0
   LOCATION L0030268     VOLUME   445320.305 3769625.036 0.0
   LOCATION L0030269     VOLUME   445339.105 3769624.918 0.0
   LOCATION L0030270     VOLUME   445357.904 3769624.799 0.0
   LOCATION L0030271     VOLUME   445376.704 3769624.681 0.0
   LOCATION L0030272     VOLUME   445395.504 3769624.562 0.0
   LOCATION L0030273     VOLUME   445414.303 3769624.443 0.0
   LOCATION L0030274     VOLUME   445433.103 3769624.325 0.0
** End of LINE VOLUME Source ID = SLINE2
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Eastbound On Ramp
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** PREFIX
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** Configuration = Adjacent
** Emission Rate = 0.31654
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 5
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** 443827.930, 3769836.787, 0.00, 0.00, 4.19
** 443890.877, 3769802.058, 0.00, 0.00, 4.19
** 444196.883, 3769703.902, 0.00, 0.00, 4.19
** 444359.511, 3769658.135, 0.00, 0.00, 4.19
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   LOCATION L0030275     VOLUME   443697.497 3769892.186 0.0
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   LOCATION L0030277     VOLUME   443714.064 3769885.149 0.0
   LOCATION L0030278     VOLUME   443722.348 3769881.631 0.0
   LOCATION L0030279     VOLUME   443730.632 3769878.112 0.0
   LOCATION L0030280     VOLUME   443738.916 3769874.594 0.0
   LOCATION L0030281     VOLUME   443747.200 3769871.076 0.0
   LOCATION L0030282     VOLUME   443755.483 3769867.557 0.0
   LOCATION L0030283     VOLUME   443763.767 3769864.039 0.0
   LOCATION L0030284     VOLUME   443772.051 3769860.521 0.0
   LOCATION L0030285     VOLUME   443780.335 3769857.002 0.0
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   LOCATION L0030287     VOLUME   443796.902 3769849.965 0.0
   LOCATION L0030288     VOLUME   443805.186 3769846.447 0.0
   LOCATION L0030289     VOLUME   443813.470 3769842.929 0.0
   LOCATION L0030290     VOLUME   443821.754 3769839.410 0.0
   LOCATION L0030291     VOLUME   443829.935 3769835.681 0.0
   LOCATION L0030292     VOLUME   443837.815 3769831.333 0.0
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   LOCATION L0030294     VOLUME   443853.575 3769822.638 0.0
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   LOCATION L0030298     VOLUME   443885.096 3769805.247 0.0
   LOCATION L0030299     VOLUME   443893.160 3769801.325 0.0
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   LOCATION L0030301     VOLUME   443910.300 3769795.828 0.0
   LOCATION L0030302     VOLUME   443918.870 3769793.079 0.0
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   LOCATION L0030311     VOLUME   443995.999 3769768.338 0.0
   LOCATION L0030312     VOLUME   444004.569 3769765.589 0.0
   LOCATION L0030313     VOLUME   444013.139 3769762.841 0.0
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   LOCATION L0030315     VOLUME   444030.279 3769757.343 0.0
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   LOCATION L0030318     VOLUME   444055.988 3769749.096 0.0
   LOCATION L0030319     VOLUME   444064.558 3769746.347 0.0
   LOCATION L0030320     VOLUME   444073.128 3769743.598 0.0
   LOCATION L0030321     VOLUME   444081.698 3769740.849 0.0
   LOCATION L0030322     VOLUME   444090.268 3769738.100 0.0
   LOCATION L0030323     VOLUME   444098.838 3769735.351 0.0
   LOCATION L0030324     VOLUME   444107.408 3769732.602 0.0
   LOCATION L0030325     VOLUME   444115.978 3769729.854 0.0
   LOCATION L0030326     VOLUME   444124.548 3769727.105 0.0
   LOCATION L0030327     VOLUME   444133.118 3769724.356 0.0
   LOCATION L0030328     VOLUME   444141.688 3769721.607 0.0
   LOCATION L0030329     VOLUME   444150.258 3769718.858 0.0
   LOCATION L0030330     VOLUME   444158.827 3769716.109 0.0
   LOCATION L0030331     VOLUME   444167.397 3769713.360 0.0
   LOCATION L0030332     VOLUME   444175.967 3769710.611 0.0
   LOCATION L0030333     VOLUME   444184.537 3769707.862 0.0
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   LOCATION L0030335     VOLUME   444201.729 3769702.538 0.0
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   LOCATION L0030337     VOLUME   444219.056 3769697.662 0.0
   LOCATION L0030338     VOLUME   444227.720 3769695.224 0.0
   LOCATION L0030339     VOLUME   444236.383 3769692.786 0.0
   LOCATION L0030340     VOLUME   444245.047 3769690.348 0.0
   LOCATION L0030341     VOLUME   444253.710 3769687.910 0.0
   LOCATION L0030342     VOLUME   444262.374 3769685.472 0.0
   LOCATION L0030343     VOLUME   444271.037 3769683.034 0.0
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   LOCATION L0030346     VOLUME   444297.028 3769675.719 0.0
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   LOCATION L0030348     VOLUME   444314.355 3769670.843 0.0
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   LOCATION L0030351     VOLUME   444340.345 3769663.529 0.0
   LOCATION L0030352     VOLUME   444349.008 3769661.091 0.0
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Eastbound Off Ramp
** PREFIX
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** Configuration = Adjacent
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   LOCATION L0030356     VOLUME   443451.938 3770091.248 0.0
   LOCATION L0030357     VOLUME   443458.824 3770085.453 0.0
   LOCATION L0030358     VOLUME   443465.711 3770079.659 0.0
   LOCATION L0030359     VOLUME   443472.597 3770073.864 0.0
   LOCATION L0030360     VOLUME   443479.484 3770068.070 0.0
   LOCATION L0030361     VOLUME   443486.370 3770062.275 0.0
   LOCATION L0030362     VOLUME   443493.257 3770056.481 0.0
   LOCATION L0030363     VOLUME   443500.143 3770050.686 0.0
   LOCATION L0030364     VOLUME   443507.030 3770044.892 0.0
   LOCATION L0030365     VOLUME   443513.876 3770039.054 0.0
   LOCATION L0030366     VOLUME   443520.253 3770032.703 0.0
   LOCATION L0030367     VOLUME   443526.630 3770026.352 0.0
   LOCATION L0030368     VOLUME   443533.007 3770020.001 0.0
   LOCATION L0030369     VOLUME   443539.384 3770013.650 0.0
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   LOCATION L0030371     VOLUME   443552.138 3770000.948 0.0
   LOCATION L0030372     VOLUME   443558.515 3769994.597 0.0
   LOCATION L0030373     VOLUME   443564.949 3769988.305 0.0
   LOCATION L0030374     VOLUME   443571.488 3769982.121 0.0
   LOCATION L0030375     VOLUME   443578.028 3769975.938 0.0
   LOCATION L0030376     VOLUME   443584.567 3769969.754 0.0
   LOCATION L0030377     VOLUME   443591.107 3769963.571 0.0
   LOCATION L0030378     VOLUME   443597.646 3769957.388 0.0
   LOCATION L0030379     VOLUME   443604.223 3769951.246 0.0
   LOCATION L0030380     VOLUME   443611.039 3769945.368 0.0
   LOCATION L0030381     VOLUME   443617.854 3769939.490 0.0
   LOCATION L0030382     VOLUME   443624.670 3769933.612 0.0
   LOCATION L0030383     VOLUME   443631.851 3769928.292 0.0
   LOCATION L0030384     VOLUME   443639.958 3769924.382 0.0
   LOCATION L0030385     VOLUME   443648.064 3769920.472 0.0
   LOCATION L0030386     VOLUME   443656.170 3769916.562 0.0
   LOCATION L0030387     VOLUME   443664.276 3769912.652 0.0
   LOCATION L0030388     VOLUME   443672.456 3769908.902 0.0
** End of LINE VOLUME Source ID = SLINE4
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC Westbound On Ramp from NB
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.17364
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 10
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** 443818.587, 3769925.617, 0.00, 0.00, 4.19
** 443789.682, 3769934.481, 0.00, 0.00, 4.19
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   LOCATION L0030392     VOLUME   443767.153 3770039.845 0.0
   LOCATION L0030393     VOLUME   443775.802 3770037.355 0.0
   LOCATION L0030394     VOLUME   443784.451 3770034.866 0.0
   LOCATION L0030395     VOLUME   443793.099 3770032.376 0.0
   LOCATION L0030396     VOLUME   443801.748 3770029.886 0.0
   LOCATION L0030397     VOLUME   443810.397 3770027.396 0.0
   LOCATION L0030398     VOLUME   443817.920 3770022.750 0.0
   LOCATION L0030399     VOLUME   443824.905 3770017.075 0.0
   LOCATION L0030400     VOLUME   443831.890 3770011.400 0.0
   LOCATION L0030401     VOLUME   443838.875 3770005.724 0.0
   LOCATION L0030402     VOLUME   443845.136 3769999.453 0.0
   LOCATION L0030403     VOLUME   443849.366 3769991.509 0.0
   LOCATION L0030404     VOLUME   443853.596 3769983.565 0.0
   LOCATION L0030405     VOLUME   443857.825 3769975.621 0.0
   LOCATION L0030406     VOLUME   443858.895 3769967.212 0.0
   LOCATION L0030407     VOLUME   443857.130 3769958.387 0.0
   LOCATION L0030408     VOLUME   443855.365 3769949.562 0.0
   LOCATION L0030409     VOLUME   443850.433 3769942.431 0.0
   LOCATION L0030410     VOLUME   443844.069 3769936.067 0.0
   LOCATION L0030411     VOLUME   443837.705 3769929.703 0.0
   LOCATION L0030412     VOLUME   443829.228 3769927.428 0.0
   LOCATION L0030413     VOLUME   443820.356 3769925.918 0.0
   LOCATION L0030414     VOLUME   443811.698 3769927.730 0.0
   LOCATION L0030415     VOLUME   443803.093 3769930.368 0.0
   LOCATION L0030416     VOLUME   443794.489 3769933.007 0.0
   LOCATION L0030417     VOLUME   443786.102 3769936.203 0.0
   LOCATION L0030418     VOLUME   443777.992 3769940.104 0.0
   LOCATION L0030419     VOLUME   443769.881 3769944.005 0.0
   LOCATION L0030420     VOLUME   443761.771 3769947.907 0.0
   LOCATION L0030421     VOLUME   443753.660 3769951.808 0.0
   LOCATION L0030422     VOLUME   443745.550 3769955.709 0.0
   LOCATION L0030423     VOLUME   443737.439 3769959.610 0.0
   LOCATION L0030424     VOLUME   443729.329 3769963.512 0.0
   LOCATION L0030425     VOLUME   443721.218 3769967.413 0.0
   LOCATION L0030426     VOLUME   443713.108 3769971.314 0.0
   LOCATION L0030427     VOLUME   443704.997 3769975.215 0.0
   LOCATION L0030428     VOLUME   443696.974 3769979.275 0.0
   LOCATION L0030429     VOLUME   443689.351 3769984.059 0.0
   LOCATION L0030430     VOLUME   443681.728 3769988.843 0.0
   LOCATION L0030431     VOLUME   443674.104 3769993.627 0.0
   LOCATION L0030432     VOLUME   443666.481 3769998.411 0.0
   LOCATION L0030433     VOLUME   443658.858 3770003.194 0.0
   LOCATION L0030434     VOLUME   443651.234 3770007.978 0.0
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   LOCATION L0030435     VOLUME   443643.611 3770012.762 0.0
   LOCATION L0030436     VOLUME   443635.988 3770017.546 0.0
   LOCATION L0030437     VOLUME   443628.364 3770022.330 0.0
   LOCATION L0030438     VOLUME   443620.741 3770027.114 0.0
   LOCATION L0030439     VOLUME   443613.118 3770031.898 0.0
   LOCATION L0030440     VOLUME   443605.495 3770036.681 0.0
** End of LINE VOLUME Source ID = SLINE5
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE6
** DESCRSRC Westbound On Ramp from SB
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.0954
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 10
** 443692.515, 3770116.063, 0.00, 0.00, 4.19
** 443684.392, 3770090.217, 0.00, 0.00, 4.19
** 443677.746, 3770072.494, 0.00, 0.00, 4.19
** 443661.382, 3770055.772, 0.00, 0.00, 4.19
** 443645.962, 3770049.423, 0.00, 0.00, 4.19
** 443625.554, 3770044.434, 0.00, 0.00, 4.19
** 443606.961, 3770047.609, 0.00, 0.00, 4.19
** 443594.262, 3770053.958, 0.00, 0.00, 4.19
** 443576.575, 3770062.121, 0.00, 0.00, 4.19
** 443493.583, 3770111.553, 0.00, 0.00, 4.19
** ----------------------------------------------------------------------
   LOCATION L0030441     VOLUME   443691.166 3770111.770 0.0
   LOCATION L0030442     VOLUME   443688.468 3770103.184 0.0
   LOCATION L0030443     VOLUME   443685.769 3770094.598 0.0
   LOCATION L0030444     VOLUME   443682.845 3770086.090 0.0
   LOCATION L0030445     VOLUME   443679.685 3770077.663 0.0
   LOCATION L0030446     VOLUME   443675.313 3770070.007 0.0
   LOCATION L0030447     VOLUME   443669.018 3770063.575 0.0
   LOCATION L0030448     VOLUME   443662.723 3770057.142 0.0
   LOCATION L0030449     VOLUME   443654.833 3770053.075 0.0
   LOCATION L0030450     VOLUME   443646.511 3770049.648 0.0
   LOCATION L0030451     VOLUME   443637.796 3770047.426 0.0
   LOCATION L0030452     VOLUME   443629.053 3770045.289 0.0
   LOCATION L0030453     VOLUME   443620.233 3770045.342 0.0
   LOCATION L0030454     VOLUME   443611.362 3770046.857 0.0
   LOCATION L0030455     VOLUME   443602.904 3770049.637 0.0
   LOCATION L0030456     VOLUME   443594.854 3770053.662 0.0
   LOCATION L0030457     VOLUME   443586.692 3770057.452 0.0
   LOCATION L0030458     VOLUME   443578.520 3770061.223 0.0
   LOCATION L0030459     VOLUME   443570.683 3770065.630 0.0
   LOCATION L0030460     VOLUME   443562.951 3770070.236 0.0
   LOCATION L0030461     VOLUME   443555.219 3770074.842 0.0
   LOCATION L0030462     VOLUME   443547.486 3770079.447 0.0
   LOCATION L0030463     VOLUME   443539.754 3770084.053 0.0
   LOCATION L0030464     VOLUME   443532.022 3770088.658 0.0
   LOCATION L0030465     VOLUME   443524.289 3770093.264 0.0
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   LOCATION L0030466     VOLUME   443516.557 3770097.870 0.0
   LOCATION L0030467     VOLUME   443508.825 3770102.475 0.0
   LOCATION L0030468     VOLUME   443501.092 3770107.081 0.0
** End of LINE VOLUME Source ID = SLINE6
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC Westbound Off Ramp
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.31287
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 11
** 444162.465, 3769772.698, 0.00, 0.00, 4.19
** 443973.033, 3769851.672, 0.00, 0.00, 4.19
** 443913.269, 3769887.958, 0.00, 0.00, 4.19
** 443897.794, 3769913.037, 0.00, 0.00, 4.19
** 443881.785, 3769956.793, 0.00, 0.00, 4.19
** 443864.710, 3770002.684, 0.00, 0.00, 4.19
** 443850.836, 3770027.764, 0.00, 0.00, 4.19
** 443833.227, 3770044.306, 0.00, 0.00, 4.19
** 443802.277, 3770055.511, 0.00, 0.00, 4.19
** 443767.059, 3770064.049, 0.00, 0.00, 4.19
** 443730.774, 3770068.318, 0.00, 0.00, 4.19
** ----------------------------------------------------------------------
   LOCATION L0030469     VOLUME   444158.311 3769774.429 0.0
   LOCATION L0030470     VOLUME   444150.004 3769777.892 0.0
   LOCATION L0030471     VOLUME   444141.697 3769781.356 0.0
   LOCATION L0030472     VOLUME   444133.390 3769784.819 0.0
   LOCATION L0030473     VOLUME   444125.083 3769788.282 0.0
   LOCATION L0030474     VOLUME   444116.776 3769791.745 0.0
   LOCATION L0030475     VOLUME   444108.469 3769795.208 0.0
   LOCATION L0030476     VOLUME   444100.162 3769798.672 0.0
   LOCATION L0030477     VOLUME   444091.855 3769802.135 0.0
   LOCATION L0030478     VOLUME   444083.548 3769805.598 0.0
   LOCATION L0030479     VOLUME   444075.241 3769809.061 0.0
   LOCATION L0030480     VOLUME   444066.934 3769812.524 0.0
   LOCATION L0030481     VOLUME   444058.627 3769815.988 0.0
   LOCATION L0030482     VOLUME   444050.320 3769819.451 0.0
   LOCATION L0030483     VOLUME   444042.013 3769822.914 0.0
   LOCATION L0030484     VOLUME   444033.706 3769826.377 0.0
   LOCATION L0030485     VOLUME   444025.399 3769829.840 0.0
   LOCATION L0030486     VOLUME   444017.092 3769833.304 0.0
   LOCATION L0030487     VOLUME   444008.785 3769836.767 0.0
   LOCATION L0030488     VOLUME   444000.478 3769840.230 0.0
   LOCATION L0030489     VOLUME   443992.171 3769843.693 0.0
   LOCATION L0030490     VOLUME   443983.864 3769847.156 0.0
   LOCATION L0030491     VOLUME   443975.557 3769850.620 0.0
   LOCATION L0030492     VOLUME   443967.678 3769854.923 0.0
   LOCATION L0030493     VOLUME   443959.985 3769859.594 0.0
   LOCATION L0030494     VOLUME   443952.292 3769864.265 0.0
   LOCATION L0030495     VOLUME   443944.598 3769868.936 0.0
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   LOCATION L0030496     VOLUME   443936.905 3769873.607 0.0
   LOCATION L0030497     VOLUME   443929.212 3769878.277 0.0
   LOCATION L0030498     VOLUME   443921.519 3769882.948 0.0
   LOCATION L0030499     VOLUME   443913.826 3769887.619 0.0
   LOCATION L0030500     VOLUME   443908.885 3769895.062 0.0
   LOCATION L0030501     VOLUME   443904.159 3769902.721 0.0
   LOCATION L0030502     VOLUME   443899.433 3769910.380 0.0
   LOCATION L0030503     VOLUME   443895.774 3769918.557 0.0
   LOCATION L0030504     VOLUME   443892.682 3769927.010 0.0
   LOCATION L0030505     VOLUME   443889.590 3769935.462 0.0
   LOCATION L0030506     VOLUME   443886.498 3769943.914 0.0
   LOCATION L0030507     VOLUME   443883.405 3769952.366 0.0
   LOCATION L0030508     VOLUME   443880.291 3769960.810 0.0
   LOCATION L0030509     VOLUME   443877.152 3769969.245 0.0
   LOCATION L0030510     VOLUME   443874.014 3769977.680 0.0
   LOCATION L0030511     VOLUME   443870.875 3769986.115 0.0
   LOCATION L0030512     VOLUME   443867.737 3769994.550 0.0
   LOCATION L0030513     VOLUME   443864.555 3770002.965 0.0
   LOCATION L0030514     VOLUME   443860.198 3770010.840 0.0
   LOCATION L0030515     VOLUME   443855.841 3770018.715 0.0
   LOCATION L0030516     VOLUME   443851.485 3770026.591 0.0
   LOCATION L0030517     VOLUME   443845.253 3770033.008 0.0
   LOCATION L0030518     VOLUME   443838.694 3770039.170 0.0
   LOCATION L0030519     VOLUME   443831.817 3770044.816 0.0
   LOCATION L0030520     VOLUME   443823.355 3770047.880 0.0
   LOCATION L0030521     VOLUME   443814.892 3770050.944 0.0
   LOCATION L0030522     VOLUME   443806.430 3770054.008 0.0
   LOCATION L0030523     VOLUME   443797.823 3770056.591 0.0
   LOCATION L0030524     VOLUME   443789.076 3770058.712 0.0
   LOCATION L0030525     VOLUME   443780.329 3770060.832 0.0
   LOCATION L0030526     VOLUME   443771.583 3770062.953 0.0
   LOCATION L0030527     VOLUME   443762.744 3770064.557 0.0
   LOCATION L0030528     VOLUME   443753.805 3770065.608 0.0
   LOCATION L0030529     VOLUME   443744.867 3770066.660 0.0
   LOCATION L0030530     VOLUME   443735.928 3770067.712 0.0
** End of LINE VOLUME Source ID = SLINE7
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0029991     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0029992     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0029993     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0029994     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0029995     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0029996     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0029997     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0029998     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0029999     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030000     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030001     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030002     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030003     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030004     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030005     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030006     0.0388985315      0.00      8.74      2.72
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SRCPARAM L0030007     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030008     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030009     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030010     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030011     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030012     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030013     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030014     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030015     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030016     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030017     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030018     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030019     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030020     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030021     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030022     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030023     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030024     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030025     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030026     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030027     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030028     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030029     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030030     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030031     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030032     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030033     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030034     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030035     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030036     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030037     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030038     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030039     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030040     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030041     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030042     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030043     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030044     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030045     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030046     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030047     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030048     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030049     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030050     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030051     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030052     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030053     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030054     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030055     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030056     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030057     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030058     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030059     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030060     0.0388985315      0.00      8.74      2.72
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SRCPARAM L0030061     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030062     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030063     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030064     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030065     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030066     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030067     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030068     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030069     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030070     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030071     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030072     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030073     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030074     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030075     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030076     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030077     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030078     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030079     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030080     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030081     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030082     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030083     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030084     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030085     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030086     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030087     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030088     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030089     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030090     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030091     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030092     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030093     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030094     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030095     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030096     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030097     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030098     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030099     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030100     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030101     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030102     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030103     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030104     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030105     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030106     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030107     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030108     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030109     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030110     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030111     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030112     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030113     0.0388985315      0.00      8.74      2.72
SRCPARAM L0030114     0.0388985315      0.00      8.74      2.72
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   SRCPARAM L0030115     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030116     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030117     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030118     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030119     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030120     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030121     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030122     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030123     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030124     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030125     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030126     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030127     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030128     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030129     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030130     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030131     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030132     0.0388985315      0.00      8.74      2.72
   SRCPARAM L0030133     0.0388985315      0.00      8.74      2.72
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0030134     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030135     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030136     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030137     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030138     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030139     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030140     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030141     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030142     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030143     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030144     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030145     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030146     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030147     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030148     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030149     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030150     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030151     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030152     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030153     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030154     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030155     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030156     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030157     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030158     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030159     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030160     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030161     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030162     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030163     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030164     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030165     0.039097305       0.00      8.74      2.72
   SRCPARAM L0030166     0.039097305       0.00      8.74      2.72
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SRCPARAM L0030167     0.039097305      0.00      8.74      2.72
SRCPARAM L0030168     0.039097305      0.00      8.74      2.72
SRCPARAM L0030169     0.039097305      0.00      8.74      2.72
SRCPARAM L0030170     0.039097305      0.00      8.74      2.72
SRCPARAM L0030171     0.039097305      0.00      8.74      2.72
SRCPARAM L0030172     0.039097305      0.00      8.74      2.72
SRCPARAM L0030173     0.039097305      0.00      8.74      2.72
SRCPARAM L0030174     0.039097305      0.00      8.74      2.72
SRCPARAM L0030175     0.039097305      0.00      8.74      2.72
SRCPARAM L0030176     0.039097305      0.00      8.74      2.72
SRCPARAM L0030177     0.039097305      0.00      8.74      2.72
SRCPARAM L0030178     0.039097305      0.00      8.74      2.72
SRCPARAM L0030179     0.039097305      0.00      8.74      2.72
SRCPARAM L0030180     0.039097305      0.00      8.74      2.72
SRCPARAM L0030181     0.039097305      0.00      8.74      2.72
SRCPARAM L0030182     0.039097305      0.00      8.74      2.72
SRCPARAM L0030183     0.039097305      0.00      8.74      2.72
SRCPARAM L0030184     0.039097305      0.00      8.74      2.72
SRCPARAM L0030185     0.039097305      0.00      8.74      2.72
SRCPARAM L0030186     0.039097305      0.00      8.74      2.72
SRCPARAM L0030187     0.039097305      0.00      8.74      2.72
SRCPARAM L0030188     0.039097305      0.00      8.74      2.72
SRCPARAM L0030189     0.039097305      0.00      8.74      2.72
SRCPARAM L0030190     0.039097305      0.00      8.74      2.72
SRCPARAM L0030191     0.039097305      0.00      8.74      2.72
SRCPARAM L0030192     0.039097305      0.00      8.74      2.72
SRCPARAM L0030193     0.039097305      0.00      8.74      2.72
SRCPARAM L0030194     0.039097305      0.00      8.74      2.72
SRCPARAM L0030195     0.039097305      0.00      8.74      2.72
SRCPARAM L0030196     0.039097305      0.00      8.74      2.72
SRCPARAM L0030197     0.039097305      0.00      8.74      2.72
SRCPARAM L0030198     0.039097305      0.00      8.74      2.72
SRCPARAM L0030199     0.039097305      0.00      8.74      2.72
SRCPARAM L0030200     0.039097305      0.00      8.74      2.72
SRCPARAM L0030201     0.039097305      0.00      8.74      2.72
SRCPARAM L0030202     0.039097305      0.00      8.74      2.72
SRCPARAM L0030203     0.039097305      0.00      8.74      2.72
SRCPARAM L0030204     0.039097305      0.00      8.74      2.72
SRCPARAM L0030205     0.039097305      0.00      8.74      2.72
SRCPARAM L0030206     0.039097305      0.00      8.74      2.72
SRCPARAM L0030207     0.039097305      0.00      8.74      2.72
SRCPARAM L0030208     0.039097305      0.00      8.74      2.72
SRCPARAM L0030209     0.039097305      0.00      8.74      2.72
SRCPARAM L0030210     0.039097305      0.00      8.74      2.72
SRCPARAM L0030211     0.039097305      0.00      8.74      2.72
SRCPARAM L0030212     0.039097305      0.00      8.74      2.72
SRCPARAM L0030213     0.039097305      0.00      8.74      2.72
SRCPARAM L0030214     0.039097305      0.00      8.74      2.72
SRCPARAM L0030215     0.039097305      0.00      8.74      2.72
SRCPARAM L0030216     0.039097305      0.00      8.74      2.72
SRCPARAM L0030217     0.039097305      0.00      8.74      2.72
SRCPARAM L0030218     0.039097305      0.00      8.74      2.72
SRCPARAM L0030219     0.039097305      0.00      8.74      2.72
SRCPARAM L0030220     0.039097305      0.00      8.74      2.72
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SRCPARAM L0030221     0.039097305      0.00      8.74      2.72
SRCPARAM L0030222     0.039097305      0.00      8.74      2.72
SRCPARAM L0030223     0.039097305      0.00      8.74      2.72
SRCPARAM L0030224     0.039097305      0.00      8.74      2.72
SRCPARAM L0030225     0.039097305      0.00      8.74      2.72
SRCPARAM L0030226     0.039097305      0.00      8.74      2.72
SRCPARAM L0030227     0.039097305      0.00      8.74      2.72
SRCPARAM L0030228     0.039097305      0.00      8.74      2.72
SRCPARAM L0030229     0.039097305      0.00      8.74      2.72
SRCPARAM L0030230     0.039097305      0.00      8.74      2.72
SRCPARAM L0030231     0.039097305      0.00      8.74      2.72
SRCPARAM L0030232     0.039097305      0.00      8.74      2.72
SRCPARAM L0030233     0.039097305      0.00      8.74      2.72
SRCPARAM L0030234     0.039097305      0.00      8.74      2.72
SRCPARAM L0030235     0.039097305      0.00      8.74      2.72
SRCPARAM L0030236     0.039097305      0.00      8.74      2.72
SRCPARAM L0030237     0.039097305      0.00      8.74      2.72
SRCPARAM L0030238     0.039097305      0.00      8.74      2.72
SRCPARAM L0030239     0.039097305      0.00      8.74      2.72
SRCPARAM L0030240     0.039097305      0.00      8.74      2.72
SRCPARAM L0030241     0.039097305      0.00      8.74      2.72
SRCPARAM L0030242     0.039097305      0.00      8.74      2.72
SRCPARAM L0030243     0.039097305      0.00      8.74      2.72
SRCPARAM L0030244     0.039097305      0.00      8.74      2.72
SRCPARAM L0030245     0.039097305      0.00      8.74      2.72
SRCPARAM L0030246     0.039097305      0.00      8.74      2.72
SRCPARAM L0030247     0.039097305      0.00      8.74      2.72
SRCPARAM L0030248     0.039097305      0.00      8.74      2.72
SRCPARAM L0030249     0.039097305      0.00      8.74      2.72
SRCPARAM L0030250     0.039097305      0.00      8.74      2.72
SRCPARAM L0030251     0.039097305      0.00      8.74      2.72
SRCPARAM L0030252     0.039097305      0.00      8.74      2.72
SRCPARAM L0030253     0.039097305      0.00      8.74      2.72
SRCPARAM L0030254     0.039097305      0.00      8.74      2.72
SRCPARAM L0030255     0.039097305      0.00      8.74      2.72
SRCPARAM L0030256     0.039097305      0.00      8.74      2.72
SRCPARAM L0030257     0.039097305      0.00      8.74      2.72
SRCPARAM L0030258     0.039097305      0.00      8.74      2.72
SRCPARAM L0030259     0.039097305      0.00      8.74      2.72
SRCPARAM L0030260     0.039097305      0.00      8.74      2.72
SRCPARAM L0030261     0.039097305      0.00      8.74      2.72
SRCPARAM L0030262     0.039097305      0.00      8.74      2.72
SRCPARAM L0030263     0.039097305      0.00      8.74      2.72
SRCPARAM L0030264     0.039097305      0.00      8.74      2.72
SRCPARAM L0030265     0.039097305      0.00      8.74      2.72
SRCPARAM L0030266     0.039097305      0.00      8.74      2.72
SRCPARAM L0030267     0.039097305      0.00      8.74      2.72
SRCPARAM L0030268     0.039097305      0.00      8.74      2.72
SRCPARAM L0030269     0.039097305      0.00      8.74      2.72
SRCPARAM L0030270     0.039097305      0.00      8.74      2.72
SRCPARAM L0030271     0.039097305      0.00      8.74      2.72
SRCPARAM L0030272     0.039097305      0.00      8.74      2.72
SRCPARAM L0030273     0.039097305      0.00      8.74      2.72
SRCPARAM L0030274     0.039097305      0.00      8.74      2.72
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** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0030275     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030276     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030277     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030278     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030279     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030280     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030281     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030282     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030283     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030284     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030285     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030286     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030287     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030288     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030289     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030290     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030291     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030292     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030293     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030294     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030295     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030296     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030297     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030298     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030299     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030300     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030301     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030302     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030303     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030304     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030305     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030306     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030307     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030308     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030309     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030310     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030311     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030312     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030313     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030314     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030315     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030316     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030317     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030318     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030319     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030320     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030321     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030322     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030323     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030324     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030325     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030326     0.0040068354      0.00      4.19      2.38
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   SRCPARAM L0030327     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030328     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030329     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030330     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030331     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030332     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030333     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030334     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030335     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030336     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030337     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030338     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030339     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030340     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030341     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030342     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030343     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030344     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030345     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030346     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030347     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030348     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030349     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030350     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030351     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030352     0.0040068354      0.00      4.19      2.38
   SRCPARAM L0030353     0.0040068354      0.00      4.19      2.38
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0030354       0.00425       0.00      4.19      2.38
   SRCPARAM L0030355       0.00425       0.00      4.19      2.38
   SRCPARAM L0030356       0.00425       0.00      4.19      2.38
   SRCPARAM L0030357       0.00425       0.00      4.19      2.38
   SRCPARAM L0030358       0.00425       0.00      4.19      2.38
   SRCPARAM L0030359       0.00425       0.00      4.19      2.38
   SRCPARAM L0030360       0.00425       0.00      4.19      2.38
   SRCPARAM L0030361       0.00425       0.00      4.19      2.38
   SRCPARAM L0030362       0.00425       0.00      4.19      2.38
   SRCPARAM L0030363       0.00425       0.00      4.19      2.38
   SRCPARAM L0030364       0.00425       0.00      4.19      2.38
   SRCPARAM L0030365       0.00425       0.00      4.19      2.38
   SRCPARAM L0030366       0.00425       0.00      4.19      2.38
   SRCPARAM L0030367       0.00425       0.00      4.19      2.38
   SRCPARAM L0030368       0.00425       0.00      4.19      2.38
   SRCPARAM L0030369       0.00425       0.00      4.19      2.38
   SRCPARAM L0030370       0.00425       0.00      4.19      2.38
   SRCPARAM L0030371       0.00425       0.00      4.19      2.38
   SRCPARAM L0030372       0.00425       0.00      4.19      2.38
   SRCPARAM L0030373       0.00425       0.00      4.19      2.38
   SRCPARAM L0030374       0.00425       0.00      4.19      2.38
   SRCPARAM L0030375       0.00425       0.00      4.19      2.38
   SRCPARAM L0030376       0.00425       0.00      4.19      2.38
   SRCPARAM L0030377       0.00425       0.00      4.19      2.38
   SRCPARAM L0030378       0.00425       0.00      4.19      2.38
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   SRCPARAM L0030379       0.00425      0.00      4.19      2.38
   SRCPARAM L0030380       0.00425      0.00      4.19      2.38
   SRCPARAM L0030381       0.00425      0.00      4.19      2.38
   SRCPARAM L0030382       0.00425      0.00      4.19      2.38
   SRCPARAM L0030383       0.00425      0.00      4.19      2.38
   SRCPARAM L0030384       0.00425      0.00      4.19      2.38
   SRCPARAM L0030385       0.00425      0.00      4.19      2.38
   SRCPARAM L0030386       0.00425      0.00      4.19      2.38
   SRCPARAM L0030387       0.00425      0.00      4.19      2.38
   SRCPARAM L0030388       0.00425      0.00      4.19      2.38
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** LINE VOLUME Source ID = SLINE5
   SRCPARAM L0030389     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030390     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030391     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030392     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030393     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030394     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030395     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030396     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030397     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030398     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030399     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030400     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030401     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030402     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030403     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030404     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030405     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030406     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030407     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030408     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030409     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030410     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030411     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030412     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030413     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030414     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030415     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030416     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030417     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030418     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030419     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030420     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030421     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030422     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030423     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030424     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030425     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030426     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030427     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030428     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030429     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030430     0.0033392308      0.00      4.19      2.38
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   SRCPARAM L0030431     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030432     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030433     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030434     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030435     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030436     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030437     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030438     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030439     0.0033392308      0.00      4.19      2.38
   SRCPARAM L0030440     0.0033392308      0.00      4.19      2.38
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE6
   SRCPARAM L0030441     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030442     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030443     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030444     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030445     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030446     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030447     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030448     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030449     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030450     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030451     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030452     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030453     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030454     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030455     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030456     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030457     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030458     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030459     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030460     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030461     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030462     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030463     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030464     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030465     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030466     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030467     0.0034071429      0.00      4.19      2.38
   SRCPARAM L0030468     0.0034071429      0.00      4.19      2.38
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE7
   SRCPARAM L0030469     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030470     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030471     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030472     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030473     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030474     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030475     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030476     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030477     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030478     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030479     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030480     0.0050462903      0.00      4.19      2.38
```

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   SRCPARAM L0030481     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030482     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030483     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030484     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030485     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030486     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030487     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030488     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030489     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030490     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030491     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030492     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030493     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030494     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030495     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030496     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030497     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030498     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030499     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030500     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030501     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030502     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030503     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030504     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030505     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030506     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030507     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030508     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030509     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030510     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030511     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030512     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030513     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030514     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030515     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030516     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030517     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030518     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030519     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030520     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030521     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030522     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030523     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030524     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030525     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030526     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030527     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030528     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030529     0.0050462903      0.00      4.19      2.38
   SRCPARAM L0030530     0.0050462903      0.00      4.19      2.38
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
```

```
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
** DESCRREC "UCART1" "Receptors generated from Uniform Cartesian Grid"
   DISCCART    444781.98   3769929.39
   DISCCART    444818.37   3769929.39
   DISCCART    444854.76   3769929.39
   DISCCART    444891.15   3769929.39
   DISCCART    444927.54   3769929.39
   DISCCART    444963.93   3769929.39
   DISCCART    445000.32   3769929.39
   DISCCART    445036.71   3769929.39
   DISCCART    445073.10   3769929.39
   DISCCART    445109.49   3769929.39
   DISCCART    445145.88   3769929.39
   DISCCART    445182.27   3769929.39
   DISCCART    444781.98   3769940.96
   DISCCART    444818.37   3769940.96
   DISCCART    444854.76   3769940.96
   DISCCART    444891.15   3769940.96
   DISCCART    444927.54   3769940.96
   DISCCART    444963.93   3769940.96
   DISCCART    445000.32   3769940.96
   DISCCART    445036.71   3769940.96
   DISCCART    445073.10   3769940.96
   DISCCART    445109.49   3769940.96
   DISCCART    445145.88   3769940.96
   DISCCART    445182.27   3769940.96
   DISCCART    444781.98   3769952.53
   DISCCART    444818.37   3769952.53
   DISCCART    444854.76   3769952.53
   DISCCART    444891.15   3769952.53
   DISCCART    444927.54   3769952.53
   DISCCART    444963.93   3769952.53
   DISCCART    445000.32   3769952.53
   DISCCART    445036.71   3769952.53
   DISCCART    445073.10   3769952.53
   DISCCART    445109.49   3769952.53
   DISCCART    445145.88   3769952.53
   DISCCART    445182.27   3769952.53
   DISCCART    444781.98   3769964.10
   DISCCART    444818.37   3769964.10
   DISCCART    444854.76   3769964.10
   DISCCART    444891.15   3769964.10
   DISCCART    444927.54   3769964.10
   DISCCART    444963.93   3769964.10
   DISCCART    445000.32   3769964.10
   DISCCART    445036.71   3769964.10
   DISCCART    445073.10   3769964.10
   DISCCART    445109.49   3769964.10
```

DISCCART	445145.88	3769964.10
DISCCART	445182.27	3769964.10
DISCCART	445218.66	3769964.10
DISCCART	444781.98	3769975.67
DISCCART	444818.37	3769975.67
DISCCART	444854.76	3769975.67
DISCCART	444891.15	3769975.67
DISCCART	444927.54	3769975.67
DISCCART	444963.93	3769975.67
DISCCART	445000.32	3769975.67
DISCCART	445036.71	3769975.67
DISCCART	445073.10	3769975.67
DISCCART	445109.49	3769975.67
DISCCART	445145.88	3769975.67
DISCCART	445182.27	3769975.67
DISCCART	445218.66	3769975.67
DISCCART	444781.98	3769987.24
DISCCART	444818.37	3769987.24
DISCCART	444854.76	3769987.24
DISCCART	444891.15	3769987.24
DISCCART	444927.54	3769987.24
DISCCART	444963.93	3769987.24
DISCCART	445000.32	3769987.24
DISCCART	445036.71	3769987.24
DISCCART	445073.10	3769987.24
DISCCART	445109.49	3769987.24
DISCCART	445145.88	3769987.24
DISCCART	445182.27	3769987.24
DISCCART	445218.66	3769987.24
DISCCART	444781.98	3769998.81
DISCCART	444818.37	3769998.81
DISCCART	444854.76	3769998.81
DISCCART	444891.15	3769998.81
DISCCART	444927.54	3769998.81
DISCCART	444963.93	3769998.81
DISCCART	445000.32	3769998.81
DISCCART	445036.71	3769998.81
DISCCART	445073.10	3769998.81
DISCCART	445109.49	3769998.81
DISCCART	445145.88	3769998.81
DISCCART	445182.27	3769998.81
DISCCART	445218.66	3769998.81
DISCCART	444781.98	3770010.38
DISCCART	444818.37	3770010.38
DISCCART	444854.76	3770010.38
DISCCART	444891.15	3770010.38
DISCCART	444927.54	3770010.38
DISCCART	444963.93	3770010.38
DISCCART	445000.32	3770010.38
DISCCART	445036.71	3770010.38
DISCCART	445073.10	3770010.38
DISCCART	445109.49	3770010.38
DISCCART	445145.88	3770010.38
DISCCART	445182.27	3770010.38

DISCCART	445218.66	3770010.38
DISCCART	444781.98	3770021.95
DISCCART	444818.37	3770021.95
DISCCART	444854.76	3770021.95
DISCCART	444891.15	3770021.95
DISCCART	444927.54	3770021.95
DISCCART	444963.93	3770021.95
DISCCART	445000.32	3770021.95
DISCCART	445036.71	3770021.95
DISCCART	445073.10	3770021.95
DISCCART	445109.49	3770021.95
DISCCART	445145.88	3770021.95
DISCCART	445182.27	3770021.95
DISCCART	445218.66	3770021.95
DISCCART	444781.98	3770033.52
DISCCART	444818.37	3770033.52
DISCCART	444854.76	3770033.52
DISCCART	444891.15	3770033.52
DISCCART	444927.54	3770033.52
DISCCART	444963.93	3770033.52
DISCCART	445000.32	3770033.52
DISCCART	445036.71	3770033.52
DISCCART	445073.10	3770033.52
DISCCART	445109.49	3770033.52
DISCCART	445145.88	3770033.52
DISCCART	445182.27	3770033.52
DISCCART	445218.66	3770033.52
DISCCART	445249.38	3770033.52
DISCCART	444781.98	3770045.09
DISCCART	444818.37	3770045.09
DISCCART	444854.76	3770045.09
DISCCART	444891.15	3770045.09
DISCCART	444927.54	3770045.09
DISCCART	444963.93	3770045.09
DISCCART	445000.32	3770045.09
DISCCART	445036.71	3770045.09
DISCCART	445073.10	3770045.09
DISCCART	445109.49	3770045.09
DISCCART	445145.88	3770045.09
DISCCART	445182.27	3770045.09
DISCCART	445218.66	3770045.09
DISCCART	445255.05	3770045.09
DISCCART	444818.37	3770056.66
DISCCART	444854.76	3770056.66
DISCCART	444891.15	3770056.66
DISCCART	444927.54	3770056.66
DISCCART	444963.93	3770056.66
DISCCART	445000.32	3770056.66
DISCCART	445036.71	3770056.66
DISCCART	445073.10	3770056.66
DISCCART	445109.49	3770056.66
DISCCART	445145.88	3770056.66
DISCCART	445182.27	3770056.66
DISCCART	445218.66	3770056.66

DISCCART	445255.05	3770056.66
DISCCART	444818.37	3770068.23
DISCCART	444854.76	3770068.23
DISCCART	444891.15	3770068.23
DISCCART	444927.54	3770068.23
DISCCART	444963.93	3770068.23
DISCCART	445000.32	3770068.23
DISCCART	445036.71	3770068.23
DISCCART	445073.10	3770068.23
DISCCART	445109.49	3770068.23
DISCCART	445145.88	3770068.23
DISCCART	445182.27	3770068.23
DISCCART	445218.66	3770068.23
DISCCART	445255.05	3770068.23
DISCCART	444818.37	3770079.80
DISCCART	444854.76	3770079.80
DISCCART	444891.15	3770079.80
DISCCART	444927.54	3770079.80
DISCCART	444963.93	3770079.80
DISCCART	445000.32	3770079.80
DISCCART	445036.71	3770079.80
DISCCART	445073.10	3770079.80
DISCCART	445109.49	3770079.80
DISCCART	445145.88	3770079.80
DISCCART	445182.27	3770079.80
DISCCART	445218.66	3770079.80
DISCCART	445255.05	3770079.80
DISCCART	444818.37	3770091.37
DISCCART	444854.76	3770091.37
DISCCART	444891.15	3770091.37
DISCCART	444927.54	3770091.37
DISCCART	444963.93	3770091.37
DISCCART	445000.32	3770091.37
DISCCART	445036.71	3770091.37
DISCCART	445073.10	3770091.37
DISCCART	445109.49	3770091.37
DISCCART	445145.88	3770091.37
DISCCART	445182.27	3770091.37
DISCCART	445218.66	3770091.37
DISCCART	445255.05	3770091.37
DISCCART	444818.37	3770102.94
DISCCART	444854.76	3770102.94
DISCCART	444891.15	3770102.94
DISCCART	444927.54	3770102.94
DISCCART	444963.93	3770102.94
DISCCART	445000.32	3770102.94
DISCCART	445036.71	3770102.94
DISCCART	445073.10	3770102.94
DISCCART	445109.49	3770102.94
DISCCART	445145.88	3770102.94
DISCCART	445182.27	3770102.94
DISCCART	445218.66	3770102.94
DISCCART	445255.05	3770102.94
DISCCART	444818.37	3770114.51

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   DISCCART    444854.76   3770114.51
   DISCCART    444891.15   3770114.51
   DISCCART    444927.54   3770114.51
   DISCCART    444963.93   3770114.51
   DISCCART    445000.32   3770112.15
   DISCCART    445036.71   3770112.15
   DISCCART    445073.10   3770111.76
   DISCCART    445109.49   3770111.28
   DISCCART    445145.88   3770110.81
   DISCCART    445182.73   3770110.35
   DISCCART    445217.74   3770109.89
   DISCCART    445271.22   3770102.96
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE poma6.SFC
   PROFFILE poma6.PFL
   SURFDATA 3190 2005
   UAIRDATA 3190 2005
   SITEDATA 99999 2005
   PROFBASE 270.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST CO.AD\01H1GALL.PLT 31
   PLOTFILE 8 ALL 1ST CO.AD\08H1GALL.PLT 32
   SUMMFILE CO.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 W396    1537       MEOPEN: Met data from outdated version of AERMET,
version:         12345
 ME W531    1537       MEOPEN: CAUTION! Met Station ID Missing from
SURFFILE for      SURFDATA

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************
```

**MODELOPTs: NonDFAULT CONC   FLAT   FASTALL

*** 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 URBAN Dispersion Algorithm for the SBL for   540 Source(s),
for Total of   1 Urban Area(s):
Urban Population =   2015355.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:
1. Stack-tip Downwash.
2. Model Assumes Receptors on FLAT Terrain.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:
FASTALL - Use effective sigma-y to optimize meander for
POINT and VOLUME sources, and hybrid approach
to optimize AREA sources (formerly TOXICS option)

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: CO

**Model Calculates 2 Short Term Average(s) of: 1-HR   8-HR

**This Run Includes: 540 Source(s);   1 Source Group(s); and 220 Receptor(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 12345

**Output Options Selected:
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) = 270.00 ; 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 = 3.8 MB of RAM.

**File for Summary of Results: CO.sum

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0029991	0	0.38899E-01	445440.0	3769597.4	270.0	0.00	8.74	2.72	YES
L0029992	0	0.38899E-01	445421.2	3769597.7	270.0	0.00	8.74	2.72	YES
L0029993	0	0.38899E-01	445402.5	3769598.0	270.0	0.00	8.74	2.72	YES
L0029994	0	0.38899E-01	445383.7	3769598.2	270.0	0.00	8.74	2.72	YES
L0029995	0	0.38899E-01	445364.9	3769598.5	270.0	0.00	8.74	2.72	YES
L0029996	0	0.38899E-01	445346.1	3769598.8	270.0	0.00	8.74	2.72	YES
L0029997	0	0.38899E-01	445327.3	3769599.1	270.0	0.00	8.74	2.72	YES
L0029998	0	0.38899E-01	445308.5	3769599.3	270.0	0.00	8.74	2.72	YES
L0029999	0	0.38899E-01	445289.7	3769599.6	270.0	0.00	8.74	2.72	YES
L0030000	0	0.38899E-01	445270.9	3769599.9	270.0	0.00	8.74	2.72	YES
L0030001	0	0.38899E-01	445252.1	3769600.1	270.0	0.00	8.74	2.72	YES
L0030002	0	0.38899E-01	445233.3	3769600.4	270.0	0.00	8.74	2.72	YES
L0030003	0	0.38899E-01	445214.5	3769600.7	270.0	0.00	8.74	2.72	YES
L0030004	0	0.38899E-01	445195.7	3769600.9	270.0	0.00	8.74	2.72	YES
L0030005	0	0.38899E-01	445176.9	3769601.2	270.0	0.00	8.74	2.72	YES
L0030006	0	0.38899E-01	445158.1	3769601.5	270.0	0.00	8.74	2.72	YES

L0030007		0	0.38899E-01	445139.3	3769601.8	270.0	0.00	
8.74	2.72	YES						
L0030008		0	0.38899E-01	445120.5	3769602.0	270.0	0.00	
8.74	2.72	YES						
L0030009		0	0.38899E-01	445101.7	3769602.3	270.0	0.00	
8.74	2.72	YES						
L0030010		0	0.38899E-01	445082.9	3769602.6	270.0	0.00	
8.74	2.72	YES						
L0030011		0	0.38899E-01	445064.1	3769602.8	270.0	0.00	
8.74	2.72	YES						
L0030012		0	0.38899E-01	445045.3	3769603.1	270.0	0.00	
8.74	2.72	YES						
L0030013		0	0.38899E-01	445026.5	3769603.4	270.0	0.00	
8.74	2.72	YES						
L0030014		0	0.38899E-01	445007.7	3769603.6	270.0	0.00	
8.74	2.72	YES						
L0030015		0	0.38899E-01	444988.9	3769603.9	270.0	0.00	
8.74	2.72	YES						
L0030016		0	0.38899E-01	444970.1	3769604.2	270.0	0.00	
8.74	2.72	YES						
L0030017		0	0.38899E-01	444951.3	3769604.5	270.0	0.00	
8.74	2.72	YES						
L0030018		0	0.38899E-01	444932.5	3769604.7	270.0	0.00	
8.74	2.72	YES						
L0030019		0	0.38899E-01	444913.7	3769605.0	270.0	0.00	
8.74	2.72	YES						
L0030020		0	0.38899E-01	444894.9	3769605.3	270.0	0.00	
8.74	2.72	YES						
L0030021		0	0.38899E-01	444876.1	3769605.5	270.0	0.00	
8.74	2.72	YES						
L0030022		0	0.38899E-01	444857.3	3769605.8	270.0	0.00	
8.74	2.72	YES						
L0030023		0	0.38899E-01	444838.5	3769606.1	270.0	0.00	
8.74	2.72	YES						
L0030024		0	0.38899E-01	444819.7	3769606.6	270.0	0.00	
8.74	2.72	YES						
L0030025		0	0.38899E-01	444800.9	3769607.2	270.0	0.00	
8.74	2.72	YES						
L0030026		0	0.38899E-01	444782.1	3769607.7	270.0	0.00	
8.74	2.72	YES						
L0030027		0	0.38899E-01	444763.3	3769608.2	270.0	0.00	
8.74	2.72	YES						
L0030028		0	0.38899E-01	444744.6	3769609.2	270.0	0.00	
8.74	2.72	YES						
L0030029		0	0.38899E-01	444725.9	3769611.1	270.0	0.00	
8.74	2.72	YES						
L0030030		0	0.38899E-01	444707.2	3769613.1	270.0	0.00	
8.74	2.72	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030031	0	0.38899E-01	444688.5	3769615.0	270.0	0.00	8.74	2.72	YES
L0030032	0	0.38899E-01	444669.8	3769617.0	270.0	0.00	8.74	2.72	YES
L0030033	0	0.38899E-01	444651.1	3769618.9	270.0	0.00	8.74	2.72	YES
L0030034	0	0.38899E-01	444632.4	3769621.1	270.0	0.00	8.74	2.72	YES
L0030035	0	0.38899E-01	444613.8	3769623.7	270.0	0.00	8.74	2.72	YES
L0030036	0	0.38899E-01	444595.2	3769626.3	270.0	0.00	8.74	2.72	YES
L0030037	0	0.38899E-01	444576.6	3769628.9	270.0	0.00	8.74	2.72	YES
L0030038	0	0.38899E-01	444557.9	3769631.5	270.0	0.00	8.74	2.72	YES
L0030039	0	0.38899E-01	444539.3	3769634.1	270.0	0.00	8.74	2.72	YES
L0030040	0	0.38899E-01	444520.7	3769637.0	270.0	0.00	8.74	2.72	YES
L0030041	0	0.38899E-01	444502.2	3769640.0	270.0	0.00	8.74	2.72	YES
L0030042	0	0.38899E-01	444483.6	3769643.0	270.0	0.00	8.74	2.72	YES
L0030043	0	0.38899E-01	444465.1	3769646.0	270.0	0.00	8.74	2.72	YES
L0030044	0	0.38899E-01	444446.5	3769649.1	270.0	0.00	8.74	2.72	YES
L0030045	0	0.38899E-01	444428.0	3769652.1	270.0	0.00	8.74	2.72	YES
L0030046	0	0.38899E-01	444409.5	3769655.4	270.0	0.00	8.74	2.72	YES

L0030047		0	0.38899E-01	444391.2	3769659.9	270.0	0.00
8.74	2.72	YES					
L0030048		0	0.38899E-01	444373.0	3769664.4	270.0	0.00
8.74	2.72	YES					
L0030049		0	0.38899E-01	444354.7	3769669.0	270.0	0.00
8.74	2.72	YES					
L0030050		0	0.38899E-01	444336.5	3769673.5	270.0	0.00
8.74	2.72	YES					
L0030051		0	0.38899E-01	444318.2	3769678.0	270.0	0.00
8.74	2.72	YES					
L0030052		0	0.38899E-01	444300.0	3769682.5	270.0	0.00
8.74	2.72	YES					
L0030053		0	0.38899E-01	444281.7	3769687.1	270.0	0.00
8.74	2.72	YES					
L0030054		0	0.38899E-01	444263.5	3769691.6	270.0	0.00
8.74	2.72	YES					
L0030055		0	0.38899E-01	444245.2	3769696.1	270.0	0.00
8.74	2.72	YES					
L0030056		0	0.38899E-01	444227.4	3769702.0	270.0	0.00
8.74	2.72	YES					
L0030057		0	0.38899E-01	444209.6	3769708.1	270.0	0.00
8.74	2.72	YES					
L0030058		0	0.38899E-01	444191.8	3769714.2	270.0	0.00
8.74	2.72	YES					
L0030059		0	0.38899E-01	444174.0	3769720.3	270.0	0.00
8.74	2.72	YES					
L0030060		0	0.38899E-01	444156.2	3769726.4	270.0	0.00
8.74	2.72	YES					
L0030061		0	0.38899E-01	444138.5	3769732.4	270.0	0.00
8.74	2.72	YES					
L0030062		0	0.38899E-01	444120.7	3769738.5	270.0	0.00
8.74	2.72	YES					
L0030063		0	0.38899E-01	444102.9	3769744.6	270.0	0.00
8.74	2.72	YES					
L0030064		0	0.38899E-01	444085.1	3769750.7	270.0	0.00
8.74	2.72	YES					
L0030065		0	0.38899E-01	444067.3	3769756.8	270.0	0.00
8.74	2.72	YES					
L0030066		0	0.38899E-01	444049.5	3769762.9	270.0	0.00
8.74	2.72	YES					
L0030067		0	0.38899E-01	444032.2	3769770.2	270.0	0.00
8.74	2.72	YES					
L0030068		0	0.38899E-01	444014.9	3769777.5	270.0	0.00
8.74	2.72	YES					
L0030069		0	0.38899E-01	443997.6	3769784.9	270.0	0.00
8.74	2.72	YES					
L0030070		0	0.38899E-01	443980.3	3769792.2	270.0	0.00
8.74	2.72	YES					

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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030071	0	0.38899E-01	443963.0	3769799.5	270.0	0.00	8.74	2.72	YES
L0030072	0	0.38899E-01	443945.7	3769806.9	270.0	0.00	8.74	2.72	YES
L0030073	0	0.38899E-01	443928.3	3769814.2	270.0	0.00	8.74	2.72	YES
L0030074	0	0.38899E-01	443911.4	3769822.3	270.0	0.00	8.74	2.72	YES
L0030075	0	0.38899E-01	443894.6	3769830.8	270.0	0.00	8.74	2.72	YES
L0030076	0	0.38899E-01	443877.9	3769839.4	270.0	0.00	8.74	2.72	YES
L0030077	0	0.38899E-01	443861.1	3769847.9	270.0	0.00	8.74	2.72	YES
L0030078	0	0.38899E-01	443844.4	3769856.4	270.0	0.00	8.74	2.72	YES
L0030079	0	0.38899E-01	443827.6	3769864.9	270.0	0.00	8.74	2.72	YES
L0030080	0	0.38899E-01	443810.9	3769873.5	270.0	0.00	8.74	2.72	YES
L0030081	0	0.38899E-01	443794.1	3769882.0	270.0	0.00	8.74	2.72	YES
L0030082	0	0.38899E-01	443777.7	3769891.1	270.0	0.00	8.74	2.72	YES
L0030083	0	0.38899E-01	443761.6	3769900.9	270.0	0.00	8.74	2.72	YES
L0030084	0	0.38899E-01	443745.6	3769910.7	270.0	0.00	8.74	2.72	YES
L0030085	0	0.38899E-01	443729.5	3769920.4	270.0	0.00	8.74	2.72	YES
L0030086	0	0.38899E-01	443713.4	3769930.2	270.0	0.00	8.74	2.72	YES

L0030087		0	0.38899E-01	443697.4	3769940.0	270.0	0.00	
8.74	2.72	YES						
L0030088		0	0.38899E-01	443681.3	3769949.8	270.0	0.00	
8.74	2.72	YES						
L0030089		0	0.38899E-01	443665.3	3769959.6	270.0	0.00	
8.74	2.72	YES						
L0030090		0	0.38899E-01	443649.2	3769969.4	270.0	0.00	
8.74	2.72	YES						
L0030091		0	0.38899E-01	443633.2	3769979.1	270.0	0.00	
8.74	2.72	YES						
L0030092		0	0.38899E-01	443617.4	3769989.3	270.0	0.00	
8.74	2.72	YES						
L0030093		0	0.38899E-01	443601.9	3770000.0	270.0	0.00	
8.74	2.72	YES						
L0030094		0	0.38899E-01	443586.4	3770010.6	270.0	0.00	
8.74	2.72	YES						
L0030095		0	0.38899E-01	443570.9	3770021.3	270.0	0.00	
8.74	2.72	YES						
L0030096		0	0.38899E-01	443555.5	3770032.0	270.0	0.00	
8.74	2.72	YES						
L0030097		0	0.38899E-01	443540.0	3770042.7	270.0	0.00	
8.74	2.72	YES						
L0030098		0	0.38899E-01	443524.5	3770053.3	270.0	0.00	
8.74	2.72	YES						
L0030099		0	0.38899E-01	443509.0	3770064.0	270.0	0.00	
8.74	2.72	YES						
L0030100		0	0.38899E-01	443493.6	3770074.7	270.0	0.00	
8.74	2.72	YES						
L0030101		0	0.38899E-01	443478.1	3770085.4	270.0	0.00	
8.74	2.72	YES						
L0030102		0	0.38899E-01	443462.6	3770096.0	270.0	0.00	
8.74	2.72	YES						
L0030103		0	0.38899E-01	443447.1	3770106.7	270.0	0.00	
8.74	2.72	YES						
L0030104		0	0.38899E-01	443431.7	3770117.4	270.0	0.00	
8.74	2.72	YES						
L0030105		0	0.38899E-01	443416.3	3770128.2	270.0	0.00	
8.74	2.72	YES						
L0030106		0	0.38899E-01	443400.9	3770139.0	270.0	0.00	
8.74	2.72	YES						
L0030107		0	0.38899E-01	443385.5	3770149.8	270.0	0.00	
8.74	2.72	YES						
L0030108		0	0.38899E-01	443370.1	3770160.5	270.0	0.00	
8.74	2.72	YES						
L0030109		0	0.38899E-01	443354.7	3770171.3	270.0	0.00	
8.74	2.72	YES						
L0030110		0	0.38899E-01	443339.3	3770182.1	270.0	0.00	
8.74	2.72	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030111	0	0.38899E-01	443323.9	3770192.9	270.0	0.00	8.74	2.72	YES
L0030112	0	0.38899E-01	443308.5	3770203.7	270.0	0.00	8.74	2.72	YES
L0030113	0	0.38899E-01	443293.1	3770214.5	270.0	0.00	8.74	2.72	YES
L0030114	0	0.38899E-01	443277.7	3770225.2	270.0	0.00	8.74	2.72	YES
L0030115	0	0.38899E-01	443262.3	3770236.0	270.0	0.00	8.74	2.72	YES
L0030116	0	0.38899E-01	443246.9	3770246.8	270.0	0.00	8.74	2.72	YES
L0030117	0	0.38899E-01	443231.5	3770257.6	270.0	0.00	8.74	2.72	YES
L0030118	0	0.38899E-01	443216.1	3770268.4	270.0	0.00	8.74	2.72	YES
L0030119	0	0.38899E-01	443200.7	3770279.1	270.0	0.00	8.74	2.72	YES
L0030120	0	0.38899E-01	443185.3	3770289.9	270.0	0.00	8.74	2.72	YES
L0030121	0	0.38899E-01	443169.9	3770300.7	270.0	0.00	8.74	2.72	YES
L0030122	0	0.38899E-01	443154.5	3770311.5	270.0	0.00	8.74	2.72	YES
L0030123	0	0.38899E-01	443139.0	3770322.3	270.0	0.00	8.74	2.72	YES
L0030124	0	0.38899E-01	443123.6	3770333.0	270.0	0.00	8.74	2.72	YES
L0030125	0	0.38899E-01	443108.2	3770343.8	270.0	0.00	8.74	2.72	YES
L0030126	0	0.38899E-01	443092.8	3770354.6	270.0	0.00	8.74	2.72	YES

L0030127		0	0.38899E-01	443077.4	3770365.4	270.0	0.00
8.74	2.72	YES					
L0030128		0	0.38899E-01	443062.0	3770376.2	270.0	0.00
8.74	2.72	YES					
L0030129		0	0.38899E-01	443046.6	3770386.9	270.0	0.00
8.74	2.72	YES					
L0030130		0	0.38899E-01	443031.2	3770397.7	270.0	0.00
8.74	2.72	YES					
L0030131		0	0.38899E-01	443015.8	3770408.5	270.0	0.00
8.74	2.72	YES					
L0030132		0	0.38899E-01	443000.4	3770419.3	270.0	0.00
8.74	2.72	YES					
L0030133		0	0.38899E-01	442985.0	3770430.1	270.0	0.00
8.74	2.72	YES					
L0030134		0	0.39097E-01	443012.0	3770445.2	270.0	0.00
8.74	2.72	YES					
L0030135		0	0.39097E-01	443027.3	3770434.2	270.0	0.00
8.74	2.72	YES					
L0030136		0	0.39097E-01	443042.6	3770423.3	270.0	0.00
8.74	2.72	YES					
L0030137		0	0.39097E-01	443057.9	3770412.4	270.0	0.00
8.74	2.72	YES					
L0030138		0	0.39097E-01	443073.2	3770401.4	270.0	0.00
8.74	2.72	YES					
L0030139		0	0.39097E-01	443088.4	3770390.5	270.0	0.00
8.74	2.72	YES					
L0030140		0	0.39097E-01	443103.7	3770379.5	270.0	0.00
8.74	2.72	YES					
L0030141		0	0.39097E-01	443119.0	3770368.6	270.0	0.00
8.74	2.72	YES					
L0030142		0	0.39097E-01	443134.3	3770357.6	270.0	0.00
8.74	2.72	YES					
L0030143		0	0.39097E-01	443149.6	3770346.7	270.0	0.00
8.74	2.72	YES					
L0030144		0	0.39097E-01	443164.9	3770335.7	270.0	0.00
8.74	2.72	YES					
L0030145		0	0.39097E-01	443180.1	3770324.8	270.0	0.00
8.74	2.72	YES					
L0030146		0	0.39097E-01	443195.5	3770313.9	270.0	0.00
8.74	2.72	YES					
L0030147		0	0.39097E-01	443210.9	3770303.1	270.0	0.00
8.74	2.72	YES					
L0030148		0	0.39097E-01	443226.2	3770292.3	270.0	0.00
8.74	2.72	YES					
L0030149		0	0.39097E-01	443241.6	3770281.4	270.0	0.00
8.74	2.72	YES					
L0030150		0	0.39097E-01	443257.0	3770270.6	270.0	0.00
8.74	2.72	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030151	0	0.39097E-01	443272.3	3770259.8	270.0	0.00	8.74	2.72	YES
L0030152	0	0.39097E-01	443287.7	3770248.9	270.0	0.00	8.74	2.72	YES
L0030153	0	0.39097E-01	443303.0	3770238.0	270.0	0.00	8.74	2.72	YES
L0030154	0	0.39097E-01	443318.2	3770226.9	270.0	0.00	8.74	2.72	YES
L0030155	0	0.39097E-01	443333.3	3770215.8	270.0	0.00	8.74	2.72	YES
L0030156	0	0.39097E-01	443348.5	3770204.7	270.0	0.00	8.74	2.72	YES
L0030157	0	0.39097E-01	443363.7	3770193.6	270.0	0.00	8.74	2.72	YES
L0030158	0	0.39097E-01	443378.9	3770182.5	270.0	0.00	8.74	2.72	YES
L0030159	0	0.39097E-01	443394.0	3770171.4	270.0	0.00	8.74	2.72	YES
L0030160	0	0.39097E-01	443409.2	3770160.3	270.0	0.00	8.74	2.72	YES
L0030161	0	0.39097E-01	443424.4	3770149.2	270.0	0.00	8.74	2.72	YES
L0030162	0	0.39097E-01	443439.6	3770138.1	270.0	0.00	8.74	2.72	YES
L0030163	0	0.39097E-01	443454.8	3770127.0	270.0	0.00	8.74	2.72	YES
L0030164	0	0.39097E-01	443469.9	3770115.9	270.0	0.00	8.74	2.72	YES
L0030165	0	0.39097E-01	443485.1	3770104.8	270.0	0.00	8.74	2.72	YES
L0030166	0	0.39097E-01	443500.3	3770093.8	270.0	0.00	8.74	2.72	YES

L0030167		0	0.39097E-01	443515.5	3770082.7	270.0	0.00	
8.74	2.72	YES						
L0030168		0	0.39097E-01	443530.6	3770071.6	270.0	0.00	
8.74	2.72	YES						
L0030169		0	0.39097E-01	443545.8	3770060.5	270.0	0.00	
8.74	2.72	YES						
L0030170		0	0.39097E-01	443561.0	3770049.4	270.0	0.00	
8.74	2.72	YES						
L0030171		0	0.39097E-01	443576.2	3770038.3	270.0	0.00	
8.74	2.72	YES						
L0030172		0	0.39097E-01	443591.3	3770027.2	270.0	0.00	
8.74	2.72	YES						
L0030173		0	0.39097E-01	443606.5	3770016.1	270.0	0.00	
8.74	2.72	YES						
L0030174		0	0.39097E-01	443621.7	3770005.0	270.0	0.00	
8.74	2.72	YES						
L0030175		0	0.39097E-01	443637.1	3769994.2	270.0	0.00	
8.74	2.72	YES						
L0030176		0	0.39097E-01	443653.3	3769984.7	270.0	0.00	
8.74	2.72	YES						
L0030177		0	0.39097E-01	443669.5	3769975.2	270.0	0.00	
8.74	2.72	YES						
L0030178		0	0.39097E-01	443685.7	3769965.7	270.0	0.00	
8.74	2.72	YES						
L0030179		0	0.39097E-01	443701.9	3769956.1	270.0	0.00	
8.74	2.72	YES						
L0030180		0	0.39097E-01	443718.1	3769946.6	270.0	0.00	
8.74	2.72	YES						
L0030181		0	0.39097E-01	443734.4	3769937.3	270.0	0.00	
8.74	2.72	YES						
L0030182		0	0.39097E-01	443750.8	3769928.0	270.0	0.00	
8.74	2.72	YES						
L0030183		0	0.39097E-01	443767.2	3769918.8	270.0	0.00	
8.74	2.72	YES						
L0030184		0	0.39097E-01	443783.5	3769909.5	270.0	0.00	
8.74	2.72	YES						
L0030185		0	0.39097E-01	443799.9	3769900.2	270.0	0.00	
8.74	2.72	YES						
L0030186		0	0.39097E-01	443816.3	3769891.0	270.0	0.00	
8.74	2.72	YES						
L0030187		0	0.39097E-01	443832.6	3769881.7	270.0	0.00	
8.74	2.72	YES						
L0030188		0	0.39097E-01	443849.2	3769872.9	270.0	0.00	
8.74	2.72	YES						
L0030189		0	0.39097E-01	443866.3	3769865.0	270.0	0.00	
8.74	2.72	YES						
L0030190		0	0.39097E-01	443883.4	3769857.1	270.0	0.00	
8.74	2.72	YES						

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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030191	0	0.39097E-01	443900.4	3769849.3	270.0	0.00	8.74	2.72	YES
L0030192	0	0.39097E-01	443917.5	3769841.4	270.0	0.00	8.74	2.72	YES
L0030193	0	0.39097E-01	443934.6	3769833.5	270.0	0.00	8.74	2.72	YES
L0030194	0	0.39097E-01	443951.6	3769825.7	270.0	0.00	8.74	2.72	YES
L0030195	0	0.39097E-01	443968.7	3769817.8	270.0	0.00	8.74	2.72	YES
L0030196	0	0.39097E-01	443985.8	3769809.9	270.0	0.00	8.74	2.72	YES
L0030197	0	0.39097E-01	444002.9	3769802.0	270.0	0.00	8.74	2.72	YES
L0030198	0	0.39097E-01	444020.0	3769794.2	270.0	0.00	8.74	2.72	YES
L0030199	0	0.39097E-01	444038.1	3769789.3	270.0	0.00	8.74	2.72	YES
L0030200	0	0.39097E-01	444056.3	3769784.5	270.0	0.00	8.74	2.72	YES
L0030201	0	0.39097E-01	444074.4	3769779.6	270.0	0.00	8.74	2.72	YES
L0030202	0	0.39097E-01	444092.6	3769774.7	270.0	0.00	8.74	2.72	YES
L0030203	0	0.39097E-01	444110.7	3769769.8	270.0	0.00	8.74	2.72	YES
L0030204	0	0.39097E-01	444128.9	3769764.9	270.0	0.00	8.74	2.72	YES
L0030205	0	0.39097E-01	444147.0	3769760.0	270.0	0.00	8.74	2.72	YES
L0030206	0	0.39097E-01	444165.2	3769755.1	270.0	0.00	8.74	2.72	YES

L0030207		0	0.39097E-01	444183.3	3769750.2	270.0	0.00
8.74	2.72	YES					
L0030208		0	0.39097E-01	444201.5	3769745.3	270.0	0.00
8.74	2.72	YES					
L0030209		0	0.39097E-01	444219.6	3769740.4	270.0	0.00
8.74	2.72	YES					
L0030210		0	0.39097E-01	444237.8	3769735.5	270.0	0.00
8.74	2.72	YES					
L0030211		0	0.39097E-01	444255.9	3769730.6	270.0	0.00
8.74	2.72	YES					
L0030212		0	0.39097E-01	444274.1	3769725.7	270.0	0.00
8.74	2.72	YES					
L0030213		0	0.39097E-01	444292.2	3769720.8	270.0	0.00
8.74	2.72	YES					
L0030214		0	0.39097E-01	444310.4	3769715.9	270.0	0.00
8.74	2.72	YES					
L0030215		0	0.39097E-01	444328.6	3769711.2	270.0	0.00
8.74	2.72	YES					
L0030216		0	0.39097E-01	444347.2	3769708.7	270.0	0.00
8.74	2.72	YES					
L0030217		0	0.39097E-01	444365.8	3769706.1	270.0	0.00
8.74	2.72	YES					
L0030218		0	0.39097E-01	444384.5	3769703.6	270.0	0.00
8.74	2.72	YES					
L0030219		0	0.39097E-01	444403.1	3769701.1	270.0	0.00
8.74	2.72	YES					
L0030220		0	0.39097E-01	444421.7	3769698.6	270.0	0.00
8.74	2.72	YES					
L0030221		0	0.39097E-01	444440.3	3769696.0	270.0	0.00
8.74	2.72	YES					
L0030222		0	0.39097E-01	444459.0	3769693.5	270.0	0.00
8.74	2.72	YES					
L0030223		0	0.39097E-01	444477.6	3769691.0	270.0	0.00
8.74	2.72	YES					
L0030224		0	0.39097E-01	444496.2	3769688.4	270.0	0.00
8.74	2.72	YES					
L0030225		0	0.39097E-01	444514.9	3769685.9	270.0	0.00
8.74	2.72	YES					
L0030226		0	0.39097E-01	444533.5	3769683.4	270.0	0.00
8.74	2.72	YES					
L0030227		0	0.39097E-01	444552.1	3769680.9	270.0	0.00
8.74	2.72	YES					
L0030228		0	0.39097E-01	444570.8	3769678.4	270.0	0.00
8.74	2.72	YES					
L0030229		0	0.39097E-01	444589.5	3769676.7	270.0	0.00
8.74	2.72	YES					
L0030230		0	0.39097E-01	444608.2	3769675.0	270.0	0.00
8.74	2.72	YES					

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*** VOLUME SOURCE DATA ***

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L0030231	0	0.39097E-01	444626.9	3769673.4	270.0	0.00	8.74	2.72	YES
L0030232	0	0.39097E-01	444645.7	3769671.7	270.0	0.00	8.74	2.72	YES
L0030233	0	0.39097E-01	444664.4	3769670.0	270.0	0.00	8.74	2.72	YES
L0030234	0	0.39097E-01	444683.1	3769668.3	270.0	0.00	8.74	2.72	YES
L0030235	0	0.39097E-01	444701.8	3769666.7	270.0	0.00	8.74	2.72	YES
L0030236	0	0.39097E-01	444720.6	3769665.0	270.0	0.00	8.74	2.72	YES
L0030237	0	0.39097E-01	444739.3	3769663.3	270.0	0.00	8.74	2.72	YES
L0030238	0	0.39097E-01	444758.0	3769661.9	270.0	0.00	8.74	2.72	YES
L0030239	0	0.39097E-01	444776.8	3769660.5	270.0	0.00	8.74	2.72	YES
L0030240	0	0.39097E-01	444795.5	3769659.2	270.0	0.00	8.74	2.72	YES
L0030241	0	0.39097E-01	444814.3	3769657.8	270.0	0.00	8.74	2.72	YES
L0030242	0	0.39097E-01	444833.0	3769656.5	270.0	0.00	8.74	2.72	YES
L0030243	0	0.39097E-01	444851.8	3769654.8	270.0	0.00	8.74	2.72	YES
L0030244	0	0.39097E-01	444870.4	3769652.5	270.0	0.00	8.74	2.72	YES
L0030245	0	0.39097E-01	444889.1	3769650.1	270.0	0.00	8.74	2.72	YES
L0030246	0	0.39097E-01	444907.7	3769647.7	270.0	0.00	8.74	2.72	YES

L0030247		0	0.39097E-01	444926.3	3769645.3	270.0	0.00
8.74	2.72	YES					
L0030248		0	0.39097E-01	444945.0	3769642.9	270.0	0.00
8.74	2.72	YES					
L0030249		0	0.39097E-01	444963.6	3769640.6	270.0	0.00
8.74	2.72	YES					
L0030250		0	0.39097E-01	444982.3	3769638.2	270.0	0.00
8.74	2.72	YES					
L0030251		0	0.39097E-01	445001.0	3769636.7	270.0	0.00
8.74	2.72	YES					
L0030252		0	0.39097E-01	445019.8	3769635.4	270.0	0.00
8.74	2.72	YES					
L0030253		0	0.39097E-01	445038.5	3769634.2	270.0	0.00
8.74	2.72	YES					
L0030254		0	0.39097E-01	445057.3	3769632.9	270.0	0.00
8.74	2.72	YES					
L0030255		0	0.39097E-01	445076.1	3769631.6	270.0	0.00
8.74	2.72	YES					
L0030256		0	0.39097E-01	445094.8	3769630.4	270.0	0.00
8.74	2.72	YES					
L0030257		0	0.39097E-01	445113.6	3769629.1	270.0	0.00
8.74	2.72	YES					
L0030258		0	0.39097E-01	445132.3	3769627.9	270.0	0.00
8.74	2.72	YES					
L0030259		0	0.39097E-01	445151.1	3769627.4	270.0	0.00
8.74	2.72	YES					
L0030260		0	0.39097E-01	445169.9	3769627.0	270.0	0.00
8.74	2.72	YES					
L0030261		0	0.39097E-01	445188.7	3769626.6	270.0	0.00
8.74	2.72	YES					
L0030262		0	0.39097E-01	445207.5	3769626.2	270.0	0.00
8.74	2.72	YES					
L0030263		0	0.39097E-01	445226.3	3769625.8	270.0	0.00
8.74	2.72	YES					
L0030264		0	0.39097E-01	445245.1	3769625.5	270.0	0.00
8.74	2.72	YES					
L0030265		0	0.39097E-01	445263.9	3769625.4	270.0	0.00
8.74	2.72	YES					
L0030266		0	0.39097E-01	445282.7	3769625.3	270.0	0.00
8.74	2.72	YES					
L0030267		0	0.39097E-01	445301.5	3769625.2	270.0	0.00
8.74	2.72	YES					
L0030268		0	0.39097E-01	445320.3	3769625.0	270.0	0.00
8.74	2.72	YES					
L0030269		0	0.39097E-01	445339.1	3769624.9	270.0	0.00
8.74	2.72	YES					
L0030270		0	0.39097E-01	445357.9	3769624.8	270.0	0.00
8.74	2.72	YES					

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*** VOLUME SOURCE DATA ***

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L0030271	0	0.39097E-01	445376.7	3769624.7	270.0	0.00	8.74	2.72	YES
L0030272	0	0.39097E-01	445395.5	3769624.6	270.0	0.00	8.74	2.72	YES
L0030273	0	0.39097E-01	445414.3	3769624.4	270.0	0.00	8.74	2.72	YES
L0030274	0	0.39097E-01	445433.1	3769624.3	270.0	0.00	8.74	2.72	YES
L0030275	0	0.40068E-02	443697.5	3769892.2	270.0	0.00	4.19	2.38	YES
L0030276	0	0.40068E-02	443705.8	3769888.7	270.0	0.00	4.19	2.38	YES
L0030277	0	0.40068E-02	443714.1	3769885.1	270.0	0.00	4.19	2.38	YES
L0030278	0	0.40068E-02	443722.3	3769881.6	270.0	0.00	4.19	2.38	YES
L0030279	0	0.40068E-02	443730.6	3769878.1	270.0	0.00	4.19	2.38	YES
L0030280	0	0.40068E-02	443738.9	3769874.6	270.0	0.00	4.19	2.38	YES
L0030281	0	0.40068E-02	443747.2	3769871.1	270.0	0.00	4.19	2.38	YES
L0030282	0	0.40068E-02	443755.5	3769867.6	270.0	0.00	4.19	2.38	YES
L0030283	0	0.40068E-02	443763.8	3769864.0	270.0	0.00	4.19	2.38	YES
L0030284	0	0.40068E-02	443772.1	3769860.5	270.0	0.00	4.19	2.38	YES
L0030285	0	0.40068E-02	443780.3	3769857.0	270.0	0.00	4.19	2.38	YES
L0030286	0	0.40068E-02	443788.6	3769853.5	270.0	0.00	4.19	2.38	YES

L0030287		0	0.40068E-02	443796.9	3769850.0	270.0	0.00	
4.19	2.38	YES						
L0030288		0	0.40068E-02	443805.2	3769846.4	270.0	0.00	
4.19	2.38	YES						
L0030289		0	0.40068E-02	443813.5	3769842.9	270.0	0.00	
4.19	2.38	YES						
L0030290		0	0.40068E-02	443821.8	3769839.4	270.0	0.00	
4.19	2.38	YES						
L0030291		0	0.40068E-02	443829.9	3769835.7	270.0	0.00	
4.19	2.38	YES						
L0030292		0	0.40068E-02	443837.8	3769831.3	270.0	0.00	
4.19	2.38	YES						
L0030293		0	0.40068E-02	443845.7	3769827.0	270.0	0.00	
4.19	2.38	YES						
L0030294		0	0.40068E-02	443853.6	3769822.6	270.0	0.00	
4.19	2.38	YES						
L0030295		0	0.40068E-02	443861.5	3769818.3	270.0	0.00	
4.19	2.38	YES						
L0030296		0	0.40068E-02	443869.3	3769813.9	270.0	0.00	
4.19	2.38	YES						
L0030297		0	0.40068E-02	443877.2	3769809.6	270.0	0.00	
4.19	2.38	YES						
L0030298		0	0.40068E-02	443885.1	3769805.2	270.0	0.00	
4.19	2.38	YES						
L0030299		0	0.40068E-02	443893.2	3769801.3	270.0	0.00	
4.19	2.38	YES						
L0030300		0	0.40068E-02	443901.7	3769798.6	270.0	0.00	
4.19	2.38	YES						
L0030301		0	0.40068E-02	443910.3	3769795.8	270.0	0.00	
4.19	2.38	YES						
L0030302		0	0.40068E-02	443918.9	3769793.1	270.0	0.00	
4.19	2.38	YES						
L0030303		0	0.40068E-02	443927.4	3769790.3	270.0	0.00	
4.19	2.38	YES						
L0030304		0	0.40068E-02	443936.0	3769787.6	270.0	0.00	
4.19	2.38	YES						
L0030305		0	0.40068E-02	443944.6	3769784.8	270.0	0.00	
4.19	2.38	YES						
L0030306		0	0.40068E-02	443953.1	3769782.1	270.0	0.00	
4.19	2.38	YES						
L0030307		0	0.40068E-02	443961.7	3769779.3	270.0	0.00	
4.19	2.38	YES						
L0030308		0	0.40068E-02	443970.3	3769776.6	270.0	0.00	
4.19	2.38	YES						
L0030309		0	0.40068E-02	443978.9	3769773.8	270.0	0.00	
4.19	2.38	YES						
L0030310		0	0.40068E-02	443987.4	3769771.1	270.0	0.00	
4.19	2.38	YES						

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*** VOLUME SOURCE DATA ***

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L0030311	0	0.40068E-02	443996.0	3769768.3	270.0	0.00	4.19	2.38	YES
L0030312	0	0.40068E-02	444004.6	3769765.6	270.0	0.00	4.19	2.38	YES
L0030313	0	0.40068E-02	444013.1	3769762.8	270.0	0.00	4.19	2.38	YES
L0030314	0	0.40068E-02	444021.7	3769760.1	270.0	0.00	4.19	2.38	YES
L0030315	0	0.40068E-02	444030.3	3769757.3	270.0	0.00	4.19	2.38	YES
L0030316	0	0.40068E-02	444038.8	3769754.6	270.0	0.00	4.19	2.38	YES
L0030317	0	0.40068E-02	444047.4	3769751.8	270.0	0.00	4.19	2.38	YES
L0030318	0	0.40068E-02	444056.0	3769749.1	270.0	0.00	4.19	2.38	YES
L0030319	0	0.40068E-02	444064.6	3769746.3	270.0	0.00	4.19	2.38	YES
L0030320	0	0.40068E-02	444073.1	3769743.6	270.0	0.00	4.19	2.38	YES
L0030321	0	0.40068E-02	444081.7	3769740.8	270.0	0.00	4.19	2.38	YES
L0030322	0	0.40068E-02	444090.3	3769738.1	270.0	0.00	4.19	2.38	YES
L0030323	0	0.40068E-02	444098.8	3769735.4	270.0	0.00	4.19	2.38	YES
L0030324	0	0.40068E-02	444107.4	3769732.6	270.0	0.00	4.19	2.38	YES
L0030325	0	0.40068E-02	444116.0	3769729.9	270.0	0.00	4.19	2.38	YES
L0030326	0	0.40068E-02	444124.5	3769727.1	270.0	0.00	4.19	2.38	YES

L0030327		0	0.40068E-02	444133.1	3769724.4	270.0	0.00
4.19	2.38	YES					
L0030328		0	0.40068E-02	444141.7	3769721.6	270.0	0.00
4.19	2.38	YES					
L0030329		0	0.40068E-02	444150.3	3769718.9	270.0	0.00
4.19	2.38	YES					
L0030330		0	0.40068E-02	444158.8	3769716.1	270.0	0.00
4.19	2.38	YES					
L0030331		0	0.40068E-02	444167.4	3769713.4	270.0	0.00
4.19	2.38	YES					
L0030332		0	0.40068E-02	444176.0	3769710.6	270.0	0.00
4.19	2.38	YES					
L0030333		0	0.40068E-02	444184.5	3769707.9	270.0	0.00
4.19	2.38	YES					
L0030334		0	0.40068E-02	444193.1	3769705.1	270.0	0.00
4.19	2.38	YES					
L0030335		0	0.40068E-02	444201.7	3769702.5	270.0	0.00
4.19	2.38	YES					
L0030336		0	0.40068E-02	444210.4	3769700.1	270.0	0.00
4.19	2.38	YES					
L0030337		0	0.40068E-02	444219.1	3769697.7	270.0	0.00
4.19	2.38	YES					
L0030338		0	0.40068E-02	444227.7	3769695.2	270.0	0.00
4.19	2.38	YES					
L0030339		0	0.40068E-02	444236.4	3769692.8	270.0	0.00
4.19	2.38	YES					
L0030340		0	0.40068E-02	444245.0	3769690.3	270.0	0.00
4.19	2.38	YES					
L0030341		0	0.40068E-02	444253.7	3769687.9	270.0	0.00
4.19	2.38	YES					
L0030342		0	0.40068E-02	444262.4	3769685.5	270.0	0.00
4.19	2.38	YES					
L0030343		0	0.40068E-02	444271.0	3769683.0	270.0	0.00
4.19	2.38	YES					
L0030344		0	0.40068E-02	444279.7	3769680.6	270.0	0.00
4.19	2.38	YES					
L0030345		0	0.40068E-02	444288.4	3769678.2	270.0	0.00
4.19	2.38	YES					
L0030346		0	0.40068E-02	444297.0	3769675.7	270.0	0.00
4.19	2.38	YES					
L0030347		0	0.40068E-02	444305.7	3769673.3	270.0	0.00
4.19	2.38	YES					
L0030348		0	0.40068E-02	444314.4	3769670.8	270.0	0.00
4.19	2.38	YES					
L0030349		0	0.40068E-02	444323.0	3769668.4	270.0	0.00
4.19	2.38	YES					
L0030350		0	0.40068E-02	444331.7	3769666.0	270.0	0.00
4.19	2.38	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030351	0	0.40068E-02	444340.3	3769663.5	270.0	0.00	4.19	2.38	YES
L0030352	0	0.40068E-02	444349.0	3769661.1	270.0	0.00	4.19	2.38	YES
L0030353	0	0.40068E-02	444357.7	3769658.7	270.0	0.00	4.19	2.38	YES
L0030354	0	0.42500E-02	443438.2	3770102.8	270.0	0.00	4.19	2.38	YES
L0030355	0	0.42500E-02	443445.1	3770097.0	270.0	0.00	4.19	2.38	YES
L0030356	0	0.42500E-02	443451.9	3770091.2	270.0	0.00	4.19	2.38	YES
L0030357	0	0.42500E-02	443458.8	3770085.5	270.0	0.00	4.19	2.38	YES
L0030358	0	0.42500E-02	443465.7	3770079.7	270.0	0.00	4.19	2.38	YES
L0030359	0	0.42500E-02	443472.6	3770073.9	270.0	0.00	4.19	2.38	YES
L0030360	0	0.42500E-02	443479.5	3770068.1	270.0	0.00	4.19	2.38	YES
L0030361	0	0.42500E-02	443486.4	3770062.3	270.0	0.00	4.19	2.38	YES
L0030362	0	0.42500E-02	443493.3	3770056.5	270.0	0.00	4.19	2.38	YES
L0030363	0	0.42500E-02	443500.1	3770050.7	270.0	0.00	4.19	2.38	YES
L0030364	0	0.42500E-02	443507.0	3770044.9	270.0	0.00	4.19	2.38	YES
L0030365	0	0.42500E-02	443513.9	3770039.1	270.0	0.00	4.19	2.38	YES
L0030366	0	0.42500E-02	443520.3	3770032.7	270.0	0.00	4.19	2.38	YES

L0030367		0	0.42500E-02	443526.6	3770026.4	270.0	0.00	
4.19	2.38	YES						
L0030368		0	0.42500E-02	443533.0	3770020.0	270.0	0.00	
4.19	2.38	YES						
L0030369		0	0.42500E-02	443539.4	3770013.6	270.0	0.00	
4.19	2.38	YES						
L0030370		0	0.42500E-02	443545.8	3770007.3	270.0	0.00	
4.19	2.38	YES						
L0030371		0	0.42500E-02	443552.1	3770000.9	270.0	0.00	
4.19	2.38	YES						
L0030372		0	0.42500E-02	443558.5	3769994.6	270.0	0.00	
4.19	2.38	YES						
L0030373		0	0.42500E-02	443564.9	3769988.3	270.0	0.00	
4.19	2.38	YES						
L0030374		0	0.42500E-02	443571.5	3769982.1	270.0	0.00	
4.19	2.38	YES						
L0030375		0	0.42500E-02	443578.0	3769975.9	270.0	0.00	
4.19	2.38	YES						
L0030376		0	0.42500E-02	443584.6	3769969.8	270.0	0.00	
4.19	2.38	YES						
L0030377		0	0.42500E-02	443591.1	3769963.6	270.0	0.00	
4.19	2.38	YES						
L0030378		0	0.42500E-02	443597.6	3769957.4	270.0	0.00	
4.19	2.38	YES						
L0030379		0	0.42500E-02	443604.2	3769951.2	270.0	0.00	
4.19	2.38	YES						
L0030380		0	0.42500E-02	443611.0	3769945.4	270.0	0.00	
4.19	2.38	YES						
L0030381		0	0.42500E-02	443617.9	3769939.5	270.0	0.00	
4.19	2.38	YES						
L0030382		0	0.42500E-02	443624.7	3769933.6	270.0	0.00	
4.19	2.38	YES						
L0030383		0	0.42500E-02	443631.9	3769928.3	270.0	0.00	
4.19	2.38	YES						
L0030384		0	0.42500E-02	443640.0	3769924.4	270.0	0.00	
4.19	2.38	YES						
L0030385		0	0.42500E-02	443648.1	3769920.5	270.0	0.00	
4.19	2.38	YES						
L0030386		0	0.42500E-02	443656.2	3769916.6	270.0	0.00	
4.19	2.38	YES						
L0030387		0	0.42500E-02	443664.3	3769912.7	270.0	0.00	
4.19	2.38	YES						
L0030388		0	0.42500E-02	443672.5	3769908.9	270.0	0.00	
4.19	2.38	YES						
L0030389		0	0.33392E-02	443741.2	3770047.3	270.0	0.00	
4.19	2.38	YES						
L0030390		0	0.33392E-02	443749.9	3770044.8	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030391	0	0.33392E-02	443758.5	3770042.3	270.0	0.00	4.19	2.38	YES
L0030392	0	0.33392E-02	443767.2	3770039.8	270.0	0.00	4.19	2.38	YES
L0030393	0	0.33392E-02	443775.8	3770037.4	270.0	0.00	4.19	2.38	YES
L0030394	0	0.33392E-02	443784.5	3770034.9	270.0	0.00	4.19	2.38	YES
L0030395	0	0.33392E-02	443793.1	3770032.4	270.0	0.00	4.19	2.38	YES
L0030396	0	0.33392E-02	443801.7	3770029.9	270.0	0.00	4.19	2.38	YES
L0030397	0	0.33392E-02	443810.4	3770027.4	270.0	0.00	4.19	2.38	YES
L0030398	0	0.33392E-02	443817.9	3770022.8	270.0	0.00	4.19	2.38	YES
L0030399	0	0.33392E-02	443824.9	3770017.1	270.0	0.00	4.19	2.38	YES
L0030400	0	0.33392E-02	443831.9	3770011.4	270.0	0.00	4.19	2.38	YES
L0030401	0	0.33392E-02	443838.9	3770005.7	270.0	0.00	4.19	2.38	YES
L0030402	0	0.33392E-02	443845.1	3769999.5	270.0	0.00	4.19	2.38	YES
L0030403	0	0.33392E-02	443849.4	3769991.5	270.0	0.00	4.19	2.38	YES
L0030404	0	0.33392E-02	443853.6	3769983.6	270.0	0.00	4.19	2.38	YES
L0030405	0	0.33392E-02	443857.8	3769975.6	270.0	0.00	4.19	2.38	YES
L0030406	0	0.33392E-02	443858.9	3769967.2	270.0	0.00	4.19	2.38	YES

L0030407		0	0.33392E-02	443857.1	3769958.4	270.0	0.00	
4.19	2.38	YES						
L0030408		0	0.33392E-02	443855.4	3769949.6	270.0	0.00	
4.19	2.38	YES						
L0030409		0	0.33392E-02	443850.4	3769942.4	270.0	0.00	
4.19	2.38	YES						
L0030410		0	0.33392E-02	443844.1	3769936.1	270.0	0.00	
4.19	2.38	YES						
L0030411		0	0.33392E-02	443837.7	3769929.7	270.0	0.00	
4.19	2.38	YES						
L0030412		0	0.33392E-02	443829.2	3769927.4	270.0	0.00	
4.19	2.38	YES						
L0030413		0	0.33392E-02	443820.4	3769925.9	270.0	0.00	
4.19	2.38	YES						
L0030414		0	0.33392E-02	443811.7	3769927.7	270.0	0.00	
4.19	2.38	YES						
L0030415		0	0.33392E-02	443803.1	3769930.4	270.0	0.00	
4.19	2.38	YES						
L0030416		0	0.33392E-02	443794.5	3769933.0	270.0	0.00	
4.19	2.38	YES						
L0030417		0	0.33392E-02	443786.1	3769936.2	270.0	0.00	
4.19	2.38	YES						
L0030418		0	0.33392E-02	443778.0	3769940.1	270.0	0.00	
4.19	2.38	YES						
L0030419		0	0.33392E-02	443769.9	3769944.0	270.0	0.00	
4.19	2.38	YES						
L0030420		0	0.33392E-02	443761.8	3769947.9	270.0	0.00	
4.19	2.38	YES						
L0030421		0	0.33392E-02	443753.7	3769951.8	270.0	0.00	
4.19	2.38	YES						
L0030422		0	0.33392E-02	443745.5	3769955.7	270.0	0.00	
4.19	2.38	YES						
L0030423		0	0.33392E-02	443737.4	3769959.6	270.0	0.00	
4.19	2.38	YES						
L0030424		0	0.33392E-02	443729.3	3769963.5	270.0	0.00	
4.19	2.38	YES						
L0030425		0	0.33392E-02	443721.2	3769967.4	270.0	0.00	
4.19	2.38	YES						
L0030426		0	0.33392E-02	443713.1	3769971.3	270.0	0.00	
4.19	2.38	YES						
L0030427		0	0.33392E-02	443705.0	3769975.2	270.0	0.00	
4.19	2.38	YES						
L0030428		0	0.33392E-02	443697.0	3769979.3	270.0	0.00	
4.19	2.38	YES						
L0030429		0	0.33392E-02	443689.4	3769984.1	270.0	0.00	
4.19	2.38	YES						
L0030430		0	0.33392E-02	443681.7	3769988.8	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030431	0	0.33392E-02	443674.1	3769993.6	270.0	0.00	4.19	2.38	YES
L0030432	0	0.33392E-02	443666.5	3769998.4	270.0	0.00	4.19	2.38	YES
L0030433	0	0.33392E-02	443658.9	3770003.2	270.0	0.00	4.19	2.38	YES
L0030434	0	0.33392E-02	443651.2	3770008.0	270.0	0.00	4.19	2.38	YES
L0030435	0	0.33392E-02	443643.6	3770012.8	270.0	0.00	4.19	2.38	YES
L0030436	0	0.33392E-02	443636.0	3770017.5	270.0	0.00	4.19	2.38	YES
L0030437	0	0.33392E-02	443628.4	3770022.3	270.0	0.00	4.19	2.38	YES
L0030438	0	0.33392E-02	443620.7	3770027.1	270.0	0.00	4.19	2.38	YES
L0030439	0	0.33392E-02	443613.1	3770031.9	270.0	0.00	4.19	2.38	YES
L0030440	0	0.33392E-02	443605.5	3770036.7	270.0	0.00	4.19	2.38	YES
L0030441	0	0.34071E-02	443691.2	3770111.8	270.0	0.00	4.19	2.38	YES
L0030442	0	0.34071E-02	443688.5	3770103.2	270.0	0.00	4.19	2.38	YES
L0030443	0	0.34071E-02	443685.8	3770094.6	270.0	0.00	4.19	2.38	YES
L0030444	0	0.34071E-02	443682.8	3770086.1	270.0	0.00	4.19	2.38	YES
L0030445	0	0.34071E-02	443679.7	3770077.7	270.0	0.00	4.19	2.38	YES
L0030446	0	0.34071E-02	443675.3	3770070.0	270.0	0.00	4.19	2.38	YES

L0030447		0	0.34071E-02	443669.0	3770063.6	270.0	0.00
4.19	2.38	YES					
L0030448		0	0.34071E-02	443662.7	3770057.1	270.0	0.00
4.19	2.38	YES					
L0030449		0	0.34071E-02	443654.8	3770053.1	270.0	0.00
4.19	2.38	YES					
L0030450		0	0.34071E-02	443646.5	3770049.6	270.0	0.00
4.19	2.38	YES					
L0030451		0	0.34071E-02	443637.8	3770047.4	270.0	0.00
4.19	2.38	YES					
L0030452		0	0.34071E-02	443629.1	3770045.3	270.0	0.00
4.19	2.38	YES					
L0030453		0	0.34071E-02	443620.2	3770045.3	270.0	0.00
4.19	2.38	YES					
L0030454		0	0.34071E-02	443611.4	3770046.9	270.0	0.00
4.19	2.38	YES					
L0030455		0	0.34071E-02	443602.9	3770049.6	270.0	0.00
4.19	2.38	YES					
L0030456		0	0.34071E-02	443594.9	3770053.7	270.0	0.00
4.19	2.38	YES					
L0030457		0	0.34071E-02	443586.7	3770057.5	270.0	0.00
4.19	2.38	YES					
L0030458		0	0.34071E-02	443578.5	3770061.2	270.0	0.00
4.19	2.38	YES					
L0030459		0	0.34071E-02	443570.7	3770065.6	270.0	0.00
4.19	2.38	YES					
L0030460		0	0.34071E-02	443563.0	3770070.2	270.0	0.00
4.19	2.38	YES					
L0030461		0	0.34071E-02	443555.2	3770074.8	270.0	0.00
4.19	2.38	YES					
L0030462		0	0.34071E-02	443547.5	3770079.4	270.0	0.00
4.19	2.38	YES					
L0030463		0	0.34071E-02	443539.8	3770084.1	270.0	0.00
4.19	2.38	YES					
L0030464		0	0.34071E-02	443532.0	3770088.7	270.0	0.00
4.19	2.38	YES					
L0030465		0	0.34071E-02	443524.3	3770093.3	270.0	0.00
4.19	2.38	YES					
L0030466		0	0.34071E-02	443516.6	3770097.9	270.0	0.00
4.19	2.38	YES					
L0030467		0	0.34071E-02	443508.8	3770102.5	270.0	0.00
4.19	2.38	YES					
L0030468		0	0.34071E-02	443501.1	3770107.1	270.0	0.00
4.19	2.38	YES					
L0030469		0	0.50463E-02	444158.3	3769774.4	270.0	0.00
4.19	2.38	YES					
L0030470		0	0.50463E-02	444150.0	3769777.9	270.0	0.00
4.19	2.38	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030471	0	0.50463E-02	444141.7	3769781.4	270.0	0.00	4.19	2.38	YES
L0030472	0	0.50463E-02	444133.4	3769784.8	270.0	0.00	4.19	2.38	YES
L0030473	0	0.50463E-02	444125.1	3769788.3	270.0	0.00	4.19	2.38	YES
L0030474	0	0.50463E-02	444116.8	3769791.7	270.0	0.00	4.19	2.38	YES
L0030475	0	0.50463E-02	444108.5	3769795.2	270.0	0.00	4.19	2.38	YES
L0030476	0	0.50463E-02	444100.2	3769798.7	270.0	0.00	4.19	2.38	YES
L0030477	0	0.50463E-02	444091.9	3769802.1	270.0	0.00	4.19	2.38	YES
L0030478	0	0.50463E-02	444083.5	3769805.6	270.0	0.00	4.19	2.38	YES
L0030479	0	0.50463E-02	444075.2	3769809.1	270.0	0.00	4.19	2.38	YES
L0030480	0	0.50463E-02	444066.9	3769812.5	270.0	0.00	4.19	2.38	YES
L0030481	0	0.50463E-02	444058.6	3769816.0	270.0	0.00	4.19	2.38	YES
L0030482	0	0.50463E-02	444050.3	3769819.5	270.0	0.00	4.19	2.38	YES
L0030483	0	0.50463E-02	444042.0	3769822.9	270.0	0.00	4.19	2.38	YES
L0030484	0	0.50463E-02	444033.7	3769826.4	270.0	0.00	4.19	2.38	YES
L0030485	0	0.50463E-02	444025.4	3769829.8	270.0	0.00	4.19	2.38	YES
L0030486	0	0.50463E-02	444017.1	3769833.3	270.0	0.00	4.19	2.38	YES

L0030487		0	0.50463E-02	444008.8	3769836.8	270.0	0.00	
4.19	2.38	YES						
L0030488		0	0.50463E-02	444000.5	3769840.2	270.0	0.00	
4.19	2.38	YES						
L0030489		0	0.50463E-02	443992.2	3769843.7	270.0	0.00	
4.19	2.38	YES						
L0030490		0	0.50463E-02	443983.9	3769847.2	270.0	0.00	
4.19	2.38	YES						
L0030491		0	0.50463E-02	443975.6	3769850.6	270.0	0.00	
4.19	2.38	YES						
L0030492		0	0.50463E-02	443967.7	3769854.9	270.0	0.00	
4.19	2.38	YES						
L0030493		0	0.50463E-02	443960.0	3769859.6	270.0	0.00	
4.19	2.38	YES						
L0030494		0	0.50463E-02	443952.3	3769864.3	270.0	0.00	
4.19	2.38	YES						
L0030495		0	0.50463E-02	443944.6	3769868.9	270.0	0.00	
4.19	2.38	YES						
L0030496		0	0.50463E-02	443936.9	3769873.6	270.0	0.00	
4.19	2.38	YES						
L0030497		0	0.50463E-02	443929.2	3769878.3	270.0	0.00	
4.19	2.38	YES						
L0030498		0	0.50463E-02	443921.5	3769882.9	270.0	0.00	
4.19	2.38	YES						
L0030499		0	0.50463E-02	443913.8	3769887.6	270.0	0.00	
4.19	2.38	YES						
L0030500		0	0.50463E-02	443908.9	3769895.1	270.0	0.00	
4.19	2.38	YES						
L0030501		0	0.50463E-02	443904.2	3769902.7	270.0	0.00	
4.19	2.38	YES						
L0030502		0	0.50463E-02	443899.4	3769910.4	270.0	0.00	
4.19	2.38	YES						
L0030503		0	0.50463E-02	443895.8	3769918.6	270.0	0.00	
4.19	2.38	YES						
L0030504		0	0.50463E-02	443892.7	3769927.0	270.0	0.00	
4.19	2.38	YES						
L0030505		0	0.50463E-02	443889.6	3769935.5	270.0	0.00	
4.19	2.38	YES						
L0030506		0	0.50463E-02	443886.5	3769943.9	270.0	0.00	
4.19	2.38	YES						
L0030507		0	0.50463E-02	443883.4	3769952.4	270.0	0.00	
4.19	2.38	YES						
L0030508		0	0.50463E-02	443880.3	3769960.8	270.0	0.00	
4.19	2.38	YES						
L0030509		0	0.50463E-02	443877.2	3769969.2	270.0	0.00	
4.19	2.38	YES						
L0030510		0	0.50463E-02	443874.0	3769977.7	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030511	0	0.50463E-02	443870.9	3769986.1	270.0	0.00	4.19	2.38	YES
L0030512	0	0.50463E-02	443867.7	3769994.5	270.0	0.00	4.19	2.38	YES
L0030513	0	0.50463E-02	443864.6	3770003.0	270.0	0.00	4.19	2.38	YES
L0030514	0	0.50463E-02	443860.2	3770010.8	270.0	0.00	4.19	2.38	YES
L0030515	0	0.50463E-02	443855.8	3770018.7	270.0	0.00	4.19	2.38	YES
L0030516	0	0.50463E-02	443851.5	3770026.6	270.0	0.00	4.19	2.38	YES
L0030517	0	0.50463E-02	443845.3	3770033.0	270.0	0.00	4.19	2.38	YES
L0030518	0	0.50463E-02	443838.7	3770039.2	270.0	0.00	4.19	2.38	YES
L0030519	0	0.50463E-02	443831.8	3770044.8	270.0	0.00	4.19	2.38	YES
L0030520	0	0.50463E-02	443823.4	3770047.9	270.0	0.00	4.19	2.38	YES
L0030521	0	0.50463E-02	443814.9	3770050.9	270.0	0.00	4.19	2.38	YES
L0030522	0	0.50463E-02	443806.4	3770054.0	270.0	0.00	4.19	2.38	YES
L0030523	0	0.50463E-02	443797.8	3770056.6	270.0	0.00	4.19	2.38	YES
L0030524	0	0.50463E-02	443789.1	3770058.7	270.0	0.00	4.19	2.38	YES
L0030525	0	0.50463E-02	443780.3	3770060.8	270.0	0.00	4.19	2.38	YES
L0030526	0	0.50463E-02	443771.6	3770063.0	270.0	0.00	4.19	2.38	YES

L0030527		0	0.50463E-02	443762.7	3770064.6	270.0	0.00	4.19	2.38	YES
L0030528		0	0.50463E-02	443753.8	3770065.6	270.0	0.00	4.19	2.38	YES
L0030529		0	0.50463E-02	443744.9	3770066.7	270.0	0.00	4.19	2.38	YES
L0030530		0	0.50463E-02	443735.9	3770067.7	270.0	0.00	4.19	2.38	YES

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0029991 , L0029992 , L0029993 , L0029994 , L0029995 , L0029996 , L0029997 , L0029998 ,
	L0029999 , L0030000 , L0030001 , L0030002 , L0030003 , L0030004 , L0030005 , L0030006 ,
	L0030007 , L0030008 , L0030009 , L0030010 , L0030011 , L0030012 , L0030013 , L0030014 ,
	L0030015 , L0030016 , L0030017 , L0030018 , L0030019 , L0030020 , L0030021 , L0030022 ,
	L0030023 , L0030024 , L0030025 , L0030026 , L0030027 , L0030028 , L0030029 , L0030030 ,
	L0030031 , L0030032 , L0030033 , L0030034 , L0030035 , L0030036 , L0030037 , L0030038 ,
	L0030039 , L0030040 , L0030041 , L0030042 , L0030043 , L0030044 , L0030045 , L0030046 ,
	L0030047 , L0030048 , L0030049 , L0030050 , L0030051 , L0030052 , L0030053 , L0030054 ,
	L0030055 , L0030056 , L0030057 , L0030058 , L0030059 , L0030060 , L0030061 , L0030062 ,
	L0030063 , L0030064 , L0030065 , L0030066 , L0030067 , L0030068 , L0030069 , L0030070 ,
	L0030071 , L0030072 , L0030073 , L0030074 , L0030075 , L0030076 , L0030077 , L0030078 ,
	L0030079 , L0030080 , L0030081 , L0030082 , L0030083 , L0030084 , L0030085 , L0030086 ,
	L0030087 , L0030088 , L0030089 , L0030090 , L0030091 , L0030092 , L0030093 , L0030094 ,

L0030095 , L0030096 , L0030097 , L0030098 ,
L0030099 , L0030100 , L0030101 , L0030102 ,

L0030103 , L0030104 , L0030105 , L0030106 ,
L0030107 , L0030108 , L0030109 , L0030110 ,

L0030111 , L0030112 , L0030113 , L0030114 ,
L0030115 , L0030116 , L0030117 , L0030118 ,

L0030119 , L0030120 , L0030121 , L0030122 ,
L0030123 , L0030124 , L0030125 , L0030126 ,

L0030127 , L0030128 , L0030129 , L0030130 ,
L0030131 , L0030132 , L0030133 , L0030134 ,

L0030135 , L0030136 , L0030137 , L0030138 ,
L0030139 , L0030140 , L0030141 , L0030142 ,

L0030143 , L0030144 , L0030145 , L0030146 ,
L0030147 , L0030148 , L0030149 , L0030150 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0030151 , L0030152 , L0030153 , L0030154 , L0030155 , L0030156 , L0030157 , L0030158 ,
	L0030159 , L0030160 , L0030161 , L0030162 , L0030163 , L0030164 , L0030165 , L0030166 ,
	L0030167 , L0030168 , L0030169 , L0030170 , L0030171 , L0030172 , L0030173 , L0030174 ,
	L0030175 , L0030176 , L0030177 , L0030178 , L0030179 , L0030180 , L0030181 , L0030182 ,
	L0030183 , L0030184 , L0030185 , L0030186 , L0030187 , L0030188 , L0030189 , L0030190 ,
	L0030191 , L0030192 , L0030193 , L0030194 , L0030195 , L0030196 , L0030197 , L0030198 ,
	L0030199 , L0030200 , L0030201 , L0030202 , L0030203 , L0030204 , L0030205 , L0030206 ,
	L0030207 , L0030208 , L0030209 , L0030210 , L0030211 , L0030212 , L0030213 , L0030214 ,
	L0030215 , L0030216 , L0030217 , L0030218 , L0030219 , L0030220 , L0030221 , L0030222 ,
	L0030223 , L0030224 , L0030225 , L0030226 , L0030227 , L0030228 , L0030229 , L0030230 ,
	L0030231 , L0030232 , L0030233 , L0030234 , L0030235 , L0030236 , L0030237 , L0030238 ,
	L0030239 , L0030240 , L0030241 , L0030242 , L0030243 , L0030244 , L0030245 , L0030246 ,
	L0030247 , L0030248 , L0030249 , L0030250 , L0030251 , L0030252 , L0030253 , L0030254 ,

L0030255 , L0030256 , L0030257 , L0030258 ,
L0030259 , L0030260 , L0030261 , L0030262 ,

L0030263 , L0030264 , L0030265 , L0030266 ,
L0030267 , L0030268 , L0030269 , L0030270 ,

L0030271 , L0030272 , L0030273 , L0030274 ,
L0030275 , L0030276 , L0030277 , L0030278 ,

L0030279 , L0030280 , L0030281 , L0030282 ,
L0030283 , L0030284 , L0030285 , L0030286 ,

L0030287 , L0030288 , L0030289 , L0030290 ,
L0030291 , L0030292 , L0030293 , L0030294 ,

L0030295 , L0030296 , L0030297 , L0030298 ,
L0030299 , L0030300 , L0030301 , L0030302 ,

L0030303 , L0030304 , L0030305 , L0030306 ,
L0030307 , L0030308 , L0030309 , L0030310 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0030311 , L0030312 , L0030313 , L0030314 , L0030315 , L0030316 , L0030317 , L0030318 ,
	L0030319 , L0030320 , L0030321 , L0030322 , L0030323 , L0030324 , L0030325 , L0030326 ,
	L0030327 , L0030328 , L0030329 , L0030330 , L0030331 , L0030332 , L0030333 , L0030334 ,
	L0030335 , L0030336 , L0030337 , L0030338 , L0030339 , L0030340 , L0030341 , L0030342 ,
	L0030343 , L0030344 , L0030345 , L0030346 , L0030347 , L0030348 , L0030349 , L0030350 ,
	L0030351 , L0030352 , L0030353 , L0030354 , L0030355 , L0030356 , L0030357 , L0030358 ,
	L0030359 , L0030360 , L0030361 , L0030362 , L0030363 , L0030364 , L0030365 , L0030366 ,
	L0030367 , L0030368 , L0030369 , L0030370 , L0030371 , L0030372 , L0030373 , L0030374 ,
	L0030375 , L0030376 , L0030377 , L0030378 , L0030379 , L0030380 , L0030381 , L0030382 ,
	L0030383 , L0030384 , L0030385 , L0030386 , L0030387 , L0030388 , L0030389 , L0030390 ,
	L0030391 , L0030392 , L0030393 , L0030394 , L0030395 , L0030396 , L0030397 , L0030398 ,
	L0030399 , L0030400 , L0030401 , L0030402 , L0030403 , L0030404 , L0030405 , L0030406 ,
	L0030407 , L0030408 , L0030409 , L0030410 , L0030411 , L0030412 , L0030413 , L0030414 ,

L0030415 , L0030416 , L0030417 , L0030418 ,
L0030419 , L0030420 , L0030421 , L0030422 ,

L0030423 , L0030424 , L0030425 , L0030426 ,
L0030427 , L0030428 , L0030429 , L0030430 ,

L0030431 , L0030432 , L0030433 , L0030434 ,
L0030435 , L0030436 , L0030437 , L0030438 ,

L0030439 , L0030440 , L0030441 , L0030442 ,
L0030443 , L0030444 , L0030445 , L0030446 ,

L0030447 , L0030448 , L0030449 , L0030450 ,
L0030451 , L0030452 , L0030453 , L0030454 ,

L0030455 , L0030456 , L0030457 , L0030458 ,
L0030459 , L0030460 , L0030461 , L0030462 ,

L0030463 , L0030464 , L0030465 , L0030466 ,
L0030467 , L0030468 , L0030469 , L0030470 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0030471 , L0030472 , L0030473 , L0030474 , L0030475 , L0030476 , L0030477 , L0030478 ,
	L0030479 , L0030480 , L0030481 , L0030482 , L0030483 , L0030484 , L0030485 , L0030486 ,
	L0030487 , L0030488 , L0030489 , L0030490 , L0030491 , L0030492 , L0030493 , L0030494 ,
	L0030495 , L0030496 , L0030497 , L0030498 , L0030499 , L0030500 , L0030501 , L0030502 ,
	L0030503 , L0030504 , L0030505 , L0030506 , L0030507 , L0030508 , L0030509 , L0030510 ,
	L0030511 , L0030512 , L0030513 , L0030514 , L0030515 , L0030516 , L0030517 , L0030518 ,
	L0030519 , L0030520 , L0030521 , L0030522 , L0030523 , L0030524 , L0030525 , L0030526 ,
	L0030527 , L0030528 , L0030529 , L0030530 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2015355.	L0029991 , L0029992 , L0029993 , L0029994 , L0029995 , L0029996 , L0029997 , L0029998 ,
		L0029999 , L0030000 , L0030001 , L0030002 , L0030003 , L0030004 , L0030005 , L0030006 ,
		L0030007 , L0030008 , L0030009 , L0030010 , L0030011 , L0030012 , L0030013 , L0030014 ,
		L0030015 , L0030016 , L0030017 , L0030018 , L0030019 , L0030020 , L0030021 , L0030022 ,
		L0030023 , L0030024 , L0030025 , L0030026 , L0030027 , L0030028 , L0030029 , L0030030 ,
		L0030031 , L0030032 , L0030033 , L0030034 , L0030035 , L0030036 , L0030037 , L0030038 ,
		L0030039 , L0030040 , L0030041 , L0030042 , L0030043 , L0030044 , L0030045 , L0030046 ,
		L0030047 , L0030048 , L0030049 , L0030050 , L0030051 , L0030052 , L0030053 , L0030054 ,
		L0030055 , L0030056 , L0030057 , L0030058 , L0030059 , L0030060 , L0030061 , L0030062 ,
		L0030063 , L0030064 , L0030065 , L0030066 , L0030067 , L0030068 , L0030069 , L0030070 ,
		L0030071 , L0030072 , L0030073 , L0030074 , L0030075 , L0030076 , L0030077 , L0030078 ,
		L0030079 , L0030080 , L0030081 , L0030082 , L0030083 , L0030084 , L0030085 , L0030086 ,

L0030087 , L0030088 , L0030089 , L0030090 ,
L0030091 , L0030092 , L0030093 , L0030094 ,

L0030095 , L0030096 , L0030097 , L0030098 ,
L0030099 , L0030100 , L0030101 , L0030102 ,

L0030103 , L0030104 , L0030105 , L0030106 ,
L0030107 , L0030108 , L0030109 , L0030110 ,

L0030111 , L0030112 , L0030113 , L0030114 ,
L0030115 , L0030116 , L0030117 , L0030118 ,

L0030119 , L0030120 , L0030121 , L0030122 ,
L0030123 , L0030124 , L0030125 , L0030126 ,

L0030127 , L0030128 , L0030129 , L0030130 ,
L0030131 , L0030132 , L0030133 , L0030134 ,

L0030135 , L0030136 , L0030137 , L0030138 ,
L0030139 , L0030140 , L0030141 , L0030142 ,

L0030143 , L0030144 , L0030145 , L0030146 ,
L0030147 , L0030148 , L0030149 , L0030150 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0030151 , L0030152 , L0030153 , L0030154 , L0030155 , L0030156 , L0030157 , L0030158 ,

L0030159 , L0030160 , L0030161 , L0030162 , L0030163 , L0030164 , L0030165 , L0030166 ,

L0030167 , L0030168 , L0030169 , L0030170 , L0030171 , L0030172 , L0030173 , L0030174 ,

L0030175 , L0030176 , L0030177 , L0030178 , L0030179 , L0030180 , L0030181 , L0030182 ,

L0030183 , L0030184 , L0030185 , L0030186 , L0030187 , L0030188 , L0030189 , L0030190 ,

L0030191 , L0030192 , L0030193 , L0030194 , L0030195 , L0030196 , L0030197 , L0030198 ,

L0030199 , L0030200 , L0030201 , L0030202 , L0030203 , L0030204 , L0030205 , L0030206 ,

L0030207 , L0030208 , L0030209 , L0030210 , L0030211 , L0030212 , L0030213 , L0030214 ,

L0030215 , L0030216 , L0030217 , L0030218 , L0030219 , L0030220 , L0030221 , L0030222 ,

L0030223 , L0030224 , L0030225 , L0030226 , L0030227 , L0030228 , L0030229 , L0030230 ,

L0030231 , L0030232 , L0030233 , L0030234 , L0030235 , L0030236 , L0030237 , L0030238 ,

L0030239 , L0030240 , L0030241 , L0030242 , L0030243 , L0030244 , L0030245 , L0030246 ,

L0030247 , L0030248 , L0030249 , L0030250 , L0030251 , L0030252 , L0030253 , L0030254 ,

L0030255 , L0030256 , L0030257 , L0030258 ,
L0030259 , L0030260 , L0030261 , L0030262 ,

L0030263 , L0030264 , L0030265 , L0030266 ,
L0030267 , L0030268 , L0030269 , L0030270 ,

L0030271 , L0030272 , L0030273 , L0030274 ,
L0030275 , L0030276 , L0030277 , L0030278 ,

L0030279 , L0030280 , L0030281 , L0030282 ,
L0030283 , L0030284 , L0030285 , L0030286 ,

L0030287 , L0030288 , L0030289 , L0030290 ,
L0030291 , L0030292 , L0030293 , L0030294 ,

L0030295 , L0030296 , L0030297 , L0030298 ,
L0030299 , L0030300 , L0030301 , L0030302 ,

L0030303 , L0030304 , L0030305 , L0030306 ,
L0030307 , L0030308 , L0030309 , L0030310 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0030311 , L0030312 , L0030313 , L0030314 , L0030315 , L0030316 , L0030317 , L0030318 ,

L0030319 , L0030320 , L0030321 , L0030322 , L0030323 , L0030324 , L0030325 , L0030326 ,

L0030327 , L0030328 , L0030329 , L0030330 , L0030331 , L0030332 , L0030333 , L0030334 ,

L0030335 , L0030336 , L0030337 , L0030338 , L0030339 , L0030340 , L0030341 , L0030342 ,

L0030343 , L0030344 , L0030345 , L0030346 , L0030347 , L0030348 , L0030349 , L0030350 ,

L0030351 , L0030352 , L0030353 , L0030354 , L0030355 , L0030356 , L0030357 , L0030358 ,

L0030359 , L0030360 , L0030361 , L0030362 , L0030363 , L0030364 , L0030365 , L0030366 ,

L0030367 , L0030368 , L0030369 , L0030370 , L0030371 , L0030372 , L0030373 , L0030374 ,

L0030375 , L0030376 , L0030377 , L0030378 , L0030379 , L0030380 , L0030381 , L0030382 ,

L0030383 , L0030384 , L0030385 , L0030386 , L0030387 , L0030388 , L0030389 , L0030390 ,

L0030391 , L0030392 , L0030393 , L0030394 , L0030395 , L0030396 , L0030397 , L0030398 ,

L0030399 , L0030400 , L0030401 , L0030402 , L0030403 , L0030404 , L0030405 , L0030406 ,

L0030407 , L0030408 , L0030409 , L0030410 , L0030411 , L0030412 , L0030413 , L0030414 ,

L0030415 , L0030416 , L0030417 , L0030418 ,
L0030419 , L0030420 , L0030421 , L0030422 ,

L0030423 , L0030424 , L0030425 , L0030426 ,
L0030427 , L0030428 , L0030429 , L0030430 ,

L0030431 , L0030432 , L0030433 , L0030434 ,
L0030435 , L0030436 , L0030437 , L0030438 ,

L0030439 , L0030440 , L0030441 , L0030442 ,
L0030443 , L0030444 , L0030445 , L0030446 ,

L0030447 , L0030448 , L0030449 , L0030450 ,
L0030451 , L0030452 , L0030453 , L0030454 ,

L0030455 , L0030456 , L0030457 , L0030458 ,
L0030459 , L0030460 , L0030461 , L0030462 ,

L0030463 , L0030464 , L0030465 , L0030466 ,
L0030467 , L0030468 , L0030469 , L0030470 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0030471 , L0030472 , L0030473 , L0030474 , L0030475 , L0030476 , L0030477 , L0030478 ,

L0030479 , L0030480 , L0030481 , L0030482 , L0030483 , L0030484 , L0030485 , L0030486 ,

L0030487 , L0030488 , L0030489 , L0030490 , L0030491 , L0030492 , L0030493 , L0030494 ,

L0030495 , L0030496 , L0030497 , L0030498 , L0030499 , L0030500 , L0030501 , L0030502 ,

L0030503 , L0030504 , L0030505 , L0030506 , L0030507 , L0030508 , L0030509 , L0030510 ,

L0030511 , L0030512 , L0030513 , L0030514 , L0030515 , L0030516 , L0030517 , L0030518 ,

L0030519 , L0030520 , L0030521 , L0030522 , L0030523 , L0030524 , L0030525 , L0030526 ,

L0030527 , L0030528 , L0030529 , L0030530 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

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

(444782.0, 3769929.4, 270.0, 270.0, 0.0); (444818.4, 3769929.4, 270.0, 270.0, 0.0);
(444854.8, 3769929.4, 270.0, 270.0, 0.0); (444891.1, 3769929.4, 270.0, 270.0, 0.0);
(444927.5, 3769929.4, 270.0, 270.0, 0.0); (444963.9, 3769929.4, 270.0, 270.0, 0.0);
(445000.3, 3769929.4, 270.0, 270.0, 0.0); (445036.7, 3769929.4, 270.0, 270.0, 0.0);
(445073.1, 3769929.4, 270.0, 270.0, 0.0); (445109.5, 3769929.4, 270.0, 270.0, 0.0);
(445145.9, 3769929.4, 270.0, 270.0, 0.0); (445182.3, 3769929.4, 270.0, 270.0, 0.0);
(444782.0, 3769941.0, 270.0, 270.0, 0.0); (444818.4, 3769941.0, 270.0, 270.0, 0.0);
(444854.8, 3769941.0, 270.0, 270.0, 0.0); (444891.1, 3769941.0, 270.0, 270.0, 0.0);
(444927.5, 3769941.0, 270.0, 270.0, 0.0); (444963.9, 3769941.0, 270.0, 270.0, 0.0);
(445000.3, 3769941.0, 270.0, 270.0, 0.0); (445036.7, 3769941.0, 270.0, 270.0, 0.0);
(445073.1, 3769941.0, 270.0, 270.0, 0.0); (445109.5, 3769941.0, 270.0, 270.0, 0.0);
(445145.9, 3769941.0, 270.0, 270.0, 0.0); (445182.3, 3769941.0, 270.0, 270.0, 0.0);
(444782.0, 3769952.5, 270.0, 270.0, 0.0); (444818.4, 3769952.5, 270.0, 270.0, 0.0);
(444854.8, 3769952.5, 270.0, 270.0, 0.0); (444891.1, 3769952.5, 270.0, 270.0, 0.0);
(444927.5, 3769952.5, 270.0, 270.0, 0.0); (444963.9, 3769952.5, 270.0, 270.0, 0.0);
(445000.3, 3769952.5, 270.0, 270.0, 0.0); (445036.7, 3769952.5, 270.0, 270.0, 0.0);
(445073.1, 3769952.5, 270.0, 270.0, 0.0); (445109.5, 3769952.5, 270.0, 270.0, 0.0);
(445145.9, 3769952.5, 270.0, 270.0, 0.0); (445182.3, 3769952.5, 270.0, 270.0, 0.0);
(444782.0, 3769964.1, 270.0, 270.0, 0.0); (444818.4, 3769964.1, 270.0, 270.0, 0.0);
(444854.8, 3769964.1, 270.0, 270.0, 0.0); (444891.1, 3769964.1, 270.0, 270.0, 0.0);

```
     ( 444927.5, 3769964.1,     270.0,     270.0,       0.0);         (
444963.9, 3769964.1,     270.0,     270.0,       0.0);
     ( 445000.3, 3769964.1,     270.0,     270.0,       0.0);         (
445036.7, 3769964.1,     270.0,     270.0,       0.0);
     ( 445073.1, 3769964.1,     270.0,     270.0,       0.0);         (
445109.5, 3769964.1,     270.0,     270.0,       0.0);
     ( 445145.9, 3769964.1,     270.0,     270.0,       0.0);         (
445182.3, 3769964.1,     270.0,     270.0,       0.0);
     ( 445218.7, 3769964.1,     270.0,     270.0,       0.0);         (
444782.0, 3769975.7,     270.0,     270.0,       0.0);
     ( 444818.4, 3769975.7,     270.0,     270.0,       0.0);         (
444854.8, 3769975.7,     270.0,     270.0,       0.0);
     ( 444891.1, 3769975.7,     270.0,     270.0,       0.0);         (
444927.5, 3769975.7,     270.0,     270.0,       0.0);
     ( 444963.9, 3769975.7,     270.0,     270.0,       0.0);         (
445000.3, 3769975.7,     270.0,     270.0,       0.0);
     ( 445036.7, 3769975.7,     270.0,     270.0,       0.0);         (
445073.1, 3769975.7,     270.0,     270.0,       0.0);
     ( 445109.5, 3769975.7,     270.0,     270.0,       0.0);         (
445145.9, 3769975.7,     270.0,     270.0,       0.0);
     ( 445182.3, 3769975.7,     270.0,     270.0,       0.0);         (
445218.7, 3769975.7,     270.0,     270.0,       0.0);
     ( 444782.0, 3769987.2,     270.0,     270.0,       0.0);         (
444818.4, 3769987.2,     270.0,     270.0,       0.0);
     ( 444854.8, 3769987.2,     270.0,     270.0,       0.0);         (
444891.1, 3769987.2,     270.0,     270.0,       0.0);
     ( 444927.5, 3769987.2,     270.0,     270.0,       0.0);         (
444963.9, 3769987.2,     270.0,     270.0,       0.0);
     ( 445000.3, 3769987.2,     270.0,     270.0,       0.0);         (
445036.7, 3769987.2,     270.0,     270.0,       0.0);
     ( 445073.1, 3769987.2,     270.0,     270.0,       0.0);         (
445109.5, 3769987.2,     270.0,     270.0,       0.0);
     ( 445145.9, 3769987.2,     270.0,     270.0,       0.0);         (
445182.3, 3769987.2,     270.0,     270.0,       0.0);
     ( 445218.7, 3769987.2,     270.0,     270.0,       0.0);         (
444782.0, 3769998.8,     270.0,     270.0,       0.0);
     ( 444818.4, 3769998.8,     270.0,     270.0,       0.0);         (
444854.8, 3769998.8,     270.0,     270.0,       0.0);
     ( 444891.1, 3769998.8,     270.0,     270.0,       0.0);         (
444927.5, 3769998.8,     270.0,     270.0,       0.0);
     ( 444963.9, 3769998.8,     270.0,     270.0,       0.0);         (
445000.3, 3769998.8,     270.0,     270.0,       0.0);
     ( 445036.7, 3769998.8,     270.0,     270.0,       0.0);         (
445073.1, 3769998.8,     270.0,     270.0,       0.0);
     ( 445109.5, 3769998.8,     270.0,     270.0,       0.0);         (
445145.9, 3769998.8,     270.0,     270.0,       0.0);
     ( 445182.3, 3769998.8,     270.0,     270.0,       0.0);         (
445218.7, 3769998.8,     270.0,     270.0,       0.0);
     ( 444782.0, 3770010.4,     270.0,     270.0,       0.0);         (
444818.4, 3770010.4,     270.0,     270.0,       0.0);
```

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

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

(444854.8, 3770010.4, 270.0, 270.0, 0.0); (444891.1, 3770010.4, 270.0, 270.0, 0.0);
(444927.5, 3770010.4, 270.0, 270.0, 0.0); (444963.9, 3770010.4, 270.0, 270.0, 0.0);
(445000.3, 3770010.4, 270.0, 270.0, 0.0); (445036.7, 3770010.4, 270.0, 270.0, 0.0);
(445073.1, 3770010.4, 270.0, 270.0, 0.0); (445109.5, 3770010.4, 270.0, 270.0, 0.0);
(445145.9, 3770010.4, 270.0, 270.0, 0.0); (445182.3, 3770010.4, 270.0, 270.0, 0.0);
(445218.7, 3770010.4, 270.0, 270.0, 0.0); (444782.0, 3770021.9, 270.0, 270.0, 0.0);
(444818.4, 3770021.9, 270.0, 270.0, 0.0); (444854.8, 3770021.9, 270.0, 270.0, 0.0);
(444891.1, 3770021.9, 270.0, 270.0, 0.0); (444927.5, 3770021.9, 270.0, 270.0, 0.0);
(444963.9, 3770021.9, 270.0, 270.0, 0.0); (445000.3, 3770021.9, 270.0, 270.0, 0.0);
(445036.7, 3770021.9, 270.0, 270.0, 0.0); (445073.1, 3770021.9, 270.0, 270.0, 0.0);
(445109.5, 3770021.9, 270.0, 270.0, 0.0); (445145.9, 3770021.9, 270.0, 270.0, 0.0);
(445182.3, 3770021.9, 270.0, 270.0, 0.0); (445218.7, 3770021.9, 270.0, 270.0, 0.0);
(444782.0, 3770033.5, 270.0, 270.0, 0.0); (444818.4, 3770033.5, 270.0, 270.0, 0.0);
(444854.8, 3770033.5, 270.0, 270.0, 0.0); (444891.1, 3770033.5, 270.0, 270.0, 0.0);
(444927.5, 3770033.5, 270.0, 270.0, 0.0); (444963.9, 3770033.5, 270.0, 270.0, 0.0);
(445000.3, 3770033.5, 270.0, 270.0, 0.0); (445036.7, 3770033.5, 270.0, 270.0, 0.0);
(445073.1, 3770033.5, 270.0, 270.0, 0.0); (445109.5, 3770033.5, 270.0, 270.0, 0.0);
(445145.9, 3770033.5, 270.0, 270.0, 0.0); (445182.3, 3770033.5, 270.0, 270.0, 0.0);
(445218.7, 3770033.5, 270.0, 270.0, 0.0); (445249.4, 3770033.5, 270.0, 270.0, 0.0);
(444782.0, 3770045.1, 270.0, 270.0, 0.0); (444818.4, 3770045.1, 270.0, 270.0, 0.0);

```
     ( 444854.8, 3770045.1,     270.0,     270.0,       0.0);         (
444891.1, 3770045.1,     270.0,     270.0,       0.0);
     ( 444927.5, 3770045.1,     270.0,     270.0,       0.0);         (
444963.9, 3770045.1,     270.0,     270.0,       0.0);
     ( 445000.3, 3770045.1,     270.0,     270.0,       0.0);         (
445036.7, 3770045.1,     270.0,     270.0,       0.0);
     ( 445073.1, 3770045.1,     270.0,     270.0,       0.0);         (
445109.5, 3770045.1,     270.0,     270.0,       0.0);
     ( 445145.9, 3770045.1,     270.0,     270.0,       0.0);         (
445182.3, 3770045.1,     270.0,     270.0,       0.0);
     ( 445218.7, 3770045.1,     270.0,     270.0,       0.0);         (
445255.0, 3770045.1,     270.0,     270.0,       0.0);
     ( 444818.4, 3770056.7,     270.0,     270.0,       0.0);         (
444854.8, 3770056.7,     270.0,     270.0,       0.0);
     ( 444891.1, 3770056.7,     270.0,     270.0,       0.0);         (
444927.5, 3770056.7,     270.0,     270.0,       0.0);
     ( 444963.9, 3770056.7,     270.0,     270.0,       0.0);         (
445000.3, 3770056.7,     270.0,     270.0,       0.0);
     ( 445036.7, 3770056.7,     270.0,     270.0,       0.0);         (
445073.1, 3770056.7,     270.0,     270.0,       0.0);
     ( 445109.5, 3770056.7,     270.0,     270.0,       0.0);         (
445145.9, 3770056.7,     270.0,     270.0,       0.0);
     ( 445182.3, 3770056.7,     270.0,     270.0,       0.0);         (
445218.7, 3770056.7,     270.0,     270.0,       0.0);
     ( 445255.0, 3770056.7,     270.0,     270.0,       0.0);         (
444818.4, 3770068.2,     270.0,     270.0,       0.0);
     ( 444854.8, 3770068.2,     270.0,     270.0,       0.0);         (
444891.1, 3770068.2,     270.0,     270.0,       0.0);
     ( 444927.5, 3770068.2,     270.0,     270.0,       0.0);         (
444963.9, 3770068.2,     270.0,     270.0,       0.0);
     ( 445000.3, 3770068.2,     270.0,     270.0,       0.0);         (
445036.7, 3770068.2,     270.0,     270.0,       0.0);
     ( 445073.1, 3770068.2,     270.0,     270.0,       0.0);         (
445109.5, 3770068.2,     270.0,     270.0,       0.0);
     ( 445145.9, 3770068.2,     270.0,     270.0,       0.0);         (
445182.3, 3770068.2,     270.0,     270.0,       0.0);
     ( 445218.7, 3770068.2,     270.0,     270.0,       0.0);         (
445255.0, 3770068.2,     270.0,     270.0,       0.0);
     ( 444818.4, 3770079.8,     270.0,     270.0,       0.0);         (
444854.8, 3770079.8,     270.0,     270.0,       0.0);
     ( 444891.1, 3770079.8,     270.0,     270.0,       0.0);         (
444927.5, 3770079.8,     270.0,     270.0,       0.0);
     ( 444963.9, 3770079.8,     270.0,     270.0,       0.0);         (
445000.3, 3770079.8,     270.0,     270.0,       0.0);
     ( 445036.7, 3770079.8,     270.0,     270.0,       0.0);         (
445073.1, 3770079.8,     270.0,     270.0,       0.0);
     ( 445109.5, 3770079.8,     270.0,     270.0,       0.0);         (
445145.9, 3770079.8,     270.0,     270.0,       0.0);
     ( 445182.3, 3770079.8,     270.0,     270.0,       0.0);         (
445218.7, 3770079.8,     270.0,     270.0,       0.0);
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**MODELOPTs: NonDFAULT CONC FLAT FASTALL

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

(445255.0, 3770079.8, 270.0, 270.0, 0.0); (444818.4, 3770091.4, 270.0, 270.0, 0.0);
(444854.8, 3770091.4, 270.0, 270.0, 0.0); (444891.1, 3770091.4, 270.0, 270.0, 0.0);
(444927.5, 3770091.4, 270.0, 270.0, 0.0); (444963.9, 3770091.4, 270.0, 270.0, 0.0);
(445000.3, 3770091.4, 270.0, 270.0, 0.0); (445036.7, 3770091.4, 270.0, 270.0, 0.0);
(445073.1, 3770091.4, 270.0, 270.0, 0.0); (445109.5, 3770091.4, 270.0, 270.0, 0.0);
(445145.9, 3770091.4, 270.0, 270.0, 0.0); (445182.3, 3770091.4, 270.0, 270.0, 0.0);
(445218.7, 3770091.4, 270.0, 270.0, 0.0); (445255.0, 3770091.4, 270.0, 270.0, 0.0);
(444818.4, 3770102.9, 270.0, 270.0, 0.0); (444854.8, 3770102.9, 270.0, 270.0, 0.0);
(444891.1, 3770102.9, 270.0, 270.0, 0.0); (444927.5, 3770102.9, 270.0, 270.0, 0.0);
(444963.9, 3770102.9, 270.0, 270.0, 0.0); (445000.3, 3770102.9, 270.0, 270.0, 0.0);
(445036.7, 3770102.9, 270.0, 270.0, 0.0); (445073.1, 3770102.9, 270.0, 270.0, 0.0);
(445109.5, 3770102.9, 270.0, 270.0, 0.0); (445145.9, 3770102.9, 270.0, 270.0, 0.0);
(445182.3, 3770102.9, 270.0, 270.0, 0.0); (445218.7, 3770102.9, 270.0, 270.0, 0.0);
(445255.0, 3770102.9, 270.0, 270.0, 0.0); (444818.4, 3770114.5, 270.0, 270.0, 0.0);
(444854.8, 3770114.5, 270.0, 270.0, 0.0); (444891.1, 3770114.5, 270.0, 270.0, 0.0);
(444927.5, 3770114.5, 270.0, 270.0, 0.0); (444963.9, 3770114.5, 270.0, 270.0, 0.0);
(445000.3, 3770112.1, 270.0, 270.0, 0.0); (445036.7, 3770112.1, 270.0, 270.0, 0.0);
(445073.1, 3770111.8, 270.0, 270.0, 0.0); (445109.5, 3770111.3, 270.0, 270.0, 0.0);
(445145.9, 3770110.8, 270.0, 270.0, 0.0); (445182.7, 3770110.3, 270.0, 270.0, 0.0);
(445217.7, 3770109.9, 270.0, 270.0, 0.0); (445271.2, 3770103.0, 270.0, 270.0, 0.0);

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

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

Surface file: poma6.SFC
Met Version: 12345
Profile file: poma6.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3190 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2005 Year: 2005

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
05	01	01	1	01	-0.6	0.027	-9.000	-9.000	-999.	10.	3.1	0.47	1.00	1.00	0.40	61.	9.1	277.4	5.5
05	01	01	1	02	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	41.	9.1	278.5	5.5
05	01	01	1	03	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	41.	9.1	278.5	5.5
05	01	01	1	04	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	29.	9.1	278.4	5.5
05	01	01	1	05	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	28.	9.1	278.2	5.5
05	01	01	1	06	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	30.	9.1	278.9	5.5
05	01	01	1	07	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	25.	9.1	278.9	5.5
05	01	01	1	08	-0.5	0.027	-9.000	-9.000	-999.	10.	3.4	0.47	1.00	0.54	0.40	35.	9.1	279.6	5.5
05	01	01	1	09	28.5	0.099	0.384	0.005	70.	72.	-3.0	0.47	1.00	0.31	0.40	173.	9.1	281.2	5.5
05	01	01	1	10	80.8	0.238	1.217	0.005	782.	267.	-14.5	0.47	1.00	0.24	1.30	173.	9.1	283.4	5.5
05	01	01	1	11	119.2	0.249	1.518	0.007	1028.	285.	-11.3	0.47	1.00	0.21	1.30	196.	9.1	285.2	5.5
05	01	01	1	12	120.4	0.249	1.615	0.009	1225.	286.	-11.2	0.47	1.00	0.20	1.30	212.	9.1	286.1	5.5
05	01	01	1	13	120.9	0.249	1.629	0.009	1252.	286.	-11.2	0.47	1.00	0.20	1.30	237.	9.1	286.1	5.5

```
 05 01 01   1 14   65.0  0.293  1.329  0.009 1266.  364.    -33.8  0.47
1.00   0.22    1.80  266.    9.1  285.9    5.5
 05 01 01   1 15   28.3  0.274  1.009  0.009 1272.  330.    -63.7  0.47
1.00   0.25    1.80  262.    9.1  285.6    5.5
 05 01 01   1 16    2.8  0.248  0.466  0.009 1273.  285.   -483.7  0.47
1.00   0.34    1.80  266.    9.1  285.0    5.5
 05 01 01   1 17   -4.7  0.088 -9.000 -9.000 -999.   84.     12.7  0.47
1.00   0.61    1.30  280.    9.1  284.4    5.5
 05 01 01   1 18   -2.8  0.061 -9.000 -9.000 -999.   35.      7.0  0.47
1.00   1.00    0.90  261.    9.1  283.9    5.5
 05 01 01   1 19   -0.6  0.027 -9.000 -9.000 -999.   10.      3.1  0.47
1.00   1.00    0.40  293.    9.1  283.1    5.5
 05 01 01   1 20   -0.2  0.019 -9.000 -9.000 -999.    6.      2.6  0.47
1.00   1.00    0.28  313.    9.1  282.4    5.5
 05 01 01   1 21   -0.2  0.019 -9.000 -9.000 -999.    6.      2.6  0.47
1.00   1.00    0.28  325.    9.1  281.5    5.5
 05 01 01   1 22   -0.2  0.019 -9.000 -9.000 -999.    6.      3.0  0.47
1.00   1.00    0.28  323.    9.1  280.0    5.5
 05 01 01   1 23   -0.2  0.019 -9.000 -9.000 -999.    6.      3.0  0.47
1.00   1.00    0.28  351.    9.1  279.4    5.5
 05 01 01   1 24   -0.4  0.027 -9.000 -9.000 -999.   10.      4.2  0.47
1.00   1.00    0.40   50.    9.1  279.0    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 05 01 01 01    5.5 0 -999.  -99.00   277.4   99.0  -99.00  -99.00
 05 01 01 01    9.1 1   61.    0.40  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
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**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0029991 , L0029992 , L0029993 , L0029994 , L0029995 ,
L0029996 , L0029997 , L0029998 , L0029999 , L0030000 , L0030001 , L0030002 , L0030003 ,
L0030004 , L0030005 , L0030006 , L0030007 , L0030008 , L0030009 , L0030010 , L0030011 ,
L0030012 , L0030013 , L0030014 , L0030015 , L0030016 , L0030017 , L0030018 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
444781.98	3769929.39	257.73027	(09093001)	444818.37	3769929.39	253.98065	(09093001)
444854.76	3769929.39	249.58765	(09093001)	444891.15	3769929.39	246.40446	(09112617)
444927.54	3769929.39	242.64790	(09112617)	444963.93	3769929.39	237.45515	(09112617)
445000.32	3769929.39	230.87005	(07082905)	445036.71	3769929.39	224.18240	(09101421)
445073.10	3769929.39	215.96083	(09091404)	445109.49	3769929.39	206.56060	(09091104)
445145.88	3769929.39	203.40341	(09122116)	445182.27	3769929.39	202.64449	(09122116)
444781.98	3769940.96	250.46207	(09093001)	444818.37	3769940.96	246.38777	(09093001)
444854.76	3769940.96	242.66510	(09112617)	444891.15	3769940.96	239.35893	(09112617)
444927.54	3769940.96	235.03726	(09112617)	444963.93	3769940.96	229.22622	(09112617)
445000.32	3769940.96	222.50210	(09101421)	445036.71	3769940.96	215.86258	(09101421)
445073.10	3769940.96	207.57581	(09091104)	445109.49	3769940.96	197.98450	(09091104)
445145.88	3769940.96	194.76892	(09122116)	445182.27	3769940.96	193.96139	(09122116)

444781.98 3769952.53 243.39903 (09093001)
444818.37 3769952.53 239.21703 (09112617)
444854.76 3769952.53 236.13745 (09112617)
444891.15 3769952.53 232.42740 (09112617)
444927.54 3769952.53 227.53319 (09112617)
444963.93 3769952.53 221.43563 (07082905)
445000.32 3769952.53 215.00147 (09101421)
445036.71 3769952.53 207.79732 (09101421)
445073.10 3769952.53 199.52699 (09091104)
445109.49 3769952.53 189.92364 (09091104)
445145.88 3769952.53 185.99941 (09122116)
445182.27 3769952.53 185.19925 (09122116)
444781.98 3769964.10 236.48733 (09093001)
444818.37 3769964.10 233.08518 (09112617)
444854.76 3769964.10 229.75784 (09112617)
444891.15 3769964.10 225.57381 (09112617)
444927.54 3769964.10 220.17012 (09112617)
444963.93 3769964.10 213.87504 (07082905)
445000.32 3769964.10 207.61720 (09101421)
445036.71 3769964.10 200.09695 (09091404)
445073.10 3769964.10 191.84018 (09091104)
445109.49 3769964.10 182.65360 (07031118)
445145.88 3769964.10 177.38793 (09122116)
445182.27 3769964.10 176.56901 (09122116)
445218.66 3769964.10 175.89335 (09122116)
444781.98 3769975.67 230.26813 (09112617)
444818.37 3769975.67 227.13898 (09112617)
444854.76 3769975.67 223.46173 (09112617)
444891.15 3769975.67 218.80330 (09112617)
444927.54 3769975.67 213.05523 (07082905)
444963.93 3769975.67 206.72889 (09101421)
445000.32 3769975.67 200.40948 (09101421)
445036.71 3769975.67 192.89498 (09091104)
445073.10 3769975.67 184.54028 (09091104)
445109.49 3769975.67 176.65712 (07031118)
445145.88 3769975.67 168.83999 (09122116)
445182.27 3769975.67 168.04109 (09122116)
445218.66 3769975.67 167.37899 (09122116)
444781.98 3769987.24 224.65502 (09112617)
444818.37 3769987.24 221.30102 (09112617)
444854.76 3769987.24 217.22461 (09112617)
444891.15 3769987.24 212.14292 (09112617)
444927.54 3769987.24 206.22959 (07082905)
444963.93 3769987.24 200.10860 (09101421)
445000.32 3769987.24 193.42845 (09101421)
445036.71 3769987.24 185.97907 (09091104)
445073.10 3769987.24 177.63392 (09091104)
445109.49 3769987.24 170.72932 (07031118)
445145.88 3769987.24 162.36826 (07031118)
445182.27 3769987.24 159.77764 (09122116)
445218.66 3769987.24 159.07479 (09122116)
444781.98 3769998.81 219.18039 (09112617)
444818.37 3769998.81 215.52400 (09112617)
444854.76 3769998.81 211.05207 (09112617)

444891.15 3769998.81 205.62599 (09112617)
444927.54 3769998.81 199.58956 (07082905)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0029991 , L0029992 , L0029993 , L0029994 , L0029995 , L0029996 , L0029997 , L0029998 , L0029999 , L0030000 , L0030001 , L0030002 , L0030003 , L0030004 , L0030005 , L0030006 , L0030007 , L0030008 , L0030009 , L0030010 , L0030011 , L0030012 , L0030013 , L0030014 , L0030015 , L0030016 , L0030017 , L0030018 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
444963.93	3769998.81	193.61232	(09101421)	445000.32	3769998.81	186.70948	(09101421)
445036.71	3769998.81	179.35160	(09091104)	445073.10	3769998.81	171.11510	(09091104)
445109.49	3769998.81	164.92949	(07031118)	445145.88	3769998.81	156.40789	(07031118)
445182.27	3769998.81	151.75578	(09122116)	445218.66	3769998.81	150.95067	(09122116)
444781.98	3770010.38	213.78457	(09112617)	444818.37	3770010.38	209.79130	(09112617)
444854.76	3770010.38	204.96588	(09112617)	444891.15	3770010.38	199.32570	(07082905)
444927.54	3770010.38	193.24151	(09101421)	444963.93	3770010.38	187.28251	(09101421)
445000.32	3770010.38	180.40811	(09091104)	445036.71	3770010.38	173.02882	(09091104)
445073.10	3770010.38	165.88423	(07031118)	445109.49	3770010.38	159.30542	(07031118)
445145.88	3770010.38	150.77062	(07031118)	445182.27	3770010.38	144.13262	(09121617)
445218.66	3770010.38	143.08766	(09122116)	444781.98	3770021.95	208.43286	(09112617)
444818.37	3770021.95	204.10869	(09112617)	444854.76	3770021.95	198.99291	(09112617)

444891.15 3770021.95 193.24777 (07082905)
444927.54 3770021.95 187.33912 (09101421)
444963.93 3770021.95 181.15215 (09101421)
445000.32 3770021.95 174.37197 (09091104)
445036.71 3770021.95 167.01537 (09091104)
445073.10 3770021.95 160.82316 (07031118)
445109.49 3770021.95 153.89030 (07031118)
445145.88 3770021.95 146.06898 (09072905)
445182.27 3770021.95 139.93184 (09121617)
445218.66 3770021.95 135.41832 (09122116)
444781.98 3770033.52 203.11419 (09112617)
444818.37 3770033.52 198.49417 (09112617)
444854.76 3770033.52 193.15839 (09112617)
444891.15 3770033.52 187.34068 (07082905)
444927.54 3770033.52 181.56057 (09101421)
444963.93 3770033.52 175.24373 (09101421)
445000.32 3770033.52 168.57065 (09091104)
445036.71 3770033.52 161.30759 (09091104)
445073.10 3770033.52 155.84214 (07031118)
445109.49 3770033.52 148.70396 (07031118)
445145.88 3770033.52 141.58164 (09072905)
445182.27 3770033.52 135.79760 (09121617)
445218.66 3770033.52 130.86117 (09072324)
445249.38 3770033.52 126.74631 (09102418)
444781.98 3770045.09 197.83448 (09112617)
444818.37 3770045.09 192.96998 (09112617)
444854.76 3770045.09 187.48272 (09112617)
444891.15 3770045.09 181.62286 (07082905)
444927.54 3770045.09 175.93535 (09101421)
444963.93 3770045.09 169.60717 (09091104)
445000.32 3770045.09 163.01517 (09091104)
445036.71 3770045.09 156.48398 (07031118)
445073.10 3770045.09 150.97834 (07031118)
445109.49 3770045.09 143.75555 (07031118)
445145.88 3770045.09 137.21338 (09072905)
445182.27 3770045.09 131.94729 (09091423)
445218.66 3770045.09 127.70930 (09102418)
445255.05 3770045.09 122.79687 (09091920)
444818.37 3770056.66 187.55751 (09112617)
444854.76 3770056.66 181.98058 (09112617)
444891.15 3770056.66 176.22019 (09101421)
444927.54 3770056.66 170.48543 (09101421)
444963.93 3770056.66 164.26989 (09091104)
445000.32 3770056.66 157.70885 (09091104)
445036.71 3770056.66 152.09899 (07031118)
445073.10 3770056.66 146.26031 (07031118)
445109.49 3770056.66 139.04637 (07031118)
445145.88 3770056.66 133.38442 (09121617)
445182.27 3770056.66 128.37786 (09091423)
445218.66 3770056.66 124.60231 (09102418)
445255.05 3770056.66 120.07279 (09091920)
444818.37 3770068.23 182.27476 (09112617)
444854.76 3770068.23 176.66127 (09112617)
444891.15 3770068.23 171.02988 (09101421)

444927.54 3770068.23 165.22544 (09101421)
444963.93 3770068.23 159.12751 (09091104)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0029991 , L0029992 , L0029993 , L0029994 , L0029995 , L0029996 , L0029997 , L0029998 , L0029999 , L0030000 , L0030001 , L0030002 , L0030003 , L0030004 , L0030005 , L0030006 , L0030007 , L0030008 , L0030009 , L0030010 , L0030011 , L0030012 , L0030013 , L0030014 , L0030015 , L0030016 , L0030017 , L0030018 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
445000.32	3770068.23	152.64938	(09091104)	445036.71	3770068.23	147.76526	(07031118)
445073.10	3770068.23	141.70760	(07031118)	445109.49	3770068.23	135.16195	(09072905)
445145.88	3770068.23	129.96846	(09121617)	445182.27	3770068.23	125.02343	(09072324)
445218.66	3770068.23	121.52773	(09102418)	445255.05	3770068.23	117.38524	(09091920)
444818.37	3770079.80	177.13549	(09112617)	444854.76	3770079.80	171.52944	(09112617)
444891.15	3770079.80	165.97944	(09101421)	444927.54	3770079.80	160.16363	(09101421)
444963.93	3770079.80	154.18773	(09091104)	445000.32	3770079.80	148.19523	(07031118)
445036.71	3770079.80	143.51126	(07031118)	445073.10	3770079.80	137.33191	(07031118)
445109.49	3770079.80	131.41380	(09072905)	445145.88	3770079.80	126.58166	(09121617)
445182.27	3770079.80	122.15878	(09072324)	445218.66	3770079.80	118.49976	(09102418)
445255.05	3770079.80	114.73708	(09091920)	444818.37	3770091.37	172.14923	(09112617)
444854.76	3770091.37	166.58614	(09112617)	444891.15	3770091.37	161.08376	(09101421)

444927.54 3770091.37 155.36031 (09091104)
444963.93 3770091.37 149.45295 (09091104)
445000.32 3770091.37 144.34767 (07031118)
445036.71 3770091.37 139.36061 (07031118)
445073.10 3770091.37 133.13866 (07031118)
445109.49 3770091.37 127.74634 (09072905)
445145.88 3770091.37 123.24505 (09121617)
445182.27 3770091.37 119.30862 (09072324)
445218.66 3770091.37 115.53205 (09102418)
445255.05 3770091.37 112.13418 (09091920)
444818.37 3770102.94 167.32174 (09112617)
444854.76 3770102.94 161.82963 (09112617)
444891.15 3770102.94 156.35252 (09101421)
444927.54 3770102.94 150.75389 (09091104)
444963.93 3770102.94 145.02131 (09112617)
445000.32 3770102.94 140.53385 (07031118)
445036.71 3770102.94 135.33103 (07031118)
445073.10 3770102.94 129.13651 (09072905)
445109.49 3770102.94 124.32647 (06010418)
445145.88 3770102.94 120.14368 (09091423)
445182.27 3770102.94 116.55943 (09102418)
445218.66 3770102.94 112.68824 (09072605)
445255.05 3770102.94 109.58328 (09091920)
444818.37 3770114.51 162.65573 (09112617)
444854.76 3770114.51 157.25622 (09112617)
444891.15 3770114.51 151.79316 (09112617)
444927.54 3770114.51 146.33796 (09112617)
444963.93 3770114.51 140.94897 (09112617)
445000.32 3770112.15 137.53658 (07031118)
445036.71 3770112.15 132.21815 (07031118)
445073.10 3770111.76 126.67130 (09072905)
445109.49 3770111.28 122.18016 (09121617)
445145.88 3770110.81 118.17372 (09091423)
445182.73 3770110.35 114.96249 (09102418)
445217.74 3770109.89 111.25305 (09072605)
445271.22 3770102.96 108.13919 (09092420)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0029991 , L0029992 , L0029993 , L0029994 , L0029995 , L0029996 , L0029997 , L0029998 , L0029999 , L0030000 , L0030001 , L0030002 , L0030003 , L0030004 , L0030005 , L0030006 , L0030007 , L0030008 , L0030009 , L0030010 , L0030011 , L0030012 , L0030013 , L0030014 , L0030015 , L0030016 , L0030017 , L0030018 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
444781.98	3769929.39	154.52800	(06101008)	444818.37	3769929.39	152.51477	(06101008)
444854.76	3769929.39	150.64094	(06101008)	444891.15	3769929.39	148.85714	(06101008)
444927.54	3769929.39	147.16313	(06101008)	444963.93	3769929.39	145.74846	(07010424)
445000.32	3769929.39	144.43229	(07010424)	445036.71	3769929.39	143.24787	(07010424)
445073.10	3769929.39	142.22669	(07010424)	445109.49	3769929.39	141.31113	(07010424)
445145.88	3769929.39	140.49327	(07010424)	445182.27	3769929.39	139.78392	(07010424)
444781.98	3769940.96	150.01748	(06101008)	444818.37	3769940.96	148.10002	(06101008)
444854.76	3769940.96	146.31065	(06101008)	444891.15	3769940.96	144.60450	(06101008)
444927.54	3769940.96	143.01544	(07010424)	444963.93	3769940.96	141.68209	(07010424)
445000.32	3769940.96	140.43089	(07010424)	445036.71	3769940.96	139.30477	(07010424)
445073.10	3769940.96	138.32664	(07010424)	445109.49	3769940.96	137.45862	(07010424)
445145.88	3769940.96	136.68684	(07010424)	445182.27	3769940.96	136.01106	(07010424)

444781.98 3769952.53 145.79400 (06101008)
444818.37 3769952.53 143.96549 (06101008)
444854.76 3769952.53 142.24941 (06101008)
444891.15 3769952.53 140.59939 (06101008)
444927.54 3769952.53 139.13694 (07010424)
444963.93 3769952.53 137.86139 (07010424)
445000.32 3769952.53 136.66773 (07010424)
445036.71 3769952.53 135.59498 (07010424)
445073.10 3769952.53 134.66337 (07010424)
445109.49 3769952.53 133.83999 (07010424)
445145.88 3769952.53 133.10205 (07010424)
445182.27 3769952.53 132.45670 (07010424)
444781.98 3769964.10 141.82130 (06101008)
444818.37 3769964.10 140.06821 (06101008)
444854.76 3769964.10 138.41275 (06101008)
444891.15 3769964.10 136.79902 (06101008)
444927.54 3769964.10 135.48706 (07010424)
444963.93 3769964.10 134.27005 (07010424)
445000.32 3769964.10 133.13231 (07010424)
445036.71 3769964.10 132.10488 (07010424)
445073.10 3769964.10 131.20776 (07010424)
445109.49 3769964.10 130.42421 (07010424)
445145.88 3769964.10 129.72392 (07010424)
445182.27 3769964.10 129.10489 (07010424)
445218.66 3769964.10 128.52711 (07010424)
444781.98 3769975.67 138.07705 (06101008)
444818.37 3769975.67 136.39122 (06101008)
444854.76 3769975.67 134.78512 (06101008)
444891.15 3769975.67 133.29435 (07010424)
444927.54 3769975.67 132.04756 (07010424)
444963.93 3769975.67 130.87949 (07010424)
445000.32 3769975.67 129.79062 (07010424)
445036.71 3769975.67 128.80912 (07010424)
445073.10 3769975.67 127.94954 (07010424)
445109.49 3769975.67 127.19681 (07010424)
445145.88 3769975.67 126.52773 (07010424)
445182.27 3769975.67 125.93681 (07010424)
445218.66 3769975.67 125.32412 (07010424)
444781.98 3769987.24 134.53736 (06101008)
444818.37 3769987.24 132.91117 (06101008)
444854.76 3769987.24 131.33499 (06101008)
444891.15 3769987.24 129.99208 (07010424)
444927.54 3769987.24 128.79725 (07010424)
444963.93 3769987.24 127.67554 (07010424)
445000.32 3769987.24 126.63566 (07010424)
445036.71 3769987.24 125.69800 (07010424)
445073.10 3769987.24 124.86311 (07010424)
445109.49 3769987.24 124.13931 (07010424)
445145.88 3769987.24 123.49902 (07010424)
445182.27 3769987.24 122.93407 (07010424)
445218.66 3769987.24 122.25910 (07010424)
444781.98 3769998.81 131.18227 (06101008)
444818.37 3769998.81 129.59926 (06101008)
444854.76 3769998.81 128.11089 (07010424)

444891.15 3769998.81 126.86937 (07010424)
444927.54 3769998.81 125.71923 (07010424)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0029991 , L0029992 , L0029993 , L0029994 , L0029995 , L0029996 , L0029997 , L0029998 , L0029999 , L0030000 , L0030001 , L0030002 , L0030003 , L0030004 , L0030005 , L0030006 , L0030007 , L0030008 , L0030009 , L0030010 , L0030011 , L0030012 , L0030013 , L0030014 , L0030015 , L0030016 , L0030017 , L0030018 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
444963.93	3769998.81	124.63926	(07010424)	445000.32	3769998.81	123.64415	(07010424)
445036.71	3769998.81	122.73985	(07010424)	445073.10	3769998.81	121.93936	(07010424)
445109.49	3769998.81	121.24652	(07010424)	445145.88	3769998.81	120.63472	(07010424)
445182.27	3769998.81	120.08652	(07010424)	445218.66	3769998.81	119.30632	(07010424)
444781.98	3770010.38	127.99481	(06101008)	444818.37	3770010.38	126.44046	(06101008)
444854.76	3770010.38	125.10435	(07010424)	444891.15	3770010.38	123.90665	(07010424)
444927.54	3770010.38	122.79832	(07010424)	444963.93	3770010.38	121.75893	(07010424)
445000.32	3770010.38	120.80453	(07010424)	445036.71	3770010.38	119.93976	(07010424)
445073.10	3770010.38	119.16629	(07010424)	445109.49	3770010.38	118.49665	(07010424)
445145.88	3770010.38	117.90851	(07010424)	445182.27	3770010.38	117.36930	(07010424)
445218.66	3770010.38	116.45668	(07010424)	444781.98	3770021.95	124.95862	(07010424)
444818.37	3770021.95	123.53670	(07010424)	444854.76	3770021.95	122.24812	(07010424)

444891.15 3770021.95 121.09355 (07010424)
444927.54 3770021.95 120.02266 (07010424)
444963.93 3770021.95 119.02315 (07010424)
445000.32 3770021.95 118.10556 (07010424)
445036.71 3770021.95 117.27408 (07010424)
445073.10 3770021.95 116.52926 (07010424)
445109.49 3770021.95 115.88394 (07010424)
445145.88 3770021.95 115.31792 (07010424)
445182.27 3770021.95 114.77100 (07010424)
445218.66 3770021.95 113.69338 (07010424)
444781.98 3770033.52 122.15267 (07010424)
444818.37 3770033.52 120.77952 (07010424)
444854.76 3770033.52 119.53854 (07010424)
444891.15 3770033.52 118.42024 (07010424)
444927.54 3770033.52 117.38494 (07010424)
444963.93 3770033.52 116.42059 (07010424)
445000.32 3770033.52 115.53838 (07010424)
445036.71 3770033.52 114.73687 (07010424)
445073.10 3770033.52 114.02075 (07010424)
445109.49 3770033.52 113.39355 (07010424)
445145.88 3770033.52 112.84717 (07010424)
445182.27 3770033.52 112.27425 (07010424)
445218.66 3770033.52 111.01409 (07010424)
445249.38 3770033.52 108.76936 (07010424)
444781.98 3770045.09 119.48416 (07010424)
444818.37 3770045.09 118.15387 (07010424)
444854.76 3770045.09 116.95414 (07010424)
444891.15 3770045.09 115.87111 (07010424)
444927.54 3770045.09 114.87032 (07010424)
444963.93 3770045.09 113.94278 (07010424)
445000.32 3770045.09 113.09279 (07010424)
445036.71 3770045.09 112.31824 (07010424)
445073.10 3770045.09 111.62498 (07010424)
445109.49 3770045.09 111.01895 (07010424)
445145.88 3770045.09 110.48692 (07010424)
445182.27 3770045.09 109.87211 (07010424)
445218.66 3770045.09 108.42105 (07010424)
445255.05 3770045.09 105.58772 (07010424)
444818.37 3770056.66 115.65327 (07010424)
444854.76 3770056.66 114.49319 (07010424)
444891.15 3770056.66 113.44162 (07010424)
444927.54 3770056.66 112.47119 (07010424)
444963.93 3770056.66 111.57526 (07010424)
445000.32 3770056.66 110.75294 (07010424)
445036.71 3770056.66 110.00713 (07010424)
445073.10 3770056.66 109.34025 (07010424)
445109.49 3770056.66 108.75371 (07010424)
445145.88 3770056.66 108.23250 (07010424)
445182.27 3770056.66 107.54950 (07010424)
445218.66 3770056.66 105.91285 (07010424)
445255.05 3770056.66 103.04300 (07010424)
444818.37 3770068.23 113.26749 (07010424)
444854.76 3770068.23 112.14480 (07010424)
444891.15 3770068.23 111.12090 (07010424)

444927.54 3770068.23 110.17763 (07010424)
444963.93 3770068.23 109.31203 (07010424)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0029991 , L0029992 , L0029993 , L0029994 , L0029995 , L0029996 , L0029997 , L0029998 , L0029999 , L0030000 , L0030001 , L0030002 , L0030003 , L0030004 , L0030005 , L0030006 , L0030007 , L0030008 , L0030009 , L0030010 , L0030011 , L0030012 , L0030013 , L0030014 , L0030015 , L0030016 , L0030017 , L0030018 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
445000.32	3770068.23	108.52103	(07010424)	445036.71	3770068.23	107.79996	(07010424)
445073.10	3770068.23	107.15473	(07010424)	445109.49	3770068.23	106.58690	(07010424)
445145.88	3770068.23	106.06689	(07010424)	445182.27	3770068.23	105.29483	(07010424)
445218.66	3770068.23	103.49355	(07010424)	445255.05	3770068.23	100.61623	(07010424)
444818.37	3770079.80	110.98203	(07010424)	444854.76	3770079.80	109.89378	(07010424)
444891.15	3770079.80	108.90275	(07010424)	444927.54	3770079.80	107.98794	(07010424)
444963.93	3770079.80	107.15124	(07010424)	445000.32	3770079.80	106.38510	(07010424)
445036.71	3770079.80	105.68464	(07010424)	445073.10	3770079.80	105.06127	(07010424)
445109.49	3770079.80	104.51148	(07010424)	445145.88	3770079.80	103.98420	(07010424)
445182.27	3770079.80	103.10271	(07010424)	445218.66	3770079.80	101.16034	(07010424)
445255.05	3770079.80	98.30022	(07010424)	444818.37	3770091.37	108.79978	(07010424)
444854.76	3770091.37	107.74587	(07010424)	444891.15	3770091.37	106.78058	(07010424)

444927.54 3770091.37 105.89268 (07010424)
444963.93 3770091.37 105.08044 (07010424)
445000.32 3770091.37 104.33963 (07010424)
445036.71 3770091.37 103.66435 (07010424)
445073.10 3770091.37 103.06065 (07010424)
445109.49 3770091.37 102.52415 (07010424)
445145.88 3770091.37 101.97389 (07010424)
445182.27 3770091.37 100.96730 (07010424)
445218.66 3770091.37 98.91284 (07010424)
445255.05 3770091.37 96.08974 (07010424)
444818.37 3770102.94 106.70672 (07010424)
444854.76 3770102.94 105.68174 (07010424)
444891.15 3770102.94 104.74437 (07010424)
444927.54 3770102.94 103.88311 (07010424)
444963.93 3770102.94 103.09699 (07010424)
445000.32 3770102.94 102.37739 (07010424)
445036.71 3770102.94 101.71947 (07010424)
445073.10 3770102.94 101.13483 (07010424)
445109.49 3770102.94 100.61576 (07010424)
445145.88 3770102.94 100.03094 (07010424)
445182.27 3770102.94 98.89355 (07010424)
445218.66 3770102.94 96.75356 (07010424)
445255.05 3770102.94 93.97803 (07010424)
444818.37 3770114.51 104.69748 (07010424)
444854.76 3770114.51 103.70370 (07010424)
444891.15 3770114.51 102.79121 (07010424)
444927.54 3770114.51 101.95439 (07010424)
444963.93 3770114.51 101.18912 (07010424)
445000.32 3770112.15 100.86984 (07010424)
445036.71 3770112.15 100.23230 (07010424)
445073.10 3770111.76 99.72250 (07010424)
445109.49 3770111.28 99.28522 (07010424)
445145.88 3770110.81 98.74388 (07010424)
445182.73 3770110.35 97.57188 (07010424)
445217.74 3770109.89 95.55955 (07010424)
445271.22 3770102.96 92.67789 (07010424)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

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

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

NETWORK GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	257.73027	ON 09093001:	AT (444781.98, 3769929.39, 270.00, 270.00, 0.00)	DC

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

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

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

NETWORK GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	154.52800	ON 06101008:	AT (444781.98, 3769929.39, 270.00, 270.00, 0.00)	DC

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

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 845 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 0 Calm Hours Identified

A Total of 845 Missing Hours Identified (1.93 Percent)

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

******** WARNING MESSAGES ********
ME W396 1537 MEOPEN: Met data from outdated version of AERMET, version: 12345
ME W531 1537 MEOPEN: CAUTION! Met Station ID Missing from SURFFILE for SURFDATA

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

AERMOD MODEL OUTPUT SUMMARY FILE (DPM)

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.7.0
** Lakes Environmental Software Inc.
** Date: 10/20/2014
** File: U:\UcJobs\_08600-09000\_09000\09034\AERMOD\Residences Near FWY
HRA\DPM\DPM.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE U:\UcJobs\_08600-09000\_09000\09034\AERMOD\Residences Near
FWY HRA\r
   MODELOPT CONC DRYDPLT FLAT  FASTALL
   AVERTIME ANNUAL
   URBANOPT 2015355
   POLLUTID DPM
   RUNORNOT RUN
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 = SLINE1
** DESCRSRC Eastbound on the 10
** PREFIX
** Length of Side = 18.80
** Configuration = Adjacent
** Emission Rate = 0.00794
** Vertical Dimension = 5.85
** SZINIT = 2.72
** Nodes = 13
** 445449.445, 3769597.302, 0.00, 0.00, 8.74
** 444841.645, 3769606.033, 0.00, 0.00, 8.74
** 444750.998, 3769608.551, 0.00, 0.00, 8.74
** 444641.465, 3769619.882, 0.00, 0.00, 8.74
** 444533.191, 3769634.990, 0.00, 0.00, 8.74
** 444412.957, 3769654.504, 0.00, 0.00, 8.74
** 444242.993, 3769696.681, 0.00, 0.00, 8.74
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** 444049.737, 3769762.778, 0.00, 0.00, 8.74
** 443921.949, 3769816.915, 0.00, 0.00, 8.74
** 443784.718, 3769886.789, 0.00, 0.00, 8.74
** 443623.567, 3769984.991, 0.00, 0.00, 8.74
** 443434.718, 3770115.297, 0.00, 0.00, 8.74
** 442982.277, 3770432.001, 0.00, 0.00, 8.74
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   LOCATION L0029453     VOLUME   445402.450 3769597.977 0.0
   LOCATION L0029454     VOLUME   445383.652 3769598.247 0.0
   LOCATION L0029455     VOLUME   445364.854 3769598.517 0.0
   LOCATION L0029456     VOLUME   445346.056 3769598.787 0.0
   LOCATION L0029457     VOLUME   445327.258 3769599.057 0.0
   LOCATION L0029458     VOLUME   445308.460 3769599.327 0.0
   LOCATION L0029459     VOLUME   445289.662 3769599.597 0.0
   LOCATION L0029460     VOLUME   445270.864 3769599.867 0.0
   LOCATION L0029461     VOLUME   445252.066 3769600.137 0.0
   LOCATION L0029462     VOLUME   445233.268 3769600.407 0.0
   LOCATION L0029463     VOLUME   445214.470 3769600.677 0.0
   LOCATION L0029464     VOLUME   445195.672 3769600.947 0.0
   LOCATION L0029465     VOLUME   445176.873 3769601.217 0.0
   LOCATION L0029466     VOLUME   445158.075 3769601.487 0.0
   LOCATION L0029467     VOLUME   445139.277 3769601.757 0.0
   LOCATION L0029468     VOLUME   445120.479 3769602.028 0.0
   LOCATION L0029469     VOLUME   445101.681 3769602.298 0.0
   LOCATION L0029470     VOLUME   445082.883 3769602.568 0.0
   LOCATION L0029471     VOLUME   445064.085 3769602.838 0.0
   LOCATION L0029472     VOLUME   445045.287 3769603.108 0.0
   LOCATION L0029473     VOLUME   445026.489 3769603.378 0.0
   LOCATION L0029474     VOLUME   445007.691 3769603.648 0.0
   LOCATION L0029475     VOLUME   444988.893 3769603.918 0.0
   LOCATION L0029476     VOLUME   444970.095 3769604.188 0.0
   LOCATION L0029477     VOLUME   444951.297 3769604.458 0.0
   LOCATION L0029478     VOLUME   444932.499 3769604.728 0.0
   LOCATION L0029479     VOLUME   444913.701 3769604.998 0.0
   LOCATION L0029480     VOLUME   444894.903 3769605.268 0.0
   LOCATION L0029481     VOLUME   444876.104 3769605.538 0.0
   LOCATION L0029482     VOLUME   444857.306 3769605.808 0.0
   LOCATION L0029483     VOLUME   444838.509 3769606.120 0.0
   LOCATION L0029484     VOLUME   444819.716 3769606.642 0.0
   LOCATION L0029485     VOLUME   444800.924 3769607.164 0.0
   LOCATION L0029486     VOLUME   444782.131 3769607.686 0.0
   LOCATION L0029487     VOLUME   444763.338 3769608.208 0.0
   LOCATION L0029488     VOLUME   444744.577 3769609.215 0.0
   LOCATION L0029489     VOLUME   444725.877 3769611.150 0.0
   LOCATION L0029490     VOLUME   444707.177 3769613.084 0.0
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   LOCATION L0029492     VOLUME   444669.776 3769616.953 0.0
   LOCATION L0029493     VOLUME   444651.076 3769618.888 0.0
   LOCATION L0029494     VOLUME   444632.415 3769621.145 0.0
   LOCATION L0029495     VOLUME   444613.796 3769623.743 0.0
   LOCATION L0029496     VOLUME   444595.176 3769626.341 0.0
   LOCATION L0029497     VOLUME   444576.556 3769628.939 0.0
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LOCATION L0029498     VOLUME   444557.937 3769631.537 0.0
LOCATION L0029499     VOLUME   444539.317 3769634.135 0.0
LOCATION L0029500     VOLUME   444520.739 3769637.011 0.0
LOCATION L0029501     VOLUME   444502.182 3769640.023 0.0
LOCATION L0029502     VOLUME   444483.625 3769643.035 0.0
LOCATION L0029503     VOLUME   444465.068 3769646.047 0.0
LOCATION L0029504     VOLUME   444446.511 3769649.058 0.0
LOCATION L0029505     VOLUME   444427.954 3769652.070 0.0
LOCATION L0029506     VOLUME   444409.456 3769655.373 0.0
LOCATION L0029507     VOLUME   444391.209 3769659.901 0.0
LOCATION L0029508     VOLUME   444372.963 3769664.429 0.0
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LOCATION L0029510     VOLUME   444336.470 3769673.485 0.0
LOCATION L0029511     VOLUME   444318.223 3769678.012 0.0
LOCATION L0029512     VOLUME   444299.976 3769682.540 0.0
LOCATION L0029513     VOLUME   444281.730 3769687.068 0.0
LOCATION L0029514     VOLUME   444263.483 3769691.596 0.0
LOCATION L0029515     VOLUME   444245.237 3769696.124 0.0
LOCATION L0029516     VOLUME   444227.392 3769702.017 0.0
LOCATION L0029517     VOLUME   444209.604 3769708.100 0.0
LOCATION L0029518     VOLUME   444191.815 3769714.184 0.0
LOCATION L0029519     VOLUME   444174.027 3769720.268 0.0
LOCATION L0029520     VOLUME   444156.239 3769726.352 0.0
LOCATION L0029521     VOLUME   444138.450 3769732.436 0.0
LOCATION L0029522     VOLUME   444120.662 3769738.520 0.0
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LOCATION L0029526     VOLUME   444049.515 3769762.872 0.0
LOCATION L0029527     VOLUME   444032.204 3769770.206 0.0
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LOCATION L0029529     VOLUME   443997.583 3769784.873 0.0
LOCATION L0029530     VOLUME   443980.272 3769792.207 0.0
LOCATION L0029531     VOLUME   443962.961 3769799.540 0.0
LOCATION L0029532     VOLUME   443945.651 3769806.874 0.0
LOCATION L0029533     VOLUME   443928.340 3769814.207 0.0
LOCATION L0029534     VOLUME   443911.381 3769822.296 0.0
LOCATION L0029535     VOLUME   443894.628 3769830.826 0.0
LOCATION L0029536     VOLUME   443877.874 3769839.356 0.0
LOCATION L0029537     VOLUME   443861.121 3769847.887 0.0
LOCATION L0029538     VOLUME   443844.368 3769856.417 0.0
LOCATION L0029539     VOLUME   443827.614 3769864.948 0.0
LOCATION L0029540     VOLUME   443810.861 3769873.478 0.0
LOCATION L0029541     VOLUME   443794.108 3769882.008 0.0
LOCATION L0029542     VOLUME   443777.662 3769891.089 0.0
LOCATION L0029543     VOLUME   443761.608 3769900.872 0.0
LOCATION L0029544     VOLUME   443745.554 3769910.655 0.0
LOCATION L0029545     VOLUME   443729.500 3769920.438 0.0
LOCATION L0029546     VOLUME   443713.445 3769930.221 0.0
LOCATION L0029547     VOLUME   443697.391 3769940.004 0.0
LOCATION L0029548     VOLUME   443681.337 3769949.787 0.0
LOCATION L0029549     VOLUME   443665.283 3769959.570 0.0
LOCATION L0029550     VOLUME   443649.229 3769969.353 0.0
LOCATION L0029551     VOLUME   443633.175 3769979.136 0.0
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   LOCATION L0029556     VOLUME   443555.458 3770031.986 0.0
   LOCATION L0029557     VOLUME   443539.984 3770042.663 0.0
   LOCATION L0029558     VOLUME   443524.510 3770053.340 0.0
   LOCATION L0029559     VOLUME   443509.037 3770064.017 0.0
   LOCATION L0029560     VOLUME   443493.563 3770074.694 0.0
   LOCATION L0029561     VOLUME   443478.089 3770085.371 0.0
   LOCATION L0029562     VOLUME   443462.615 3770096.048 0.0
   LOCATION L0029563     VOLUME   443447.141 3770106.725 0.0
   LOCATION L0029564     VOLUME   443431.681 3770117.422 0.0
   LOCATION L0029565     VOLUME   443416.280 3770128.203 0.0
   LOCATION L0029566     VOLUME   443400.878 3770138.984 0.0
   LOCATION L0029567     VOLUME   443385.476 3770149.765 0.0
   LOCATION L0029568     VOLUME   443370.075 3770160.546 0.0
   LOCATION L0029569     VOLUME   443354.673 3770171.327 0.0
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   LOCATION L0029571     VOLUME   443323.870 3770192.889 0.0
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   LOCATION L0029573     VOLUME   443293.067 3770214.451 0.0
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   LOCATION L0029582     VOLUME   443154.452 3770311.480 0.0
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   LOCATION L0029584     VOLUME   443123.649 3770333.042 0.0
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** End of LINE VOLUME Source ID = SLINE1
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Westbound on the 10
** PREFIX
** Length of Side = 18.80
** Configuration = Adjacent
** Emission Rate = 0.00787
** Vertical Dimension = 5.85
** SZINIT = 2.72
** Nodes = 15
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   LOCATION L0029601     VOLUME   443119.007 3770368.558 0.0
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   LOCATION L0029699     VOLUME   444776.777 3769660.523 0.0
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   LOCATION L0029706     VOLUME   444907.700 3769647.695 0.0
   LOCATION L0029707     VOLUME   444926.348 3769645.316 0.0
   LOCATION L0029708     VOLUME   444944.997 3769642.938 0.0
   LOCATION L0029709     VOLUME   444963.646 3769640.559 0.0
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   LOCATION L0029712     VOLUME   445019.789 3769635.435 0.0
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   LOCATION L0029714     VOLUME   445057.304 3769632.910 0.0
   LOCATION L0029715     VOLUME   445076.062 3769631.647 0.0
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   LOCATION L0029717     VOLUME   445113.577 3769629.122 0.0
   LOCATION L0029718     VOLUME   445132.334 3769627.860 0.0
   LOCATION L0029719     VOLUME   445151.125 3769627.359 0.0
   LOCATION L0029720     VOLUME   445169.921 3769626.972 0.0
   LOCATION L0029721     VOLUME   445188.717 3769626.586 0.0
   LOCATION L0029722     VOLUME   445207.513 3769626.200 0.0
   LOCATION L0029723     VOLUME   445226.309 3769625.814 0.0
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   LOCATION L0029725     VOLUME   445263.906 3769625.392 0.0
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** End of LINE VOLUME Source ID = SLINE2
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Eastbound On Ramp
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** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.00041
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 5
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   LOCATION L0029737     VOLUME   443714.064 3769885.149 0.0
   LOCATION L0029738     VOLUME   443722.348 3769881.631 0.0
   LOCATION L0029739     VOLUME   443730.632 3769878.112 0.0
   LOCATION L0029740     VOLUME   443738.916 3769874.594 0.0
   LOCATION L0029741     VOLUME   443747.200 3769871.076 0.0
   LOCATION L0029742     VOLUME   443755.483 3769867.557 0.0
   LOCATION L0029743     VOLUME   443763.767 3769864.039 0.0
   LOCATION L0029744     VOLUME   443772.051 3769860.521 0.0
   LOCATION L0029745     VOLUME   443780.335 3769857.002 0.0
   LOCATION L0029746     VOLUME   443788.618 3769853.484 0.0
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   LOCATION L0029762     VOLUME   443918.870 3769793.079 0.0
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   LOCATION L0029781     VOLUME   444081.698 3769740.849 0.0
   LOCATION L0029782     VOLUME   444090.268 3769738.100 0.0
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   LOCATION L0029786     VOLUME   444124.548 3769727.105 0.0
   LOCATION L0029787     VOLUME   444133.118 3769724.356 0.0
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   LOCATION L0029803     VOLUME   444271.037 3769683.034 0.0
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   LOCATION L0029809     VOLUME   444323.018 3769668.405 0.0
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** End of LINE VOLUME Source ID = SLINE3
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Eastbound Off Ramp
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.00025
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 7
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   LOCATION L0029816     VOLUME   443451.938 3770091.248 0.0
   LOCATION L0029817     VOLUME   443458.824 3770085.453 0.0
   LOCATION L0029818     VOLUME   443465.711 3770079.659 0.0
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   LOCATION L0029822     VOLUME   443493.257 3770056.481 0.0
   LOCATION L0029823     VOLUME   443500.143 3770050.686 0.0
   LOCATION L0029824     VOLUME   443507.030 3770044.892 0.0
   LOCATION L0029825     VOLUME   443513.876 3770039.054 0.0
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   LOCATION L0029838     VOLUME   443597.646 3769957.388 0.0
   LOCATION L0029839     VOLUME   443604.223 3769951.246 0.0
   LOCATION L0029840     VOLUME   443611.039 3769945.368 0.0
   LOCATION L0029841     VOLUME   443617.854 3769939.490 0.0
   LOCATION L0029842     VOLUME   443624.670 3769933.612 0.0
   LOCATION L0029843     VOLUME   443631.851 3769928.292 0.0
   LOCATION L0029844     VOLUME   443639.958 3769924.382 0.0
   LOCATION L0029845     VOLUME   443648.064 3769920.472 0.0
   LOCATION L0029846     VOLUME   443656.170 3769916.562 0.0
   LOCATION L0029847     VOLUME   443664.276 3769912.652 0.0
   LOCATION L0029848     VOLUME   443672.456 3769908.902 0.0
** End of LINE VOLUME Source ID = SLINE4
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC Westbound On Ramp from NB
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.00023
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 10
** 443736.883, 3770048.559, 0.00, 0.00, 4.19
** 443813.192, 3770026.592, 0.00, 0.00, 4.19
** 443844.024, 3770001.541, 0.00, 0.00, 4.19
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** 443859.825, 3769971.865, 0.00, 0.00, 4.19
** 443854.815, 3769946.814, 0.00, 0.00, 4.19
** 443836.701, 3769928.700, 0.00, 0.00, 4.19
** 443818.587, 3769925.617, 0.00, 0.00, 4.19
** 443789.682, 3769934.481, 0.00, 0.00, 4.19
** 443698.342, 3769978.417, 0.00, 0.00, 4.19
** 443603.149, 3770038.154, 0.00, 0.00, 4.19
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   LOCATION L0029849     VOLUME   443741.207 3770047.315 0.0
   LOCATION L0029850     VOLUME   443749.856 3770044.825 0.0
   LOCATION L0029851     VOLUME   443758.504 3770042.335 0.0
   LOCATION L0029852     VOLUME   443767.153 3770039.845 0.0
   LOCATION L0029853     VOLUME   443775.802 3770037.355 0.0
   LOCATION L0029854     VOLUME   443784.451 3770034.866 0.0
   LOCATION L0029855     VOLUME   443793.099 3770032.376 0.0
   LOCATION L0029856     VOLUME   443801.748 3770029.886 0.0
   LOCATION L0029857     VOLUME   443810.397 3770027.396 0.0
   LOCATION L0029858     VOLUME   443817.920 3770022.750 0.0
   LOCATION L0029859     VOLUME   443824.905 3770017.075 0.0
   LOCATION L0029860     VOLUME   443831.890 3770011.400 0.0
   LOCATION L0029861     VOLUME   443838.875 3770005.724 0.0
   LOCATION L0029862     VOLUME   443845.136 3769999.453 0.0
   LOCATION L0029863     VOLUME   443849.366 3769991.509 0.0
   LOCATION L0029864     VOLUME   443853.596 3769983.565 0.0
   LOCATION L0029865     VOLUME   443857.825 3769975.621 0.0
   LOCATION L0029866     VOLUME   443858.895 3769967.212 0.0
   LOCATION L0029867     VOLUME   443857.130 3769958.387 0.0
   LOCATION L0029868     VOLUME   443855.365 3769949.562 0.0
   LOCATION L0029869     VOLUME   443850.433 3769942.431 0.0
   LOCATION L0029870     VOLUME   443844.069 3769936.067 0.0
   LOCATION L0029871     VOLUME   443837.705 3769929.703 0.0
   LOCATION L0029872     VOLUME   443829.228 3769927.428 0.0
   LOCATION L0029873     VOLUME   443820.356 3769925.918 0.0
   LOCATION L0029874     VOLUME   443811.698 3769927.730 0.0
   LOCATION L0029875     VOLUME   443803.093 3769930.368 0.0
   LOCATION L0029876     VOLUME   443794.489 3769933.007 0.0
   LOCATION L0029877     VOLUME   443786.102 3769936.203 0.0
   LOCATION L0029878     VOLUME   443777.992 3769940.104 0.0
   LOCATION L0029879     VOLUME   443769.881 3769944.005 0.0
   LOCATION L0029880     VOLUME   443761.771 3769947.907 0.0
   LOCATION L0029881     VOLUME   443753.660 3769951.808 0.0
   LOCATION L0029882     VOLUME   443745.550 3769955.709 0.0
   LOCATION L0029883     VOLUME   443737.439 3769959.610 0.0
   LOCATION L0029884     VOLUME   443729.329 3769963.512 0.0
   LOCATION L0029885     VOLUME   443721.218 3769967.413 0.0
   LOCATION L0029886     VOLUME   443713.108 3769971.314 0.0
   LOCATION L0029887     VOLUME   443704.997 3769975.215 0.0
   LOCATION L0029888     VOLUME   443696.974 3769979.275 0.0
   LOCATION L0029889     VOLUME   443689.351 3769984.059 0.0
   LOCATION L0029890     VOLUME   443681.728 3769988.843 0.0
   LOCATION L0029891     VOLUME   443674.104 3769993.627 0.0
   LOCATION L0029892     VOLUME   443666.481 3769998.411 0.0
   LOCATION L0029893     VOLUME   443658.858 3770003.194 0.0
   LOCATION L0029894     VOLUME   443651.234 3770007.978 0.0
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   LOCATION L0029895     VOLUME   443643.611 3770012.762 0.0
   LOCATION L0029896     VOLUME   443635.988 3770017.546 0.0
   LOCATION L0029897     VOLUME   443628.364 3770022.330 0.0
   LOCATION L0029898     VOLUME   443620.741 3770027.114 0.0
   LOCATION L0029899     VOLUME   443613.118 3770031.898 0.0
   LOCATION L0029900     VOLUME   443605.495 3770036.681 0.0
** End of LINE VOLUME Source ID = SLINE5
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE6
** DESCRSRC Westbound On Ramp from SB
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.00012
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 10
** 443692.515, 3770116.063, 0.00, 0.00, 4.19
** 443684.392, 3770090.217, 0.00, 0.00, 4.19
** 443677.746, 3770072.494, 0.00, 0.00, 4.19
** 443661.382, 3770055.772, 0.00, 0.00, 4.19
** 443645.962, 3770049.423, 0.00, 0.00, 4.19
** 443625.554, 3770044.434, 0.00, 0.00, 4.19
** 443606.961, 3770047.609, 0.00, 0.00, 4.19
** 443594.262, 3770053.958, 0.00, 0.00, 4.19
** 443576.575, 3770062.121, 0.00, 0.00, 4.19
** 443493.583, 3770111.553, 0.00, 0.00, 4.19
** ----------------------------------------------------------------------
   LOCATION L0029901     VOLUME   443691.166 3770111.770 0.0
   LOCATION L0029902     VOLUME   443688.468 3770103.184 0.0
   LOCATION L0029903     VOLUME   443685.769 3770094.598 0.0
   LOCATION L0029904     VOLUME   443682.845 3770086.090 0.0
   LOCATION L0029905     VOLUME   443679.685 3770077.663 0.0
   LOCATION L0029906     VOLUME   443675.313 3770070.007 0.0
   LOCATION L0029907     VOLUME   443669.018 3770063.575 0.0
   LOCATION L0029908     VOLUME   443662.723 3770057.142 0.0
   LOCATION L0029909     VOLUME   443654.833 3770053.075 0.0
   LOCATION L0029910     VOLUME   443646.511 3770049.648 0.0
   LOCATION L0029911     VOLUME   443637.796 3770047.426 0.0
   LOCATION L0029912     VOLUME   443629.053 3770045.289 0.0
   LOCATION L0029913     VOLUME   443620.233 3770045.342 0.0
   LOCATION L0029914     VOLUME   443611.362 3770046.857 0.0
   LOCATION L0029915     VOLUME   443602.904 3770049.637 0.0
   LOCATION L0029916     VOLUME   443594.854 3770053.662 0.0
   LOCATION L0029917     VOLUME   443586.692 3770057.452 0.0
   LOCATION L0029918     VOLUME   443578.520 3770061.223 0.0
   LOCATION L0029919     VOLUME   443570.683 3770065.630 0.0
   LOCATION L0029920     VOLUME   443562.951 3770070.236 0.0
   LOCATION L0029921     VOLUME   443555.219 3770074.842 0.0
   LOCATION L0029922     VOLUME   443547.486 3770079.447 0.0
   LOCATION L0029923     VOLUME   443539.754 3770084.053 0.0
   LOCATION L0029924     VOLUME   443532.022 3770088.658 0.0
   LOCATION L0029925     VOLUME   443524.289 3770093.264 0.0
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   LOCATION L0029926     VOLUME   443516.557 3770097.870 0.0
   LOCATION L0029927     VOLUME   443508.825 3770102.475 0.0
   LOCATION L0029928     VOLUME   443501.092 3770107.081 0.0
** End of LINE VOLUME Source ID = SLINE6
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC Westbound Off Ramp
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.00052
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 11
** 444162.465, 3769772.698, 0.00, 0.00, 4.19
** 443973.033, 3769851.672, 0.00, 0.00, 4.19
** 443913.269, 3769887.958, 0.00, 0.00, 4.19
** 443897.794, 3769913.037, 0.00, 0.00, 4.19
** 443881.785, 3769956.793, 0.00, 0.00, 4.19
** 443864.710, 3770002.684, 0.00, 0.00, 4.19
** 443850.836, 3770027.764, 0.00, 0.00, 4.19
** 443833.227, 3770044.306, 0.00, 0.00, 4.19
** 443802.277, 3770055.511, 0.00, 0.00, 4.19
** 443767.059, 3770064.049, 0.00, 0.00, 4.19
** 443730.774, 3770068.318, 0.00, 0.00, 4.19
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   LOCATION L0029929     VOLUME   444158.311 3769774.429 0.0
   LOCATION L0029930     VOLUME   444150.004 3769777.892 0.0
   LOCATION L0029931     VOLUME   444141.697 3769781.356 0.0
   LOCATION L0029932     VOLUME   444133.390 3769784.819 0.0
   LOCATION L0029933     VOLUME   444125.083 3769788.282 0.0
   LOCATION L0029934     VOLUME   444116.776 3769791.745 0.0
   LOCATION L0029935     VOLUME   444108.469 3769795.208 0.0
   LOCATION L0029936     VOLUME   444100.162 3769798.672 0.0
   LOCATION L0029937     VOLUME   444091.855 3769802.135 0.0
   LOCATION L0029938     VOLUME   444083.548 3769805.598 0.0
   LOCATION L0029939     VOLUME   444075.241 3769809.061 0.0
   LOCATION L0029940     VOLUME   444066.934 3769812.524 0.0
   LOCATION L0029941     VOLUME   444058.627 3769815.988 0.0
   LOCATION L0029942     VOLUME   444050.320 3769819.451 0.0
   LOCATION L0029943     VOLUME   444042.013 3769822.914 0.0
   LOCATION L0029944     VOLUME   444033.706 3769826.377 0.0
   LOCATION L0029945     VOLUME   444025.399 3769829.840 0.0
   LOCATION L0029946     VOLUME   444017.092 3769833.304 0.0
   LOCATION L0029947     VOLUME   444008.785 3769836.767 0.0
   LOCATION L0029948     VOLUME   444000.478 3769840.230 0.0
   LOCATION L0029949     VOLUME   443992.171 3769843.693 0.0
   LOCATION L0029950     VOLUME   443983.864 3769847.156 0.0
   LOCATION L0029951     VOLUME   443975.557 3769850.620 0.0
   LOCATION L0029952     VOLUME   443967.678 3769854.923 0.0
   LOCATION L0029953     VOLUME   443959.985 3769859.594 0.0
   LOCATION L0029954     VOLUME   443952.292 3769864.265 0.0
   LOCATION L0029955     VOLUME   443944.598 3769868.936 0.0
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   LOCATION L0029956     VOLUME   443936.905 3769873.607 0.0
   LOCATION L0029957     VOLUME   443929.212 3769878.277 0.0
   LOCATION L0029958     VOLUME   443921.519 3769882.948 0.0
   LOCATION L0029959     VOLUME   443913.826 3769887.619 0.0
   LOCATION L0029960     VOLUME   443908.885 3769895.062 0.0
   LOCATION L0029961     VOLUME   443904.159 3769902.721 0.0
   LOCATION L0029962     VOLUME   443899.433 3769910.380 0.0
   LOCATION L0029963     VOLUME   443895.774 3769918.557 0.0
   LOCATION L0029964     VOLUME   443892.682 3769927.010 0.0
   LOCATION L0029965     VOLUME   443889.590 3769935.462 0.0
   LOCATION L0029966     VOLUME   443886.498 3769943.914 0.0
   LOCATION L0029967     VOLUME   443883.405 3769952.366 0.0
   LOCATION L0029968     VOLUME   443880.291 3769960.810 0.0
   LOCATION L0029969     VOLUME   443877.152 3769969.245 0.0
   LOCATION L0029970     VOLUME   443874.014 3769977.680 0.0
   LOCATION L0029971     VOLUME   443870.875 3769986.115 0.0
   LOCATION L0029972     VOLUME   443867.737 3769994.550 0.0
   LOCATION L0029973     VOLUME   443864.555 3770002.965 0.0
   LOCATION L0029974     VOLUME   443860.198 3770010.840 0.0
   LOCATION L0029975     VOLUME   443855.841 3770018.715 0.0
   LOCATION L0029976     VOLUME   443851.485 3770026.591 0.0
   LOCATION L0029977     VOLUME   443845.253 3770033.008 0.0
   LOCATION L0029978     VOLUME   443838.694 3770039.170 0.0
   LOCATION L0029979     VOLUME   443831.817 3770044.816 0.0
   LOCATION L0029980     VOLUME   443823.355 3770047.880 0.0
   LOCATION L0029981     VOLUME   443814.892 3770050.944 0.0
   LOCATION L0029982     VOLUME   443806.430 3770054.008 0.0
   LOCATION L0029983     VOLUME   443797.823 3770056.591 0.0
   LOCATION L0029984     VOLUME   443789.076 3770058.712 0.0
   LOCATION L0029985     VOLUME   443780.329 3770060.832 0.0
   LOCATION L0029986     VOLUME   443771.583 3770062.953 0.0
   LOCATION L0029987     VOLUME   443762.744 3770064.557 0.0
   LOCATION L0029988     VOLUME   443753.805 3770065.608 0.0
   LOCATION L0029989     VOLUME   443744.867 3770066.660 0.0
   LOCATION L0029990     VOLUME   443735.928 3770067.712 0.0
** End of LINE VOLUME Source ID = SLINE7
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0029451     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029452     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029453     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029454     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029455     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029456     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029457     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029458     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029459     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029460     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029461     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029462     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029463     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029464     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029465     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029466     0.0000555245      0.00      8.74      2.72
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SRCPARAM L0029467     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029468     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029469     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029470     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029471     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029472     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029473     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029474     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029475     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029476     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029477     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029478     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029479     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029480     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029481     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029482     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029483     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029484     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029485     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029486     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029487     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029488     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029489     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029490     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029491     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029492     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029493     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029494     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029495     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029496     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029497     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029498     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029499     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029500     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029501     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029502     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029503     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029504     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029505     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029506     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029507     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029508     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029509     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029510     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029511     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029512     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029513     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029514     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029515     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029516     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029517     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029518     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029519     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029520     0.0000555245      0.00      8.74      2.72
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SRCPARAM L0029521     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029522     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029523     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029524     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029525     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029526     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029527     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029528     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029529     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029530     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029531     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029532     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029533     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029534     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029535     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029536     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029537     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029538     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029539     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029540     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029541     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029542     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029543     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029544     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029545     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029546     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029547     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029548     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029549     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029550     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029551     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029552     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029553     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029554     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029555     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029556     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029557     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029558     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029559     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029560     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029561     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029562     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029563     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029564     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029565     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029566     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029567     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029568     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029569     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029570     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029571     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029572     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029573     0.0000555245      0.00      8.74      2.72
SRCPARAM L0029574     0.0000555245      0.00      8.74      2.72
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   SRCPARAM L0029575     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029576     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029577     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029578     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029579     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029580     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029581     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029582     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029583     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029584     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029585     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029586     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029587     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029588     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029589     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029590     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029591     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029592     0.0000555245      0.00      8.74      2.72
   SRCPARAM L0029593     0.0000555245      0.00      8.74      2.72
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** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0029594     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029595     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029596     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029597     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029598     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029599     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029600     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029601     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029602     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029603     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029604     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029605     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029606     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029607     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029608     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029609     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029610     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029611     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029612     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029613     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029614     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029615     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029616     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029617     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029618     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029619     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029620     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029621     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029622     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029623     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029624     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029625     0.0000558156      0.00      8.74      2.72
   SRCPARAM L0029626     0.0000558156      0.00      8.74      2.72
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SRCPARAM L0029627     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029628     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029629     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029630     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029631     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029632     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029633     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029634     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029635     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029636     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029637     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029638     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029639     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029640     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029641     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029642     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029643     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029644     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029645     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029646     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029647     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029648     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029649     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029650     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029651     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029652     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029653     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029654     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029655     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029656     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029657     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029658     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029659     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029660     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029661     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029662     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029663     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029664     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029665     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029666     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029667     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029668     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029669     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029670     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029671     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029672     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029673     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029674     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029675     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029676     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029677     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029678     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029679     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029680     0.0000558156      0.00      8.74      2.72
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SRCPARAM L0029681     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029682     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029683     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029684     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029685     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029686     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029687     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029688     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029689     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029690     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029691     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029692     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029693     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029694     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029695     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029696     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029697     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029698     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029699     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029700     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029701     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029702     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029703     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029704     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029705     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029706     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029707     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029708     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029709     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029710     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029711     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029712     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029713     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029714     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029715     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029716     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029717     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029718     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029719     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029720     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029721     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029722     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029723     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029724     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029725     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029726     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029727     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029728     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029729     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029730     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029731     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029732     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029733     0.0000558156      0.00      8.74      2.72
SRCPARAM L0029734     0.0000558156      0.00      8.74      2.72
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** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0029735     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029736     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029737     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029738     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029739     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029740     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029741     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029742     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029743     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029744     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029745     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029746     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029747     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029748     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029749     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029750     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029751     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029752     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029753     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029754     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029755     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029756     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029757     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029758     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029759     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029760     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029761     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029762     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029763     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029764     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029765     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029766     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029767     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029768     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029769     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029770     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029771     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029772     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029773     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029774     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029775     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029776     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029777     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029778     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029779     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029780     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029781     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029782     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029783     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029784     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029785     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029786     0.00000519      0.00      4.19      2.38
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   SRCPARAM L0029787     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029788     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029789     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029790     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029791     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029792     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029793     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029794     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029795     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029796     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029797     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029798     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029799     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029800     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029801     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029802     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029803     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029804     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029805     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029806     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029807     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029808     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029809     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029810     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029811     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029812     0.00000519      0.00      4.19      2.38
   SRCPARAM L0029813     0.00000519      0.00      4.19      2.38
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** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0029814     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029815     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029816     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029817     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029818     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029819     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029820     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029821     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029822     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029823     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029824     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029825     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029826     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029827     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029828     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029829     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029830     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029831     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029832     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029833     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029834     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029835     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029836     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029837     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029838     0.000007143      0.00      4.19      2.38
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   SRCPARAM L0029839     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029840     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029841     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029842     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029843     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029844     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029845     0.000007143      0.00      4.19      2.38
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   SRCPARAM L0029847     0.000007143      0.00      4.19      2.38
   SRCPARAM L0029848     0.000007143      0.00      4.19      2.38
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** LINE VOLUME Source ID = SLINE5
   SRCPARAM L0029849     0.000004423      0.00      4.19      2.38
   SRCPARAM L0029850     0.000004423      0.00      4.19      2.38
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   SRCPARAM L0029852     0.000004423      0.00      4.19      2.38
   SRCPARAM L0029853     0.000004423      0.00      4.19      2.38
   SRCPARAM L0029854     0.000004423      0.00      4.19      2.38
   SRCPARAM L0029855     0.000004423      0.00      4.19      2.38
   SRCPARAM L0029856     0.000004423      0.00      4.19      2.38
   SRCPARAM L0029857     0.000004423      0.00      4.19      2.38
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   SRCPARAM L0029863     0.000004423      0.00      4.19      2.38
   SRCPARAM L0029864     0.000004423      0.00      4.19      2.38
   SRCPARAM L0029865     0.000004423      0.00      4.19      2.38
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   SRCPARAM L0029870     0.000004423      0.00      4.19      2.38
   SRCPARAM L0029871     0.000004423      0.00      4.19      2.38
   SRCPARAM L0029872     0.000004423      0.00      4.19      2.38
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   SRCPARAM L0029874     0.000004423      0.00      4.19      2.38
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   SRCPARAM L0029899     0.000004423      0.00      4.19      2.38
   SRCPARAM L0029900     0.000004423      0.00      4.19      2.38
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   SRCPARAM L0029928     0.000004286      0.00      4.19      2.38
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   SRCPARAM L0029933     0.000008387      0.00      4.19      2.38
   SRCPARAM L0029934     0.000008387      0.00      4.19      2.38
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   SRCPARAM L0029936     0.000008387      0.00      4.19      2.38
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   PARTDENS L0029989 2.3 2.3
   PARTDENS L0029990 2.3 2.3
   SRCGROUP ALL
SO FINISHED
```

```
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
** DESCRREC "UCART1" "Receptors generated from Uniform Cartesian Grid"
   DISCCART    444781.98   3769929.39
   DISCCART    444818.37   3769929.39
   DISCCART    444854.76   3769929.39
   DISCCART    444891.15   3769929.39
   DISCCART    444927.54   3769929.39
   DISCCART    444963.93   3769929.39
   DISCCART    445000.32   3769929.39
   DISCCART    445036.71   3769929.39
   DISCCART    445073.10   3769929.39
   DISCCART    445109.49   3769929.39
   DISCCART    445145.88   3769929.39
   DISCCART    445182.27   3769929.39
   DISCCART    444781.98   3769940.96
   DISCCART    444818.37   3769940.96
   DISCCART    444854.76   3769940.96
   DISCCART    444891.15   3769940.96
   DISCCART    444927.54   3769940.96
   DISCCART    444963.93   3769940.96
   DISCCART    445000.32   3769940.96
   DISCCART    445036.71   3769940.96
   DISCCART    445073.10   3769940.96
   DISCCART    445109.49   3769940.96
   DISCCART    445145.88   3769940.96
   DISCCART    445182.27   3769940.96
   DISCCART    444781.98   3769952.53
   DISCCART    444818.37   3769952.53
   DISCCART    444854.76   3769952.53
   DISCCART    444891.15   3769952.53
   DISCCART    444927.54   3769952.53
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   DISCCART    445000.32   3769952.53
   DISCCART    445036.71   3769952.53
   DISCCART    445073.10   3769952.53
   DISCCART    445109.49   3769952.53
   DISCCART    445145.88   3769952.53
   DISCCART    445182.27   3769952.53
   DISCCART    444781.98   3769964.10
   DISCCART    444818.37   3769964.10
   DISCCART    444854.76   3769964.10
   DISCCART    444891.15   3769964.10
   DISCCART    444927.54   3769964.10
   DISCCART    444963.93   3769964.10
   DISCCART    445000.32   3769964.10
   DISCCART    445036.71   3769964.10
   DISCCART    445073.10   3769964.10
   DISCCART    445109.49   3769964.10
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DISCCART	445145.88	3769964.10
DISCCART	445182.27	3769964.10
DISCCART	445218.66	3769964.10
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DISCCART	444818.37	3769975.67
DISCCART	444854.76	3769975.67
DISCCART	444891.15	3769975.67
DISCCART	444927.54	3769975.67
DISCCART	444963.93	3769975.67
DISCCART	445000.32	3769975.67
DISCCART	445036.71	3769975.67
DISCCART	445073.10	3769975.67
DISCCART	445109.49	3769975.67
DISCCART	445145.88	3769975.67
DISCCART	445182.27	3769975.67
DISCCART	445218.66	3769975.67
DISCCART	444781.98	3769987.24
DISCCART	444818.37	3769987.24
DISCCART	444854.76	3769987.24
DISCCART	444891.15	3769987.24
DISCCART	444927.54	3769987.24
DISCCART	444963.93	3769987.24
DISCCART	445000.32	3769987.24
DISCCART	445036.71	3769987.24
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DISCCART	445145.88	3769987.24
DISCCART	445182.27	3769987.24
DISCCART	445218.66	3769987.24
DISCCART	444781.98	3769998.81
DISCCART	444818.37	3769998.81
DISCCART	444854.76	3769998.81
DISCCART	444891.15	3769998.81
DISCCART	444927.54	3769998.81
DISCCART	444963.93	3769998.81
DISCCART	445000.32	3769998.81
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DISCCART	445073.10	3769998.81
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DISCCART	445145.88	3769998.81
DISCCART	445182.27	3769998.81
DISCCART	445218.66	3769998.81
DISCCART	444781.98	3770010.38
DISCCART	444818.37	3770010.38
DISCCART	444854.76	3770010.38
DISCCART	444891.15	3770010.38
DISCCART	444927.54	3770010.38
DISCCART	444963.93	3770010.38
DISCCART	445000.32	3770010.38
DISCCART	445036.71	3770010.38
DISCCART	445073.10	3770010.38
DISCCART	445109.49	3770010.38
DISCCART	445145.88	3770010.38
DISCCART	445182.27	3770010.38

DISCCART	445218.66	3770010.38
DISCCART	444781.98	3770021.95
DISCCART	444818.37	3770021.95
DISCCART	444854.76	3770021.95
DISCCART	444891.15	3770021.95
DISCCART	444927.54	3770021.95
DISCCART	444963.93	3770021.95
DISCCART	445000.32	3770021.95
DISCCART	445036.71	3770021.95
DISCCART	445073.10	3770021.95
DISCCART	445109.49	3770021.95
DISCCART	445145.88	3770021.95
DISCCART	445182.27	3770021.95
DISCCART	445218.66	3770021.95
DISCCART	444781.98	3770033.52
DISCCART	444818.37	3770033.52
DISCCART	444854.76	3770033.52
DISCCART	444891.15	3770033.52
DISCCART	444927.54	3770033.52
DISCCART	444963.93	3770033.52
DISCCART	445000.32	3770033.52
DISCCART	445036.71	3770033.52
DISCCART	445073.10	3770033.52
DISCCART	445109.49	3770033.52
DISCCART	445145.88	3770033.52
DISCCART	445182.27	3770033.52
DISCCART	445218.66	3770033.52
DISCCART	445249.38	3770033.52
DISCCART	444781.98	3770045.09
DISCCART	444818.37	3770045.09
DISCCART	444854.76	3770045.09
DISCCART	444891.15	3770045.09
DISCCART	444927.54	3770045.09
DISCCART	444963.93	3770045.09
DISCCART	445000.32	3770045.09
DISCCART	445036.71	3770045.09
DISCCART	445073.10	3770045.09
DISCCART	445109.49	3770045.09
DISCCART	445145.88	3770045.09
DISCCART	445182.27	3770045.09
DISCCART	445218.66	3770045.09
DISCCART	445255.05	3770045.09
DISCCART	444818.37	3770056.66
DISCCART	444854.76	3770056.66
DISCCART	444891.15	3770056.66
DISCCART	444927.54	3770056.66
DISCCART	444963.93	3770056.66
DISCCART	445000.32	3770056.66
DISCCART	445036.71	3770056.66
DISCCART	445073.10	3770056.66
DISCCART	445109.49	3770056.66
DISCCART	445145.88	3770056.66
DISCCART	445182.27	3770056.66
DISCCART	445218.66	3770056.66

DISCCART	445255.05	3770056.66
DISCCART	444818.37	3770068.23
DISCCART	444854.76	3770068.23
DISCCART	444891.15	3770068.23
DISCCART	444927.54	3770068.23
DISCCART	444963.93	3770068.23
DISCCART	445000.32	3770068.23
DISCCART	445036.71	3770068.23
DISCCART	445073.10	3770068.23
DISCCART	445109.49	3770068.23
DISCCART	445145.88	3770068.23
DISCCART	445182.27	3770068.23
DISCCART	445218.66	3770068.23
DISCCART	445255.05	3770068.23
DISCCART	444818.37	3770079.80
DISCCART	444854.76	3770079.80
DISCCART	444891.15	3770079.80
DISCCART	444927.54	3770079.80
DISCCART	444963.93	3770079.80
DISCCART	445000.32	3770079.80
DISCCART	445036.71	3770079.80
DISCCART	445073.10	3770079.80
DISCCART	445109.49	3770079.80
DISCCART	445145.88	3770079.80
DISCCART	445182.27	3770079.80
DISCCART	445218.66	3770079.80
DISCCART	445255.05	3770079.80
DISCCART	444818.37	3770091.37
DISCCART	444854.76	3770091.37
DISCCART	444891.15	3770091.37
DISCCART	444927.54	3770091.37
DISCCART	444963.93	3770091.37
DISCCART	445000.32	3770091.37
DISCCART	445036.71	3770091.37
DISCCART	445073.10	3770091.37
DISCCART	445109.49	3770091.37
DISCCART	445145.88	3770091.37
DISCCART	445182.27	3770091.37
DISCCART	445218.66	3770091.37
DISCCART	445255.05	3770091.37
DISCCART	444818.37	3770102.94
DISCCART	444854.76	3770102.94
DISCCART	444891.15	3770102.94
DISCCART	444927.54	3770102.94
DISCCART	444963.93	3770102.94
DISCCART	445000.32	3770102.94
DISCCART	445036.71	3770102.94
DISCCART	445073.10	3770102.94
DISCCART	445109.49	3770102.94
DISCCART	445145.88	3770102.94
DISCCART	445182.27	3770102.94
DISCCART	445218.66	3770102.94
DISCCART	445255.05	3770102.94
DISCCART	444818.37	3770114.51

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   DISCCART    444854.76   3770114.51
   DISCCART    444891.15   3770114.51
   DISCCART    444927.54   3770114.51
   DISCCART    444963.93   3770114.51
   DISCCART    445000.32   3770112.15
   DISCCART    445036.71   3770112.15
   DISCCART    445073.10   3770111.76
   DISCCART    445109.49   3770111.28
   DISCCART    445145.88   3770110.81
   DISCCART    445182.73   3770110.35
   DISCCART    445217.74   3770109.89
   DISCCART    445271.22   3770102.96
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE poma6.SFC
   PROFFILE poma6.PFL
   SURFDATA 3190 2005
   UAIRDATA 3190 2005
   SITEDATA 99999 2005
   PROFBASE 270.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   PLOTFILE ANNUAL ALL dpm.PLT 31
   SUMMFILE DPM.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 W396    3157       MEOPEN: Met data from outdated version of AERMET,
version:        12345
 ME W531    3157       MEOPEN: CAUTION! Met Station ID Missing from
SURFFILE for      SURFDATA

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************
```

**MODELOPTs: NonDFAULT CONC   FLAT   FASTALL   DRYDPLT   WETDPLT

*** MODEL SETUP OPTIONS SUMMARY ***

- -

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

-- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**PARTICLE DEPOSITION Data Provided.
**Model Uses DRY DEPLETION.   DDPLETE = T
**Model Uses WET DEPLETION.   WETDPLT = T

**Model Uses URBAN Dispersion Algorithm for the SBL for   540 Source(s),
for Total of   1 Urban Area(s):
Urban Population =   2015355.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:
1. Stack-tip Downwash.
2. Model Assumes Receptors on FLAT Terrain.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:
FASTALL - Use effective sigma-y to optimize meander for
POINT and VOLUME sources, and hybrid approach
to optimize AREA sources (formerly TOXICS option)

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: DPM

**Model Calculates ANNUAL Averages Only

**This Run Includes: 540 Source(s);   1 Source Group(s); and 220 Receptor(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 12345

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor

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) = 270.00 ; 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 = 3.8 MB of RAM.

**File for Summary of Results: DPM.sum

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0029451	2	0.55525E-04	445440.0	3769597.4	270.0	0.00	8.74	2.72	YES
L0029452	2	0.55525E-04	445421.2	3769597.7	270.0	0.00	8.74	2.72	YES
L0029453	2	0.55525E-04	445402.5	3769598.0	270.0	0.00	8.74	2.72	YES
L0029454	2	0.55525E-04	445383.7	3769598.2	270.0	0.00	8.74	2.72	YES
L0029455	2	0.55525E-04	445364.9	3769598.5	270.0	0.00	8.74	2.72	YES
L0029456	2	0.55525E-04	445346.1	3769598.8	270.0	0.00	8.74	2.72	YES
L0029457	2	0.55525E-04	445327.3	3769599.1	270.0	0.00	8.74	2.72	YES
L0029458	2	0.55525E-04	445308.5	3769599.3	270.0	0.00	8.74	2.72	YES
L0029459	2	0.55525E-04	445289.7	3769599.6	270.0	0.00	8.74	2.72	YES
L0029460	2	0.55525E-04	445270.9	3769599.9	270.0	0.00	8.74	2.72	YES
L0029461	2	0.55525E-04	445252.1	3769600.1	270.0	0.00	8.74	2.72	YES
L0029462	2	0.55525E-04	445233.3	3769600.4	270.0	0.00	8.74	2.72	YES
L0029463	2	0.55525E-04	445214.5	3769600.7	270.0	0.00	8.74	2.72	YES
L0029464	2	0.55525E-04	445195.7	3769600.9	270.0	0.00	8.74	2.72	YES
L0029465	2	0.55525E-04	445176.9	3769601.2	270.0	0.00	8.74	2.72	YES
L0029466	2	0.55525E-04	445158.1	3769601.5	270.0	0.00	8.74	2.72	YES

L0029467		2	0.55525E-04	445139.3	3769601.8	270.0	0.00
8.74	2.72	YES					
L0029468		2	0.55525E-04	445120.5	3769602.0	270.0	0.00
8.74	2.72	YES					
L0029469		2	0.55525E-04	445101.7	3769602.3	270.0	0.00
8.74	2.72	YES					
L0029470		2	0.55525E-04	445082.9	3769602.6	270.0	0.00
8.74	2.72	YES					
L0029471		2	0.55525E-04	445064.1	3769602.8	270.0	0.00
8.74	2.72	YES					
L0029472		2	0.55525E-04	445045.3	3769603.1	270.0	0.00
8.74	2.72	YES					
L0029473		2	0.55525E-04	445026.5	3769603.4	270.0	0.00
8.74	2.72	YES					
L0029474		2	0.55525E-04	445007.7	3769603.6	270.0	0.00
8.74	2.72	YES					
L0029475		2	0.55525E-04	444988.9	3769603.9	270.0	0.00
8.74	2.72	YES					
L0029476		2	0.55525E-04	444970.1	3769604.2	270.0	0.00
8.74	2.72	YES					
L0029477		2	0.55525E-04	444951.3	3769604.5	270.0	0.00
8.74	2.72	YES					
L0029478		2	0.55525E-04	444932.5	3769604.7	270.0	0.00
8.74	2.72	YES					
L0029479		2	0.55525E-04	444913.7	3769605.0	270.0	0.00
8.74	2.72	YES					
L0029480		2	0.55525E-04	444894.9	3769605.3	270.0	0.00
8.74	2.72	YES					
L0029481		2	0.55525E-04	444876.1	3769605.5	270.0	0.00
8.74	2.72	YES					
L0029482		2	0.55525E-04	444857.3	3769605.8	270.0	0.00
8.74	2.72	YES					
L0029483		2	0.55525E-04	444838.5	3769606.1	270.0	0.00
8.74	2.72	YES					
L0029484		2	0.55525E-04	444819.7	3769606.6	270.0	0.00
8.74	2.72	YES					
L0029485		2	0.55525E-04	444800.9	3769607.2	270.0	0.00
8.74	2.72	YES					
L0029486		2	0.55525E-04	444782.1	3769607.7	270.0	0.00
8.74	2.72	YES					
L0029487		2	0.55525E-04	444763.3	3769608.2	270.0	0.00
8.74	2.72	YES					
L0029488		2	0.55525E-04	444744.6	3769609.2	270.0	0.00
8.74	2.72	YES					
L0029489		2	0.55525E-04	444725.9	3769611.1	270.0	0.00
8.74	2.72	YES					
L0029490		2	0.55525E-04	444707.2	3769613.1	270.0	0.00
8.74	2.72	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0029491	2	0.55525E-04	444688.5	3769615.0	270.0	0.00	8.74	2.72	YES
L0029492	2	0.55525E-04	444669.8	3769617.0	270.0	0.00	8.74	2.72	YES
L0029493	2	0.55525E-04	444651.1	3769618.9	270.0	0.00	8.74	2.72	YES
L0029494	2	0.55525E-04	444632.4	3769621.1	270.0	0.00	8.74	2.72	YES
L0029495	2	0.55525E-04	444613.8	3769623.7	270.0	0.00	8.74	2.72	YES
L0029496	2	0.55525E-04	444595.2	3769626.3	270.0	0.00	8.74	2.72	YES
L0029497	2	0.55525E-04	444576.6	3769628.9	270.0	0.00	8.74	2.72	YES
L0029498	2	0.55525E-04	444557.9	3769631.5	270.0	0.00	8.74	2.72	YES
L0029499	2	0.55525E-04	444539.3	3769634.1	270.0	0.00	8.74	2.72	YES
L0029500	2	0.55525E-04	444520.7	3769637.0	270.0	0.00	8.74	2.72	YES
L0029501	2	0.55525E-04	444502.2	3769640.0	270.0	0.00	8.74	2.72	YES
L0029502	2	0.55525E-04	444483.6	3769643.0	270.0	0.00	8.74	2.72	YES
L0029503	2	0.55525E-04	444465.1	3769646.0	270.0	0.00	8.74	2.72	YES
L0029504	2	0.55525E-04	444446.5	3769649.1	270.0	0.00	8.74	2.72	YES
L0029505	2	0.55525E-04	444428.0	3769652.1	270.0	0.00	8.74	2.72	YES
L0029506	2	0.55525E-04	444409.5	3769655.4	270.0	0.00	8.74	2.72	YES

L0029507		2	0.55525E-04	444391.2	3769659.9	270.0	0.00	
8.74	2.72	YES						
L0029508		2	0.55525E-04	444373.0	3769664.4	270.0	0.00	
8.74	2.72	YES						
L0029509		2	0.55525E-04	444354.7	3769669.0	270.0	0.00	
8.74	2.72	YES						
L0029510		2	0.55525E-04	444336.5	3769673.5	270.0	0.00	
8.74	2.72	YES						
L0029511		2	0.55525E-04	444318.2	3769678.0	270.0	0.00	
8.74	2.72	YES						
L0029512		2	0.55525E-04	444300.0	3769682.5	270.0	0.00	
8.74	2.72	YES						
L0029513		2	0.55525E-04	444281.7	3769687.1	270.0	0.00	
8.74	2.72	YES						
L0029514		2	0.55525E-04	444263.5	3769691.6	270.0	0.00	
8.74	2.72	YES						
L0029515		2	0.55525E-04	444245.2	3769696.1	270.0	0.00	
8.74	2.72	YES						
L0029516		2	0.55525E-04	444227.4	3769702.0	270.0	0.00	
8.74	2.72	YES						
L0029517		2	0.55525E-04	444209.6	3769708.1	270.0	0.00	
8.74	2.72	YES						
L0029518		2	0.55525E-04	444191.8	3769714.2	270.0	0.00	
8.74	2.72	YES						
L0029519		2	0.55525E-04	444174.0	3769720.3	270.0	0.00	
8.74	2.72	YES						
L0029520		2	0.55525E-04	444156.2	3769726.4	270.0	0.00	
8.74	2.72	YES						
L0029521		2	0.55525E-04	444138.5	3769732.4	270.0	0.00	
8.74	2.72	YES						
L0029522		2	0.55525E-04	444120.7	3769738.5	270.0	0.00	
8.74	2.72	YES						
L0029523		2	0.55525E-04	444102.9	3769744.6	270.0	0.00	
8.74	2.72	YES						
L0029524		2	0.55525E-04	444085.1	3769750.7	270.0	0.00	
8.74	2.72	YES						
L0029525		2	0.55525E-04	444067.3	3769756.8	270.0	0.00	
8.74	2.72	YES						
L0029526		2	0.55525E-04	444049.5	3769762.9	270.0	0.00	
8.74	2.72	YES						
L0029527		2	0.55525E-04	444032.2	3769770.2	270.0	0.00	
8.74	2.72	YES						
L0029528		2	0.55525E-04	444014.9	3769777.5	270.0	0.00	
8.74	2.72	YES						
L0029529		2	0.55525E-04	443997.6	3769784.9	270.0	0.00	
8.74	2.72	YES						
L0029530		2	0.55525E-04	443980.3	3769792.2	270.0	0.00	
8.74	2.72	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0029531	2	0.55525E-04	443963.0	3769799.5	270.0	0.00	8.74	2.72	YES
L0029532	2	0.55525E-04	443945.7	3769806.9	270.0	0.00	8.74	2.72	YES
L0029533	2	0.55525E-04	443928.3	3769814.2	270.0	0.00	8.74	2.72	YES
L0029534	2	0.55525E-04	443911.4	3769822.3	270.0	0.00	8.74	2.72	YES
L0029535	2	0.55525E-04	443894.6	3769830.8	270.0	0.00	8.74	2.72	YES
L0029536	2	0.55525E-04	443877.9	3769839.4	270.0	0.00	8.74	2.72	YES
L0029537	2	0.55525E-04	443861.1	3769847.9	270.0	0.00	8.74	2.72	YES
L0029538	2	0.55525E-04	443844.4	3769856.4	270.0	0.00	8.74	2.72	YES
L0029539	2	0.55525E-04	443827.6	3769864.9	270.0	0.00	8.74	2.72	YES
L0029540	2	0.55525E-04	443810.9	3769873.5	270.0	0.00	8.74	2.72	YES
L0029541	2	0.55525E-04	443794.1	3769882.0	270.0	0.00	8.74	2.72	YES
L0029542	2	0.55525E-04	443777.7	3769891.1	270.0	0.00	8.74	2.72	YES
L0029543	2	0.55525E-04	443761.6	3769900.9	270.0	0.00	8.74	2.72	YES
L0029544	2	0.55525E-04	443745.6	3769910.7	270.0	0.00	8.74	2.72	YES
L0029545	2	0.55525E-04	443729.5	3769920.4	270.0	0.00	8.74	2.72	YES
L0029546	2	0.55525E-04	443713.4	3769930.2	270.0	0.00	8.74	2.72	YES

L0029547		2	0.55525E-04	443697.4	3769940.0	270.0	0.00	
8.74	2.72	YES						
L0029548		2	0.55525E-04	443681.3	3769949.8	270.0	0.00	
8.74	2.72	YES						
L0029549		2	0.55525E-04	443665.3	3769959.6	270.0	0.00	
8.74	2.72	YES						
L0029550		2	0.55525E-04	443649.2	3769969.4	270.0	0.00	
8.74	2.72	YES						
L0029551		2	0.55525E-04	443633.2	3769979.1	270.0	0.00	
8.74	2.72	YES						
L0029552		2	0.55525E-04	443617.4	3769989.3	270.0	0.00	
8.74	2.72	YES						
L0029553		2	0.55525E-04	443601.9	3770000.0	270.0	0.00	
8.74	2.72	YES						
L0029554		2	0.55525E-04	443586.4	3770010.6	270.0	0.00	
8.74	2.72	YES						
L0029555		2	0.55525E-04	443570.9	3770021.3	270.0	0.00	
8.74	2.72	YES						
L0029556		2	0.55525E-04	443555.5	3770032.0	270.0	0.00	
8.74	2.72	YES						
L0029557		2	0.55525E-04	443540.0	3770042.7	270.0	0.00	
8.74	2.72	YES						
L0029558		2	0.55525E-04	443524.5	3770053.3	270.0	0.00	
8.74	2.72	YES						
L0029559		2	0.55525E-04	443509.0	3770064.0	270.0	0.00	
8.74	2.72	YES						
L0029560		2	0.55525E-04	443493.6	3770074.7	270.0	0.00	
8.74	2.72	YES						
L0029561		2	0.55525E-04	443478.1	3770085.4	270.0	0.00	
8.74	2.72	YES						
L0029562		2	0.55525E-04	443462.6	3770096.0	270.0	0.00	
8.74	2.72	YES						
L0029563		2	0.55525E-04	443447.1	3770106.7	270.0	0.00	
8.74	2.72	YES						
L0029564		2	0.55525E-04	443431.7	3770117.4	270.0	0.00	
8.74	2.72	YES						
L0029565		2	0.55525E-04	443416.3	3770128.2	270.0	0.00	
8.74	2.72	YES						
L0029566		2	0.55525E-04	443400.9	3770139.0	270.0	0.00	
8.74	2.72	YES						
L0029567		2	0.55525E-04	443385.5	3770149.8	270.0	0.00	
8.74	2.72	YES						
L0029568		2	0.55525E-04	443370.1	3770160.5	270.0	0.00	
8.74	2.72	YES						
L0029569		2	0.55525E-04	443354.7	3770171.3	270.0	0.00	
8.74	2.72	YES						
L0029570		2	0.55525E-04	443339.3	3770182.1	270.0	0.00	
8.74	2.72	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0029571	2	0.55525E-04	443323.9	3770192.9	270.0	0.00	8.74	2.72	YES
L0029572	2	0.55525E-04	443308.5	3770203.7	270.0	0.00	8.74	2.72	YES
L0029573	2	0.55525E-04	443293.1	3770214.5	270.0	0.00	8.74	2.72	YES
L0029574	2	0.55525E-04	443277.7	3770225.2	270.0	0.00	8.74	2.72	YES
L0029575	2	0.55525E-04	443262.3	3770236.0	270.0	0.00	8.74	2.72	YES
L0029576	2	0.55525E-04	443246.9	3770246.8	270.0	0.00	8.74	2.72	YES
L0029577	2	0.55525E-04	443231.5	3770257.6	270.0	0.00	8.74	2.72	YES
L0029578	2	0.55525E-04	443216.1	3770268.4	270.0	0.00	8.74	2.72	YES
L0029579	2	0.55525E-04	443200.7	3770279.1	270.0	0.00	8.74	2.72	YES
L0029580	2	0.55525E-04	443185.3	3770289.9	270.0	0.00	8.74	2.72	YES
L0029581	2	0.55525E-04	443169.9	3770300.7	270.0	0.00	8.74	2.72	YES
L0029582	2	0.55525E-04	443154.5	3770311.5	270.0	0.00	8.74	2.72	YES
L0029583	2	0.55525E-04	443139.0	3770322.3	270.0	0.00	8.74	2.72	YES
L0029584	2	0.55525E-04	443123.6	3770333.0	270.0	0.00	8.74	2.72	YES
L0029585	2	0.55525E-04	443108.2	3770343.8	270.0	0.00	8.74	2.72	YES
L0029586	2	0.55525E-04	443092.8	3770354.6	270.0	0.00	8.74	2.72	YES

L0029587		2	0.55525E-04	443077.4	3770365.4	270.0	0.00
8.74	2.72	YES					
L0029588		2	0.55525E-04	443062.0	3770376.2	270.0	0.00
8.74	2.72	YES					
L0029589		2	0.55525E-04	443046.6	3770386.9	270.0	0.00
8.74	2.72	YES					
L0029590		2	0.55525E-04	443031.2	3770397.7	270.0	0.00
8.74	2.72	YES					
L0029591		2	0.55525E-04	443015.8	3770408.5	270.0	0.00
8.74	2.72	YES					
L0029592		2	0.55525E-04	443000.4	3770419.3	270.0	0.00
8.74	2.72	YES					
L0029593		2	0.55525E-04	442985.0	3770430.1	270.0	0.00
8.74	2.72	YES					
L0029594		2	0.55816E-04	443012.0	3770445.2	270.0	0.00
8.74	2.72	YES					
L0029595		2	0.55816E-04	443027.3	3770434.2	270.0	0.00
8.74	2.72	YES					
L0029596		2	0.55816E-04	443042.6	3770423.3	270.0	0.00
8.74	2.72	YES					
L0029597		2	0.55816E-04	443057.9	3770412.4	270.0	0.00
8.74	2.72	YES					
L0029598		2	0.55816E-04	443073.2	3770401.4	270.0	0.00
8.74	2.72	YES					
L0029599		2	0.55816E-04	443088.4	3770390.5	270.0	0.00
8.74	2.72	YES					
L0029600		2	0.55816E-04	443103.7	3770379.5	270.0	0.00
8.74	2.72	YES					
L0029601		2	0.55816E-04	443119.0	3770368.6	270.0	0.00
8.74	2.72	YES					
L0029602		2	0.55816E-04	443134.3	3770357.6	270.0	0.00
8.74	2.72	YES					
L0029603		2	0.55816E-04	443149.6	3770346.7	270.0	0.00
8.74	2.72	YES					
L0029604		2	0.55816E-04	443164.9	3770335.7	270.0	0.00
8.74	2.72	YES					
L0029605		2	0.55816E-04	443180.1	3770324.8	270.0	0.00
8.74	2.72	YES					
L0029606		2	0.55816E-04	443195.5	3770313.9	270.0	0.00
8.74	2.72	YES					
L0029607		2	0.55816E-04	443210.9	3770303.1	270.0	0.00
8.74	2.72	YES					
L0029608		2	0.55816E-04	443226.2	3770292.3	270.0	0.00
8.74	2.72	YES					
L0029609		2	0.55816E-04	443241.6	3770281.4	270.0	0.00
8.74	2.72	YES					
L0029610		2	0.55816E-04	443257.0	3770270.6	270.0	0.00
8.74	2.72	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0029611	2	0.55816E-04	443272.3	3770259.8	270.0	0.00	8.74	2.72	YES
L0029612	2	0.55816E-04	443287.7	3770248.9	270.0	0.00	8.74	2.72	YES
L0029613	2	0.55816E-04	443303.0	3770238.0	270.0	0.00	8.74	2.72	YES
L0029614	2	0.55816E-04	443318.2	3770226.9	270.0	0.00	8.74	2.72	YES
L0029615	2	0.55816E-04	443333.3	3770215.8	270.0	0.00	8.74	2.72	YES
L0029616	2	0.55816E-04	443348.5	3770204.7	270.0	0.00	8.74	2.72	YES
L0029617	2	0.55816E-04	443363.7	3770193.6	270.0	0.00	8.74	2.72	YES
L0029618	2	0.55816E-04	443378.9	3770182.5	270.0	0.00	8.74	2.72	YES
L0029619	2	0.55816E-04	443394.0	3770171.4	270.0	0.00	8.74	2.72	YES
L0029620	2	0.55816E-04	443409.2	3770160.3	270.0	0.00	8.74	2.72	YES
L0029621	2	0.55816E-04	443424.4	3770149.2	270.0	0.00	8.74	2.72	YES
L0029622	2	0.55816E-04	443439.6	3770138.1	270.0	0.00	8.74	2.72	YES
L0029623	2	0.55816E-04	443454.8	3770127.0	270.0	0.00	8.74	2.72	YES
L0029624	2	0.55816E-04	443469.9	3770115.9	270.0	0.00	8.74	2.72	YES
L0029625	2	0.55816E-04	443485.1	3770104.8	270.0	0.00	8.74	2.72	YES
L0029626	2	0.55816E-04	443500.3	3770093.8	270.0	0.00	8.74	2.72	YES

L0029627		2	0.55816E-04	443515.5	3770082.7	270.0	0.00	
8.74	2.72	YES						
L0029628		2	0.55816E-04	443530.6	3770071.6	270.0	0.00	
8.74	2.72	YES						
L0029629		2	0.55816E-04	443545.8	3770060.5	270.0	0.00	
8.74	2.72	YES						
L0029630		2	0.55816E-04	443561.0	3770049.4	270.0	0.00	
8.74	2.72	YES						
L0029631		2	0.55816E-04	443576.2	3770038.3	270.0	0.00	
8.74	2.72	YES						
L0029632		2	0.55816E-04	443591.3	3770027.2	270.0	0.00	
8.74	2.72	YES						
L0029633		2	0.55816E-04	443606.5	3770016.1	270.0	0.00	
8.74	2.72	YES						
L0029634		2	0.55816E-04	443621.7	3770005.0	270.0	0.00	
8.74	2.72	YES						
L0029635		2	0.55816E-04	443637.1	3769994.2	270.0	0.00	
8.74	2.72	YES						
L0029636		2	0.55816E-04	443653.3	3769984.7	270.0	0.00	
8.74	2.72	YES						
L0029637		2	0.55816E-04	443669.5	3769975.2	270.0	0.00	
8.74	2.72	YES						
L0029638		2	0.55816E-04	443685.7	3769965.7	270.0	0.00	
8.74	2.72	YES						
L0029639		2	0.55816E-04	443701.9	3769956.1	270.0	0.00	
8.74	2.72	YES						
L0029640		2	0.55816E-04	443718.1	3769946.6	270.0	0.00	
8.74	2.72	YES						
L0029641		2	0.55816E-04	443734.4	3769937.3	270.0	0.00	
8.74	2.72	YES						
L0029642		2	0.55816E-04	443750.8	3769928.0	270.0	0.00	
8.74	2.72	YES						
L0029643		2	0.55816E-04	443767.2	3769918.8	270.0	0.00	
8.74	2.72	YES						
L0029644		2	0.55816E-04	443783.5	3769909.5	270.0	0.00	
8.74	2.72	YES						
L0029645		2	0.55816E-04	443799.9	3769900.2	270.0	0.00	
8.74	2.72	YES						
L0029646		2	0.55816E-04	443816.3	3769891.0	270.0	0.00	
8.74	2.72	YES						
L0029647		2	0.55816E-04	443832.6	3769881.7	270.0	0.00	
8.74	2.72	YES						
L0029648		2	0.55816E-04	443849.2	3769872.9	270.0	0.00	
8.74	2.72	YES						
L0029649		2	0.55816E-04	443866.3	3769865.0	270.0	0.00	
8.74	2.72	YES						
L0029650		2	0.55816E-04	443883.4	3769857.1	270.0	0.00	
8.74	2.72	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0029651	2	0.55816E-04	443900.4	3769849.3	270.0	0.00	8.74	2.72	YES
L0029652	2	0.55816E-04	443917.5	3769841.4	270.0	0.00	8.74	2.72	YES
L0029653	2	0.55816E-04	443934.6	3769833.5	270.0	0.00	8.74	2.72	YES
L0029654	2	0.55816E-04	443951.6	3769825.7	270.0	0.00	8.74	2.72	YES
L0029655	2	0.55816E-04	443968.7	3769817.8	270.0	0.00	8.74	2.72	YES
L0029656	2	0.55816E-04	443985.8	3769809.9	270.0	0.00	8.74	2.72	YES
L0029657	2	0.55816E-04	444002.9	3769802.0	270.0	0.00	8.74	2.72	YES
L0029658	2	0.55816E-04	444020.0	3769794.2	270.0	0.00	8.74	2.72	YES
L0029659	2	0.55816E-04	444038.1	3769789.3	270.0	0.00	8.74	2.72	YES
L0029660	2	0.55816E-04	444056.3	3769784.5	270.0	0.00	8.74	2.72	YES
L0029661	2	0.55816E-04	444074.4	3769779.6	270.0	0.00	8.74	2.72	YES
L0029662	2	0.55816E-04	444092.6	3769774.7	270.0	0.00	8.74	2.72	YES
L0029663	2	0.55816E-04	444110.7	3769769.8	270.0	0.00	8.74	2.72	YES
L0029664	2	0.55816E-04	444128.9	3769764.9	270.0	0.00	8.74	2.72	YES
L0029665	2	0.55816E-04	444147.0	3769760.0	270.0	0.00	8.74	2.72	YES
L0029666	2	0.55816E-04	444165.2	3769755.1	270.0	0.00	8.74	2.72	YES

L0029667		2	0.55816E-04	444183.3	3769750.2	270.0	0.00	
8.74	2.72	YES						
L0029668		2	0.55816E-04	444201.5	3769745.3	270.0	0.00	
8.74	2.72	YES						
L0029669		2	0.55816E-04	444219.6	3769740.4	270.0	0.00	
8.74	2.72	YES						
L0029670		2	0.55816E-04	444237.8	3769735.5	270.0	0.00	
8.74	2.72	YES						
L0029671		2	0.55816E-04	444255.9	3769730.6	270.0	0.00	
8.74	2.72	YES						
L0029672		2	0.55816E-04	444274.1	3769725.7	270.0	0.00	
8.74	2.72	YES						
L0029673		2	0.55816E-04	444292.2	3769720.8	270.0	0.00	
8.74	2.72	YES						
L0029674		2	0.55816E-04	444310.4	3769715.9	270.0	0.00	
8.74	2.72	YES						
L0029675		2	0.55816E-04	444328.6	3769711.2	270.0	0.00	
8.74	2.72	YES						
L0029676		2	0.55816E-04	444347.2	3769708.7	270.0	0.00	
8.74	2.72	YES						
L0029677		2	0.55816E-04	444365.8	3769706.1	270.0	0.00	
8.74	2.72	YES						
L0029678		2	0.55816E-04	444384.5	3769703.6	270.0	0.00	
8.74	2.72	YES						
L0029679		2	0.55816E-04	444403.1	3769701.1	270.0	0.00	
8.74	2.72	YES						
L0029680		2	0.55816E-04	444421.7	3769698.6	270.0	0.00	
8.74	2.72	YES						
L0029681		2	0.55816E-04	444440.3	3769696.0	270.0	0.00	
8.74	2.72	YES						
L0029682		2	0.55816E-04	444459.0	3769693.5	270.0	0.00	
8.74	2.72	YES						
L0029683		2	0.55816E-04	444477.6	3769691.0	270.0	0.00	
8.74	2.72	YES						
L0029684		2	0.55816E-04	444496.2	3769688.4	270.0	0.00	
8.74	2.72	YES						
L0029685		2	0.55816E-04	444514.9	3769685.9	270.0	0.00	
8.74	2.72	YES						
L0029686		2	0.55816E-04	444533.5	3769683.4	270.0	0.00	
8.74	2.72	YES						
L0029687		2	0.55816E-04	444552.1	3769680.9	270.0	0.00	
8.74	2.72	YES						
L0029688		2	0.55816E-04	444570.8	3769678.4	270.0	0.00	
8.74	2.72	YES						
L0029689		2	0.55816E-04	444589.5	3769676.7	270.0	0.00	
8.74	2.72	YES						
L0029690		2	0.55816E-04	444608.2	3769675.0	270.0	0.00	
8.74	2.72	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0029691	2	0.55816E-04	444626.9	3769673.4	270.0	0.00	8.74	2.72	YES
L0029692	2	0.55816E-04	444645.7	3769671.7	270.0	0.00	8.74	2.72	YES
L0029693	2	0.55816E-04	444664.4	3769670.0	270.0	0.00	8.74	2.72	YES
L0029694	2	0.55816E-04	444683.1	3769668.3	270.0	0.00	8.74	2.72	YES
L0029695	2	0.55816E-04	444701.8	3769666.7	270.0	0.00	8.74	2.72	YES
L0029696	2	0.55816E-04	444720.6	3769665.0	270.0	0.00	8.74	2.72	YES
L0029697	2	0.55816E-04	444739.3	3769663.3	270.0	0.00	8.74	2.72	YES
L0029698	2	0.55816E-04	444758.0	3769661.9	270.0	0.00	8.74	2.72	YES
L0029699	2	0.55816E-04	444776.8	3769660.5	270.0	0.00	8.74	2.72	YES
L0029700	2	0.55816E-04	444795.5	3769659.2	270.0	0.00	8.74	2.72	YES
L0029701	2	0.55816E-04	444814.3	3769657.8	270.0	0.00	8.74	2.72	YES
L0029702	2	0.55816E-04	444833.0	3769656.5	270.0	0.00	8.74	2.72	YES
L0029703	2	0.55816E-04	444851.8	3769654.8	270.0	0.00	8.74	2.72	YES
L0029704	2	0.55816E-04	444870.4	3769652.5	270.0	0.00	8.74	2.72	YES
L0029705	2	0.55816E-04	444889.1	3769650.1	270.0	0.00	8.74	2.72	YES
L0029706	2	0.55816E-04	444907.7	3769647.7	270.0	0.00	8.74	2.72	YES

L0029707		2	0.55816E-04	444926.3	3769645.3	270.0	0.00
8.74	2.72	YES					
L0029708		2	0.55816E-04	444945.0	3769642.9	270.0	0.00
8.74	2.72	YES					
L0029709		2	0.55816E-04	444963.6	3769640.6	270.0	0.00
8.74	2.72	YES					
L0029710		2	0.55816E-04	444982.3	3769638.2	270.0	0.00
8.74	2.72	YES					
L0029711		2	0.55816E-04	445001.0	3769636.7	270.0	0.00
8.74	2.72	YES					
L0029712		2	0.55816E-04	445019.8	3769635.4	270.0	0.00
8.74	2.72	YES					
L0029713		2	0.55816E-04	445038.5	3769634.2	270.0	0.00
8.74	2.72	YES					
L0029714		2	0.55816E-04	445057.3	3769632.9	270.0	0.00
8.74	2.72	YES					
L0029715		2	0.55816E-04	445076.1	3769631.6	270.0	0.00
8.74	2.72	YES					
L0029716		2	0.55816E-04	445094.8	3769630.4	270.0	0.00
8.74	2.72	YES					
L0029717		2	0.55816E-04	445113.6	3769629.1	270.0	0.00
8.74	2.72	YES					
L0029718		2	0.55816E-04	445132.3	3769627.9	270.0	0.00
8.74	2.72	YES					
L0029719		2	0.55816E-04	445151.1	3769627.4	270.0	0.00
8.74	2.72	YES					
L0029720		2	0.55816E-04	445169.9	3769627.0	270.0	0.00
8.74	2.72	YES					
L0029721		2	0.55816E-04	445188.7	3769626.6	270.0	0.00
8.74	2.72	YES					
L0029722		2	0.55816E-04	445207.5	3769626.2	270.0	0.00
8.74	2.72	YES					
L0029723		2	0.55816E-04	445226.3	3769625.8	270.0	0.00
8.74	2.72	YES					
L0029724		2	0.55816E-04	445245.1	3769625.5	270.0	0.00
8.74	2.72	YES					
L0029725		2	0.55816E-04	445263.9	3769625.4	270.0	0.00
8.74	2.72	YES					
L0029726		2	0.55816E-04	445282.7	3769625.3	270.0	0.00
8.74	2.72	YES					
L0029727		2	0.55816E-04	445301.5	3769625.2	270.0	0.00
8.74	2.72	YES					
L0029728		2	0.55816E-04	445320.3	3769625.0	270.0	0.00
8.74	2.72	YES					
L0029729		2	0.55816E-04	445339.1	3769624.9	270.0	0.00
8.74	2.72	YES					
L0029730		2	0.55816E-04	445357.9	3769624.8	270.0	0.00
8.74	2.72	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0029731	2	0.55816E-04	445376.7	3769624.7	270.0	0.00	8.74	2.72	YES
L0029732	2	0.55816E-04	445395.5	3769624.6	270.0	0.00	8.74	2.72	YES
L0029733	2	0.55816E-04	445414.3	3769624.4	270.0	0.00	8.74	2.72	YES
L0029734	2	0.55816E-04	445433.1	3769624.3	270.0	0.00	8.74	2.72	YES
L0029735	2	0.51900E-05	443697.5	3769892.2	270.0	0.00	4.19	2.38	YES
L0029736	2	0.51900E-05	443705.8	3769888.7	270.0	0.00	4.19	2.38	YES
L0029737	2	0.51900E-05	443714.1	3769885.1	270.0	0.00	4.19	2.38	YES
L0029738	2	0.51900E-05	443722.3	3769881.6	270.0	0.00	4.19	2.38	YES
L0029739	2	0.51900E-05	443730.6	3769878.1	270.0	0.00	4.19	2.38	YES
L0029740	2	0.51900E-05	443738.9	3769874.6	270.0	0.00	4.19	2.38	YES
L0029741	2	0.51900E-05	443747.2	3769871.1	270.0	0.00	4.19	2.38	YES
L0029742	2	0.51900E-05	443755.5	3769867.6	270.0	0.00	4.19	2.38	YES
L0029743	2	0.51900E-05	443763.8	3769864.0	270.0	0.00	4.19	2.38	YES
L0029744	2	0.51900E-05	443772.1	3769860.5	270.0	0.00	4.19	2.38	YES
L0029745	2	0.51900E-05	443780.3	3769857.0	270.0	0.00	4.19	2.38	YES
L0029746	2	0.51900E-05	443788.6	3769853.5	270.0	0.00	4.19	2.38	YES

L0029747		2	0.51900E-05	443796.9	3769850.0	270.0	0.00	
4.19	2.38	YES						
L0029748		2	0.51900E-05	443805.2	3769846.4	270.0	0.00	
4.19	2.38	YES						
L0029749		2	0.51900E-05	443813.5	3769842.9	270.0	0.00	
4.19	2.38	YES						
L0029750		2	0.51900E-05	443821.8	3769839.4	270.0	0.00	
4.19	2.38	YES						
L0029751		2	0.51900E-05	443829.9	3769835.7	270.0	0.00	
4.19	2.38	YES						
L0029752		2	0.51900E-05	443837.8	3769831.3	270.0	0.00	
4.19	2.38	YES						
L0029753		2	0.51900E-05	443845.7	3769827.0	270.0	0.00	
4.19	2.38	YES						
L0029754		2	0.51900E-05	443853.6	3769822.6	270.0	0.00	
4.19	2.38	YES						
L0029755		2	0.51900E-05	443861.5	3769818.3	270.0	0.00	
4.19	2.38	YES						
L0029756		2	0.51900E-05	443869.3	3769813.9	270.0	0.00	
4.19	2.38	YES						
L0029757		2	0.51900E-05	443877.2	3769809.6	270.0	0.00	
4.19	2.38	YES						
L0029758		2	0.51900E-05	443885.1	3769805.2	270.0	0.00	
4.19	2.38	YES						
L0029759		2	0.51900E-05	443893.2	3769801.3	270.0	0.00	
4.19	2.38	YES						
L0029760		2	0.51900E-05	443901.7	3769798.6	270.0	0.00	
4.19	2.38	YES						
L0029761		2	0.51900E-05	443910.3	3769795.8	270.0	0.00	
4.19	2.38	YES						
L0029762		2	0.51900E-05	443918.9	3769793.1	270.0	0.00	
4.19	2.38	YES						
L0029763		2	0.51900E-05	443927.4	3769790.3	270.0	0.00	
4.19	2.38	YES						
L0029764		2	0.51900E-05	443936.0	3769787.6	270.0	0.00	
4.19	2.38	YES						
L0029765		2	0.51900E-05	443944.6	3769784.8	270.0	0.00	
4.19	2.38	YES						
L0029766		2	0.51900E-05	443953.1	3769782.1	270.0	0.00	
4.19	2.38	YES						
L0029767		2	0.51900E-05	443961.7	3769779.3	270.0	0.00	
4.19	2.38	YES						
L0029768		2	0.51900E-05	443970.3	3769776.6	270.0	0.00	
4.19	2.38	YES						
L0029769		2	0.51900E-05	443978.9	3769773.8	270.0	0.00	
4.19	2.38	YES						
L0029770		2	0.51900E-05	443987.4	3769771.1	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0029771	2	0.51900E-05	443996.0	3769768.3	270.0	0.00	4.19	2.38	YES
L0029772	2	0.51900E-05	444004.6	3769765.6	270.0	0.00	4.19	2.38	YES
L0029773	2	0.51900E-05	444013.1	3769762.8	270.0	0.00	4.19	2.38	YES
L0029774	2	0.51900E-05	444021.7	3769760.1	270.0	0.00	4.19	2.38	YES
L0029775	2	0.51900E-05	444030.3	3769757.3	270.0	0.00	4.19	2.38	YES
L0029776	2	0.51900E-05	444038.8	3769754.6	270.0	0.00	4.19	2.38	YES
L0029777	2	0.51900E-05	444047.4	3769751.8	270.0	0.00	4.19	2.38	YES
L0029778	2	0.51900E-05	444056.0	3769749.1	270.0	0.00	4.19	2.38	YES
L0029779	2	0.51900E-05	444064.6	3769746.3	270.0	0.00	4.19	2.38	YES
L0029780	2	0.51900E-05	444073.1	3769743.6	270.0	0.00	4.19	2.38	YES
L0029781	2	0.51900E-05	444081.7	3769740.8	270.0	0.00	4.19	2.38	YES
L0029782	2	0.51900E-05	444090.3	3769738.1	270.0	0.00	4.19	2.38	YES
L0029783	2	0.51900E-05	444098.8	3769735.4	270.0	0.00	4.19	2.38	YES
L0029784	2	0.51900E-05	444107.4	3769732.6	270.0	0.00	4.19	2.38	YES
L0029785	2	0.51900E-05	444116.0	3769729.9	270.0	0.00	4.19	2.38	YES
L0029786	2	0.51900E-05	444124.5	3769727.1	270.0	0.00	4.19	2.38	YES

L0029787		2	0.51900E-05	444133.1	3769724.4	270.0	0.00
4.19	2.38	YES					
L0029788		2	0.51900E-05	444141.7	3769721.6	270.0	0.00
4.19	2.38	YES					
L0029789		2	0.51900E-05	444150.3	3769718.9	270.0	0.00
4.19	2.38	YES					
L0029790		2	0.51900E-05	444158.8	3769716.1	270.0	0.00
4.19	2.38	YES					
L0029791		2	0.51900E-05	444167.4	3769713.4	270.0	0.00
4.19	2.38	YES					
L0029792		2	0.51900E-05	444176.0	3769710.6	270.0	0.00
4.19	2.38	YES					
L0029793		2	0.51900E-05	444184.5	3769707.9	270.0	0.00
4.19	2.38	YES					
L0029794		2	0.51900E-05	444193.1	3769705.1	270.0	0.00
4.19	2.38	YES					
L0029795		2	0.51900E-05	444201.7	3769702.5	270.0	0.00
4.19	2.38	YES					
L0029796		2	0.51900E-05	444210.4	3769700.1	270.0	0.00
4.19	2.38	YES					
L0029797		2	0.51900E-05	444219.1	3769697.7	270.0	0.00
4.19	2.38	YES					
L0029798		2	0.51900E-05	444227.7	3769695.2	270.0	0.00
4.19	2.38	YES					
L0029799		2	0.51900E-05	444236.4	3769692.8	270.0	0.00
4.19	2.38	YES					
L0029800		2	0.51900E-05	444245.0	3769690.3	270.0	0.00
4.19	2.38	YES					
L0029801		2	0.51900E-05	444253.7	3769687.9	270.0	0.00
4.19	2.38	YES					
L0029802		2	0.51900E-05	444262.4	3769685.5	270.0	0.00
4.19	2.38	YES					
L0029803		2	0.51900E-05	444271.0	3769683.0	270.0	0.00
4.19	2.38	YES					
L0029804		2	0.51900E-05	444279.7	3769680.6	270.0	0.00
4.19	2.38	YES					
L0029805		2	0.51900E-05	444288.4	3769678.2	270.0	0.00
4.19	2.38	YES					
L0029806		2	0.51900E-05	444297.0	3769675.7	270.0	0.00
4.19	2.38	YES					
L0029807		2	0.51900E-05	444305.7	3769673.3	270.0	0.00
4.19	2.38	YES					
L0029808		2	0.51900E-05	444314.4	3769670.8	270.0	0.00
4.19	2.38	YES					
L0029809		2	0.51900E-05	444323.0	3769668.4	270.0	0.00
4.19	2.38	YES					
L0029810		2	0.51900E-05	444331.7	3769666.0	270.0	0.00
4.19	2.38	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0029811	2	0.51900E-05	444340.3	3769663.5	270.0	0.00	4.19	2.38	YES
L0029812	2	0.51900E-05	444349.0	3769661.1	270.0	0.00	4.19	2.38	YES
L0029813	2	0.51900E-05	444357.7	3769658.7	270.0	0.00	4.19	2.38	YES
L0029814	2	0.71430E-05	443438.2	3770102.8	270.0	0.00	4.19	2.38	YES
L0029815	2	0.71430E-05	443445.1	3770097.0	270.0	0.00	4.19	2.38	YES
L0029816	2	0.71430E-05	443451.9	3770091.2	270.0	0.00	4.19	2.38	YES
L0029817	2	0.71430E-05	443458.8	3770085.5	270.0	0.00	4.19	2.38	YES
L0029818	2	0.71430E-05	443465.7	3770079.7	270.0	0.00	4.19	2.38	YES
L0029819	2	0.71430E-05	443472.6	3770073.9	270.0	0.00	4.19	2.38	YES
L0029820	2	0.71430E-05	443479.5	3770068.1	270.0	0.00	4.19	2.38	YES
L0029821	2	0.71430E-05	443486.4	3770062.3	270.0	0.00	4.19	2.38	YES
L0029822	2	0.71430E-05	443493.3	3770056.5	270.0	0.00	4.19	2.38	YES
L0029823	2	0.71430E-05	443500.1	3770050.7	270.0	0.00	4.19	2.38	YES
L0029824	2	0.71430E-05	443507.0	3770044.9	270.0	0.00	4.19	2.38	YES
L0029825	2	0.71430E-05	443513.9	3770039.1	270.0	0.00	4.19	2.38	YES
L0029826	2	0.71430E-05	443520.3	3770032.7	270.0	0.00	4.19	2.38	YES

L0029827		2	0.71430E-05	443526.6	3770026.4	270.0	0.00
4.19	2.38	YES					
L0029828		2	0.71430E-05	443533.0	3770020.0	270.0	0.00
4.19	2.38	YES					
L0029829		2	0.71430E-05	443539.4	3770013.6	270.0	0.00
4.19	2.38	YES					
L0029830		2	0.71430E-05	443545.8	3770007.3	270.0	0.00
4.19	2.38	YES					
L0029831		2	0.71430E-05	443552.1	3770000.9	270.0	0.00
4.19	2.38	YES					
L0029832		2	0.71430E-05	443558.5	3769994.6	270.0	0.00
4.19	2.38	YES					
L0029833		2	0.71430E-05	443564.9	3769988.3	270.0	0.00
4.19	2.38	YES					
L0029834		2	0.71430E-05	443571.5	3769982.1	270.0	0.00
4.19	2.38	YES					
L0029835		2	0.71430E-05	443578.0	3769975.9	270.0	0.00
4.19	2.38	YES					
L0029836		2	0.71430E-05	443584.6	3769969.8	270.0	0.00
4.19	2.38	YES					
L0029837		2	0.71430E-05	443591.1	3769963.6	270.0	0.00
4.19	2.38	YES					
L0029838		2	0.71430E-05	443597.6	3769957.4	270.0	0.00
4.19	2.38	YES					
L0029839		2	0.71430E-05	443604.2	3769951.2	270.0	0.00
4.19	2.38	YES					
L0029840		2	0.71430E-05	443611.0	3769945.4	270.0	0.00
4.19	2.38	YES					
L0029841		2	0.71430E-05	443617.9	3769939.5	270.0	0.00
4.19	2.38	YES					
L0029842		2	0.71430E-05	443624.7	3769933.6	270.0	0.00
4.19	2.38	YES					
L0029843		2	0.71430E-05	443631.9	3769928.3	270.0	0.00
4.19	2.38	YES					
L0029844		2	0.71430E-05	443640.0	3769924.4	270.0	0.00
4.19	2.38	YES					
L0029845		2	0.71430E-05	443648.1	3769920.5	270.0	0.00
4.19	2.38	YES					
L0029846		2	0.71430E-05	443656.2	3769916.6	270.0	0.00
4.19	2.38	YES					
L0029847		2	0.71430E-05	443664.3	3769912.7	270.0	0.00
4.19	2.38	YES					
L0029848		2	0.71430E-05	443672.5	3769908.9	270.0	0.00
4.19	2.38	YES					
L0029849		2	0.44230E-05	443741.2	3770047.3	270.0	0.00
4.19	2.38	YES					
L0029850		2	0.44230E-05	443749.9	3770044.8	270.0	0.00
4.19	2.38	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0029851	2	0.44230E-05	443758.5	3770042.3	270.0	0.00	4.19	2.38	YES
L0029852	2	0.44230E-05	443767.2	3770039.8	270.0	0.00	4.19	2.38	YES
L0029853	2	0.44230E-05	443775.8	3770037.4	270.0	0.00	4.19	2.38	YES
L0029854	2	0.44230E-05	443784.5	3770034.9	270.0	0.00	4.19	2.38	YES
L0029855	2	0.44230E-05	443793.1	3770032.4	270.0	0.00	4.19	2.38	YES
L0029856	2	0.44230E-05	443801.7	3770029.9	270.0	0.00	4.19	2.38	YES
L0029857	2	0.44230E-05	443810.4	3770027.4	270.0	0.00	4.19	2.38	YES
L0029858	2	0.44230E-05	443817.9	3770022.8	270.0	0.00	4.19	2.38	YES
L0029859	2	0.44230E-05	443824.9	3770017.1	270.0	0.00	4.19	2.38	YES
L0029860	2	0.44230E-05	443831.9	3770011.4	270.0	0.00	4.19	2.38	YES
L0029861	2	0.44230E-05	443838.9	3770005.7	270.0	0.00	4.19	2.38	YES
L0029862	2	0.44230E-05	443845.1	3769999.5	270.0	0.00	4.19	2.38	YES
L0029863	2	0.44230E-05	443849.4	3769991.5	270.0	0.00	4.19	2.38	YES
L0029864	2	0.44230E-05	443853.6	3769983.6	270.0	0.00	4.19	2.38	YES
L0029865	2	0.44230E-05	443857.8	3769975.6	270.0	0.00	4.19	2.38	YES
L0029866	2	0.44230E-05	443858.9	3769967.2	270.0	0.00	4.19	2.38	YES

L0029867		2	0.44230E-05	443857.1	3769958.4	270.0	0.00
4.19	2.38	YES					
L0029868		2	0.44230E-05	443855.4	3769949.6	270.0	0.00
4.19	2.38	YES					
L0029869		2	0.44230E-05	443850.4	3769942.4	270.0	0.00
4.19	2.38	YES					
L0029870		2	0.44230E-05	443844.1	3769936.1	270.0	0.00
4.19	2.38	YES					
L0029871		2	0.44230E-05	443837.7	3769929.7	270.0	0.00
4.19	2.38	YES					
L0029872		2	0.44230E-05	443829.2	3769927.4	270.0	0.00
4.19	2.38	YES					
L0029873		2	0.44230E-05	443820.4	3769925.9	270.0	0.00
4.19	2.38	YES					
L0029874		2	0.44230E-05	443811.7	3769927.7	270.0	0.00
4.19	2.38	YES					
L0029875		2	0.44230E-05	443803.1	3769930.4	270.0	0.00
4.19	2.38	YES					
L0029876		2	0.44230E-05	443794.5	3769933.0	270.0	0.00
4.19	2.38	YES					
L0029877		2	0.44230E-05	443786.1	3769936.2	270.0	0.00
4.19	2.38	YES					
L0029878		2	0.44230E-05	443778.0	3769940.1	270.0	0.00
4.19	2.38	YES					
L0029879		2	0.44230E-05	443769.9	3769944.0	270.0	0.00
4.19	2.38	YES					
L0029880		2	0.44230E-05	443761.8	3769947.9	270.0	0.00
4.19	2.38	YES					
L0029881		2	0.44230E-05	443753.7	3769951.8	270.0	0.00
4.19	2.38	YES					
L0029882		2	0.44230E-05	443745.5	3769955.7	270.0	0.00
4.19	2.38	YES					
L0029883		2	0.44230E-05	443737.4	3769959.6	270.0	0.00
4.19	2.38	YES					
L0029884		2	0.44230E-05	443729.3	3769963.5	270.0	0.00
4.19	2.38	YES					
L0029885		2	0.44230E-05	443721.2	3769967.4	270.0	0.00
4.19	2.38	YES					
L0029886		2	0.44230E-05	443713.1	3769971.3	270.0	0.00
4.19	2.38	YES					
L0029887		2	0.44230E-05	443705.0	3769975.2	270.0	0.00
4.19	2.38	YES					
L0029888		2	0.44230E-05	443697.0	3769979.3	270.0	0.00
4.19	2.38	YES					
L0029889		2	0.44230E-05	443689.4	3769984.1	270.0	0.00
4.19	2.38	YES					
L0029890		2	0.44230E-05	443681.7	3769988.8	270.0	0.00
4.19	2.38	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0029891	2	0.44230E-05	443674.1	3769993.6	270.0	0.00	4.19	2.38	YES
L0029892	2	0.44230E-05	443666.5	3769998.4	270.0	0.00	4.19	2.38	YES
L0029893	2	0.44230E-05	443658.9	3770003.2	270.0	0.00	4.19	2.38	YES
L0029894	2	0.44230E-05	443651.2	3770008.0	270.0	0.00	4.19	2.38	YES
L0029895	2	0.44230E-05	443643.6	3770012.8	270.0	0.00	4.19	2.38	YES
L0029896	2	0.44230E-05	443636.0	3770017.5	270.0	0.00	4.19	2.38	YES
L0029897	2	0.44230E-05	443628.4	3770022.3	270.0	0.00	4.19	2.38	YES
L0029898	2	0.44230E-05	443620.7	3770027.1	270.0	0.00	4.19	2.38	YES
L0029899	2	0.44230E-05	443613.1	3770031.9	270.0	0.00	4.19	2.38	YES
L0029900	2	0.44230E-05	443605.5	3770036.7	270.0	0.00	4.19	2.38	YES
L0029901	2	0.42860E-05	443691.2	3770111.8	270.0	0.00	4.19	2.38	YES
L0029902	2	0.42860E-05	443688.5	3770103.2	270.0	0.00	4.19	2.38	YES
L0029903	2	0.42860E-05	443685.8	3770094.6	270.0	0.00	4.19	2.38	YES
L0029904	2	0.42860E-05	443682.8	3770086.1	270.0	0.00	4.19	2.38	YES
L0029905	2	0.42860E-05	443679.7	3770077.7	270.0	0.00	4.19	2.38	YES
L0029906	2	0.42860E-05	443675.3	3770070.0	270.0	0.00	4.19	2.38	YES

L0029907		2	0.42860E-05	443669.0	3770063.6	270.0	0.00
4.19	2.38	YES					
L0029908		2	0.42860E-05	443662.7	3770057.1	270.0	0.00
4.19	2.38	YES					
L0029909		2	0.42860E-05	443654.8	3770053.1	270.0	0.00
4.19	2.38	YES					
L0029910		2	0.42860E-05	443646.5	3770049.6	270.0	0.00
4.19	2.38	YES					
L0029911		2	0.42860E-05	443637.8	3770047.4	270.0	0.00
4.19	2.38	YES					
L0029912		2	0.42860E-05	443629.1	3770045.3	270.0	0.00
4.19	2.38	YES					
L0029913		2	0.42860E-05	443620.2	3770045.3	270.0	0.00
4.19	2.38	YES					
L0029914		2	0.42860E-05	443611.4	3770046.9	270.0	0.00
4.19	2.38	YES					
L0029915		2	0.42860E-05	443602.9	3770049.6	270.0	0.00
4.19	2.38	YES					
L0029916		2	0.42860E-05	443594.9	3770053.7	270.0	0.00
4.19	2.38	YES					
L0029917		2	0.42860E-05	443586.7	3770057.5	270.0	0.00
4.19	2.38	YES					
L0029918		2	0.42860E-05	443578.5	3770061.2	270.0	0.00
4.19	2.38	YES					
L0029919		2	0.42860E-05	443570.7	3770065.6	270.0	0.00
4.19	2.38	YES					
L0029920		2	0.42860E-05	443563.0	3770070.2	270.0	0.00
4.19	2.38	YES					
L0029921		2	0.42860E-05	443555.2	3770074.8	270.0	0.00
4.19	2.38	YES					
L0029922		2	0.42860E-05	443547.5	3770079.4	270.0	0.00
4.19	2.38	YES					
L0029923		2	0.42860E-05	443539.8	3770084.1	270.0	0.00
4.19	2.38	YES					
L0029924		2	0.42860E-05	443532.0	3770088.7	270.0	0.00
4.19	2.38	YES					
L0029925		2	0.42860E-05	443524.3	3770093.3	270.0	0.00
4.19	2.38	YES					
L0029926		2	0.42860E-05	443516.6	3770097.9	270.0	0.00
4.19	2.38	YES					
L0029927		2	0.42860E-05	443508.8	3770102.5	270.0	0.00
4.19	2.38	YES					
L0029928		2	0.42860E-05	443501.1	3770107.1	270.0	0.00
4.19	2.38	YES					
L0029929		2	0.83870E-05	444158.3	3769774.4	270.0	0.00
4.19	2.38	YES					
L0029930		2	0.83870E-05	444150.0	3769777.9	270.0	0.00
4.19	2.38	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0029931	2	0.83870E-05	444141.7	3769781.4	270.0	0.00	4.19	2.38	YES
L0029932	2	0.83870E-05	444133.4	3769784.8	270.0	0.00	4.19	2.38	YES
L0029933	2	0.83870E-05	444125.1	3769788.3	270.0	0.00	4.19	2.38	YES
L0029934	2	0.83870E-05	444116.8	3769791.7	270.0	0.00	4.19	2.38	YES
L0029935	2	0.83870E-05	444108.5	3769795.2	270.0	0.00	4.19	2.38	YES
L0029936	2	0.83870E-05	444100.2	3769798.7	270.0	0.00	4.19	2.38	YES
L0029937	2	0.83870E-05	444091.9	3769802.1	270.0	0.00	4.19	2.38	YES
L0029938	2	0.83870E-05	444083.5	3769805.6	270.0	0.00	4.19	2.38	YES
L0029939	2	0.83870E-05	444075.2	3769809.1	270.0	0.00	4.19	2.38	YES
L0029940	2	0.83870E-05	444066.9	3769812.5	270.0	0.00	4.19	2.38	YES
L0029941	2	0.83870E-05	444058.6	3769816.0	270.0	0.00	4.19	2.38	YES
L0029942	2	0.83870E-05	444050.3	3769819.5	270.0	0.00	4.19	2.38	YES
L0029943	2	0.83870E-05	444042.0	3769822.9	270.0	0.00	4.19	2.38	YES
L0029944	2	0.83870E-05	444033.7	3769826.4	270.0	0.00	4.19	2.38	YES
L0029945	2	0.83870E-05	444025.4	3769829.8	270.0	0.00	4.19	2.38	YES
L0029946	2	0.83870E-05	444017.1	3769833.3	270.0	0.00	4.19	2.38	YES

L0029947		2	0.83870E-05	444008.8	3769836.8	270.0	0.00
4.19	2.38	YES					
L0029948		2	0.83870E-05	444000.5	3769840.2	270.0	0.00
4.19	2.38	YES					
L0029949		2	0.83870E-05	443992.2	3769843.7	270.0	0.00
4.19	2.38	YES					
L0029950		2	0.83870E-05	443983.9	3769847.2	270.0	0.00
4.19	2.38	YES					
L0029951		2	0.83870E-05	443975.6	3769850.6	270.0	0.00
4.19	2.38	YES					
L0029952		2	0.83870E-05	443967.7	3769854.9	270.0	0.00
4.19	2.38	YES					
L0029953		2	0.83870E-05	443960.0	3769859.6	270.0	0.00
4.19	2.38	YES					
L0029954		2	0.83870E-05	443952.3	3769864.3	270.0	0.00
4.19	2.38	YES					
L0029955		2	0.83870E-05	443944.6	3769868.9	270.0	0.00
4.19	2.38	YES					
L0029956		2	0.83870E-05	443936.9	3769873.6	270.0	0.00
4.19	2.38	YES					
L0029957		2	0.83870E-05	443929.2	3769878.3	270.0	0.00
4.19	2.38	YES					
L0029958		2	0.83870E-05	443921.5	3769882.9	270.0	0.00
4.19	2.38	YES					
L0029959		2	0.83870E-05	443913.8	3769887.6	270.0	0.00
4.19	2.38	YES					
L0029960		2	0.83870E-05	443908.9	3769895.1	270.0	0.00
4.19	2.38	YES					
L0029961		2	0.83870E-05	443904.2	3769902.7	270.0	0.00
4.19	2.38	YES					
L0029962		2	0.83870E-05	443899.4	3769910.4	270.0	0.00
4.19	2.38	YES					
L0029963		2	0.83870E-05	443895.8	3769918.6	270.0	0.00
4.19	2.38	YES					
L0029964		2	0.83870E-05	443892.7	3769927.0	270.0	0.00
4.19	2.38	YES					
L0029965		2	0.83870E-05	443889.6	3769935.5	270.0	0.00
4.19	2.38	YES					
L0029966		2	0.83870E-05	443886.5	3769943.9	270.0	0.00
4.19	2.38	YES					
L0029967		2	0.83870E-05	443883.4	3769952.4	270.0	0.00
4.19	2.38	YES					
L0029968		2	0.83870E-05	443880.3	3769960.8	270.0	0.00
4.19	2.38	YES					
L0029969		2	0.83870E-05	443877.2	3769969.2	270.0	0.00
4.19	2.38	YES					
L0029970		2	0.83870E-05	443874.0	3769977.7	270.0	0.00
4.19	2.38	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0029971	2	0.83870E-05	443870.9	3769986.1	270.0	0.00	4.19	2.38	YES
L0029972	2	0.83870E-05	443867.7	3769994.5	270.0	0.00	4.19	2.38	YES
L0029973	2	0.83870E-05	443864.6	3770003.0	270.0	0.00	4.19	2.38	YES
L0029974	2	0.83870E-05	443860.2	3770010.8	270.0	0.00	4.19	2.38	YES
L0029975	2	0.83870E-05	443855.8	3770018.7	270.0	0.00	4.19	2.38	YES
L0029976	2	0.83870E-05	443851.5	3770026.6	270.0	0.00	4.19	2.38	YES
L0029977	2	0.83870E-05	443845.3	3770033.0	270.0	0.00	4.19	2.38	YES
L0029978	2	0.83870E-05	443838.7	3770039.2	270.0	0.00	4.19	2.38	YES
L0029979	2	0.83870E-05	443831.8	3770044.8	270.0	0.00	4.19	2.38	YES
L0029980	2	0.83870E-05	443823.4	3770047.9	270.0	0.00	4.19	2.38	YES
L0029981	2	0.83870E-05	443814.9	3770050.9	270.0	0.00	4.19	2.38	YES
L0029982	2	0.83870E-05	443806.4	3770054.0	270.0	0.00	4.19	2.38	YES
L0029983	2	0.83870E-05	443797.8	3770056.6	270.0	0.00	4.19	2.38	YES
L0029984	2	0.83870E-05	443789.1	3770058.7	270.0	0.00	4.19	2.38	YES
L0029985	2	0.83870E-05	443780.3	3770060.8	270.0	0.00	4.19	2.38	YES
L0029986	2	0.83870E-05	443771.6	3770063.0	270.0	0.00	4.19	2.38	YES

L0029987		2	0.83870E-05	443762.7	3770064.6	270.0	0.00
4.19	2.38	YES					
L0029988		2	0.83870E-05	443753.8	3770065.6	270.0	0.00
4.19	2.38	YES					
L0029989		2	0.83870E-05	443744.9	3770066.7	270.0	0.00
4.19	2.38	YES					
L0029990		2	0.83870E-05	443735.9	3770067.7	270.0	0.00
4.19	2.38	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0029451 , L0029452 , L0029453 , L0029454 , L0029455 , L0029456 , L0029457 , L0029458 ,
	L0029459 , L0029460 , L0029461 , L0029462 , L0029463 , L0029464 , L0029465 , L0029466 ,
	L0029467 , L0029468 , L0029469 , L0029470 , L0029471 , L0029472 , L0029473 , L0029474 ,
	L0029475 , L0029476 , L0029477 , L0029478 , L0029479 , L0029480 , L0029481 , L0029482 ,
	L0029483 , L0029484 , L0029485 , L0029486 , L0029487 , L0029488 , L0029489 , L0029490 ,
	L0029491 , L0029492 , L0029493 , L0029494 , L0029495 , L0029496 , L0029497 , L0029498 ,
	L0029499 , L0029500 , L0029501 , L0029502 , L0029503 , L0029504 , L0029505 , L0029506 ,
	L0029507 , L0029508 , L0029509 , L0029510 , L0029511 , L0029512 , L0029513 , L0029514 ,
	L0029515 , L0029516 , L0029517 , L0029518 , L0029519 , L0029520 , L0029521 , L0029522 ,
	L0029523 , L0029524 , L0029525 , L0029526 , L0029527 , L0029528 , L0029529 , L0029530 ,
	L0029531 , L0029532 , L0029533 , L0029534 , L0029535 , L0029536 , L0029537 , L0029538 ,
	L0029539 , L0029540 , L0029541 , L0029542 , L0029543 , L0029544 , L0029545 , L0029546 ,
	L0029547 , L0029548 , L0029549 , L0029550 , L0029551 , L0029552 , L0029553 , L0029554 ,

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L0029575 , L0029576 , L0029577 , L0029578 ,

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L0029591 , L0029592 , L0029593 , L0029594 ,

L0029595 , L0029596 , L0029597 , L0029598 ,
L0029599 , L0029600 , L0029601 , L0029602 ,

L0029603 , L0029604 , L0029605 , L0029606 ,
L0029607 , L0029608 , L0029609 , L0029610 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0029627 , L0029628 , L0029629 , L0029630 , L0029631 , L0029632 , L0029633 , L0029634 ,
	L0029635 , L0029636 , L0029637 , L0029638 , L0029639 , L0029640 , L0029641 , L0029642 ,
	L0029643 , L0029644 , L0029645 , L0029646 , L0029647 , L0029648 , L0029649 , L0029650 ,
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	L0029667 , L0029668 , L0029669 , L0029670 , L0029671 , L0029672 , L0029673 , L0029674 ,
	L0029675 , L0029676 , L0029677 , L0029678 , L0029679 , L0029680 , L0029681 , L0029682 ,
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	L0029691 , L0029692 , L0029693 , L0029694 , L0029695 , L0029696 , L0029697 , L0029698 ,
	L0029699 , L0029700 , L0029701 , L0029702 , L0029703 , L0029704 , L0029705 , L0029706 ,
	L0029707 , L0029708 , L0029709 , L0029710 , L0029711 , L0029712 , L0029713 , L0029714 ,

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L0029767 , L0029768 , L0029769 , L0029770 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0029779 , L0029780 , L0029781 , L0029782 , L0029783 , L0029784 , L0029785 , L0029786 ,
	L0029787 , L0029788 , L0029789 , L0029790 , L0029791 , L0029792 , L0029793 , L0029794 ,
	L0029795 , L0029796 , L0029797 , L0029798 , L0029799 , L0029800 , L0029801 , L0029802 ,
	L0029803 , L0029804 , L0029805 , L0029806 , L0029807 , L0029808 , L0029809 , L0029810 ,
	L0029811 , L0029812 , L0029813 , L0029814 , L0029815 , L0029816 , L0029817 , L0029818 ,
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	L0029827 , L0029828 , L0029829 , L0029830 , L0029831 , L0029832 , L0029833 , L0029834 ,
	L0029835 , L0029836 , L0029837 , L0029838 , L0029839 , L0029840 , L0029841 , L0029842 ,
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	L0029859 , L0029860 , L0029861 , L0029862 , L0029863 , L0029864 , L0029865 , L0029866 ,
	L0029867 , L0029868 , L0029869 , L0029870 , L0029871 , L0029872 , L0029873 , L0029874 ,

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L0029927 , L0029928 , L0029929 , L0029930 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0029947 , L0029948 , L0029949 , L0029950 , L0029951 , L0029952 , L0029953 , L0029954 ,
	L0029955 , L0029956 , L0029957 , L0029958 , L0029959 , L0029960 , L0029961 , L0029962 ,
	L0029963 , L0029964 , L0029965 , L0029966 , L0029967 , L0029968 , L0029969 , L0029970 ,
	L0029971 , L0029972 , L0029973 , L0029974 , L0029975 , L0029976 , L0029977 , L0029978 ,
	L0029979 , L0029980 , L0029981 , L0029982 , L0029983 , L0029984 , L0029985 , L0029986 ,
	L0029987 , L0029988 , L0029989 , L0029990 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2015355.	L0029451 , L0029452 , L0029453 , L0029454 , L0029455 , L0029456 , L0029457 , L0029458 ,
		L0029459 , L0029460 , L0029461 , L0029462 , L0029463 , L0029464 , L0029465 , L0029466 ,
		L0029467 , L0029468 , L0029469 , L0029470 , L0029471 , L0029472 , L0029473 , L0029474 ,
		L0029475 , L0029476 , L0029477 , L0029478 , L0029479 , L0029480 , L0029481 , L0029482 ,
		L0029483 , L0029484 , L0029485 , L0029486 , L0029487 , L0029488 , L0029489 , L0029490 ,
		L0029491 , L0029492 , L0029493 , L0029494 , L0029495 , L0029496 , L0029497 , L0029498 ,
		L0029499 , L0029500 , L0029501 , L0029502 , L0029503 , L0029504 , L0029505 , L0029506 ,
		L0029507 , L0029508 , L0029509 , L0029510 , L0029511 , L0029512 , L0029513 , L0029514 ,
		L0029515 , L0029516 , L0029517 , L0029518 , L0029519 , L0029520 , L0029521 , L0029522 ,
		L0029523 , L0029524 , L0029525 , L0029526 , L0029527 , L0029528 , L0029529 , L0029530 ,
		L0029531 , L0029532 , L0029533 , L0029534 , L0029535 , L0029536 , L0029537 , L0029538 ,
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**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0029611 , L0029612 , L0029613 , L0029614 , L0029615 , L0029616 , L0029617 , L0029618 ,

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L0029751 , L0029752 , L0029753 , L0029754 ,

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L0029759 , L0029760 , L0029761 , L0029762 ,

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L0029767 , L0029768 , L0029769 , L0029770 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0029771 , L0029772 , L0029773 , L0029774 , L0029775 , L0029776 , L0029777 , L0029778 ,

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L0029827 , L0029828 , L0029829 , L0029830 , L0029831 , L0029832 , L0029833 , L0029834 ,

L0029835 , L0029836 , L0029837 , L0029838 , L0029839 , L0029840 , L0029841 , L0029842 ,

L0029843 , L0029844 , L0029845 , L0029846 , L0029847 , L0029848 , L0029849 , L0029850 ,

L0029851 , L0029852 , L0029853 , L0029854 , L0029855 , L0029856 , L0029857 , L0029858 ,

L0029859 , L0029860 , L0029861 , L0029862 , L0029863 , L0029864 , L0029865 , L0029866 ,

L0029867 , L0029868 , L0029869 , L0029870 , L0029871 , L0029872 , L0029873 , L0029874 ,

L0029875 , L0029876 , L0029877 , L0029878 ,
L0029879 , L0029880 , L0029881 , L0029882 ,

L0029883 , L0029884 , L0029885 , L0029886 ,
L0029887 , L0029888 , L0029889 , L0029890 ,

L0029891 , L0029892 , L0029893 , L0029894 ,
L0029895 , L0029896 , L0029897 , L0029898 ,

L0029899 , L0029900 , L0029901 , L0029902 ,
L0029903 , L0029904 , L0029905 , L0029906 ,

L0029907 , L0029908 , L0029909 , L0029910 ,
L0029911 , L0029912 , L0029913 , L0029914 ,

L0029915 , L0029916 , L0029917 , L0029918 ,
L0029919 , L0029920 , L0029921 , L0029922 ,

L0029923 , L0029924 , L0029925 , L0029926 ,
L0029927 , L0029928 , L0029929 , L0029930 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
		L0029931 , L0029932 , L0029933 , L0029934 , L0029935 , L0029936 , L0029937 , L0029938 ,
		L0029939 , L0029940 , L0029941 , L0029942 , L0029943 , L0029944 , L0029945 , L0029946 ,
		L0029947 , L0029948 , L0029949 , L0029950 , L0029951 , L0029952 , L0029953 , L0029954 ,
		L0029955 , L0029956 , L0029957 , L0029958 , L0029959 , L0029960 , L0029961 , L0029962 ,
		L0029963 , L0029964 , L0029965 , L0029966 , L0029967 , L0029968 , L0029969 , L0029970 ,
		L0029971 , L0029972 , L0029973 , L0029974 , L0029975 , L0029976 , L0029977 , L0029978 ,
		L0029979 , L0029980 , L0029981 , L0029982 , L0029983 , L0029984 , L0029985 , L0029986 ,
		L0029987 , L0029988 , L0029989 , L0029990 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029451 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029452 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029453 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029454 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029455 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029456 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029457 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029458 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029459 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029460 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029461 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029462 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029463 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029464 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029465 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029466 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029467 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029468 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029469 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029470 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029471 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029472 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029473 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029474 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029475 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029476 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029477 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029478 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029479 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029480 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029481 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029482 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029483 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029484 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029485 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029486 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029487 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029488 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029489 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029490 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029491 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029492 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029493 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029494 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029495 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029496 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029497 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029498 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029499 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029500 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029501 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029502 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029503 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029504 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029505 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029506 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029507 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029508 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029509 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029510 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029511 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029512 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029513 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029514 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029515 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029516 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029517 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029518 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029519 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029520 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029521 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029522 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029523 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029524 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029525 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029526 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029527 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029528 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029529 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029530 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029531 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029532 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029533 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029534 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029535 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029536 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029537 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029538 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029539 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029540 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029541 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029542 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029543 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029544 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029545 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029546 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029547 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029548 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029549 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029550 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029551 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029552 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029553 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029554 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029555 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029556 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029557 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029558 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029559 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029560 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029561 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029562 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029563 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029564 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029565 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029566 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029567 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029568 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029569 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029570 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029571 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029572 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029573 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029574 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029575 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029576 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029577 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029578 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029579 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029580 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029581 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029582 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029583 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029584 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029585 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029586 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029587 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029588 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029589 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029590 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029591 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029592 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029593 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029594 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029595 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029596 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029597 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029598 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029599 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029600 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029601 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029602 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029603 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029604 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029605 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029606 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029607 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029608 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029609 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029610 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029611 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029612 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029613 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029614 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029615 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029616 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029617 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029618 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029619 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029620 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029621 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029622 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029623 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029624 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029625 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029626 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029627 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029628 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029629 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029630 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029631 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029632 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029633 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029634 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029635 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029636 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029637 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029638 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029639 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029640 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029641 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029642 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029643 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029644 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029645 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029646 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029647 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029648 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029649 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029650 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029651 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029652 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029653 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029654 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029655 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029656 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029657 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029658 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029659 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029660 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029661 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029662 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029663 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029664 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029665 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029666 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029667 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029668 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029669 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029670 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029671 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029672 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029673 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029674 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029675 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029676 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029677 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029678 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029679 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029680 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029681 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029682 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029683 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029684 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029685 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029686 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029687 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029688 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029689 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029690 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029691 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029692 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029693 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029694 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029695 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029696 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029697 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029698 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029699 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029700 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029701 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029702 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029703 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029704 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029705 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029706 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029707 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029708 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029709 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029710 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029711 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029712 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029713 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029714 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029715 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029716 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029717 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029718 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029719 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029720 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029721 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029722 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029723 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029724 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029725 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029726 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029727 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029728 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029729 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029730 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029731 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029732 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029733 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029734 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029735 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029736 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029737 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029738 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029739 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029740 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029741 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029742 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029743 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029744 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029745 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029746 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029747 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029748 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029749 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029750 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029751 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029752 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029753 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029754 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029755 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029756 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029757 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029758 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029759 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029760 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029761 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029762 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029763 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029764 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029765 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029766 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029767 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029768 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029769 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029770 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029771 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029772 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029773 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029774 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029775 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029776 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029777 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029778 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029779 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029780 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029781 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029782 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029783 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029784 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029785 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029786 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029787 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029788 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029789 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029790 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029791 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029792 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029793 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029794 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029795 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029796 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029797 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029798 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029799 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029800 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029801 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029802 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029803 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029804 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029805 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029806 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029807 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029808 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029809 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029810 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029811 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029812 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029813 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029814 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029815 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029816 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029817 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029818 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029819 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029820 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029821 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029822 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029823 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029824 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029825 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029826 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029827 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029828 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029829 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029830 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029831 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029832 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029833 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029834 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029835 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029836 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029837 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029838 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029839 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029840 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029841 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029842 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029843 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029844 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029845 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029846 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029847 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029848 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029849 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029850 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029851 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029852 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029853 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029854 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029855 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029856 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029857 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029858 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029859 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029860 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029861 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029862 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029863 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029864 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029865 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029866 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029867 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029868 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029869 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029870 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029871 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029872 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029873 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029874 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029875 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029876 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029877 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029878 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029879 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029880 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029881 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029882 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029883 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029884 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029885 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029886 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029887 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029888 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029889 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029890 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029891 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029892 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029893 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029894 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029895 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029896 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029897 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029898 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029899 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029900 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029901 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029902 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029903 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029904 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029905 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029906 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029907 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029908 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029909 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029910 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029911 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029912 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029913 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029914 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029915 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029916 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029917 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029918 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029919 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029920 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029921 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029922 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029923 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029924 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029925 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029926 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029927 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029928 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029929 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029930 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029931 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029932 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029933 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029934 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029935 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029936 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029937 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029938 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029939 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029940 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029941 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029942 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029943 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029944 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029945 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029946 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029947 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029948 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029949 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029950 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029951 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029952 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029953 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029954 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029955 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029956 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029957 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029958 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029959 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029960 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029961 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029962 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029963 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029964 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029965 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029966 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029967 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029968 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029969 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029970 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029971 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029972 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029973 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029974 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029975 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029976 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029977 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029978 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029979 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029980 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029981 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029982 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029983 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029984 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029985 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029986 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029987 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029988 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029989 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0029990 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.92000, 0.08000,

PARTICLE DIAMETER (MICRONS) =
2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

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

(444782.0, 3769929.4, 270.0, 270.0, 0.0); (444818.4, 3769929.4, 270.0, 270.0, 0.0);
(444854.8, 3769929.4, 270.0, 270.0, 0.0); (444891.1, 3769929.4, 270.0, 270.0, 0.0);
(444927.5, 3769929.4, 270.0, 270.0, 0.0); (444963.9, 3769929.4, 270.0, 270.0, 0.0);
(445000.3, 3769929.4, 270.0, 270.0, 0.0); (445036.7, 3769929.4, 270.0, 270.0, 0.0);
(445073.1, 3769929.4, 270.0, 270.0, 0.0); (445109.5, 3769929.4, 270.0, 270.0, 0.0);
(445145.9, 3769929.4, 270.0, 270.0, 0.0); (445182.3, 3769929.4, 270.0, 270.0, 0.0);
(444782.0, 3769941.0, 270.0, 270.0, 0.0); (444818.4, 3769941.0, 270.0, 270.0, 0.0);
(444854.8, 3769941.0, 270.0, 270.0, 0.0); (444891.1, 3769941.0, 270.0, 270.0, 0.0);
(444927.5, 3769941.0, 270.0, 270.0, 0.0); (444963.9, 3769941.0, 270.0, 270.0, 0.0);
(445000.3, 3769941.0, 270.0, 270.0, 0.0); (445036.7, 3769941.0, 270.0, 270.0, 0.0);
(445073.1, 3769941.0, 270.0, 270.0, 0.0); (445109.5, 3769941.0, 270.0, 270.0, 0.0);
(445145.9, 3769941.0, 270.0, 270.0, 0.0); (445182.3, 3769941.0, 270.0, 270.0, 0.0);
(444782.0, 3769952.5, 270.0, 270.0, 0.0); (444818.4, 3769952.5, 270.0, 270.0, 0.0);
(444854.8, 3769952.5, 270.0, 270.0, 0.0); (444891.1, 3769952.5, 270.0, 270.0, 0.0);
(444927.5, 3769952.5, 270.0, 270.0, 0.0); (444963.9, 3769952.5, 270.0, 270.0, 0.0);
(445000.3, 3769952.5, 270.0, 270.0, 0.0); (445036.7, 3769952.5, 270.0, 270.0, 0.0);
(445073.1, 3769952.5, 270.0, 270.0, 0.0); (445109.5, 3769952.5, 270.0, 270.0, 0.0);
(445145.9, 3769952.5, 270.0, 270.0, 0.0); (445182.3, 3769952.5, 270.0, 270.0, 0.0);
(444782.0, 3769964.1, 270.0, 270.0, 0.0); (444818.4, 3769964.1, 270.0, 270.0, 0.0);
(444854.8, 3769964.1, 270.0, 270.0, 0.0); (444891.1, 3769964.1, 270.0, 270.0, 0.0);

```
     ( 444927.5, 3769964.1,     270.0,     270.0,       0.0);         (
444963.9, 3769964.1,     270.0,     270.0,       0.0);
     ( 445000.3, 3769964.1,     270.0,     270.0,       0.0);         (
445036.7, 3769964.1,     270.0,     270.0,       0.0);
     ( 445073.1, 3769964.1,     270.0,     270.0,       0.0);         (
445109.5, 3769964.1,     270.0,     270.0,       0.0);
     ( 445145.9, 3769964.1,     270.0,     270.0,       0.0);         (
445182.3, 3769964.1,     270.0,     270.0,       0.0);
     ( 445218.7, 3769964.1,     270.0,     270.0,       0.0);         (
444782.0, 3769975.7,     270.0,     270.0,       0.0);
     ( 444818.4, 3769975.7,     270.0,     270.0,       0.0);         (
444854.8, 3769975.7,     270.0,     270.0,       0.0);
     ( 444891.1, 3769975.7,     270.0,     270.0,       0.0);         (
444927.5, 3769975.7,     270.0,     270.0,       0.0);
     ( 444963.9, 3769975.7,     270.0,     270.0,       0.0);         (
445000.3, 3769975.7,     270.0,     270.0,       0.0);
     ( 445036.7, 3769975.7,     270.0,     270.0,       0.0);         (
445073.1, 3769975.7,     270.0,     270.0,       0.0);
     ( 445109.5, 3769975.7,     270.0,     270.0,       0.0);         (
445145.9, 3769975.7,     270.0,     270.0,       0.0);
     ( 445182.3, 3769975.7,     270.0,     270.0,       0.0);         (
445218.7, 3769975.7,     270.0,     270.0,       0.0);
     ( 444782.0, 3769987.2,     270.0,     270.0,       0.0);         (
444818.4, 3769987.2,     270.0,     270.0,       0.0);
     ( 444854.8, 3769987.2,     270.0,     270.0,       0.0);         (
444891.1, 3769987.2,     270.0,     270.0,       0.0);
     ( 444927.5, 3769987.2,     270.0,     270.0,       0.0);         (
444963.9, 3769987.2,     270.0,     270.0,       0.0);
     ( 445000.3, 3769987.2,     270.0,     270.0,       0.0);         (
445036.7, 3769987.2,     270.0,     270.0,       0.0);
     ( 445073.1, 3769987.2,     270.0,     270.0,       0.0);         (
445109.5, 3769987.2,     270.0,     270.0,       0.0);
     ( 445145.9, 3769987.2,     270.0,     270.0,       0.0);         (
445182.3, 3769987.2,     270.0,     270.0,       0.0);
     ( 445218.7, 3769987.2,     270.0,     270.0,       0.0);         (
444782.0, 3769998.8,     270.0,     270.0,       0.0);
     ( 444818.4, 3769998.8,     270.0,     270.0,       0.0);         (
444854.8, 3769998.8,     270.0,     270.0,       0.0);
     ( 444891.1, 3769998.8,     270.0,     270.0,       0.0);         (
444927.5, 3769998.8,     270.0,     270.0,       0.0);
     ( 444963.9, 3769998.8,     270.0,     270.0,       0.0);         (
445000.3, 3769998.8,     270.0,     270.0,       0.0);
     ( 445036.7, 3769998.8,     270.0,     270.0,       0.0);         (
445073.1, 3769998.8,     270.0,     270.0,       0.0);
     ( 445109.5, 3769998.8,     270.0,     270.0,       0.0);         (
445145.9, 3769998.8,     270.0,     270.0,       0.0);
     ( 445182.3, 3769998.8,     270.0,     270.0,       0.0);         (
445218.7, 3769998.8,     270.0,     270.0,       0.0);
     ( 444782.0, 3770010.4,     270.0,     270.0,       0.0);         (
444818.4, 3770010.4,     270.0,     270.0,       0.0);
```

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

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

(444854.8, 3770010.4, 270.0, 270.0, 0.0); (444891.1, 3770010.4, 270.0, 270.0, 0.0);
(444927.5, 3770010.4, 270.0, 270.0, 0.0); (444963.9, 3770010.4, 270.0, 270.0, 0.0);
(445000.3, 3770010.4, 270.0, 270.0, 0.0); (445036.7, 3770010.4, 270.0, 270.0, 0.0);
(445073.1, 3770010.4, 270.0, 270.0, 0.0); (445109.5, 3770010.4, 270.0, 270.0, 0.0);
(445145.9, 3770010.4, 270.0, 270.0, 0.0); (445182.3, 3770010.4, 270.0, 270.0, 0.0);
(445218.7, 3770010.4, 270.0, 270.0, 0.0); (444782.0, 3770021.9, 270.0, 270.0, 0.0);
(444818.4, 3770021.9, 270.0, 270.0, 0.0); (444854.8, 3770021.9, 270.0, 270.0, 0.0);
(444891.1, 3770021.9, 270.0, 270.0, 0.0); (444927.5, 3770021.9, 270.0, 270.0, 0.0);
(444963.9, 3770021.9, 270.0, 270.0, 0.0); (445000.3, 3770021.9, 270.0, 270.0, 0.0);
(445036.7, 3770021.9, 270.0, 270.0, 0.0); (445073.1, 3770021.9, 270.0, 270.0, 0.0);
(445109.5, 3770021.9, 270.0, 270.0, 0.0); (445145.9, 3770021.9, 270.0, 270.0, 0.0);
(445182.3, 3770021.9, 270.0, 270.0, 0.0); (445218.7, 3770021.9, 270.0, 270.0, 0.0);
(444782.0, 3770033.5, 270.0, 270.0, 0.0); (444818.4, 3770033.5, 270.0, 270.0, 0.0);
(444854.8, 3770033.5, 270.0, 270.0, 0.0); (444891.1, 3770033.5, 270.0, 270.0, 0.0);
(444927.5, 3770033.5, 270.0, 270.0, 0.0); (444963.9, 3770033.5, 270.0, 270.0, 0.0);
(445000.3, 3770033.5, 270.0, 270.0, 0.0); (445036.7, 3770033.5, 270.0, 270.0, 0.0);
(445073.1, 3770033.5, 270.0, 270.0, 0.0); (445109.5, 3770033.5, 270.0, 270.0, 0.0);
(445145.9, 3770033.5, 270.0, 270.0, 0.0); (445182.3, 3770033.5, 270.0, 270.0, 0.0);
(445218.7, 3770033.5, 270.0, 270.0, 0.0); (445249.4, 3770033.5, 270.0, 270.0, 0.0);
(444782.0, 3770045.1, 270.0, 270.0, 0.0); (444818.4, 3770045.1, 270.0, 270.0, 0.0);

```
     ( 444854.8, 3770045.1,     270.0,     270.0,       0.0);         (
444891.1, 3770045.1,     270.0,     270.0,       0.0);
     ( 444927.5, 3770045.1,     270.0,     270.0,       0.0);         (
444963.9, 3770045.1,     270.0,     270.0,       0.0);
     ( 445000.3, 3770045.1,     270.0,     270.0,       0.0);         (
445036.7, 3770045.1,     270.0,     270.0,       0.0);
     ( 445073.1, 3770045.1,     270.0,     270.0,       0.0);         (
445109.5, 3770045.1,     270.0,     270.0,       0.0);
     ( 445145.9, 3770045.1,     270.0,     270.0,       0.0);         (
445182.3, 3770045.1,     270.0,     270.0,       0.0);
     ( 445218.7, 3770045.1,     270.0,     270.0,       0.0);         (
445255.0, 3770045.1,     270.0,     270.0,       0.0);
     ( 444818.4, 3770056.7,     270.0,     270.0,       0.0);         (
444854.8, 3770056.7,     270.0,     270.0,       0.0);
     ( 444891.1, 3770056.7,     270.0,     270.0,       0.0);         (
444927.5, 3770056.7,     270.0,     270.0,       0.0);
     ( 444963.9, 3770056.7,     270.0,     270.0,       0.0);         (
445000.3, 3770056.7,     270.0,     270.0,       0.0);
     ( 445036.7, 3770056.7,     270.0,     270.0,       0.0);         (
445073.1, 3770056.7,     270.0,     270.0,       0.0);
     ( 445109.5, 3770056.7,     270.0,     270.0,       0.0);         (
445145.9, 3770056.7,     270.0,     270.0,       0.0);
     ( 445182.3, 3770056.7,     270.0,     270.0,       0.0);         (
445218.7, 3770056.7,     270.0,     270.0,       0.0);
     ( 445255.0, 3770056.7,     270.0,     270.0,       0.0);         (
444818.4, 3770068.2,     270.0,     270.0,       0.0);
     ( 444854.8, 3770068.2,     270.0,     270.0,       0.0);         (
444891.1, 3770068.2,     270.0,     270.0,       0.0);
     ( 444927.5, 3770068.2,     270.0,     270.0,       0.0);         (
444963.9, 3770068.2,     270.0,     270.0,       0.0);
     ( 445000.3, 3770068.2,     270.0,     270.0,       0.0);         (
445036.7, 3770068.2,     270.0,     270.0,       0.0);
     ( 445073.1, 3770068.2,     270.0,     270.0,       0.0);         (
445109.5, 3770068.2,     270.0,     270.0,       0.0);
     ( 445145.9, 3770068.2,     270.0,     270.0,       0.0);         (
445182.3, 3770068.2,     270.0,     270.0,       0.0);
     ( 445218.7, 3770068.2,     270.0,     270.0,       0.0);         (
445255.0, 3770068.2,     270.0,     270.0,       0.0);
     ( 444818.4, 3770079.8,     270.0,     270.0,       0.0);         (
444854.8, 3770079.8,     270.0,     270.0,       0.0);
     ( 444891.1, 3770079.8,     270.0,     270.0,       0.0);         (
444927.5, 3770079.8,     270.0,     270.0,       0.0);
     ( 444963.9, 3770079.8,     270.0,     270.0,       0.0);         (
445000.3, 3770079.8,     270.0,     270.0,       0.0);
     ( 445036.7, 3770079.8,     270.0,     270.0,       0.0);         (
445073.1, 3770079.8,     270.0,     270.0,       0.0);
     ( 445109.5, 3770079.8,     270.0,     270.0,       0.0);         (
445145.9, 3770079.8,     270.0,     270.0,       0.0);
     ( 445182.3, 3770079.8,     270.0,     270.0,       0.0);         (
445218.7, 3770079.8,     270.0,     270.0,       0.0);
```

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

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

(445255.0, 3770079.8, 270.0, 270.0, 0.0); (444818.4, 3770091.4, 270.0, 270.0, 0.0);
(444854.8, 3770091.4, 270.0, 270.0, 0.0); (444891.1, 3770091.4, 270.0, 270.0, 0.0);
(444927.5, 3770091.4, 270.0, 270.0, 0.0); (444963.9, 3770091.4, 270.0, 270.0, 0.0);
(445000.3, 3770091.4, 270.0, 270.0, 0.0); (445036.7, 3770091.4, 270.0, 270.0, 0.0);
(445073.1, 3770091.4, 270.0, 270.0, 0.0); (445109.5, 3770091.4, 270.0, 270.0, 0.0);
(445145.9, 3770091.4, 270.0, 270.0, 0.0); (445182.3, 3770091.4, 270.0, 270.0, 0.0);
(445218.7, 3770091.4, 270.0, 270.0, 0.0); (445255.0, 3770091.4, 270.0, 270.0, 0.0);
(444818.4, 3770102.9, 270.0, 270.0, 0.0); (444854.8, 3770102.9, 270.0, 270.0, 0.0);
(444891.1, 3770102.9, 270.0, 270.0, 0.0); (444927.5, 3770102.9, 270.0, 270.0, 0.0);
(444963.9, 3770102.9, 270.0, 270.0, 0.0); (445000.3, 3770102.9, 270.0, 270.0, 0.0);
(445036.7, 3770102.9, 270.0, 270.0, 0.0); (445073.1, 3770102.9, 270.0, 270.0, 0.0);
(445109.5, 3770102.9, 270.0, 270.0, 0.0); (445145.9, 3770102.9, 270.0, 270.0, 0.0);
(445182.3, 3770102.9, 270.0, 270.0, 0.0); (445218.7, 3770102.9, 270.0, 270.0, 0.0);
(445255.0, 3770102.9, 270.0, 270.0, 0.0); (444818.4, 3770114.5, 270.0, 270.0, 0.0);
(444854.8, 3770114.5, 270.0, 270.0, 0.0); (444891.1, 3770114.5, 270.0, 270.0, 0.0);
(444927.5, 3770114.5, 270.0, 270.0, 0.0); (444963.9, 3770114.5, 270.0, 270.0, 0.0);
(445000.3, 3770112.1, 270.0, 270.0, 0.0); (445036.7, 3770112.1, 270.0, 270.0, 0.0);
(445073.1, 3770111.8, 270.0, 270.0, 0.0); (445109.5, 3770111.3, 270.0, 270.0, 0.0);
(445145.9, 3770110.8, 270.0, 270.0, 0.0); (445182.7, 3770110.3, 270.0, 270.0, 0.0);
(445217.7, 3770109.9, 270.0, 270.0, 0.0); (445271.2, 3770103.0, 270.0, 270.0, 0.0);

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING *** (1=YES; 0=NO)

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES *** (METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

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

Surface file: poma6.SFC
Met Version: 12345
Profile file: poma6.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3190 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2005 Year: 2005

First 24 hours of scalar data

YR	MO	DY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALB	REF WS	WD	HT	REF TA	HT	IPCOD	PRATE	RH	SFCP	CCVR
05	01	01	01	-0.6	0.027	-9.000	-9.000	-999.	10.	3.1	0.47	1.00	1.00	0.40	61.	9.	277.4	6.***	-9.00	999.	981.	4	
05	01	01	02	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	41.	9.	278.5	6.***	-9.00	999.	981.	4	
05	01	01	03	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	41.	9.	278.5	6.***	-9.00	999.	981.	4	
05	01	01	04	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	29.	9.	278.4	6.***	-9.00	999.	981.	4	
05	01	01	05	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	28.	9.	278.2	6.***	-9.00	999.	981.	4	
05	01	01	06	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	30.	9.	278.9	6.***	-9.00	999.	981.	4	
05	01	01	07	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	25.	9.	278.9	6.***	-9.00	999.	981.	4	
05	01	01	08	-0.5	0.027	-9.000	-9.000	-999.	10.	3.4	0.47	1.00	0.54	0.40	35.	9.	279.6	6.***	-9.00	999.	981.	0	
05	01	01	09	28.5	0.099	0.384	0.005	70.	72.	-3.0	0.47	1.00	0.31	0.40	173.	9.	281.2	6.***	-9.00	999.	981.	0	
05	01	01	10	80.8	0.238	1.217	0.005	782.	267.	-14.5	0.47	1.00	0.24	1.30	173.	9.	283.4	6.***	-9.00	999.	981.	0	
05	01	01	11	119.2	0.249	1.518	0.007	1028.	285.	-11.3	0.47	1.00	0.21	1.30	196.	9.	285.2	6.***	-9.00	999.	981.	0	
05	01	01	12	120.4	0.249	1.615	0.009	1225.	286.	-11.2	0.47	1.00	0.20	1.30	212.	9.	286.1	6.***	-9.00	999.	981.	5	
05	01	01	13	120.9	0.249	1.629	0.009	1252.	286.	-11.2	0.47	1.00	0.20	1.30	237.	9.	286.1	6.***	-9.00	999.	981.	5	

```
 05 01 01 14   65.0  0.293  1.329  0.009 1266.  364.    -33.8 0.47 1.00
0.22    1.80  266.   9.  285.9   6.***  -9.00  999.  981.  8
 05 01 01 15   28.3  0.274  1.009  0.009 1272.  330.    -63.7 0.47 1.00
0.25    1.80  262.   9.  285.6   6.***  -9.00  999.  981.  9
 05 01 01 16    2.8  0.248  0.466  0.009 1273.  285.   -483.7 0.47 1.00
0.34    1.80  266.   9.  285.0   6.***  -9.00  999.  981. 10
 05 01 01 17   -4.7  0.088 -9.000 -9.000 -999.   84.     12.7 0.47 1.00
0.61    1.30  280.   9.  284.4   6.***  -9.00  999.  981.  8
 05 01 01 18   -2.8  0.061 -9.000 -9.000 -999.   35.      7.0 0.47 1.00
1.00    0.90  261.   9.  283.9   6.***  -9.00  999.  981.  4
 05 01 01 19   -0.6  0.027 -9.000 -9.000 -999.   10.      3.1 0.47 1.00
1.00    0.40  293.   9.  283.1   6.***  -9.00  999.  981.  4
 05 01 01 20   -0.2  0.019 -9.000 -9.000 -999.    6.      2.6 0.47 1.00
1.00    0.28  313.   9.  282.4   6.***  -9.00  999.  981.  8
 05 01 01 21   -0.2  0.019 -9.000 -9.000 -999.    6.      2.6 0.47 1.00
1.00    0.28  325.   9.  281.5   6.***  -9.00  999.  981.  8
 05 01 01 22   -0.2  0.019 -9.000 -9.000 -999.    6.      3.0 0.47 1.00
1.00    0.28  323.   9.  280.0   6.***  -9.00  999.  981. 10
 05 01 01 23   -0.2  0.019 -9.000 -9.000 -999.    6.      3.0 0.47 1.00
1.00    0.28  351.   9.  279.4   6.***  -9.00  999.  981. 10
 05 01 01 24   -0.4  0.027 -9.000 -9.000 -999.   10.      4.2 0.47 1.00
1.00    0.40   50.   9.  279.0   6.***  -9.00  999.  981. 10
```

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
05	01	01	01	5.5	0	-999.	-99.00	277.4	99.0	-99.00	-99.00
05	01	01	01	9.1	1	61.	0.40	-999.0	99.0	-99.00	-99.00

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

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0029451 , L0029452 , L0029453 , L0029454 , L0029455 , L0029456 , L0029457 , L0029458 , L0029459 , L0029460 , L0029461 , L0029462 , L0029463 , L0029464 , L0029465 , L0029466 , L0029467 , L0029468 , L0029469 , L0029470 , L0029471 , L0029472 , L0029473 , L0029474 , L0029475 , L0029476 , L0029477 , L0029478 , . . . ,

*** 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
444781.98	3769929.39	0.06085	444818.37	3769929.39	0.05959
444854.76	3769929.39	0.05841	444891.15	3769929.39	0.05730
444927.54	3769929.39	0.05624	444963.93	3769929.39	0.05522
445000.32	3769929.39	0.05423	445036.71	3769929.39	0.05327
445073.10	3769929.39	0.05233	445109.49	3769929.39	0.05140
445145.88	3769929.39	0.05049	445182.27	3769929.39	0.04958
444781.98	3769940.96	0.05866	444818.37	3769940.96	0.05746
444854.76	3769940.96	0.05634	444891.15	3769940.96	0.05527
444927.54	3769940.96	0.05426	444963.93	3769940.96	0.05328
445000.32	3769940.96	0.05234	445036.71	3769940.96	0.05142
445073.10	3769940.96	0.05052	445109.49	3769940.96	0.04964
445145.88	3769940.96	0.04877	445182.27	3769940.96	0.04790

444781.98 3769952.53 0.05664
444818.37 3769952.53 0.05549
444854.76 3769952.53 0.05441
444891.15 3769952.53 0.05339
444927.54 3769952.53 0.05242
444963.93 3769952.53 0.05149
445000.32 3769952.53 0.05058
445036.71 3769952.53 0.04971
445073.10 3769952.53 0.04885
445109.49 3769952.53 0.04801
445145.88 3769952.53 0.04717
445182.27 3769952.53 0.04634
444781.98 3769964.10 0.05475
444818.37 3769964.10 0.05365
444854.76 3769964.10 0.05261
444891.15 3769964.10 0.05164
444927.54 3769964.10 0.05071
444963.93 3769964.10 0.04981
445000.32 3769964.10 0.04895
445036.71 3769964.10 0.04811
445073.10 3769964.10 0.04728
445109.49 3769964.10 0.04648
445145.88 3769964.10 0.04568
445182.27 3769964.10 0.04489
445218.66 3769964.10 0.04409
444781.98 3769975.67 0.05300
444818.37 3769975.67 0.05194
444854.76 3769975.67 0.05094
444891.15 3769975.67 0.05000
444927.54 3769975.67 0.04911
444963.93 3769975.67 0.04825
445000.32 3769975.67 0.04742
445036.71 3769975.67 0.04661
445073.10 3769975.67 0.04582
445109.49 3769975.67 0.04505
445145.88 3769975.67 0.04429
445182.27 3769975.67 0.04352
445218.66 3769975.67 0.04276
444781.98 3769987.24 0.05135
444818.37 3769987.24 0.05033
444854.76 3769987.24 0.04938
444891.15 3769987.24 0.04847
444927.54 3769987.24 0.04761
444963.93 3769987.24 0.04679
445000.32 3769987.24 0.04599
445036.71 3769987.24 0.04521
445073.10 3769987.24 0.04445
445109.49 3769987.24 0.04371
445145.88 3769987.24 0.04298
445182.27 3769987.24 0.04225
445218.66 3769987.24 0.04151
444781.98 3769998.81 0.04982
444818.37 3769998.81 0.04883
444854.76 3769998.81 0.04791

444891.15 3769998.81 0.04704
444927.54 3769998.81 0.04621

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0029451 , L0029452 , L0029453 , L0029454 , L0029455 , L0029456 , L0029457 , L0029458 , L0029459 , L0029460 , L0029461 , L0029462 , L0029463 , L0029464 , L0029465 , L0029466 , L0029467 , L0029468 , L0029469 , L0029470 , L0029471 , L0029472 , L0029473 , L0029474 , L0029475 , L0029476 , L0029477 , L0029478 , . . . ,

*** 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
444963.93	3769998.81	0.04542	445000.32	3769998.81	0.04465
445036.71	3769998.81	0.04390	445073.10	3769998.81	0.04317
445109.49	3769998.81	0.04245	445145.88	3769998.81	0.04175
445182.27	3769998.81	0.04105	445218.66	3769998.81	0.04033
444781.98	3770010.38	0.04837	444818.37	3770010.38	0.04742
444854.76	3770010.38	0.04653	444891.15	3770010.38	0.04569
444927.54	3770010.38	0.04489	444963.93	3770010.38	0.04412
445000.32	3770010.38	0.04338	445036.71	3770010.38	0.04266
445073.10	3770010.38	0.04196	445109.49	3770010.38	0.04127
445145.88	3770010.38	0.04059	445182.27	3770010.38	0.03991
445218.66	3770010.38	0.03923	444781.98	3770021.95	0.04701
444818.37	3770021.95	0.04609	444854.76	3770021.95	0.04523

```
         444891.15    3770021.95        0.04442
444927.54    3770021.95        0.04365
         444963.93    3770021.95        0.04291
445000.32    3770021.95        0.04219
         445036.71    3770021.95        0.04150
445073.10    3770021.95        0.04082
         445109.49    3770021.95        0.04015
445145.88    3770021.95        0.03950
         445182.27    3770021.95        0.03885
445218.66    3770021.95        0.03818
         444781.98    3770033.52        0.04572
444818.37    3770033.52        0.04484
         444854.76    3770033.52        0.04401
444891.15    3770033.52        0.04322
         444927.54    3770033.52        0.04247
444963.93    3770033.52        0.04176
         445000.32    3770033.52        0.04107
445036.71    3770033.52        0.04039
         445073.10    3770033.52        0.03974
445109.49    3770033.52        0.03910
         445145.88    3770033.52        0.03847
445182.27    3770033.52        0.03784
         445218.66    3770033.52        0.03720
445249.38    3770033.52        0.03664
         444781.98    3770045.09        0.04451
444818.37    3770045.09        0.04365
         444854.76    3770045.09        0.04285
444891.15    3770045.09        0.04209
         444927.54    3770045.09        0.04136
444963.93    3770045.09        0.04067
         445000.32    3770045.09        0.04000
445036.71    3770045.09        0.03935
         445073.10    3770045.09        0.03872
445109.49    3770045.09        0.03810
         445145.88    3770045.09        0.03749
445182.27    3770045.09        0.03688
         445218.66    3770045.09        0.03626
445255.05    3770045.09        0.03562
         444818.37    3770056.66        0.04253
444854.76    3770056.66        0.04175
         444891.15    3770056.66        0.04101
444927.54    3770056.66        0.04031
         444963.93    3770056.66        0.03964
445000.32    3770056.66        0.03899
         445036.71    3770056.66        0.03837
445073.10    3770056.66        0.03775
         445109.49    3770056.66        0.03715
445145.88    3770056.66        0.03656
         445182.27    3770056.66        0.03597
445218.66    3770056.66        0.03537
         445255.05    3770056.66        0.03476
444818.37    3770068.23        0.04147
         444854.76    3770068.23        0.04071
444891.15    3770068.23        0.04000
```

444927.54 3770068.23 0.03932
444963.93 3770068.23 0.03866

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0029451 , L0029452 , L0029453 , L0029454 , L0029455 , L0029456 , L0029457 , L0029458 , L0029459 , L0029460 , L0029461 , L0029462 , L0029463 , L0029464 , L0029465 , L0029466 , L0029467 , L0029468 , L0029469 , L0029470 , L0029471 , L0029472 , L0029473 , L0029474 , L0029475 , L0029476 , L0029477 , L0029478 , . . . ,

*** 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
445000.32	3770068.23	0.03804	445036.71	3770068.23	0.03743
445073.10	3770068.23	0.03684	445109.49	3770068.23	0.03626
445145.88	3770068.23	0.03568	445182.27	3770068.23	0.03511
445218.66	3770068.23	0.03453	445255.05	3770068.23	0.03393
444818.37	3770079.80	0.04045	444854.76	3770079.80	0.03972
444891.15	3770079.80	0.03903	444927.54	3770079.80	0.03837
444963.93	3770079.80	0.03774	445000.32	3770079.80	0.03713
445036.71	3770079.80	0.03654	445073.10	3770079.80	0.03596
445109.49	3770079.80	0.03540	445145.88	3770079.80	0.03484
445182.27	3770079.80	0.03429	445218.66	3770079.80	0.03373
445255.05	3770079.80	0.03315	444818.37	3770091.37	0.03949
444854.76	3770091.37	0.03878	444891.15	3770091.37	0.03811

```
         444927.54    3770091.37        0.03747
444963.93    3770091.37        0.03685
         445000.32    3770091.37        0.03626
445036.71    3770091.37        0.03569
         445073.10    3770091.37        0.03513
445109.49    3770091.37        0.03459
         445145.88    3770091.37        0.03405
445182.27    3770091.37        0.03351
         445218.66    3770091.37        0.03296
445255.05    3770091.37        0.03240
         444818.37    3770102.94        0.03857
444854.76    3770102.94        0.03788
         444891.15    3770102.94        0.03723
444927.54    3770102.94        0.03661
         444963.93    3770102.94        0.03601
445000.32    3770102.94        0.03544
         445036.71    3770102.94        0.03488
445073.10    3770102.94        0.03434
         445109.49    3770102.94        0.03381
445145.88    3770102.94        0.03328
         445182.27    3770102.94        0.03276
445218.66    3770102.94        0.03223
         445255.05    3770102.94        0.03168
444818.37    3770114.51        0.03770
         444854.76    3770114.51        0.03703
444891.15    3770114.51        0.03639
         444927.54    3770114.51        0.03578
444963.93    3770114.51        0.03521
         445000.32    3770112.15        0.03481
445036.71    3770112.15        0.03426
         445073.10    3770111.76        0.03376
445109.49    3770111.28        0.03327
         445145.88    3770110.81        0.03279
445182.73    3770110.35        0.03229
         445217.74    3770109.89        0.03182
445271.22    3770102.96        0.03144
```

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

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

NETWORK GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	0.06085 AT (444781.98, 3769929.39, 270.00, 270.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.05959 AT (444818.37, 3769929.39, 270.00, 270.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.05866 AT (444781.98, 3769940.96, 270.00, 270.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.05841 AT (444854.76, 3769929.39, 270.00, 270.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.05746 AT (444818.37, 3769940.96, 270.00, 270.00, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.05730 AT (444891.15, 3769929.39, 270.00, 270.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.05664 AT (444781.98, 3769952.53, 270.00, 270.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.05634 AT (444854.76, 3769940.96, 270.00, 270.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.05624 AT (444927.54, 3769929.39, 270.00, 270.00, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.05549 AT (444818.37, 3769952.53, 270.00, 270.00, 0.00)	DC	

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

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

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

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

A Total of 0 Fatal Error Message(s)
A Total of 3 Warning Message(s)
A Total of 845 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 0 Calm Hours Identified

A Total of 845 Missing Hours Identified (1.93 Percent)

Met Data File Includes 0.00 Millimeters (0.000 Inches) of Precipitation

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

******** WARNING MESSAGES ********
ME W396 3157 MEOPEN: Met data from outdated version of AERMET, version: 12345
ME W531 3157 MEOPEN: CAUTION! Met Station ID Missing from SURFFILE for SURFDATA
MX W496 43825 MAIN: Total precipitation in SURFFILE is zero (0.0) with WetDepos

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

AERMOD MODEL OUTPUT SUMMARY FILE (NO2)

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.7.0
** Lakes Environmental Software Inc.
** Date: 10/21/2014
** File: U:\UcJobs\_08600-09000\_09000\09034\AERMOD\Residences Near FWY
HRA\NO2\NO2.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE U:\UcJobs\_08600-09000\_09000\09034\AERMOD\Residences Near
FWY HRA\r
   MODELOPT CONC FLAT  FASTALL OLM
   AVERTIME 1
   URBANOPT 2015355
   POLLUTID NO2
   RUNORNOT RUN
** NO2 Conversion Options
   NO2STACK 0.100
   NO2EQUIL 0.900
   OZONEFIL "U:\UcAir\6-10-14 AQMD Ozone Data\table-4-hourly-ozone-
pomona.dat" UG/M3
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 = SLINE1
** DESCRSRC Eastbound on the 10
** PREFIX
** Length of Side = 18.80
** Configuration = Adjacent
** Emission Rate = 0.94615
** Vertical Dimension = 5.85
** SZINIT = 2.72
** Nodes = 13
** 445449.445, 3769597.302, 0.00, 0.00, 8.74
** 444841.645, 3769606.033, 0.00, 0.00, 8.74
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** 444750.998, 3769608.551, 0.00, 0.00, 8.74
** 444641.465, 3769619.882, 0.00, 0.00, 8.74
** 444533.191, 3769634.990, 0.00, 0.00, 8.74
** 444412.957, 3769654.504, 0.00, 0.00, 8.74
** 444242.993, 3769696.681, 0.00, 0.00, 8.74
** 444049.737, 3769762.778, 0.00, 0.00, 8.74
** 443921.949, 3769816.915, 0.00, 0.00, 8.74
** 443784.718, 3769886.789, 0.00, 0.00, 8.74
** 443623.567, 3769984.991, 0.00, 0.00, 8.74
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** 442982.277, 3770432.001, 0.00, 0.00, 8.74
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   LOCATION L0030534     VOLUME   445383.652 3769598.247 0.0
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   LOCATION L0030537     VOLUME   445327.258 3769599.057 0.0
   LOCATION L0030538     VOLUME   445308.460 3769599.327 0.0
   LOCATION L0030539     VOLUME   445289.662 3769599.597 0.0
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   LOCATION L0030544     VOLUME   445195.672 3769600.947 0.0
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   LOCATION L0030556     VOLUME   444970.095 3769604.188 0.0
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LOCATION L0030580 VOLUME 444520.739 3769637.011 0.0
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LOCATION L0030599 VOLUME 444174.027 3769720.268 0.0
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   LOCATION L0030638     VOLUME   443524.510 3770053.340 0.0
   LOCATION L0030639     VOLUME   443509.037 3770064.017 0.0
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   LOCATION L0030642     VOLUME   443462.615 3770096.048 0.0
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   LOCATION L0030645     VOLUME   443416.280 3770128.203 0.0
   LOCATION L0030646     VOLUME   443400.878 3770138.984 0.0
   LOCATION L0030647     VOLUME   443385.476 3770149.765 0.0
   LOCATION L0030648     VOLUME   443370.075 3770160.546 0.0
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   LOCATION L0030650     VOLUME   443339.272 3770182.108 0.0
   LOCATION L0030651     VOLUME   443323.870 3770192.889 0.0
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   LOCATION L0030653     VOLUME   443293.067 3770214.451 0.0
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   LOCATION L0030656     VOLUME   443246.862 3770246.794 0.0
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   LOCATION L0030659     VOLUME   443200.657 3770279.137 0.0
   LOCATION L0030660     VOLUME   443185.255 3770289.918 0.0
   LOCATION L0030661     VOLUME   443169.854 3770300.699 0.0
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   LOCATION L0030666     VOLUME   443092.845 3770354.604 0.0
   LOCATION L0030667     VOLUME   443077.444 3770365.385 0.0
   LOCATION L0030668     VOLUME   443062.042 3770376.166 0.0
   LOCATION L0030669     VOLUME   443046.641 3770386.947 0.0
   LOCATION L0030670     VOLUME   443031.239 3770397.728 0.0
   LOCATION L0030671     VOLUME   443015.837 3770408.509 0.0
   LOCATION L0030672     VOLUME   443000.436 3770419.290 0.0
   LOCATION L0030673     VOLUME   442985.034 3770430.071 0.0
** End of LINE VOLUME Source ID = SLINE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Westbound on the 10
** PREFIX
** Length of Side = 18.80
```

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** Configuration = Adjacent
** Emission Rate = 0.93768
** Vertical Dimension = 5.85
** SZINIT = 2.72
** Nodes = 15
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** 443178.228, 3770326.134, 0.00, 0.00, 8.74
** 443296.483, 3770242.741, 0.00, 0.00, 8.74
** 443633.804, 3769996.144, 0.00, 0.00, 8.74
** 443723.949, 3769943.202, 0.00, 0.00, 8.74
** 443844.142, 3769875.235, 0.00, 0.00, 8.74
** 444019.424, 3769794.391, 0.00, 0.00, 8.74
** 444327.062, 3769711.400, 0.00, 0.00, 8.74
** 444569.595, 3769678.490, 0.00, 0.00, 8.74
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   LOCATION L0030680     VOLUME   443103.724 3770379.506 0.0
   LOCATION L0030681     VOLUME   443119.007 3770368.558 0.0
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   LOCATION L0030690     VOLUME   443256.970 3770270.606 0.0
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   LOCATION L0030692     VOLUME   443287.698 3770248.937 0.0
   LOCATION L0030693     VOLUME   443302.982 3770237.991 0.0
   LOCATION L0030694     VOLUME   443318.159 3770226.896 0.0
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   LOCATION L0030696     VOLUME   443348.512 3770204.705 0.0
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   LOCATION L0030704     VOLUME   443469.928 3770115.945 0.0
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LOCATION L0030755 VOLUME 444328.568 3769711.196 0.0
LOCATION L0030756 VOLUME 444347.197 3769708.668 0.0
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LOCATION L0030759 VOLUME 444403.085 3769701.085 0.0
LOCATION L0030760 VOLUME 444421.714 3769698.557 0.0

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LOCATION L0030765     VOLUME   444514.861 3769685.917 0.0
LOCATION L0030766     VOLUME   444533.490 3769683.389 0.0
LOCATION L0030767     VOLUME   444552.119 3769680.862 0.0
LOCATION L0030768     VOLUME   444570.754 3769678.387 0.0
LOCATION L0030769     VOLUME   444589.480 3769676.712 0.0
LOCATION L0030770     VOLUME   444608.205 3769675.037 0.0
LOCATION L0030771     VOLUME   444626.930 3769673.363 0.0
LOCATION L0030772     VOLUME   444645.655 3769671.688 0.0
LOCATION L0030773     VOLUME   444664.381 3769670.013 0.0
LOCATION L0030774     VOLUME   444683.106 3769668.339 0.0
LOCATION L0030775     VOLUME   444701.831 3769666.664 0.0
LOCATION L0030776     VOLUME   444720.557 3769664.990 0.0
LOCATION L0030777     VOLUME   444739.282 3769663.315 0.0
LOCATION L0030778     VOLUME   444758.025 3769661.863 0.0
LOCATION L0030779     VOLUME   444776.777 3769660.523 0.0
LOCATION L0030780     VOLUME   444795.529 3769659.184 0.0
LOCATION L0030781     VOLUME   444814.282 3769657.844 0.0
LOCATION L0030782     VOLUME   444833.034 3769656.505 0.0
LOCATION L0030783     VOLUME   444851.753 3769654.831 0.0
LOCATION L0030784     VOLUME   444870.402 3769652.452 0.0
LOCATION L0030785     VOLUME   444889.051 3769650.074 0.0
LOCATION L0030786     VOLUME   444907.700 3769647.695 0.0
LOCATION L0030787     VOLUME   444926.348 3769645.316 0.0
LOCATION L0030788     VOLUME   444944.997 3769642.938 0.0
LOCATION L0030789     VOLUME   444963.646 3769640.559 0.0
LOCATION L0030790     VOLUME   444982.295 3769638.180 0.0
LOCATION L0030791     VOLUME   445001.031 3769636.697 0.0
LOCATION L0030792     VOLUME   445019.789 3769635.435 0.0
LOCATION L0030793     VOLUME   445038.546 3769634.172 0.0
LOCATION L0030794     VOLUME   445057.304 3769632.910 0.0
LOCATION L0030795     VOLUME   445076.062 3769631.647 0.0
LOCATION L0030796     VOLUME   445094.819 3769630.385 0.0
LOCATION L0030797     VOLUME   445113.577 3769629.122 0.0
LOCATION L0030798     VOLUME   445132.334 3769627.860 0.0
LOCATION L0030799     VOLUME   445151.125 3769627.359 0.0
LOCATION L0030800     VOLUME   445169.921 3769626.972 0.0
LOCATION L0030801     VOLUME   445188.717 3769626.586 0.0
LOCATION L0030802     VOLUME   445207.513 3769626.200 0.0
LOCATION L0030803     VOLUME   445226.309 3769625.814 0.0
LOCATION L0030804     VOLUME   445245.106 3769625.511 0.0
LOCATION L0030805     VOLUME   445263.906 3769625.392 0.0
LOCATION L0030806     VOLUME   445282.706 3769625.274 0.0
LOCATION L0030807     VOLUME   445301.505 3769625.155 0.0
LOCATION L0030808     VOLUME   445320.305 3769625.036 0.0
LOCATION L0030809     VOLUME   445339.105 3769624.918 0.0
LOCATION L0030810     VOLUME   445357.904 3769624.799 0.0
LOCATION L0030811     VOLUME   445376.704 3769624.681 0.0
LOCATION L0030812     VOLUME   445395.504 3769624.562 0.0
LOCATION L0030813     VOLUME   445414.303 3769624.443 0.0
LOCATION L0030814     VOLUME   445433.103 3769624.325 0.0
```

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** End of LINE VOLUME Source ID = SLINE2
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Eastbound On Ramp
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.06047
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 5
** 443693.355, 3769893.945, 0.00, 0.00, 4.19
** 443827.930, 3769836.787, 0.00, 0.00, 4.19
** 443890.877, 3769802.058, 0.00, 0.00, 4.19
** 444196.883, 3769703.902, 0.00, 0.00, 4.19
** 444359.511, 3769658.135, 0.00, 0.00, 4.19
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   LOCATION L0030815     VOLUME   443697.497 3769892.186 0.0
   LOCATION L0030816     VOLUME   443705.781 3769888.668 0.0
   LOCATION L0030817     VOLUME   443714.064 3769885.149 0.0
   LOCATION L0030818     VOLUME   443722.348 3769881.631 0.0
   LOCATION L0030819     VOLUME   443730.632 3769878.112 0.0
   LOCATION L0030820     VOLUME   443738.916 3769874.594 0.0
   LOCATION L0030821     VOLUME   443747.200 3769871.076 0.0
   LOCATION L0030822     VOLUME   443755.483 3769867.557 0.0
   LOCATION L0030823     VOLUME   443763.767 3769864.039 0.0
   LOCATION L0030824     VOLUME   443772.051 3769860.521 0.0
   LOCATION L0030825     VOLUME   443780.335 3769857.002 0.0
   LOCATION L0030826     VOLUME   443788.618 3769853.484 0.0
   LOCATION L0030827     VOLUME   443796.902 3769849.965 0.0
   LOCATION L0030828     VOLUME   443805.186 3769846.447 0.0
   LOCATION L0030829     VOLUME   443813.470 3769842.929 0.0
   LOCATION L0030830     VOLUME   443821.754 3769839.410 0.0
   LOCATION L0030831     VOLUME   443829.935 3769835.681 0.0
   LOCATION L0030832     VOLUME   443837.815 3769831.333 0.0
   LOCATION L0030833     VOLUME   443845.695 3769826.986 0.0
   LOCATION L0030834     VOLUME   443853.575 3769822.638 0.0
   LOCATION L0030835     VOLUME   443861.455 3769818.290 0.0
   LOCATION L0030836     VOLUME   443869.336 3769813.942 0.0
   LOCATION L0030837     VOLUME   443877.216 3769809.595 0.0
   LOCATION L0030838     VOLUME   443885.096 3769805.247 0.0
   LOCATION L0030839     VOLUME   443893.160 3769801.325 0.0
   LOCATION L0030840     VOLUME   443901.730 3769798.576 0.0
   LOCATION L0030841     VOLUME   443910.300 3769795.828 0.0
   LOCATION L0030842     VOLUME   443918.870 3769793.079 0.0
   LOCATION L0030843     VOLUME   443927.440 3769790.330 0.0
   LOCATION L0030844     VOLUME   443936.010 3769787.581 0.0
   LOCATION L0030845     VOLUME   443944.580 3769784.832 0.0
   LOCATION L0030846     VOLUME   443953.149 3769782.083 0.0
   LOCATION L0030847     VOLUME   443961.719 3769779.334 0.0
   LOCATION L0030848     VOLUME   443970.289 3769776.585 0.0
   LOCATION L0030849     VOLUME   443978.859 3769773.836 0.0
   LOCATION L0030850     VOLUME   443987.429 3769771.087 0.0
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   LOCATION L0030851     VOLUME   443995.999 3769768.338 0.0
   LOCATION L0030852     VOLUME   444004.569 3769765.589 0.0
   LOCATION L0030853     VOLUME   444013.139 3769762.841 0.0
   LOCATION L0030854     VOLUME   444021.709 3769760.092 0.0
   LOCATION L0030855     VOLUME   444030.279 3769757.343 0.0
   LOCATION L0030856     VOLUME   444038.849 3769754.594 0.0
   LOCATION L0030857     VOLUME   444047.419 3769751.845 0.0
   LOCATION L0030858     VOLUME   444055.988 3769749.096 0.0
   LOCATION L0030859     VOLUME   444064.558 3769746.347 0.0
   LOCATION L0030860     VOLUME   444073.128 3769743.598 0.0
   LOCATION L0030861     VOLUME   444081.698 3769740.849 0.0
   LOCATION L0030862     VOLUME   444090.268 3769738.100 0.0
   LOCATION L0030863     VOLUME   444098.838 3769735.351 0.0
   LOCATION L0030864     VOLUME   444107.408 3769732.602 0.0
   LOCATION L0030865     VOLUME   444115.978 3769729.854 0.0
   LOCATION L0030866     VOLUME   444124.548 3769727.105 0.0
   LOCATION L0030867     VOLUME   444133.118 3769724.356 0.0
   LOCATION L0030868     VOLUME   444141.688 3769721.607 0.0
   LOCATION L0030869     VOLUME   444150.258 3769718.858 0.0
   LOCATION L0030870     VOLUME   444158.827 3769716.109 0.0
   LOCATION L0030871     VOLUME   444167.397 3769713.360 0.0
   LOCATION L0030872     VOLUME   444175.967 3769710.611 0.0
   LOCATION L0030873     VOLUME   444184.537 3769707.862 0.0
   LOCATION L0030874     VOLUME   444193.107 3769705.113 0.0
   LOCATION L0030875     VOLUME   444201.729 3769702.538 0.0
   LOCATION L0030876     VOLUME   444210.393 3769700.100 0.0
   LOCATION L0030877     VOLUME   444219.056 3769697.662 0.0
   LOCATION L0030878     VOLUME   444227.720 3769695.224 0.0
   LOCATION L0030879     VOLUME   444236.383 3769692.786 0.0
   LOCATION L0030880     VOLUME   444245.047 3769690.348 0.0
   LOCATION L0030881     VOLUME   444253.710 3769687.910 0.0
   LOCATION L0030882     VOLUME   444262.374 3769685.472 0.0
   LOCATION L0030883     VOLUME   444271.037 3769683.034 0.0
   LOCATION L0030884     VOLUME   444279.701 3769680.596 0.0
   LOCATION L0030885     VOLUME   444288.364 3769678.158 0.0
   LOCATION L0030886     VOLUME   444297.028 3769675.719 0.0
   LOCATION L0030887     VOLUME   444305.691 3769673.281 0.0
   LOCATION L0030888     VOLUME   444314.355 3769670.843 0.0
   LOCATION L0030889     VOLUME   444323.018 3769668.405 0.0
   LOCATION L0030890     VOLUME   444331.681 3769665.967 0.0
   LOCATION L0030891     VOLUME   444340.345 3769663.529 0.0
   LOCATION L0030892     VOLUME   444349.008 3769661.091 0.0
   LOCATION L0030893     VOLUME   444357.672 3769658.653 0.0
** End of LINE VOLUME Source ID = SLINE3
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Eastbound Off Ramp
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.02885
** Vertical Dimension = 5.12
** SZINIT = 2.38
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** Nodes = 7
** 443434.721, 3770105.734, 0.00, 0.00, 4.19
** 443513.378, 3770039.550, 0.00, 0.00, 4.19
** 443562.664, 3769990.465, 0.00, 0.00, 4.19
** 443603.299, 3769952.042, 0.00, 0.00, 4.19
** 443629.554, 3769929.400, 0.00, 0.00, 4.19
** 443668.092, 3769910.812, 0.00, 0.00, 4.19
** 443675.346, 3769907.638, 0.00, 0.00, 4.19
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   LOCATION L0030894     VOLUME   443438.165 3770102.837 0.0
   LOCATION L0030895     VOLUME   443445.051 3770097.042 0.0
   LOCATION L0030896     VOLUME   443451.938 3770091.248 0.0
   LOCATION L0030897     VOLUME   443458.824 3770085.453 0.0
   LOCATION L0030898     VOLUME   443465.711 3770079.659 0.0
   LOCATION L0030899     VOLUME   443472.597 3770073.864 0.0
   LOCATION L0030900     VOLUME   443479.484 3770068.070 0.0
   LOCATION L0030901     VOLUME   443486.370 3770062.275 0.0
   LOCATION L0030902     VOLUME   443493.257 3770056.481 0.0
   LOCATION L0030903     VOLUME   443500.143 3770050.686 0.0
   LOCATION L0030904     VOLUME   443507.030 3770044.892 0.0
   LOCATION L0030905     VOLUME   443513.876 3770039.054 0.0
   LOCATION L0030906     VOLUME   443520.253 3770032.703 0.0
   LOCATION L0030907     VOLUME   443526.630 3770026.352 0.0
   LOCATION L0030908     VOLUME   443533.007 3770020.001 0.0
   LOCATION L0030909     VOLUME   443539.384 3770013.650 0.0
   LOCATION L0030910     VOLUME   443545.761 3770007.299 0.0
   LOCATION L0030911     VOLUME   443552.138 3770000.948 0.0
   LOCATION L0030912     VOLUME   443558.515 3769994.597 0.0
   LOCATION L0030913     VOLUME   443564.949 3769988.305 0.0
   LOCATION L0030914     VOLUME   443571.488 3769982.121 0.0
   LOCATION L0030915     VOLUME   443578.028 3769975.938 0.0
   LOCATION L0030916     VOLUME   443584.567 3769969.754 0.0
   LOCATION L0030917     VOLUME   443591.107 3769963.571 0.0
   LOCATION L0030918     VOLUME   443597.646 3769957.388 0.0
   LOCATION L0030919     VOLUME   443604.223 3769951.246 0.0
   LOCATION L0030920     VOLUME   443611.039 3769945.368 0.0
   LOCATION L0030921     VOLUME   443617.854 3769939.490 0.0
   LOCATION L0030922     VOLUME   443624.670 3769933.612 0.0
   LOCATION L0030923     VOLUME   443631.851 3769928.292 0.0
   LOCATION L0030924     VOLUME   443639.958 3769924.382 0.0
   LOCATION L0030925     VOLUME   443648.064 3769920.472 0.0
   LOCATION L0030926     VOLUME   443656.170 3769916.562 0.0
   LOCATION L0030927     VOLUME   443664.276 3769912.652 0.0
   LOCATION L0030928     VOLUME   443672.456 3769908.902 0.0
** End of LINE VOLUME Source ID = SLINE4
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC Westbound On Ramp from NB
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.03317
** Vertical Dimension = 5.12
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** SZINIT = 2.38
** Nodes = 10
** 443736.883, 3770048.559, 0.00, 0.00, 4.19
** 443813.192, 3770026.592, 0.00, 0.00, 4.19
** 443844.024, 3770001.541, 0.00, 0.00, 4.19
** 443859.825, 3769971.865, 0.00, 0.00, 4.19
** 443854.815, 3769946.814, 0.00, 0.00, 4.19
** 443836.701, 3769928.700, 0.00, 0.00, 4.19
** 443818.587, 3769925.617, 0.00, 0.00, 4.19
** 443789.682, 3769934.481, 0.00, 0.00, 4.19
** 443698.342, 3769978.417, 0.00, 0.00, 4.19
** 443603.149, 3770038.154, 0.00, 0.00, 4.19
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   LOCATION L0030929     VOLUME   443741.207 3770047.315 0.0
   LOCATION L0030930     VOLUME   443749.856 3770044.825 0.0
   LOCATION L0030931     VOLUME   443758.504 3770042.335 0.0
   LOCATION L0030932     VOLUME   443767.153 3770039.845 0.0
   LOCATION L0030933     VOLUME   443775.802 3770037.355 0.0
   LOCATION L0030934     VOLUME   443784.451 3770034.866 0.0
   LOCATION L0030935     VOLUME   443793.099 3770032.376 0.0
   LOCATION L0030936     VOLUME   443801.748 3770029.886 0.0
   LOCATION L0030937     VOLUME   443810.397 3770027.396 0.0
   LOCATION L0030938     VOLUME   443817.920 3770022.750 0.0
   LOCATION L0030939     VOLUME   443824.905 3770017.075 0.0
   LOCATION L0030940     VOLUME   443831.890 3770011.400 0.0
   LOCATION L0030941     VOLUME   443838.875 3770005.724 0.0
   LOCATION L0030942     VOLUME   443845.136 3769999.453 0.0
   LOCATION L0030943     VOLUME   443849.366 3769991.509 0.0
   LOCATION L0030944     VOLUME   443853.596 3769983.565 0.0
   LOCATION L0030945     VOLUME   443857.825 3769975.621 0.0
   LOCATION L0030946     VOLUME   443858.895 3769967.212 0.0
   LOCATION L0030947     VOLUME   443857.130 3769958.387 0.0
   LOCATION L0030948     VOLUME   443855.365 3769949.562 0.0
   LOCATION L0030949     VOLUME   443850.433 3769942.431 0.0
   LOCATION L0030950     VOLUME   443844.069 3769936.067 0.0
   LOCATION L0030951     VOLUME   443837.705 3769929.703 0.0
   LOCATION L0030952     VOLUME   443829.228 3769927.428 0.0
   LOCATION L0030953     VOLUME   443820.356 3769925.918 0.0
   LOCATION L0030954     VOLUME   443811.698 3769927.730 0.0
   LOCATION L0030955     VOLUME   443803.093 3769930.368 0.0
   LOCATION L0030956     VOLUME   443794.489 3769933.007 0.0
   LOCATION L0030957     VOLUME   443786.102 3769936.203 0.0
   LOCATION L0030958     VOLUME   443777.992 3769940.104 0.0
   LOCATION L0030959     VOLUME   443769.881 3769944.005 0.0
   LOCATION L0030960     VOLUME   443761.771 3769947.907 0.0
   LOCATION L0030961     VOLUME   443753.660 3769951.808 0.0
   LOCATION L0030962     VOLUME   443745.550 3769955.709 0.0
   LOCATION L0030963     VOLUME   443737.439 3769959.610 0.0
   LOCATION L0030964     VOLUME   443729.329 3769963.512 0.0
   LOCATION L0030965     VOLUME   443721.218 3769967.413 0.0
   LOCATION L0030966     VOLUME   443713.108 3769971.314 0.0
   LOCATION L0030967     VOLUME   443704.997 3769975.215 0.0
   LOCATION L0030968     VOLUME   443696.974 3769979.275 0.0
   LOCATION L0030969     VOLUME   443689.351 3769984.059 0.0
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   LOCATION L0030970     VOLUME   443681.728 3769988.843 0.0
   LOCATION L0030971     VOLUME   443674.104 3769993.627 0.0
   LOCATION L0030972     VOLUME   443666.481 3769998.411 0.0
   LOCATION L0030973     VOLUME   443658.858 3770003.194 0.0
   LOCATION L0030974     VOLUME   443651.234 3770007.978 0.0
   LOCATION L0030975     VOLUME   443643.611 3770012.762 0.0
   LOCATION L0030976     VOLUME   443635.988 3770017.546 0.0
   LOCATION L0030977     VOLUME   443628.364 3770022.330 0.0
   LOCATION L0030978     VOLUME   443620.741 3770027.114 0.0
   LOCATION L0030979     VOLUME   443613.118 3770031.898 0.0
   LOCATION L0030980     VOLUME   443605.495 3770036.681 0.0
** End of LINE VOLUME Source ID = SLINE5
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE6
** DESCRSRC Westbound On Ramp from SB
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.01823
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 10
** 443692.515, 3770116.063, 0.00, 0.00, 4.19
** 443684.392, 3770090.217, 0.00, 0.00, 4.19
** 443677.746, 3770072.494, 0.00, 0.00, 4.19
** 443661.382, 3770055.772, 0.00, 0.00, 4.19
** 443645.962, 3770049.423, 0.00, 0.00, 4.19
** 443625.554, 3770044.434, 0.00, 0.00, 4.19
** 443606.961, 3770047.609, 0.00, 0.00, 4.19
** 443594.262, 3770053.958, 0.00, 0.00, 4.19
** 443576.575, 3770062.121, 0.00, 0.00, 4.19
** 443493.583, 3770111.553, 0.00, 0.00, 4.19
** ----------------------------------------------------------------------
   LOCATION L0030981     VOLUME   443691.166 3770111.770 0.0
   LOCATION L0030982     VOLUME   443688.468 3770103.184 0.0
   LOCATION L0030983     VOLUME   443685.769 3770094.598 0.0
   LOCATION L0030984     VOLUME   443682.845 3770086.090 0.0
   LOCATION L0030985     VOLUME   443679.685 3770077.663 0.0
   LOCATION L0030986     VOLUME   443675.313 3770070.007 0.0
   LOCATION L0030987     VOLUME   443669.018 3770063.575 0.0
   LOCATION L0030988     VOLUME   443662.723 3770057.142 0.0
   LOCATION L0030989     VOLUME   443654.833 3770053.075 0.0
   LOCATION L0030990     VOLUME   443646.511 3770049.648 0.0
   LOCATION L0030991     VOLUME   443637.796 3770047.426 0.0
   LOCATION L0030992     VOLUME   443629.053 3770045.289 0.0
   LOCATION L0030993     VOLUME   443620.233 3770045.342 0.0
   LOCATION L0030994     VOLUME   443611.362 3770046.857 0.0
   LOCATION L0030995     VOLUME   443602.904 3770049.637 0.0
   LOCATION L0030996     VOLUME   443594.854 3770053.662 0.0
   LOCATION L0030997     VOLUME   443586.692 3770057.452 0.0
   LOCATION L0030998     VOLUME   443578.520 3770061.223 0.0
   LOCATION L0030999     VOLUME   443570.683 3770065.630 0.0
   LOCATION L0031000     VOLUME   443562.951 3770070.236 0.0
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   LOCATION L0031001     VOLUME   443555.219 3770074.842 0.0
   LOCATION L0031002     VOLUME   443547.486 3770079.447 0.0
   LOCATION L0031003     VOLUME   443539.754 3770084.053 0.0
   LOCATION L0031004     VOLUME   443532.022 3770088.658 0.0
   LOCATION L0031005     VOLUME   443524.289 3770093.264 0.0
   LOCATION L0031006     VOLUME   443516.557 3770097.870 0.0
   LOCATION L0031007     VOLUME   443508.825 3770102.475 0.0
   LOCATION L0031008     VOLUME   443501.092 3770107.081 0.0
** End of LINE VOLUME Source ID = SLINE6
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC Westbound Off Ramp
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.06069
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 11
** 444162.465, 3769772.698, 0.00, 0.00, 4.19
** 443973.033, 3769851.672, 0.00, 0.00, 4.19
** 443913.269, 3769887.958, 0.00, 0.00, 4.19
** 443897.794, 3769913.037, 0.00, 0.00, 4.19
** 443881.785, 3769956.793, 0.00, 0.00, 4.19
** 443864.710, 3770002.684, 0.00, 0.00, 4.19
** 443850.836, 3770027.764, 0.00, 0.00, 4.19
** 443833.227, 3770044.306, 0.00, 0.00, 4.19
** 443802.277, 3770055.511, 0.00, 0.00, 4.19
** 443767.059, 3770064.049, 0.00, 0.00, 4.19
** 443730.774, 3770068.318, 0.00, 0.00, 4.19
** ----------------------------------------------------------------------
   LOCATION L0031009     VOLUME   444158.311 3769774.429 0.0
   LOCATION L0031010     VOLUME   444150.004 3769777.892 0.0
   LOCATION L0031011     VOLUME   444141.697 3769781.356 0.0
   LOCATION L0031012     VOLUME   444133.390 3769784.819 0.0
   LOCATION L0031013     VOLUME   444125.083 3769788.282 0.0
   LOCATION L0031014     VOLUME   444116.776 3769791.745 0.0
   LOCATION L0031015     VOLUME   444108.469 3769795.208 0.0
   LOCATION L0031016     VOLUME   444100.162 3769798.672 0.0
   LOCATION L0031017     VOLUME   444091.855 3769802.135 0.0
   LOCATION L0031018     VOLUME   444083.548 3769805.598 0.0
   LOCATION L0031019     VOLUME   444075.241 3769809.061 0.0
   LOCATION L0031020     VOLUME   444066.934 3769812.524 0.0
   LOCATION L0031021     VOLUME   444058.627 3769815.988 0.0
   LOCATION L0031022     VOLUME   444050.320 3769819.451 0.0
   LOCATION L0031023     VOLUME   444042.013 3769822.914 0.0
   LOCATION L0031024     VOLUME   444033.706 3769826.377 0.0
   LOCATION L0031025     VOLUME   444025.399 3769829.840 0.0
   LOCATION L0031026     VOLUME   444017.092 3769833.304 0.0
   LOCATION L0031027     VOLUME   444008.785 3769836.767 0.0
   LOCATION L0031028     VOLUME   444000.478 3769840.230 0.0
   LOCATION L0031029     VOLUME   443992.171 3769843.693 0.0
   LOCATION L0031030     VOLUME   443983.864 3769847.156 0.0
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   LOCATION L0031031     VOLUME   443975.557 3769850.620 0.0
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   LOCATION L0031033     VOLUME   443959.985 3769859.594 0.0
   LOCATION L0031034     VOLUME   443952.292 3769864.265 0.0
   LOCATION L0031035     VOLUME   443944.598 3769868.936 0.0
   LOCATION L0031036     VOLUME   443936.905 3769873.607 0.0
   LOCATION L0031037     VOLUME   443929.212 3769878.277 0.0
   LOCATION L0031038     VOLUME   443921.519 3769882.948 0.0
   LOCATION L0031039     VOLUME   443913.826 3769887.619 0.0
   LOCATION L0031040     VOLUME   443908.885 3769895.062 0.0
   LOCATION L0031041     VOLUME   443904.159 3769902.721 0.0
   LOCATION L0031042     VOLUME   443899.433 3769910.380 0.0
   LOCATION L0031043     VOLUME   443895.774 3769918.557 0.0
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   LOCATION L0031047     VOLUME   443883.405 3769952.366 0.0
   LOCATION L0031048     VOLUME   443880.291 3769960.810 0.0
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   LOCATION L0031056     VOLUME   443851.485 3770026.591 0.0
   LOCATION L0031057     VOLUME   443845.253 3770033.008 0.0
   LOCATION L0031058     VOLUME   443838.694 3770039.170 0.0
   LOCATION L0031059     VOLUME   443831.817 3770044.816 0.0
   LOCATION L0031060     VOLUME   443823.355 3770047.880 0.0
   LOCATION L0031061     VOLUME   443814.892 3770050.944 0.0
   LOCATION L0031062     VOLUME   443806.430 3770054.008 0.0
   LOCATION L0031063     VOLUME   443797.823 3770056.591 0.0
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   LOCATION L0031065     VOLUME   443780.329 3770060.832 0.0
   LOCATION L0031066     VOLUME   443771.583 3770062.953 0.0
   LOCATION L0031067     VOLUME   443762.744 3770064.557 0.0
   LOCATION L0031068     VOLUME   443753.805 3770065.608 0.0
   LOCATION L0031069     VOLUME   443744.867 3770066.660 0.0
   LOCATION L0031070     VOLUME   443735.928 3770067.712 0.0
** End of LINE VOLUME Source ID = SLINE7
** Source Parameters **
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   SRCPARAM L0030533     0.0066164336      0.00      8.74      2.72
   SRCPARAM L0030534     0.0066164336      0.00      8.74      2.72
   SRCPARAM L0030535     0.0066164336      0.00      8.74      2.72
   SRCPARAM L0030536     0.0066164336      0.00      8.74      2.72
   SRCPARAM L0030537     0.0066164336      0.00      8.74      2.72
   SRCPARAM L0030538     0.0066164336      0.00      8.74      2.72
   SRCPARAM L0030539     0.0066164336      0.00      8.74      2.72
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** LINE VOLUME Source ID = SLINE2
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   SRCPARAM L0030681     0.0066502128      0.00      8.74      2.72
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SRCPARAM L0030755     0.0066502128      0.00      8.74      2.72
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SRCPARAM L0030756     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030757     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030758     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030759     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030760     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030761     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030762     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030763     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030764     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030765     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030766     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030767     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030768     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030769     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030770     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030771     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030772     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030773     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030774     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030775     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030776     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030777     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030778     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030779     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030780     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030781     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030782     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030783     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030784     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030785     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030786     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030787     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030788     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030789     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030790     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030791     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030792     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030793     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030794     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030795     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030796     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030797     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030798     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030799     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030800     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030801     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030802     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030803     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030804     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030805     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030806     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030807     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030808     0.0066502128      0.00      8.74      2.72
SRCPARAM L0030809     0.0066502128      0.00      8.74      2.72
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   SRCPARAM L0030810     0.0066502128      0.00      8.74      2.72
   SRCPARAM L0030811     0.0066502128      0.00      8.74      2.72
   SRCPARAM L0030812     0.0066502128      0.00      8.74      2.72
   SRCPARAM L0030813     0.0066502128      0.00      8.74      2.72
   SRCPARAM L0030814     0.0066502128      0.00      8.74      2.72
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0030815     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030816     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030817     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030818     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030819     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030820     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030821     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030822     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030823     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030824     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030825     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030826     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030827     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030828     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030829     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030830     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030831     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030832     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030833     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030834     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030835     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030836     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030837     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030838     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030839     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030840     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030841     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030842     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030843     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030844     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030845     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030846     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030847     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030848     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030849     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030850     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030851     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030852     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030853     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030854     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030855     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030856     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030857     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030858     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030859     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030860     0.000765443       0.00      4.19      2.38
   SRCPARAM L0030861     0.000765443       0.00      4.19      2.38
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   SRCPARAM L0030862     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030863     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030864     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030865     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030866     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030867     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030868     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030869     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030870     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030871     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030872     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030873     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030874     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030875     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030876     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030877     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030878     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030879     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030880     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030881     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030882     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030883     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030884     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030885     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030886     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030887     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030888     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030889     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030890     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030891     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030892     0.000765443      0.00      4.19      2.38
   SRCPARAM L0030893     0.000765443      0.00      4.19      2.38
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0030894     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030895     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030896     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030897     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030898     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030899     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030900     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030901     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030902     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030903     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030904     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030905     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030906     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030907     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030908     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030909     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030910     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030911     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030912     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030913     0.0008242857      0.00      4.19      2.38
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   SRCPARAM L0030914     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030915     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030916     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030917     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030918     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030919     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030920     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030921     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030922     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030923     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030924     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030925     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030926     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030927     0.0008242857      0.00      4.19      2.38
   SRCPARAM L0030928     0.0008242857      0.00      4.19      2.38
** ------------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE5
   SRCPARAM L0030929     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030930     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030931     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030932     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030933     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030934     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030935     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030936     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030937     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030938     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030939     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030940     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030941     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030942     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030943     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030944     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030945     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030946     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030947     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030948     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030949     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030950     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030951     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030952     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030953     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030954     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030955     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030956     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030957     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030958     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030959     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030960     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030961     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030962     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030963     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030964     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030965     0.0006378846      0.00      4.19      2.38
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   SRCPARAM L0030966     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030967     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030968     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030969     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030970     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030971     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030972     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030973     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030974     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030975     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030976     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030977     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030978     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030979     0.0006378846      0.00      4.19      2.38
   SRCPARAM L0030980     0.0006378846      0.00      4.19      2.38
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE6
   SRCPARAM L0030981     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0030982     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0030983     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0030984     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0030985     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0030986     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0030987     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0030988     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0030989     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0030990     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0030991     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0030992     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0030993     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0030994     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0030995     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0030996     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0030997     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0030998     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0030999     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0031000     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0031001     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0031002     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0031003     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0031004     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0031005     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0031006     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0031007     0.0006510714      0.00      4.19      2.38
   SRCPARAM L0031008     0.0006510714      0.00      4.19      2.38
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE7
   SRCPARAM L0031009     0.000978871       0.00      4.19      2.38
   SRCPARAM L0031010     0.000978871       0.00      4.19      2.38
   SRCPARAM L0031011     0.000978871       0.00      4.19      2.38
   SRCPARAM L0031012     0.000978871       0.00      4.19      2.38
   SRCPARAM L0031013     0.000978871       0.00      4.19      2.38
   SRCPARAM L0031014     0.000978871       0.00      4.19      2.38
   SRCPARAM L0031015     0.000978871       0.00      4.19      2.38
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SRCPARAM L0031016     0.000978871      0.00      4.19      2.38
SRCPARAM L0031017     0.000978871      0.00      4.19      2.38
SRCPARAM L0031018     0.000978871      0.00      4.19      2.38
SRCPARAM L0031019     0.000978871      0.00      4.19      2.38
SRCPARAM L0031020     0.000978871      0.00      4.19      2.38
SRCPARAM L0031021     0.000978871      0.00      4.19      2.38
SRCPARAM L0031022     0.000978871      0.00      4.19      2.38
SRCPARAM L0031023     0.000978871      0.00      4.19      2.38
SRCPARAM L0031024     0.000978871      0.00      4.19      2.38
SRCPARAM L0031025     0.000978871      0.00      4.19      2.38
SRCPARAM L0031026     0.000978871      0.00      4.19      2.38
SRCPARAM L0031027     0.000978871      0.00      4.19      2.38
SRCPARAM L0031028     0.000978871      0.00      4.19      2.38
SRCPARAM L0031029     0.000978871      0.00      4.19      2.38
SRCPARAM L0031030     0.000978871      0.00      4.19      2.38
SRCPARAM L0031031     0.000978871      0.00      4.19      2.38
SRCPARAM L0031032     0.000978871      0.00      4.19      2.38
SRCPARAM L0031033     0.000978871      0.00      4.19      2.38
SRCPARAM L0031034     0.000978871      0.00      4.19      2.38
SRCPARAM L0031035     0.000978871      0.00      4.19      2.38
SRCPARAM L0031036     0.000978871      0.00      4.19      2.38
SRCPARAM L0031037     0.000978871      0.00      4.19      2.38
SRCPARAM L0031038     0.000978871      0.00      4.19      2.38
SRCPARAM L0031039     0.000978871      0.00      4.19      2.38
SRCPARAM L0031040     0.000978871      0.00      4.19      2.38
SRCPARAM L0031041     0.000978871      0.00      4.19      2.38
SRCPARAM L0031042     0.000978871      0.00      4.19      2.38
SRCPARAM L0031043     0.000978871      0.00      4.19      2.38
SRCPARAM L0031044     0.000978871      0.00      4.19      2.38
SRCPARAM L0031045     0.000978871      0.00      4.19      2.38
SRCPARAM L0031046     0.000978871      0.00      4.19      2.38
SRCPARAM L0031047     0.000978871      0.00      4.19      2.38
SRCPARAM L0031048     0.000978871      0.00      4.19      2.38
SRCPARAM L0031049     0.000978871      0.00      4.19      2.38
SRCPARAM L0031050     0.000978871      0.00      4.19      2.38
SRCPARAM L0031051     0.000978871      0.00      4.19      2.38
SRCPARAM L0031052     0.000978871      0.00      4.19      2.38
SRCPARAM L0031053     0.000978871      0.00      4.19      2.38
SRCPARAM L0031054     0.000978871      0.00      4.19      2.38
SRCPARAM L0031055     0.000978871      0.00      4.19      2.38
SRCPARAM L0031056     0.000978871      0.00      4.19      2.38
SRCPARAM L0031057     0.000978871      0.00      4.19      2.38
SRCPARAM L0031058     0.000978871      0.00      4.19      2.38
SRCPARAM L0031059     0.000978871      0.00      4.19      2.38
SRCPARAM L0031060     0.000978871      0.00      4.19      2.38
SRCPARAM L0031061     0.000978871      0.00      4.19      2.38
SRCPARAM L0031062     0.000978871      0.00      4.19      2.38
SRCPARAM L0031063     0.000978871      0.00      4.19      2.38
SRCPARAM L0031064     0.000978871      0.00      4.19      2.38
SRCPARAM L0031065     0.000978871      0.00      4.19      2.38
SRCPARAM L0031066     0.000978871      0.00      4.19      2.38
SRCPARAM L0031067     0.000978871      0.00      4.19      2.38
SRCPARAM L0031068     0.000978871      0.00      4.19      2.38
SRCPARAM L0031069     0.000978871      0.00      4.19      2.38
```

```
   SRCPARAM L0031070     0.000978871      0.00      4.19      2.38
** ----------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
** DESCRREC "UCART1" "Receptors generated from Uniform Cartesian Grid"
   DISCCART    444781.98   3769929.39
   DISCCART    444818.37   3769929.39
   DISCCART    444854.76   3769929.39
   DISCCART    444891.15   3769929.39
   DISCCART    444927.54   3769929.39
   DISCCART    444963.93   3769929.39
   DISCCART    445000.32   3769929.39
   DISCCART    445036.71   3769929.39
   DISCCART    445073.10   3769929.39
   DISCCART    445109.49   3769929.39
   DISCCART    445145.88   3769929.39
   DISCCART    445182.27   3769929.39
   DISCCART    444781.98   3769940.96
   DISCCART    444818.37   3769940.96
   DISCCART    444854.76   3769940.96
   DISCCART    444891.15   3769940.96
   DISCCART    444927.54   3769940.96
   DISCCART    444963.93   3769940.96
   DISCCART    445000.32   3769940.96
   DISCCART    445036.71   3769940.96
   DISCCART    445073.10   3769940.96
   DISCCART    445109.49   3769940.96
   DISCCART    445145.88   3769940.96
   DISCCART    445182.27   3769940.96
   DISCCART    444781.98   3769952.53
   DISCCART    444818.37   3769952.53
   DISCCART    444854.76   3769952.53
   DISCCART    444891.15   3769952.53
   DISCCART    444927.54   3769952.53
   DISCCART    444963.93   3769952.53
   DISCCART    445000.32   3769952.53
   DISCCART    445036.71   3769952.53
   DISCCART    445073.10   3769952.53
   DISCCART    445109.49   3769952.53
   DISCCART    445145.88   3769952.53
   DISCCART    445182.27   3769952.53
   DISCCART    444781.98   3769964.10
   DISCCART    444818.37   3769964.10
   DISCCART    444854.76   3769964.10
   DISCCART    444891.15   3769964.10
   DISCCART    444927.54   3769964.10
```

DISCCART	444963.93	3769964.10
DISCCART	445000.32	3769964.10
DISCCART	445036.71	3769964.10
DISCCART	445073.10	3769964.10
DISCCART	445109.49	3769964.10
DISCCART	445145.88	3769964.10
DISCCART	445182.27	3769964.10
DISCCART	445218.66	3769964.10
DISCCART	444781.98	3769975.67
DISCCART	444818.37	3769975.67
DISCCART	444854.76	3769975.67
DISCCART	444891.15	3769975.67
DISCCART	444927.54	3769975.67
DISCCART	444963.93	3769975.67
DISCCART	445000.32	3769975.67
DISCCART	445036.71	3769975.67
DISCCART	445073.10	3769975.67
DISCCART	445109.49	3769975.67
DISCCART	445145.88	3769975.67
DISCCART	445182.27	3769975.67
DISCCART	445218.66	3769975.67
DISCCART	444781.98	3769987.24
DISCCART	444818.37	3769987.24
DISCCART	444854.76	3769987.24
DISCCART	444891.15	3769987.24
DISCCART	444927.54	3769987.24
DISCCART	444963.93	3769987.24
DISCCART	445000.32	3769987.24
DISCCART	445036.71	3769987.24
DISCCART	445073.10	3769987.24
DISCCART	445109.49	3769987.24
DISCCART	445145.88	3769987.24
DISCCART	445182.27	3769987.24
DISCCART	445218.66	3769987.24
DISCCART	444781.98	3769998.81
DISCCART	444818.37	3769998.81
DISCCART	444854.76	3769998.81
DISCCART	444891.15	3769998.81
DISCCART	444927.54	3769998.81
DISCCART	444963.93	3769998.81
DISCCART	445000.32	3769998.81
DISCCART	445036.71	3769998.81
DISCCART	445073.10	3769998.81
DISCCART	445109.49	3769998.81
DISCCART	445145.88	3769998.81
DISCCART	445182.27	3769998.81
DISCCART	445218.66	3769998.81
DISCCART	444781.98	3770010.38
DISCCART	444818.37	3770010.38
DISCCART	444854.76	3770010.38
DISCCART	444891.15	3770010.38
DISCCART	444927.54	3770010.38
DISCCART	444963.93	3770010.38
DISCCART	445000.32	3770010.38

DISCCART	445036.71	3770010.38
DISCCART	445073.10	3770010.38
DISCCART	445109.49	3770010.38
DISCCART	445145.88	3770010.38
DISCCART	445182.27	3770010.38
DISCCART	445218.66	3770010.38
DISCCART	444781.98	3770021.95
DISCCART	444818.37	3770021.95
DISCCART	444854.76	3770021.95
DISCCART	444891.15	3770021.95
DISCCART	444927.54	3770021.95
DISCCART	444963.93	3770021.95
DISCCART	445000.32	3770021.95
DISCCART	445036.71	3770021.95
DISCCART	445073.10	3770021.95
DISCCART	445109.49	3770021.95
DISCCART	445145.88	3770021.95
DISCCART	445182.27	3770021.95
DISCCART	445218.66	3770021.95
DISCCART	444781.98	3770033.52
DISCCART	444818.37	3770033.52
DISCCART	444854.76	3770033.52
DISCCART	444891.15	3770033.52
DISCCART	444927.54	3770033.52
DISCCART	444963.93	3770033.52
DISCCART	445000.32	3770033.52
DISCCART	445036.71	3770033.52
DISCCART	445073.10	3770033.52
DISCCART	445109.49	3770033.52
DISCCART	445145.88	3770033.52
DISCCART	445182.27	3770033.52
DISCCART	445218.66	3770033.52
DISCCART	445249.38	3770033.52
DISCCART	444781.98	3770045.09
DISCCART	444818.37	3770045.09
DISCCART	444854.76	3770045.09
DISCCART	444891.15	3770045.09
DISCCART	444927.54	3770045.09
DISCCART	444963.93	3770045.09
DISCCART	445000.32	3770045.09
DISCCART	445036.71	3770045.09
DISCCART	445073.10	3770045.09
DISCCART	445109.49	3770045.09
DISCCART	445145.88	3770045.09
DISCCART	445182.27	3770045.09
DISCCART	445218.66	3770045.09
DISCCART	445255.05	3770045.09
DISCCART	444818.37	3770056.66
DISCCART	444854.76	3770056.66
DISCCART	444891.15	3770056.66
DISCCART	444927.54	3770056.66
DISCCART	444963.93	3770056.66
DISCCART	445000.32	3770056.66
DISCCART	445036.71	3770056.66

DISCCART	445073.10	3770056.66
DISCCART	445109.49	3770056.66
DISCCART	445145.88	3770056.66
DISCCART	445182.27	3770056.66
DISCCART	445218.66	3770056.66
DISCCART	445255.05	3770056.66
DISCCART	444818.37	3770068.23
DISCCART	444854.76	3770068.23
DISCCART	444891.15	3770068.23
DISCCART	444927.54	3770068.23
DISCCART	444963.93	3770068.23
DISCCART	445000.32	3770068.23
DISCCART	445036.71	3770068.23
DISCCART	445073.10	3770068.23
DISCCART	445109.49	3770068.23
DISCCART	445145.88	3770068.23
DISCCART	445182.27	3770068.23
DISCCART	445218.66	3770068.23
DISCCART	445255.05	3770068.23
DISCCART	444818.37	3770079.80
DISCCART	444854.76	3770079.80
DISCCART	444891.15	3770079.80
DISCCART	444927.54	3770079.80
DISCCART	444963.93	3770079.80
DISCCART	445000.32	3770079.80
DISCCART	445036.71	3770079.80
DISCCART	445073.10	3770079.80
DISCCART	445109.49	3770079.80
DISCCART	445145.88	3770079.80
DISCCART	445182.27	3770079.80
DISCCART	445218.66	3770079.80
DISCCART	445255.05	3770079.80
DISCCART	444818.37	3770091.37
DISCCART	444854.76	3770091.37
DISCCART	444891.15	3770091.37
DISCCART	444927.54	3770091.37
DISCCART	444963.93	3770091.37
DISCCART	445000.32	3770091.37
DISCCART	445036.71	3770091.37
DISCCART	445073.10	3770091.37
DISCCART	445109.49	3770091.37
DISCCART	445145.88	3770091.37
DISCCART	445182.27	3770091.37
DISCCART	445218.66	3770091.37
DISCCART	445255.05	3770091.37
DISCCART	444818.37	3770102.94
DISCCART	444854.76	3770102.94
DISCCART	444891.15	3770102.94
DISCCART	444927.54	3770102.94
DISCCART	444963.93	3770102.94
DISCCART	445000.32	3770102.94
DISCCART	445036.71	3770102.94
DISCCART	445073.10	3770102.94
DISCCART	445109.49	3770102.94

```
   DISCCART    445145.88   3770102.94
   DISCCART    445182.27   3770102.94
   DISCCART    445218.66   3770102.94
   DISCCART    445255.05   3770102.94
   DISCCART    444818.37   3770114.51
   DISCCART    444854.76   3770114.51
   DISCCART    444891.15   3770114.51
   DISCCART    444927.54   3770114.51
   DISCCART    444963.93   3770114.51
   DISCCART    445000.32   3770112.15
   DISCCART    445036.71   3770112.15
   DISCCART    445073.10   3770111.76
   DISCCART    445109.49   3770111.28
   DISCCART    445145.88   3770110.81
   DISCCART    445182.73   3770110.35
   DISCCART    445217.74   3770109.89
   DISCCART    445271.22   3770102.96
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE poma6.SFC
   PROFFILE poma6.PFL
   SURFDATA 3190 2005
   UAIRDATA 3190 2005
   SITEDATA 99999 2005
   PROFBASE 270.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST 8TH
   RECTABLE 1 1ST 8TH
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST NO2.AD\01H1GALL.PLT 31
   PLOTFILE 1 ALL 8TH NO2.AD\01H8GALL.PLT 32
   MXDYBYYR ALL NO2.AD\MXDYBYYR_ALL_NO2.DAT 33
   MAXDAILY ALL NO2.AD\MAXDAILY_ALL_NO2.DAT 34
   SUMMFILE NO2.sum
OU FINISHED


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

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

```
 A Total of            0 Fatal Error Message(s)
 A Total of            3 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 CO W271      29       COCARD: O3FILE w/o O3VALs; full conv for hrs with
miss O3
 ME W396    1541       MEOPEN: Met data from outdated version of AERMET,
version:        12345
 ME W531    1541       MEOPEN: CAUTION! Met Station ID Missing from
SURFFILE for      SURFDATA

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************
```

**MODELOPTs: NonDFAULT CONC   FLAT   FASTALL   OLM

*** 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 URBAN Dispersion Algorithm for the SBL for   540 Source(s),
for Total of   1 Urban Area(s):
Urban Population =   2015355.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:
1. Stack-tip Downwash.
2. Model Assumes Receptors on FLAT Terrain.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Ozone Limiting Method (OLM) Used for NO2 Conversion
with an Equilibrium NO2/NOx Ratio of 0.900 and
with NO OLMGROUPs
7. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:
FASTALL - Use effective sigma-y to optimize meander for
POINT and VOLUME sources, and hybrid approach
to optimize AREA sources (formerly TOXICS option)

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: NO2

**Note that special processing requirements apply for the 1-hour NO2 NAAQS - check available guidance.
Model will process user-specified ranks of daily maximum 1-hour values averaged across the number of years modeled.
For annual NO2 NAAQS modeling, the multi-year maximum of PERIOD values can be simulated using the MULTYEAR keyword.
Multi-year PERIOD and 1-hour values should only be done in a single model run using the MULTYEAR option with a
single multi-year meteorological data file using STARTEND keyword.

```
 **Model Calculates  1 Short Term Average(s) of:   1-HR

 **This Run Includes:    540 Source(s);       1 Source Group(s); and
220 Receptor(s)

 **This Run Includes OZONE    Values for a Single Sector
             HOURLY OZONE    Values are Available

 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  12345

 **Output Options Selected:
          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)
          Model Outputs External File(s) of Maximum Daily 1-hr Values by
Day (MAXDAILY Keyword)
          Model Outputs External File(s) of Maximum Daily 1-hr Values by
Year (MXDYBYYR 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) =   270.00 ;
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 =      4.7 MB of RAM.

 **File for Summary of Results:   NO2.sum
```

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030531	0	0.66164E-02	445440.0	3769597.4	270.0	0.00	8.74	2.72	YES
L0030532	0	0.66164E-02	445421.2	3769597.7	270.0	0.00	8.74	2.72	YES
L0030533	0	0.66164E-02	445402.5	3769598.0	270.0	0.00	8.74	2.72	YES
L0030534	0	0.66164E-02	445383.7	3769598.2	270.0	0.00	8.74	2.72	YES
L0030535	0	0.66164E-02	445364.9	3769598.5	270.0	0.00	8.74	2.72	YES
L0030536	0	0.66164E-02	445346.1	3769598.8	270.0	0.00	8.74	2.72	YES
L0030537	0	0.66164E-02	445327.3	3769599.1	270.0	0.00	8.74	2.72	YES
L0030538	0	0.66164E-02	445308.5	3769599.3	270.0	0.00	8.74	2.72	YES
L0030539	0	0.66164E-02	445289.7	3769599.6	270.0	0.00	8.74	2.72	YES
L0030540	0	0.66164E-02	445270.9	3769599.9	270.0	0.00	8.74	2.72	YES
L0030541	0	0.66164E-02	445252.1	3769600.1	270.0	0.00	8.74	2.72	YES
L0030542	0	0.66164E-02	445233.3	3769600.4	270.0	0.00	8.74	2.72	YES
L0030543	0	0.66164E-02	445214.5	3769600.7	270.0	0.00	8.74	2.72	YES
L0030544	0	0.66164E-02	445195.7	3769600.9	270.0	0.00	8.74	2.72	YES
L0030545	0	0.66164E-02	445176.9	3769601.2	270.0	0.00	8.74	2.72	YES
L0030546	0	0.66164E-02	445158.1	3769601.5	270.0	0.00	8.74	2.72	YES

L0030547		0	0.66164E-02	445139.3	3769601.8	270.0	0.00	
8.74	2.72	YES						
L0030548		0	0.66164E-02	445120.5	3769602.0	270.0	0.00	
8.74	2.72	YES						
L0030549		0	0.66164E-02	445101.7	3769602.3	270.0	0.00	
8.74	2.72	YES						
L0030550		0	0.66164E-02	445082.9	3769602.6	270.0	0.00	
8.74	2.72	YES						
L0030551		0	0.66164E-02	445064.1	3769602.8	270.0	0.00	
8.74	2.72	YES						
L0030552		0	0.66164E-02	445045.3	3769603.1	270.0	0.00	
8.74	2.72	YES						
L0030553		0	0.66164E-02	445026.5	3769603.4	270.0	0.00	
8.74	2.72	YES						
L0030554		0	0.66164E-02	445007.7	3769603.6	270.0	0.00	
8.74	2.72	YES						
L0030555		0	0.66164E-02	444988.9	3769603.9	270.0	0.00	
8.74	2.72	YES						
L0030556		0	0.66164E-02	444970.1	3769604.2	270.0	0.00	
8.74	2.72	YES						
L0030557		0	0.66164E-02	444951.3	3769604.5	270.0	0.00	
8.74	2.72	YES						
L0030558		0	0.66164E-02	444932.5	3769604.7	270.0	0.00	
8.74	2.72	YES						
L0030559		0	0.66164E-02	444913.7	3769605.0	270.0	0.00	
8.74	2.72	YES						
L0030560		0	0.66164E-02	444894.9	3769605.3	270.0	0.00	
8.74	2.72	YES						
L0030561		0	0.66164E-02	444876.1	3769605.5	270.0	0.00	
8.74	2.72	YES						
L0030562		0	0.66164E-02	444857.3	3769605.8	270.0	0.00	
8.74	2.72	YES						
L0030563		0	0.66164E-02	444838.5	3769606.1	270.0	0.00	
8.74	2.72	YES						
L0030564		0	0.66164E-02	444819.7	3769606.6	270.0	0.00	
8.74	2.72	YES						
L0030565		0	0.66164E-02	444800.9	3769607.2	270.0	0.00	
8.74	2.72	YES						
L0030566		0	0.66164E-02	444782.1	3769607.7	270.0	0.00	
8.74	2.72	YES						
L0030567		0	0.66164E-02	444763.3	3769608.2	270.0	0.00	
8.74	2.72	YES						
L0030568		0	0.66164E-02	444744.6	3769609.2	270.0	0.00	
8.74	2.72	YES						
L0030569		0	0.66164E-02	444725.9	3769611.1	270.0	0.00	
8.74	2.72	YES						
L0030570		0	0.66164E-02	444707.2	3769613.1	270.0	0.00	
8.74	2.72	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030571	0	0.66164E-02	444688.5	3769615.0	270.0	0.00	8.74	2.72	YES
L0030572	0	0.66164E-02	444669.8	3769617.0	270.0	0.00	8.74	2.72	YES
L0030573	0	0.66164E-02	444651.1	3769618.9	270.0	0.00	8.74	2.72	YES
L0030574	0	0.66164E-02	444632.4	3769621.1	270.0	0.00	8.74	2.72	YES
L0030575	0	0.66164E-02	444613.8	3769623.7	270.0	0.00	8.74	2.72	YES
L0030576	0	0.66164E-02	444595.2	3769626.3	270.0	0.00	8.74	2.72	YES
L0030577	0	0.66164E-02	444576.6	3769628.9	270.0	0.00	8.74	2.72	YES
L0030578	0	0.66164E-02	444557.9	3769631.5	270.0	0.00	8.74	2.72	YES
L0030579	0	0.66164E-02	444539.3	3769634.1	270.0	0.00	8.74	2.72	YES
L0030580	0	0.66164E-02	444520.7	3769637.0	270.0	0.00	8.74	2.72	YES
L0030581	0	0.66164E-02	444502.2	3769640.0	270.0	0.00	8.74	2.72	YES
L0030582	0	0.66164E-02	444483.6	3769643.0	270.0	0.00	8.74	2.72	YES
L0030583	0	0.66164E-02	444465.1	3769646.0	270.0	0.00	8.74	2.72	YES
L0030584	0	0.66164E-02	444446.5	3769649.1	270.0	0.00	8.74	2.72	YES
L0030585	0	0.66164E-02	444428.0	3769652.1	270.0	0.00	8.74	2.72	YES
L0030586	0	0.66164E-02	444409.5	3769655.4	270.0	0.00	8.74	2.72	YES

L0030587		0	0.66164E-02	444391.2	3769659.9	270.0	0.00
8.74	2.72	YES					
L0030588		0	0.66164E-02	444373.0	3769664.4	270.0	0.00
8.74	2.72	YES					
L0030589		0	0.66164E-02	444354.7	3769669.0	270.0	0.00
8.74	2.72	YES					
L0030590		0	0.66164E-02	444336.5	3769673.5	270.0	0.00
8.74	2.72	YES					
L0030591		0	0.66164E-02	444318.2	3769678.0	270.0	0.00
8.74	2.72	YES					
L0030592		0	0.66164E-02	444300.0	3769682.5	270.0	0.00
8.74	2.72	YES					
L0030593		0	0.66164E-02	444281.7	3769687.1	270.0	0.00
8.74	2.72	YES					
L0030594		0	0.66164E-02	444263.5	3769691.6	270.0	0.00
8.74	2.72	YES					
L0030595		0	0.66164E-02	444245.2	3769696.1	270.0	0.00
8.74	2.72	YES					
L0030596		0	0.66164E-02	444227.4	3769702.0	270.0	0.00
8.74	2.72	YES					
L0030597		0	0.66164E-02	444209.6	3769708.1	270.0	0.00
8.74	2.72	YES					
L0030598		0	0.66164E-02	444191.8	3769714.2	270.0	0.00
8.74	2.72	YES					
L0030599		0	0.66164E-02	444174.0	3769720.3	270.0	0.00
8.74	2.72	YES					
L0030600		0	0.66164E-02	444156.2	3769726.4	270.0	0.00
8.74	2.72	YES					
L0030601		0	0.66164E-02	444138.5	3769732.4	270.0	0.00
8.74	2.72	YES					
L0030602		0	0.66164E-02	444120.7	3769738.5	270.0	0.00
8.74	2.72	YES					
L0030603		0	0.66164E-02	444102.9	3769744.6	270.0	0.00
8.74	2.72	YES					
L0030604		0	0.66164E-02	444085.1	3769750.7	270.0	0.00
8.74	2.72	YES					
L0030605		0	0.66164E-02	444067.3	3769756.8	270.0	0.00
8.74	2.72	YES					
L0030606		0	0.66164E-02	444049.5	3769762.9	270.0	0.00
8.74	2.72	YES					
L0030607		0	0.66164E-02	444032.2	3769770.2	270.0	0.00
8.74	2.72	YES					
L0030608		0	0.66164E-02	444014.9	3769777.5	270.0	0.00
8.74	2.72	YES					
L0030609		0	0.66164E-02	443997.6	3769784.9	270.0	0.00
8.74	2.72	YES					
L0030610		0	0.66164E-02	443980.3	3769792.2	270.0	0.00
8.74	2.72	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY
L0030611	0	0.66164E-02	443963.0	3769799.5	270.0	0.00	8.74	2.72	YES
L0030612	0	0.66164E-02	443945.7	3769806.9	270.0	0.00	8.74	2.72	YES
L0030613	0	0.66164E-02	443928.3	3769814.2	270.0	0.00	8.74	2.72	YES
L0030614	0	0.66164E-02	443911.4	3769822.3	270.0	0.00	8.74	2.72	YES
L0030615	0	0.66164E-02	443894.6	3769830.8	270.0	0.00	8.74	2.72	YES
L0030616	0	0.66164E-02	443877.9	3769839.4	270.0	0.00	8.74	2.72	YES
L0030617	0	0.66164E-02	443861.1	3769847.9	270.0	0.00	8.74	2.72	YES
L0030618	0	0.66164E-02	443844.4	3769856.4	270.0	0.00	8.74	2.72	YES
L0030619	0	0.66164E-02	443827.6	3769864.9	270.0	0.00	8.74	2.72	YES
L0030620	0	0.66164E-02	443810.9	3769873.5	270.0	0.00	8.74	2.72	YES
L0030621	0	0.66164E-02	443794.1	3769882.0	270.0	0.00	8.74	2.72	YES
L0030622	0	0.66164E-02	443777.7	3769891.1	270.0	0.00	8.74	2.72	YES
L0030623	0	0.66164E-02	443761.6	3769900.9	270.0	0.00	8.74	2.72	YES
L0030624	0	0.66164E-02	443745.6	3769910.7	270.0	0.00	8.74	2.72	YES
L0030625	0	0.66164E-02	443729.5	3769920.4	270.0	0.00	8.74	2.72	YES
L0030626	0	0.66164E-02	443713.4	3769930.2	270.0	0.00	8.74	2.72	YES

L0030627		0	0.66164E-02	443697.4	3769940.0	270.0	0.00	
8.74	2.72	YES						
L0030628		0	0.66164E-02	443681.3	3769949.8	270.0	0.00	
8.74	2.72	YES						
L0030629		0	0.66164E-02	443665.3	3769959.6	270.0	0.00	
8.74	2.72	YES						
L0030630		0	0.66164E-02	443649.2	3769969.4	270.0	0.00	
8.74	2.72	YES						
L0030631		0	0.66164E-02	443633.2	3769979.1	270.0	0.00	
8.74	2.72	YES						
L0030632		0	0.66164E-02	443617.4	3769989.3	270.0	0.00	
8.74	2.72	YES						
L0030633		0	0.66164E-02	443601.9	3770000.0	270.0	0.00	
8.74	2.72	YES						
L0030634		0	0.66164E-02	443586.4	3770010.6	270.0	0.00	
8.74	2.72	YES						
L0030635		0	0.66164E-02	443570.9	3770021.3	270.0	0.00	
8.74	2.72	YES						
L0030636		0	0.66164E-02	443555.5	3770032.0	270.0	0.00	
8.74	2.72	YES						
L0030637		0	0.66164E-02	443540.0	3770042.7	270.0	0.00	
8.74	2.72	YES						
L0030638		0	0.66164E-02	443524.5	3770053.3	270.0	0.00	
8.74	2.72	YES						
L0030639		0	0.66164E-02	443509.0	3770064.0	270.0	0.00	
8.74	2.72	YES						
L0030640		0	0.66164E-02	443493.6	3770074.7	270.0	0.00	
8.74	2.72	YES						
L0030641		0	0.66164E-02	443478.1	3770085.4	270.0	0.00	
8.74	2.72	YES						
L0030642		0	0.66164E-02	443462.6	3770096.0	270.0	0.00	
8.74	2.72	YES						
L0030643		0	0.66164E-02	443447.1	3770106.7	270.0	0.00	
8.74	2.72	YES						
L0030644		0	0.66164E-02	443431.7	3770117.4	270.0	0.00	
8.74	2.72	YES						
L0030645		0	0.66164E-02	443416.3	3770128.2	270.0	0.00	
8.74	2.72	YES						
L0030646		0	0.66164E-02	443400.9	3770139.0	270.0	0.00	
8.74	2.72	YES						
L0030647		0	0.66164E-02	443385.5	3770149.8	270.0	0.00	
8.74	2.72	YES						
L0030648		0	0.66164E-02	443370.1	3770160.5	270.0	0.00	
8.74	2.72	YES						
L0030649		0	0.66164E-02	443354.7	3770171.3	270.0	0.00	
8.74	2.72	YES						
L0030650		0	0.66164E-02	443339.3	3770182.1	270.0	0.00	
8.74	2.72	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030651	0	0.66164E-02	443323.9	3770192.9	270.0	0.00	8.74	2.72	YES
L0030652	0	0.66164E-02	443308.5	3770203.7	270.0	0.00	8.74	2.72	YES
L0030653	0	0.66164E-02	443293.1	3770214.5	270.0	0.00	8.74	2.72	YES
L0030654	0	0.66164E-02	443277.7	3770225.2	270.0	0.00	8.74	2.72	YES
L0030655	0	0.66164E-02	443262.3	3770236.0	270.0	0.00	8.74	2.72	YES
L0030656	0	0.66164E-02	443246.9	3770246.8	270.0	0.00	8.74	2.72	YES
L0030657	0	0.66164E-02	443231.5	3770257.6	270.0	0.00	8.74	2.72	YES
L0030658	0	0.66164E-02	443216.1	3770268.4	270.0	0.00	8.74	2.72	YES
L0030659	0	0.66164E-02	443200.7	3770279.1	270.0	0.00	8.74	2.72	YES
L0030660	0	0.66164E-02	443185.3	3770289.9	270.0	0.00	8.74	2.72	YES
L0030661	0	0.66164E-02	443169.9	3770300.7	270.0	0.00	8.74	2.72	YES
L0030662	0	0.66164E-02	443154.5	3770311.5	270.0	0.00	8.74	2.72	YES
L0030663	0	0.66164E-02	443139.0	3770322.3	270.0	0.00	8.74	2.72	YES
L0030664	0	0.66164E-02	443123.6	3770333.0	270.0	0.00	8.74	2.72	YES
L0030665	0	0.66164E-02	443108.2	3770343.8	270.0	0.00	8.74	2.72	YES
L0030666	0	0.66164E-02	443092.8	3770354.6	270.0	0.00	8.74	2.72	YES

L0030667		0	0.66164E-02	443077.4	3770365.4	270.0	0.00	
8.74	2.72	YES						
L0030668		0	0.66164E-02	443062.0	3770376.2	270.0	0.00	
8.74	2.72	YES						
L0030669		0	0.66164E-02	443046.6	3770386.9	270.0	0.00	
8.74	2.72	YES						
L0030670		0	0.66164E-02	443031.2	3770397.7	270.0	0.00	
8.74	2.72	YES						
L0030671		0	0.66164E-02	443015.8	3770408.5	270.0	0.00	
8.74	2.72	YES						
L0030672		0	0.66164E-02	443000.4	3770419.3	270.0	0.00	
8.74	2.72	YES						
L0030673		0	0.66164E-02	442985.0	3770430.1	270.0	0.00	
8.74	2.72	YES						
L0030674		0	0.66502E-02	443012.0	3770445.2	270.0	0.00	
8.74	2.72	YES						
L0030675		0	0.66502E-02	443027.3	3770434.2	270.0	0.00	
8.74	2.72	YES						
L0030676		0	0.66502E-02	443042.6	3770423.3	270.0	0.00	
8.74	2.72	YES						
L0030677		0	0.66502E-02	443057.9	3770412.4	270.0	0.00	
8.74	2.72	YES						
L0030678		0	0.66502E-02	443073.2	3770401.4	270.0	0.00	
8.74	2.72	YES						
L0030679		0	0.66502E-02	443088.4	3770390.5	270.0	0.00	
8.74	2.72	YES						
L0030680		0	0.66502E-02	443103.7	3770379.5	270.0	0.00	
8.74	2.72	YES						
L0030681		0	0.66502E-02	443119.0	3770368.6	270.0	0.00	
8.74	2.72	YES						
L0030682		0	0.66502E-02	443134.3	3770357.6	270.0	0.00	
8.74	2.72	YES						
L0030683		0	0.66502E-02	443149.6	3770346.7	270.0	0.00	
8.74	2.72	YES						
L0030684		0	0.66502E-02	443164.9	3770335.7	270.0	0.00	
8.74	2.72	YES						
L0030685		0	0.66502E-02	443180.1	3770324.8	270.0	0.00	
8.74	2.72	YES						
L0030686		0	0.66502E-02	443195.5	3770313.9	270.0	0.00	
8.74	2.72	YES						
L0030687		0	0.66502E-02	443210.9	3770303.1	270.0	0.00	
8.74	2.72	YES						
L0030688		0	0.66502E-02	443226.2	3770292.3	270.0	0.00	
8.74	2.72	YES						
L0030689		0	0.66502E-02	443241.6	3770281.4	270.0	0.00	
8.74	2.72	YES						
L0030690		0	0.66502E-02	443257.0	3770270.6	270.0	0.00	
8.74	2.72	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030691	0	0.66502E-02	443272.3	3770259.8	270.0	0.00	8.74	2.72	YES
L0030692	0	0.66502E-02	443287.7	3770248.9	270.0	0.00	8.74	2.72	YES
L0030693	0	0.66502E-02	443303.0	3770238.0	270.0	0.00	8.74	2.72	YES
L0030694	0	0.66502E-02	443318.2	3770226.9	270.0	0.00	8.74	2.72	YES
L0030695	0	0.66502E-02	443333.3	3770215.8	270.0	0.00	8.74	2.72	YES
L0030696	0	0.66502E-02	443348.5	3770204.7	270.0	0.00	8.74	2.72	YES
L0030697	0	0.66502E-02	443363.7	3770193.6	270.0	0.00	8.74	2.72	YES
L0030698	0	0.66502E-02	443378.9	3770182.5	270.0	0.00	8.74	2.72	YES
L0030699	0	0.66502E-02	443394.0	3770171.4	270.0	0.00	8.74	2.72	YES
L0030700	0	0.66502E-02	443409.2	3770160.3	270.0	0.00	8.74	2.72	YES
L0030701	0	0.66502E-02	443424.4	3770149.2	270.0	0.00	8.74	2.72	YES
L0030702	0	0.66502E-02	443439.6	3770138.1	270.0	0.00	8.74	2.72	YES
L0030703	0	0.66502E-02	443454.8	3770127.0	270.0	0.00	8.74	2.72	YES
L0030704	0	0.66502E-02	443469.9	3770115.9	270.0	0.00	8.74	2.72	YES
L0030705	0	0.66502E-02	443485.1	3770104.8	270.0	0.00	8.74	2.72	YES
L0030706	0	0.66502E-02	443500.3	3770093.8	270.0	0.00	8.74	2.72	YES

L0030707		0	0.66502E-02	443515.5	3770082.7	270.0	0.00
8.74	2.72	YES					
L0030708		0	0.66502E-02	443530.6	3770071.6	270.0	0.00
8.74	2.72	YES					
L0030709		0	0.66502E-02	443545.8	3770060.5	270.0	0.00
8.74	2.72	YES					
L0030710		0	0.66502E-02	443561.0	3770049.4	270.0	0.00
8.74	2.72	YES					
L0030711		0	0.66502E-02	443576.2	3770038.3	270.0	0.00
8.74	2.72	YES					
L0030712		0	0.66502E-02	443591.3	3770027.2	270.0	0.00
8.74	2.72	YES					
L0030713		0	0.66502E-02	443606.5	3770016.1	270.0	0.00
8.74	2.72	YES					
L0030714		0	0.66502E-02	443621.7	3770005.0	270.0	0.00
8.74	2.72	YES					
L0030715		0	0.66502E-02	443637.1	3769994.2	270.0	0.00
8.74	2.72	YES					
L0030716		0	0.66502E-02	443653.3	3769984.7	270.0	0.00
8.74	2.72	YES					
L0030717		0	0.66502E-02	443669.5	3769975.2	270.0	0.00
8.74	2.72	YES					
L0030718		0	0.66502E-02	443685.7	3769965.7	270.0	0.00
8.74	2.72	YES					
L0030719		0	0.66502E-02	443701.9	3769956.1	270.0	0.00
8.74	2.72	YES					
L0030720		0	0.66502E-02	443718.1	3769946.6	270.0	0.00
8.74	2.72	YES					
L0030721		0	0.66502E-02	443734.4	3769937.3	270.0	0.00
8.74	2.72	YES					
L0030722		0	0.66502E-02	443750.8	3769928.0	270.0	0.00
8.74	2.72	YES					
L0030723		0	0.66502E-02	443767.2	3769918.8	270.0	0.00
8.74	2.72	YES					
L0030724		0	0.66502E-02	443783.5	3769909.5	270.0	0.00
8.74	2.72	YES					
L0030725		0	0.66502E-02	443799.9	3769900.2	270.0	0.00
8.74	2.72	YES					
L0030726		0	0.66502E-02	443816.3	3769891.0	270.0	0.00
8.74	2.72	YES					
L0030727		0	0.66502E-02	443832.6	3769881.7	270.0	0.00
8.74	2.72	YES					
L0030728		0	0.66502E-02	443849.2	3769872.9	270.0	0.00
8.74	2.72	YES					
L0030729		0	0.66502E-02	443866.3	3769865.0	270.0	0.00
8.74	2.72	YES					
L0030730		0	0.66502E-02	443883.4	3769857.1	270.0	0.00
8.74	2.72	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030731	0	0.66502E-02	443900.4	3769849.3	270.0	0.00	8.74	2.72	YES
L0030732	0	0.66502E-02	443917.5	3769841.4	270.0	0.00	8.74	2.72	YES
L0030733	0	0.66502E-02	443934.6	3769833.5	270.0	0.00	8.74	2.72	YES
L0030734	0	0.66502E-02	443951.6	3769825.7	270.0	0.00	8.74	2.72	YES
L0030735	0	0.66502E-02	443968.7	3769817.8	270.0	0.00	8.74	2.72	YES
L0030736	0	0.66502E-02	443985.8	3769809.9	270.0	0.00	8.74	2.72	YES
L0030737	0	0.66502E-02	444002.9	3769802.0	270.0	0.00	8.74	2.72	YES
L0030738	0	0.66502E-02	444020.0	3769794.2	270.0	0.00	8.74	2.72	YES
L0030739	0	0.66502E-02	444038.1	3769789.3	270.0	0.00	8.74	2.72	YES
L0030740	0	0.66502E-02	444056.3	3769784.5	270.0	0.00	8.74	2.72	YES
L0030741	0	0.66502E-02	444074.4	3769779.6	270.0	0.00	8.74	2.72	YES
L0030742	0	0.66502E-02	444092.6	3769774.7	270.0	0.00	8.74	2.72	YES
L0030743	0	0.66502E-02	444110.7	3769769.8	270.0	0.00	8.74	2.72	YES
L0030744	0	0.66502E-02	444128.9	3769764.9	270.0	0.00	8.74	2.72	YES
L0030745	0	0.66502E-02	444147.0	3769760.0	270.0	0.00	8.74	2.72	YES
L0030746	0	0.66502E-02	444165.2	3769755.1	270.0	0.00	8.74	2.72	YES

L0030747		0	0.66502E-02	444183.3	3769750.2	270.0	0.00	
8.74	2.72	YES						
L0030748		0	0.66502E-02	444201.5	3769745.3	270.0	0.00	
8.74	2.72	YES						
L0030749		0	0.66502E-02	444219.6	3769740.4	270.0	0.00	
8.74	2.72	YES						
L0030750		0	0.66502E-02	444237.8	3769735.5	270.0	0.00	
8.74	2.72	YES						
L0030751		0	0.66502E-02	444255.9	3769730.6	270.0	0.00	
8.74	2.72	YES						
L0030752		0	0.66502E-02	444274.1	3769725.7	270.0	0.00	
8.74	2.72	YES						
L0030753		0	0.66502E-02	444292.2	3769720.8	270.0	0.00	
8.74	2.72	YES						
L0030754		0	0.66502E-02	444310.4	3769715.9	270.0	0.00	
8.74	2.72	YES						
L0030755		0	0.66502E-02	444328.6	3769711.2	270.0	0.00	
8.74	2.72	YES						
L0030756		0	0.66502E-02	444347.2	3769708.7	270.0	0.00	
8.74	2.72	YES						
L0030757		0	0.66502E-02	444365.8	3769706.1	270.0	0.00	
8.74	2.72	YES						
L0030758		0	0.66502E-02	444384.5	3769703.6	270.0	0.00	
8.74	2.72	YES						
L0030759		0	0.66502E-02	444403.1	3769701.1	270.0	0.00	
8.74	2.72	YES						
L0030760		0	0.66502E-02	444421.7	3769698.6	270.0	0.00	
8.74	2.72	YES						
L0030761		0	0.66502E-02	444440.3	3769696.0	270.0	0.00	
8.74	2.72	YES						
L0030762		0	0.66502E-02	444459.0	3769693.5	270.0	0.00	
8.74	2.72	YES						
L0030763		0	0.66502E-02	444477.6	3769691.0	270.0	0.00	
8.74	2.72	YES						
L0030764		0	0.66502E-02	444496.2	3769688.4	270.0	0.00	
8.74	2.72	YES						
L0030765		0	0.66502E-02	444514.9	3769685.9	270.0	0.00	
8.74	2.72	YES						
L0030766		0	0.66502E-02	444533.5	3769683.4	270.0	0.00	
8.74	2.72	YES						
L0030767		0	0.66502E-02	444552.1	3769680.9	270.0	0.00	
8.74	2.72	YES						
L0030768		0	0.66502E-02	444570.8	3769678.4	270.0	0.00	
8.74	2.72	YES						
L0030769		0	0.66502E-02	444589.5	3769676.7	270.0	0.00	
8.74	2.72	YES						
L0030770		0	0.66502E-02	444608.2	3769675.0	270.0	0.00	
8.74	2.72	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030771	0	0.66502E-02	444626.9	3769673.4	270.0	0.00	8.74	2.72	YES
L0030772	0	0.66502E-02	444645.7	3769671.7	270.0	0.00	8.74	2.72	YES
L0030773	0	0.66502E-02	444664.4	3769670.0	270.0	0.00	8.74	2.72	YES
L0030774	0	0.66502E-02	444683.1	3769668.3	270.0	0.00	8.74	2.72	YES
L0030775	0	0.66502E-02	444701.8	3769666.7	270.0	0.00	8.74	2.72	YES
L0030776	0	0.66502E-02	444720.6	3769665.0	270.0	0.00	8.74	2.72	YES
L0030777	0	0.66502E-02	444739.3	3769663.3	270.0	0.00	8.74	2.72	YES
L0030778	0	0.66502E-02	444758.0	3769661.9	270.0	0.00	8.74	2.72	YES
L0030779	0	0.66502E-02	444776.8	3769660.5	270.0	0.00	8.74	2.72	YES
L0030780	0	0.66502E-02	444795.5	3769659.2	270.0	0.00	8.74	2.72	YES
L0030781	0	0.66502E-02	444814.3	3769657.8	270.0	0.00	8.74	2.72	YES
L0030782	0	0.66502E-02	444833.0	3769656.5	270.0	0.00	8.74	2.72	YES
L0030783	0	0.66502E-02	444851.8	3769654.8	270.0	0.00	8.74	2.72	YES
L0030784	0	0.66502E-02	444870.4	3769652.5	270.0	0.00	8.74	2.72	YES
L0030785	0	0.66502E-02	444889.1	3769650.1	270.0	0.00	8.74	2.72	YES
L0030786	0	0.66502E-02	444907.7	3769647.7	270.0	0.00	8.74	2.72	YES

L0030787		0	0.66502E-02	444926.3	3769645.3	270.0	0.00
8.74	2.72	YES					
L0030788		0	0.66502E-02	444945.0	3769642.9	270.0	0.00
8.74	2.72	YES					
L0030789		0	0.66502E-02	444963.6	3769640.6	270.0	0.00
8.74	2.72	YES					
L0030790		0	0.66502E-02	444982.3	3769638.2	270.0	0.00
8.74	2.72	YES					
L0030791		0	0.66502E-02	445001.0	3769636.7	270.0	0.00
8.74	2.72	YES					
L0030792		0	0.66502E-02	445019.8	3769635.4	270.0	0.00
8.74	2.72	YES					
L0030793		0	0.66502E-02	445038.5	3769634.2	270.0	0.00
8.74	2.72	YES					
L0030794		0	0.66502E-02	445057.3	3769632.9	270.0	0.00
8.74	2.72	YES					
L0030795		0	0.66502E-02	445076.1	3769631.6	270.0	0.00
8.74	2.72	YES					
L0030796		0	0.66502E-02	445094.8	3769630.4	270.0	0.00
8.74	2.72	YES					
L0030797		0	0.66502E-02	445113.6	3769629.1	270.0	0.00
8.74	2.72	YES					
L0030798		0	0.66502E-02	445132.3	3769627.9	270.0	0.00
8.74	2.72	YES					
L0030799		0	0.66502E-02	445151.1	3769627.4	270.0	0.00
8.74	2.72	YES					
L0030800		0	0.66502E-02	445169.9	3769627.0	270.0	0.00
8.74	2.72	YES					
L0030801		0	0.66502E-02	445188.7	3769626.6	270.0	0.00
8.74	2.72	YES					
L0030802		0	0.66502E-02	445207.5	3769626.2	270.0	0.00
8.74	2.72	YES					
L0030803		0	0.66502E-02	445226.3	3769625.8	270.0	0.00
8.74	2.72	YES					
L0030804		0	0.66502E-02	445245.1	3769625.5	270.0	0.00
8.74	2.72	YES					
L0030805		0	0.66502E-02	445263.9	3769625.4	270.0	0.00
8.74	2.72	YES					
L0030806		0	0.66502E-02	445282.7	3769625.3	270.0	0.00
8.74	2.72	YES					
L0030807		0	0.66502E-02	445301.5	3769625.2	270.0	0.00
8.74	2.72	YES					
L0030808		0	0.66502E-02	445320.3	3769625.0	270.0	0.00
8.74	2.72	YES					
L0030809		0	0.66502E-02	445339.1	3769624.9	270.0	0.00
8.74	2.72	YES					
L0030810		0	0.66502E-02	445357.9	3769624.8	270.0	0.00
8.74	2.72	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030811	0	0.66502E-02	445376.7	3769624.7	270.0	0.00	8.74	2.72	YES
L0030812	0	0.66502E-02	445395.5	3769624.6	270.0	0.00	8.74	2.72	YES
L0030813	0	0.66502E-02	445414.3	3769624.4	270.0	0.00	8.74	2.72	YES
L0030814	0	0.66502E-02	445433.1	3769624.3	270.0	0.00	8.74	2.72	YES
L0030815	0	0.76544E-03	443697.5	3769892.2	270.0	0.00	4.19	2.38	YES
L0030816	0	0.76544E-03	443705.8	3769888.7	270.0	0.00	4.19	2.38	YES
L0030817	0	0.76544E-03	443714.1	3769885.1	270.0	0.00	4.19	2.38	YES
L0030818	0	0.76544E-03	443722.3	3769881.6	270.0	0.00	4.19	2.38	YES
L0030819	0	0.76544E-03	443730.6	3769878.1	270.0	0.00	4.19	2.38	YES
L0030820	0	0.76544E-03	443738.9	3769874.6	270.0	0.00	4.19	2.38	YES
L0030821	0	0.76544E-03	443747.2	3769871.1	270.0	0.00	4.19	2.38	YES
L0030822	0	0.76544E-03	443755.5	3769867.6	270.0	0.00	4.19	2.38	YES
L0030823	0	0.76544E-03	443763.8	3769864.0	270.0	0.00	4.19	2.38	YES
L0030824	0	0.76544E-03	443772.1	3769860.5	270.0	0.00	4.19	2.38	YES
L0030825	0	0.76544E-03	443780.3	3769857.0	270.0	0.00	4.19	2.38	YES
L0030826	0	0.76544E-03	443788.6	3769853.5	270.0	0.00	4.19	2.38	YES

L0030827		0	0.76544E-03	443796.9	3769850.0	270.0	0.00	
4.19	2.38	YES						
L0030828		0	0.76544E-03	443805.2	3769846.4	270.0	0.00	
4.19	2.38	YES						
L0030829		0	0.76544E-03	443813.5	3769842.9	270.0	0.00	
4.19	2.38	YES						
L0030830		0	0.76544E-03	443821.8	3769839.4	270.0	0.00	
4.19	2.38	YES						
L0030831		0	0.76544E-03	443829.9	3769835.7	270.0	0.00	
4.19	2.38	YES						
L0030832		0	0.76544E-03	443837.8	3769831.3	270.0	0.00	
4.19	2.38	YES						
L0030833		0	0.76544E-03	443845.7	3769827.0	270.0	0.00	
4.19	2.38	YES						
L0030834		0	0.76544E-03	443853.6	3769822.6	270.0	0.00	
4.19	2.38	YES						
L0030835		0	0.76544E-03	443861.5	3769818.3	270.0	0.00	
4.19	2.38	YES						
L0030836		0	0.76544E-03	443869.3	3769813.9	270.0	0.00	
4.19	2.38	YES						
L0030837		0	0.76544E-03	443877.2	3769809.6	270.0	0.00	
4.19	2.38	YES						
L0030838		0	0.76544E-03	443885.1	3769805.2	270.0	0.00	
4.19	2.38	YES						
L0030839		0	0.76544E-03	443893.2	3769801.3	270.0	0.00	
4.19	2.38	YES						
L0030840		0	0.76544E-03	443901.7	3769798.6	270.0	0.00	
4.19	2.38	YES						
L0030841		0	0.76544E-03	443910.3	3769795.8	270.0	0.00	
4.19	2.38	YES						
L0030842		0	0.76544E-03	443918.9	3769793.1	270.0	0.00	
4.19	2.38	YES						
L0030843		0	0.76544E-03	443927.4	3769790.3	270.0	0.00	
4.19	2.38	YES						
L0030844		0	0.76544E-03	443936.0	3769787.6	270.0	0.00	
4.19	2.38	YES						
L0030845		0	0.76544E-03	443944.6	3769784.8	270.0	0.00	
4.19	2.38	YES						
L0030846		0	0.76544E-03	443953.1	3769782.1	270.0	0.00	
4.19	2.38	YES						
L0030847		0	0.76544E-03	443961.7	3769779.3	270.0	0.00	
4.19	2.38	YES						
L0030848		0	0.76544E-03	443970.3	3769776.6	270.0	0.00	
4.19	2.38	YES						
L0030849		0	0.76544E-03	443978.9	3769773.8	270.0	0.00	
4.19	2.38	YES						
L0030850		0	0.76544E-03	443987.4	3769771.1	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030851	0	0.76544E-03	443996.0	3769768.3	270.0	0.00	4.19	2.38	YES
L0030852	0	0.76544E-03	444004.6	3769765.6	270.0	0.00	4.19	2.38	YES
L0030853	0	0.76544E-03	444013.1	3769762.8	270.0	0.00	4.19	2.38	YES
L0030854	0	0.76544E-03	444021.7	3769760.1	270.0	0.00	4.19	2.38	YES
L0030855	0	0.76544E-03	444030.3	3769757.3	270.0	0.00	4.19	2.38	YES
L0030856	0	0.76544E-03	444038.8	3769754.6	270.0	0.00	4.19	2.38	YES
L0030857	0	0.76544E-03	444047.4	3769751.8	270.0	0.00	4.19	2.38	YES
L0030858	0	0.76544E-03	444056.0	3769749.1	270.0	0.00	4.19	2.38	YES
L0030859	0	0.76544E-03	444064.6	3769746.3	270.0	0.00	4.19	2.38	YES
L0030860	0	0.76544E-03	444073.1	3769743.6	270.0	0.00	4.19	2.38	YES
L0030861	0	0.76544E-03	444081.7	3769740.8	270.0	0.00	4.19	2.38	YES
L0030862	0	0.76544E-03	444090.3	3769738.1	270.0	0.00	4.19	2.38	YES
L0030863	0	0.76544E-03	444098.8	3769735.4	270.0	0.00	4.19	2.38	YES
L0030864	0	0.76544E-03	444107.4	3769732.6	270.0	0.00	4.19	2.38	YES
L0030865	0	0.76544E-03	444116.0	3769729.9	270.0	0.00	4.19	2.38	YES
L0030866	0	0.76544E-03	444124.5	3769727.1	270.0	0.00	4.19	2.38	YES

L0030867		0	0.76544E-03	444133.1	3769724.4	270.0	0.00	
4.19	2.38	YES						
L0030868		0	0.76544E-03	444141.7	3769721.6	270.0	0.00	
4.19	2.38	YES						
L0030869		0	0.76544E-03	444150.3	3769718.9	270.0	0.00	
4.19	2.38	YES						
L0030870		0	0.76544E-03	444158.8	3769716.1	270.0	0.00	
4.19	2.38	YES						
L0030871		0	0.76544E-03	444167.4	3769713.4	270.0	0.00	
4.19	2.38	YES						
L0030872		0	0.76544E-03	444176.0	3769710.6	270.0	0.00	
4.19	2.38	YES						
L0030873		0	0.76544E-03	444184.5	3769707.9	270.0	0.00	
4.19	2.38	YES						
L0030874		0	0.76544E-03	444193.1	3769705.1	270.0	0.00	
4.19	2.38	YES						
L0030875		0	0.76544E-03	444201.7	3769702.5	270.0	0.00	
4.19	2.38	YES						
L0030876		0	0.76544E-03	444210.4	3769700.1	270.0	0.00	
4.19	2.38	YES						
L0030877		0	0.76544E-03	444219.1	3769697.7	270.0	0.00	
4.19	2.38	YES						
L0030878		0	0.76544E-03	444227.7	3769695.2	270.0	0.00	
4.19	2.38	YES						
L0030879		0	0.76544E-03	444236.4	3769692.8	270.0	0.00	
4.19	2.38	YES						
L0030880		0	0.76544E-03	444245.0	3769690.3	270.0	0.00	
4.19	2.38	YES						
L0030881		0	0.76544E-03	444253.7	3769687.9	270.0	0.00	
4.19	2.38	YES						
L0030882		0	0.76544E-03	444262.4	3769685.5	270.0	0.00	
4.19	2.38	YES						
L0030883		0	0.76544E-03	444271.0	3769683.0	270.0	0.00	
4.19	2.38	YES						
L0030884		0	0.76544E-03	444279.7	3769680.6	270.0	0.00	
4.19	2.38	YES						
L0030885		0	0.76544E-03	444288.4	3769678.2	270.0	0.00	
4.19	2.38	YES						
L0030886		0	0.76544E-03	444297.0	3769675.7	270.0	0.00	
4.19	2.38	YES						
L0030887		0	0.76544E-03	444305.7	3769673.3	270.0	0.00	
4.19	2.38	YES						
L0030888		0	0.76544E-03	444314.4	3769670.8	270.0	0.00	
4.19	2.38	YES						
L0030889		0	0.76544E-03	444323.0	3769668.4	270.0	0.00	
4.19	2.38	YES						
L0030890		0	0.76544E-03	444331.7	3769666.0	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030891	0	0.76544E-03	444340.3	3769663.5	270.0	0.00	4.19	2.38	YES
L0030892	0	0.76544E-03	444349.0	3769661.1	270.0	0.00	4.19	2.38	YES
L0030893	0	0.76544E-03	444357.7	3769658.7	270.0	0.00	4.19	2.38	YES
L0030894	0	0.82429E-03	443438.2	3770102.8	270.0	0.00	4.19	2.38	YES
L0030895	0	0.82429E-03	443445.1	3770097.0	270.0	0.00	4.19	2.38	YES
L0030896	0	0.82429E-03	443451.9	3770091.2	270.0	0.00	4.19	2.38	YES
L0030897	0	0.82429E-03	443458.8	3770085.5	270.0	0.00	4.19	2.38	YES
L0030898	0	0.82429E-03	443465.7	3770079.7	270.0	0.00	4.19	2.38	YES
L0030899	0	0.82429E-03	443472.6	3770073.9	270.0	0.00	4.19	2.38	YES
L0030900	0	0.82429E-03	443479.5	3770068.1	270.0	0.00	4.19	2.38	YES
L0030901	0	0.82429E-03	443486.4	3770062.3	270.0	0.00	4.19	2.38	YES
L0030902	0	0.82429E-03	443493.3	3770056.5	270.0	0.00	4.19	2.38	YES
L0030903	0	0.82429E-03	443500.1	3770050.7	270.0	0.00	4.19	2.38	YES
L0030904	0	0.82429E-03	443507.0	3770044.9	270.0	0.00	4.19	2.38	YES
L0030905	0	0.82429E-03	443513.9	3770039.1	270.0	0.00	4.19	2.38	YES
L0030906	0	0.82429E-03	443520.3	3770032.7	270.0	0.00	4.19	2.38	YES

L0030907		0	0.82429E-03	443526.6	3770026.4	270.0	0.00	
4.19	2.38	YES						
L0030908		0	0.82429E-03	443533.0	3770020.0	270.0	0.00	
4.19	2.38	YES						
L0030909		0	0.82429E-03	443539.4	3770013.6	270.0	0.00	
4.19	2.38	YES						
L0030910		0	0.82429E-03	443545.8	3770007.3	270.0	0.00	
4.19	2.38	YES						
L0030911		0	0.82429E-03	443552.1	3770000.9	270.0	0.00	
4.19	2.38	YES						
L0030912		0	0.82429E-03	443558.5	3769994.6	270.0	0.00	
4.19	2.38	YES						
L0030913		0	0.82429E-03	443564.9	3769988.3	270.0	0.00	
4.19	2.38	YES						
L0030914		0	0.82429E-03	443571.5	3769982.1	270.0	0.00	
4.19	2.38	YES						
L0030915		0	0.82429E-03	443578.0	3769975.9	270.0	0.00	
4.19	2.38	YES						
L0030916		0	0.82429E-03	443584.6	3769969.8	270.0	0.00	
4.19	2.38	YES						
L0030917		0	0.82429E-03	443591.1	3769963.6	270.0	0.00	
4.19	2.38	YES						
L0030918		0	0.82429E-03	443597.6	3769957.4	270.0	0.00	
4.19	2.38	YES						
L0030919		0	0.82429E-03	443604.2	3769951.2	270.0	0.00	
4.19	2.38	YES						
L0030920		0	0.82429E-03	443611.0	3769945.4	270.0	0.00	
4.19	2.38	YES						
L0030921		0	0.82429E-03	443617.9	3769939.5	270.0	0.00	
4.19	2.38	YES						
L0030922		0	0.82429E-03	443624.7	3769933.6	270.0	0.00	
4.19	2.38	YES						
L0030923		0	0.82429E-03	443631.9	3769928.3	270.0	0.00	
4.19	2.38	YES						
L0030924		0	0.82429E-03	443640.0	3769924.4	270.0	0.00	
4.19	2.38	YES						
L0030925		0	0.82429E-03	443648.1	3769920.5	270.0	0.00	
4.19	2.38	YES						
L0030926		0	0.82429E-03	443656.2	3769916.6	270.0	0.00	
4.19	2.38	YES						
L0030927		0	0.82429E-03	443664.3	3769912.7	270.0	0.00	
4.19	2.38	YES						
L0030928		0	0.82429E-03	443672.5	3769908.9	270.0	0.00	
4.19	2.38	YES						
L0030929		0	0.63788E-03	443741.2	3770047.3	270.0	0.00	
4.19	2.38	YES						
L0030930		0	0.63788E-03	443749.9	3770044.8	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030931	0	0.63788E-03	443758.5	3770042.3	270.0	0.00	4.19	2.38	YES
L0030932	0	0.63788E-03	443767.2	3770039.8	270.0	0.00	4.19	2.38	YES
L0030933	0	0.63788E-03	443775.8	3770037.4	270.0	0.00	4.19	2.38	YES
L0030934	0	0.63788E-03	443784.5	3770034.9	270.0	0.00	4.19	2.38	YES
L0030935	0	0.63788E-03	443793.1	3770032.4	270.0	0.00	4.19	2.38	YES
L0030936	0	0.63788E-03	443801.7	3770029.9	270.0	0.00	4.19	2.38	YES
L0030937	0	0.63788E-03	443810.4	3770027.4	270.0	0.00	4.19	2.38	YES
L0030938	0	0.63788E-03	443817.9	3770022.8	270.0	0.00	4.19	2.38	YES
L0030939	0	0.63788E-03	443824.9	3770017.1	270.0	0.00	4.19	2.38	YES
L0030940	0	0.63788E-03	443831.9	3770011.4	270.0	0.00	4.19	2.38	YES
L0030941	0	0.63788E-03	443838.9	3770005.7	270.0	0.00	4.19	2.38	YES
L0030942	0	0.63788E-03	443845.1	3769999.5	270.0	0.00	4.19	2.38	YES
L0030943	0	0.63788E-03	443849.4	3769991.5	270.0	0.00	4.19	2.38	YES
L0030944	0	0.63788E-03	443853.6	3769983.6	270.0	0.00	4.19	2.38	YES
L0030945	0	0.63788E-03	443857.8	3769975.6	270.0	0.00	4.19	2.38	YES
L0030946	0	0.63788E-03	443858.9	3769967.2	270.0	0.00	4.19	2.38	YES

L0030947		0	0.63788E-03	443857.1	3769958.4	270.0	0.00	
4.19	2.38	YES						
L0030948		0	0.63788E-03	443855.4	3769949.6	270.0	0.00	
4.19	2.38	YES						
L0030949		0	0.63788E-03	443850.4	3769942.4	270.0	0.00	
4.19	2.38	YES						
L0030950		0	0.63788E-03	443844.1	3769936.1	270.0	0.00	
4.19	2.38	YES						
L0030951		0	0.63788E-03	443837.7	3769929.7	270.0	0.00	
4.19	2.38	YES						
L0030952		0	0.63788E-03	443829.2	3769927.4	270.0	0.00	
4.19	2.38	YES						
L0030953		0	0.63788E-03	443820.4	3769925.9	270.0	0.00	
4.19	2.38	YES						
L0030954		0	0.63788E-03	443811.7	3769927.7	270.0	0.00	
4.19	2.38	YES						
L0030955		0	0.63788E-03	443803.1	3769930.4	270.0	0.00	
4.19	2.38	YES						
L0030956		0	0.63788E-03	443794.5	3769933.0	270.0	0.00	
4.19	2.38	YES						
L0030957		0	0.63788E-03	443786.1	3769936.2	270.0	0.00	
4.19	2.38	YES						
L0030958		0	0.63788E-03	443778.0	3769940.1	270.0	0.00	
4.19	2.38	YES						
L0030959		0	0.63788E-03	443769.9	3769944.0	270.0	0.00	
4.19	2.38	YES						
L0030960		0	0.63788E-03	443761.8	3769947.9	270.0	0.00	
4.19	2.38	YES						
L0030961		0	0.63788E-03	443753.7	3769951.8	270.0	0.00	
4.19	2.38	YES						
L0030962		0	0.63788E-03	443745.5	3769955.7	270.0	0.00	
4.19	2.38	YES						
L0030963		0	0.63788E-03	443737.4	3769959.6	270.0	0.00	
4.19	2.38	YES						
L0030964		0	0.63788E-03	443729.3	3769963.5	270.0	0.00	
4.19	2.38	YES						
L0030965		0	0.63788E-03	443721.2	3769967.4	270.0	0.00	
4.19	2.38	YES						
L0030966		0	0.63788E-03	443713.1	3769971.3	270.0	0.00	
4.19	2.38	YES						
L0030967		0	0.63788E-03	443705.0	3769975.2	270.0	0.00	
4.19	2.38	YES						
L0030968		0	0.63788E-03	443697.0	3769979.3	270.0	0.00	
4.19	2.38	YES						
L0030969		0	0.63788E-03	443689.4	3769984.1	270.0	0.00	
4.19	2.38	YES						
L0030970		0	0.63788E-03	443681.7	3769988.8	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030971	0	0.63788E-03	443674.1	3769993.6	270.0	0.00	4.19	2.38	YES
L0030972	0	0.63788E-03	443666.5	3769998.4	270.0	0.00	4.19	2.38	YES
L0030973	0	0.63788E-03	443658.9	3770003.2	270.0	0.00	4.19	2.38	YES
L0030974	0	0.63788E-03	443651.2	3770008.0	270.0	0.00	4.19	2.38	YES
L0030975	0	0.63788E-03	443643.6	3770012.8	270.0	0.00	4.19	2.38	YES
L0030976	0	0.63788E-03	443636.0	3770017.5	270.0	0.00	4.19	2.38	YES
L0030977	0	0.63788E-03	443628.4	3770022.3	270.0	0.00	4.19	2.38	YES
L0030978	0	0.63788E-03	443620.7	3770027.1	270.0	0.00	4.19	2.38	YES
L0030979	0	0.63788E-03	443613.1	3770031.9	270.0	0.00	4.19	2.38	YES
L0030980	0	0.63788E-03	443605.5	3770036.7	270.0	0.00	4.19	2.38	YES
L0030981	0	0.65107E-03	443691.2	3770111.8	270.0	0.00	4.19	2.38	YES
L0030982	0	0.65107E-03	443688.5	3770103.2	270.0	0.00	4.19	2.38	YES
L0030983	0	0.65107E-03	443685.8	3770094.6	270.0	0.00	4.19	2.38	YES
L0030984	0	0.65107E-03	443682.8	3770086.1	270.0	0.00	4.19	2.38	YES
L0030985	0	0.65107E-03	443679.7	3770077.7	270.0	0.00	4.19	2.38	YES
L0030986	0	0.65107E-03	443675.3	3770070.0	270.0	0.00	4.19	2.38	YES

L0030987		0	0.65107E-03	443669.0	3770063.6	270.0	0.00	
4.19	2.38	YES						
L0030988		0	0.65107E-03	443662.7	3770057.1	270.0	0.00	
4.19	2.38	YES						
L0030989		0	0.65107E-03	443654.8	3770053.1	270.0	0.00	
4.19	2.38	YES						
L0030990		0	0.65107E-03	443646.5	3770049.6	270.0	0.00	
4.19	2.38	YES						
L0030991		0	0.65107E-03	443637.8	3770047.4	270.0	0.00	
4.19	2.38	YES						
L0030992		0	0.65107E-03	443629.1	3770045.3	270.0	0.00	
4.19	2.38	YES						
L0030993		0	0.65107E-03	443620.2	3770045.3	270.0	0.00	
4.19	2.38	YES						
L0030994		0	0.65107E-03	443611.4	3770046.9	270.0	0.00	
4.19	2.38	YES						
L0030995		0	0.65107E-03	443602.9	3770049.6	270.0	0.00	
4.19	2.38	YES						
L0030996		0	0.65107E-03	443594.9	3770053.7	270.0	0.00	
4.19	2.38	YES						
L0030997		0	0.65107E-03	443586.7	3770057.5	270.0	0.00	
4.19	2.38	YES						
L0030998		0	0.65107E-03	443578.5	3770061.2	270.0	0.00	
4.19	2.38	YES						
L0030999		0	0.65107E-03	443570.7	3770065.6	270.0	0.00	
4.19	2.38	YES						
L0031000		0	0.65107E-03	443563.0	3770070.2	270.0	0.00	
4.19	2.38	YES						
L0031001		0	0.65107E-03	443555.2	3770074.8	270.0	0.00	
4.19	2.38	YES						
L0031002		0	0.65107E-03	443547.5	3770079.4	270.0	0.00	
4.19	2.38	YES						
L0031003		0	0.65107E-03	443539.8	3770084.1	270.0	0.00	
4.19	2.38	YES						
L0031004		0	0.65107E-03	443532.0	3770088.7	270.0	0.00	
4.19	2.38	YES						
L0031005		0	0.65107E-03	443524.3	3770093.3	270.0	0.00	
4.19	2.38	YES						
L0031006		0	0.65107E-03	443516.6	3770097.9	270.0	0.00	
4.19	2.38	YES						
L0031007		0	0.65107E-03	443508.8	3770102.5	270.0	0.00	
4.19	2.38	YES						
L0031008		0	0.65107E-03	443501.1	3770107.1	270.0	0.00	
4.19	2.38	YES						
L0031009		0	0.97887E-03	444158.3	3769774.4	270.0	0.00	
4.19	2.38	YES						
L0031010		0	0.97887E-03	444150.0	3769777.9	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0031011	0	0.97887E-03	444141.7	3769781.4	270.0	0.00	4.19	2.38	YES
L0031012	0	0.97887E-03	444133.4	3769784.8	270.0	0.00	4.19	2.38	YES
L0031013	0	0.97887E-03	444125.1	3769788.3	270.0	0.00	4.19	2.38	YES
L0031014	0	0.97887E-03	444116.8	3769791.7	270.0	0.00	4.19	2.38	YES
L0031015	0	0.97887E-03	444108.5	3769795.2	270.0	0.00	4.19	2.38	YES
L0031016	0	0.97887E-03	444100.2	3769798.7	270.0	0.00	4.19	2.38	YES
L0031017	0	0.97887E-03	444091.9	3769802.1	270.0	0.00	4.19	2.38	YES
L0031018	0	0.97887E-03	444083.5	3769805.6	270.0	0.00	4.19	2.38	YES
L0031019	0	0.97887E-03	444075.2	3769809.1	270.0	0.00	4.19	2.38	YES
L0031020	0	0.97887E-03	444066.9	3769812.5	270.0	0.00	4.19	2.38	YES
L0031021	0	0.97887E-03	444058.6	3769816.0	270.0	0.00	4.19	2.38	YES
L0031022	0	0.97887E-03	444050.3	3769819.5	270.0	0.00	4.19	2.38	YES
L0031023	0	0.97887E-03	444042.0	3769822.9	270.0	0.00	4.19	2.38	YES
L0031024	0	0.97887E-03	444033.7	3769826.4	270.0	0.00	4.19	2.38	YES
L0031025	0	0.97887E-03	444025.4	3769829.8	270.0	0.00	4.19	2.38	YES
L0031026	0	0.97887E-03	444017.1	3769833.3	270.0	0.00	4.19	2.38	YES

L0031027		0	0.97887E-03	444008.8	3769836.8	270.0	0.00	
4.19	2.38	YES						
L0031028		0	0.97887E-03	444000.5	3769840.2	270.0	0.00	
4.19	2.38	YES						
L0031029		0	0.97887E-03	443992.2	3769843.7	270.0	0.00	
4.19	2.38	YES						
L0031030		0	0.97887E-03	443983.9	3769847.2	270.0	0.00	
4.19	2.38	YES						
L0031031		0	0.97887E-03	443975.6	3769850.6	270.0	0.00	
4.19	2.38	YES						
L0031032		0	0.97887E-03	443967.7	3769854.9	270.0	0.00	
4.19	2.38	YES						
L0031033		0	0.97887E-03	443960.0	3769859.6	270.0	0.00	
4.19	2.38	YES						
L0031034		0	0.97887E-03	443952.3	3769864.3	270.0	0.00	
4.19	2.38	YES						
L0031035		0	0.97887E-03	443944.6	3769868.9	270.0	0.00	
4.19	2.38	YES						
L0031036		0	0.97887E-03	443936.9	3769873.6	270.0	0.00	
4.19	2.38	YES						
L0031037		0	0.97887E-03	443929.2	3769878.3	270.0	0.00	
4.19	2.38	YES						
L0031038		0	0.97887E-03	443921.5	3769882.9	270.0	0.00	
4.19	2.38	YES						
L0031039		0	0.97887E-03	443913.8	3769887.6	270.0	0.00	
4.19	2.38	YES						
L0031040		0	0.97887E-03	443908.9	3769895.1	270.0	0.00	
4.19	2.38	YES						
L0031041		0	0.97887E-03	443904.2	3769902.7	270.0	0.00	
4.19	2.38	YES						
L0031042		0	0.97887E-03	443899.4	3769910.4	270.0	0.00	
4.19	2.38	YES						
L0031043		0	0.97887E-03	443895.8	3769918.6	270.0	0.00	
4.19	2.38	YES						
L0031044		0	0.97887E-03	443892.7	3769927.0	270.0	0.00	
4.19	2.38	YES						
L0031045		0	0.97887E-03	443889.6	3769935.5	270.0	0.00	
4.19	2.38	YES						
L0031046		0	0.97887E-03	443886.5	3769943.9	270.0	0.00	
4.19	2.38	YES						
L0031047		0	0.97887E-03	443883.4	3769952.4	270.0	0.00	
4.19	2.38	YES						
L0031048		0	0.97887E-03	443880.3	3769960.8	270.0	0.00	
4.19	2.38	YES						
L0031049		0	0.97887E-03	443877.2	3769969.2	270.0	0.00	
4.19	2.38	YES						
L0031050		0	0.97887E-03	443874.0	3769977.7	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0031051	0	0.97887E-03	443870.9	3769986.1	270.0	0.00	4.19	2.38	YES
L0031052	0	0.97887E-03	443867.7	3769994.5	270.0	0.00	4.19	2.38	YES
L0031053	0	0.97887E-03	443864.6	3770003.0	270.0	0.00	4.19	2.38	YES
L0031054	0	0.97887E-03	443860.2	3770010.8	270.0	0.00	4.19	2.38	YES
L0031055	0	0.97887E-03	443855.8	3770018.7	270.0	0.00	4.19	2.38	YES
L0031056	0	0.97887E-03	443851.5	3770026.6	270.0	0.00	4.19	2.38	YES
L0031057	0	0.97887E-03	443845.3	3770033.0	270.0	0.00	4.19	2.38	YES
L0031058	0	0.97887E-03	443838.7	3770039.2	270.0	0.00	4.19	2.38	YES
L0031059	0	0.97887E-03	443831.8	3770044.8	270.0	0.00	4.19	2.38	YES
L0031060	0	0.97887E-03	443823.4	3770047.9	270.0	0.00	4.19	2.38	YES
L0031061	0	0.97887E-03	443814.9	3770050.9	270.0	0.00	4.19	2.38	YES
L0031062	0	0.97887E-03	443806.4	3770054.0	270.0	0.00	4.19	2.38	YES
L0031063	0	0.97887E-03	443797.8	3770056.6	270.0	0.00	4.19	2.38	YES
L0031064	0	0.97887E-03	443789.1	3770058.7	270.0	0.00	4.19	2.38	YES
L0031065	0	0.97887E-03	443780.3	3770060.8	270.0	0.00	4.19	2.38	YES
L0031066	0	0.97887E-03	443771.6	3770063.0	270.0	0.00	4.19	2.38	YES

L0031067		0	0.97887E-03	443762.7	3770064.6	270.0	0.00		
4.19	2.38	YES							
L0031068		0	0.97887E-03	443753.8	3770065.6	270.0	0.00		
4.19	2.38	YES							
L0031069		0	0.97887E-03	443744.9	3770066.7	270.0	0.00		
4.19	2.38	YES							
L0031070		0	0.97887E-03	443735.9	3770067.7	270.0	0.00		
4.19	2.38	YES							

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0030531 , L0030532 , L0030533 , L0030534 , L0030535 , L0030536 , L0030537 , L0030538 ,
	L0030539 , L0030540 , L0030541 , L0030542 , L0030543 , L0030544 , L0030545 , L0030546 ,
	L0030547 , L0030548 , L0030549 , L0030550 , L0030551 , L0030552 , L0030553 , L0030554 ,
	L0030555 , L0030556 , L0030557 , L0030558 , L0030559 , L0030560 , L0030561 , L0030562 ,
	L0030563 , L0030564 , L0030565 , L0030566 , L0030567 , L0030568 , L0030569 , L0030570 ,
	L0030571 , L0030572 , L0030573 , L0030574 , L0030575 , L0030576 , L0030577 , L0030578 ,
	L0030579 , L0030580 , L0030581 , L0030582 , L0030583 , L0030584 , L0030585 , L0030586 ,
	L0030587 , L0030588 , L0030589 , L0030590 , L0030591 , L0030592 , L0030593 , L0030594 ,
	L0030595 , L0030596 , L0030597 , L0030598 , L0030599 , L0030600 , L0030601 , L0030602 ,
	L0030603 , L0030604 , L0030605 , L0030606 , L0030607 , L0030608 , L0030609 , L0030610 ,
	L0030611 , L0030612 , L0030613 , L0030614 , L0030615 , L0030616 , L0030617 , L0030618 ,
	L0030619 , L0030620 , L0030621 , L0030622 , L0030623 , L0030624 , L0030625 , L0030626 ,
	L0030627 , L0030628 , L0030629 , L0030630 , L0030631 , L0030632 , L0030633 , L0030634 ,

L0030635 , L0030636 , L0030637 , L0030638 ,
L0030639 , L0030640 , L0030641 , L0030642 ,

L0030643 , L0030644 , L0030645 , L0030646 ,
L0030647 , L0030648 , L0030649 , L0030650 ,

L0030651 , L0030652 , L0030653 , L0030654 ,
L0030655 , L0030656 , L0030657 , L0030658 ,

L0030659 , L0030660 , L0030661 , L0030662 ,
L0030663 , L0030664 , L0030665 , L0030666 ,

L0030667 , L0030668 , L0030669 , L0030670 ,
L0030671 , L0030672 , L0030673 , L0030674 ,

L0030675 , L0030676 , L0030677 , L0030678 ,
L0030679 , L0030680 , L0030681 , L0030682 ,

L0030683 , L0030684 , L0030685 , L0030686 ,
L0030687 , L0030688 , L0030689 , L0030690 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0030691 , L0030692 , L0030693 , L0030694 , L0030695 , L0030696 , L0030697 , L0030698 ,
	L0030699 , L0030700 , L0030701 , L0030702 , L0030703 , L0030704 , L0030705 , L0030706 ,
	L0030707 , L0030708 , L0030709 , L0030710 , L0030711 , L0030712 , L0030713 , L0030714 ,
	L0030715 , L0030716 , L0030717 , L0030718 , L0030719 , L0030720 , L0030721 , L0030722 ,
	L0030723 , L0030724 , L0030725 , L0030726 , L0030727 , L0030728 , L0030729 , L0030730 ,
	L0030731 , L0030732 , L0030733 , L0030734 , L0030735 , L0030736 , L0030737 , L0030738 ,
	L0030739 , L0030740 , L0030741 , L0030742 , L0030743 , L0030744 , L0030745 , L0030746 ,
	L0030747 , L0030748 , L0030749 , L0030750 , L0030751 , L0030752 , L0030753 , L0030754 ,
	L0030755 , L0030756 , L0030757 , L0030758 , L0030759 , L0030760 , L0030761 , L0030762 ,
	L0030763 , L0030764 , L0030765 , L0030766 , L0030767 , L0030768 , L0030769 , L0030770 ,
	L0030771 , L0030772 , L0030773 , L0030774 , L0030775 , L0030776 , L0030777 , L0030778 ,
	L0030779 , L0030780 , L0030781 , L0030782 , L0030783 , L0030784 , L0030785 , L0030786 ,
	L0030787 , L0030788 , L0030789 , L0030790 , L0030791 , L0030792 , L0030793 , L0030794 ,

L0030795 , L0030796 , L0030797 , L0030798 ,
L0030799 , L0030800 , L0030801 , L0030802 ,

L0030803 , L0030804 , L0030805 , L0030806 ,
L0030807 , L0030808 , L0030809 , L0030810 ,

L0030811 , L0030812 , L0030813 , L0030814 ,
L0030815 , L0030816 , L0030817 , L0030818 ,

L0030819 , L0030820 , L0030821 , L0030822 ,
L0030823 , L0030824 , L0030825 , L0030826 ,

L0030827 , L0030828 , L0030829 , L0030830 ,
L0030831 , L0030832 , L0030833 , L0030834 ,

L0030835 , L0030836 , L0030837 , L0030838 ,
L0030839 , L0030840 , L0030841 , L0030842 ,

L0030843 , L0030844 , L0030845 , L0030846 ,
L0030847 , L0030848 , L0030849 , L0030850 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0030851 , L0030852 , L0030853 , L0030854 , L0030855 , L0030856 , L0030857 , L0030858 ,
	L0030859 , L0030860 , L0030861 , L0030862 , L0030863 , L0030864 , L0030865 , L0030866 ,
	L0030867 , L0030868 , L0030869 , L0030870 , L0030871 , L0030872 , L0030873 , L0030874 ,
	L0030875 , L0030876 , L0030877 , L0030878 , L0030879 , L0030880 , L0030881 , L0030882 ,
	L0030883 , L0030884 , L0030885 , L0030886 , L0030887 , L0030888 , L0030889 , L0030890 ,
	L0030891 , L0030892 , L0030893 , L0030894 , L0030895 , L0030896 , L0030897 , L0030898 ,
	L0030899 , L0030900 , L0030901 , L0030902 , L0030903 , L0030904 , L0030905 , L0030906 ,
	L0030907 , L0030908 , L0030909 , L0030910 , L0030911 , L0030912 , L0030913 , L0030914 ,
	L0030915 , L0030916 , L0030917 , L0030918 , L0030919 , L0030920 , L0030921 , L0030922 ,
	L0030923 , L0030924 , L0030925 , L0030926 , L0030927 , L0030928 , L0030929 , L0030930 ,
	L0030931 , L0030932 , L0030933 , L0030934 , L0030935 , L0030936 , L0030937 , L0030938 ,
	L0030939 , L0030940 , L0030941 , L0030942 , L0030943 , L0030944 , L0030945 , L0030946 ,
	L0030947 , L0030948 , L0030949 , L0030950 , L0030951 , L0030952 , L0030953 , L0030954 ,

L0030955 , L0030956 , L0030957 , L0030958 ,
L0030959 , L0030960 , L0030961 , L0030962 ,

L0030963 , L0030964 , L0030965 , L0030966 ,
L0030967 , L0030968 , L0030969 , L0030970 ,

L0030971 , L0030972 , L0030973 , L0030974 ,
L0030975 , L0030976 , L0030977 , L0030978 ,

L0030979 , L0030980 , L0030981 , L0030982 ,
L0030983 , L0030984 , L0030985 , L0030986 ,

L0030987 , L0030988 , L0030989 , L0030990 ,
L0030991 , L0030992 , L0030993 , L0030994 ,

L0030995 , L0030996 , L0030997 , L0030998 ,
L0030999 , L0031000 , L0031001 , L0031002 ,

L0031003 , L0031004 , L0031005 , L0031006 ,
L0031007 , L0031008 , L0031009 , L0031010 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0031011 , L0031012 , L0031013 , L0031014 , L0031015 , L0031016 , L0031017 , L0031018 ,
	L0031019 , L0031020 , L0031021 , L0031022 , L0031023 , L0031024 , L0031025 , L0031026 ,
	L0031027 , L0031028 , L0031029 , L0031030 , L0031031 , L0031032 , L0031033 , L0031034 ,
	L0031035 , L0031036 , L0031037 , L0031038 , L0031039 , L0031040 , L0031041 , L0031042 ,
	L0031043 , L0031044 , L0031045 , L0031046 , L0031047 , L0031048 , L0031049 , L0031050 ,
	L0031051 , L0031052 , L0031053 , L0031054 , L0031055 , L0031056 , L0031057 , L0031058 ,
	L0031059 , L0031060 , L0031061 , L0031062 , L0031063 , L0031064 , L0031065 , L0031066 ,
	L0031067 , L0031068 , L0031069 , L0031070 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2015355.	L0030531 , L0030532 , L0030533 , L0030534 , L0030535 , L0030536 , L0030537 , L0030538 ,
		L0030539 , L0030540 , L0030541 , L0030542 , L0030543 , L0030544 , L0030545 , L0030546 ,
		L0030547 , L0030548 , L0030549 , L0030550 , L0030551 , L0030552 , L0030553 , L0030554 ,
		L0030555 , L0030556 , L0030557 , L0030558 , L0030559 , L0030560 , L0030561 , L0030562 ,
		L0030563 , L0030564 , L0030565 , L0030566 , L0030567 , L0030568 , L0030569 , L0030570 ,
		L0030571 , L0030572 , L0030573 , L0030574 , L0030575 , L0030576 , L0030577 , L0030578 ,
		L0030579 , L0030580 , L0030581 , L0030582 , L0030583 , L0030584 , L0030585 , L0030586 ,
		L0030587 , L0030588 , L0030589 , L0030590 , L0030591 , L0030592 , L0030593 , L0030594 ,
		L0030595 , L0030596 , L0030597 , L0030598 , L0030599 , L0030600 , L0030601 , L0030602 ,
		L0030603 , L0030604 , L0030605 , L0030606 , L0030607 , L0030608 , L0030609 , L0030610 ,
		L0030611 , L0030612 , L0030613 , L0030614 , L0030615 , L0030616 , L0030617 , L0030618 ,
		L0030619 , L0030620 , L0030621 , L0030622 , L0030623 , L0030624 , L0030625 , L0030626 ,

L0030627 , L0030628 , L0030629 , L0030630 ,
L0030631 , L0030632 , L0030633 , L0030634 ,

L0030635 , L0030636 , L0030637 , L0030638 ,
L0030639 , L0030640 , L0030641 , L0030642 ,

L0030643 , L0030644 , L0030645 , L0030646 ,
L0030647 , L0030648 , L0030649 , L0030650 ,

L0030651 , L0030652 , L0030653 , L0030654 ,
L0030655 , L0030656 , L0030657 , L0030658 ,

L0030659 , L0030660 , L0030661 , L0030662 ,
L0030663 , L0030664 , L0030665 , L0030666 ,

L0030667 , L0030668 , L0030669 , L0030670 ,
L0030671 , L0030672 , L0030673 , L0030674 ,

L0030675 , L0030676 , L0030677 , L0030678 ,
L0030679 , L0030680 , L0030681 , L0030682 ,

L0030683 , L0030684 , L0030685 , L0030686 ,
L0030687 , L0030688 , L0030689 , L0030690 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0030691 , L0030692 , L0030693 , L0030694 , L0030695 , L0030696 , L0030697 , L0030698 ,

L0030699 , L0030700 , L0030701 , L0030702 , L0030703 , L0030704 , L0030705 , L0030706 ,

L0030707 , L0030708 , L0030709 , L0030710 , L0030711 , L0030712 , L0030713 , L0030714 ,

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L0030723 , L0030724 , L0030725 , L0030726 , L0030727 , L0030728 , L0030729 , L0030730 ,

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L0030771 , L0030772 , L0030773 , L0030774 , L0030775 , L0030776 , L0030777 , L0030778 ,

L0030779 , L0030780 , L0030781 , L0030782 , L0030783 , L0030784 , L0030785 , L0030786 ,

L0030787 , L0030788 , L0030789 , L0030790 , L0030791 , L0030792 , L0030793 , L0030794 ,

L0030795 , L0030796 , L0030797 , L0030798 ,
L0030799 , L0030800 , L0030801 , L0030802 ,

L0030803 , L0030804 , L0030805 , L0030806 ,
L0030807 , L0030808 , L0030809 , L0030810 ,

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L0030815 , L0030816 , L0030817 , L0030818 ,

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L0030823 , L0030824 , L0030825 , L0030826 ,

L0030827 , L0030828 , L0030829 , L0030830 ,
L0030831 , L0030832 , L0030833 , L0030834 ,

L0030835 , L0030836 , L0030837 , L0030838 ,
L0030839 , L0030840 , L0030841 , L0030842 ,

L0030843 , L0030844 , L0030845 , L0030846 ,
L0030847 , L0030848 , L0030849 , L0030850 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0030851 , L0030852 , L0030853 , L0030854 , L0030855 , L0030856 , L0030857 , L0030858 ,

L0030859 , L0030860 , L0030861 , L0030862 , L0030863 , L0030864 , L0030865 , L0030866 ,

L0030867 , L0030868 , L0030869 , L0030870 , L0030871 , L0030872 , L0030873 , L0030874 ,

L0030875 , L0030876 , L0030877 , L0030878 , L0030879 , L0030880 , L0030881 , L0030882 ,

L0030883 , L0030884 , L0030885 , L0030886 , L0030887 , L0030888 , L0030889 , L0030890 ,

L0030891 , L0030892 , L0030893 , L0030894 , L0030895 , L0030896 , L0030897 , L0030898 ,

L0030899 , L0030900 , L0030901 , L0030902 , L0030903 , L0030904 , L0030905 , L0030906 ,

L0030907 , L0030908 , L0030909 , L0030910 , L0030911 , L0030912 , L0030913 , L0030914 ,

L0030915 , L0030916 , L0030917 , L0030918 , L0030919 , L0030920 , L0030921 , L0030922 ,

L0030923 , L0030924 , L0030925 , L0030926 , L0030927 , L0030928 , L0030929 , L0030930 ,

L0030931 , L0030932 , L0030933 , L0030934 , L0030935 , L0030936 , L0030937 , L0030938 ,

L0030939 , L0030940 , L0030941 , L0030942 , L0030943 , L0030944 , L0030945 , L0030946 ,

L0030947 , L0030948 , L0030949 , L0030950 , L0030951 , L0030952 , L0030953 , L0030954 ,

L0030955 , L0030956 , L0030957 , L0030958 ,
L0030959 , L0030960 , L0030961 , L0030962 ,

L0030963 , L0030964 , L0030965 , L0030966 ,
L0030967 , L0030968 , L0030969 , L0030970 ,

L0030971 , L0030972 , L0030973 , L0030974 ,
L0030975 , L0030976 , L0030977 , L0030978 ,

L0030979 , L0030980 , L0030981 , L0030982 ,
L0030983 , L0030984 , L0030985 , L0030986 ,

L0030987 , L0030988 , L0030989 , L0030990 ,
L0030991 , L0030992 , L0030993 , L0030994 ,

L0030995 , L0030996 , L0030997 , L0030998 ,
L0030999 , L0031000 , L0031001 , L0031002 ,

L0031003 , L0031004 , L0031005 , L0031006 ,
L0031007 , L0031008 , L0031009 , L0031010 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0031011 , L0031012 , L0031013 , L0031014 , L0031015 , L0031016 , L0031017 , L0031018 ,

L0031019 , L0031020 , L0031021 , L0031022 , L0031023 , L0031024 , L0031025 , L0031026 ,

L0031027 , L0031028 , L0031029 , L0031030 , L0031031 , L0031032 , L0031033 , L0031034 ,

L0031035 , L0031036 , L0031037 , L0031038 , L0031039 , L0031040 , L0031041 , L0031042 ,

L0031043 , L0031044 , L0031045 , L0031046 , L0031047 , L0031048 , L0031049 , L0031050 ,

L0031051 , L0031052 , L0031053 , L0031054 , L0031055 , L0031056 , L0031057 , L0031058 ,

L0031059 , L0031060 , L0031061 , L0031062 , L0031063 , L0031064 , L0031065 , L0031066 ,

L0031067 , L0031068 , L0031069 , L0031070 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** IN-STACK NO2 RATIOS FOR OLM/PVMRM OPTIONS ***

SOURCE_ID	NO2_RATIO	SOURCE_ID	NO2_RATIO	SOURCE_ID	NO2_RATIO	SOURCE_ID	NO2_RATIO
L0030531	0.100	L0030532	0.100	L0030533	0.100	L0030534	0.100
L0030535	0.100	L0030536	0.100	L0030537	0.100	L0030538	0.100
L0030539	0.100	L0030540	0.100	L0030541	0.100	L0030542	0.100
L0030543	0.100	L0030544	0.100	L0030545	0.100	L0030546	0.100
L0030547	0.100	L0030548	0.100	L0030549	0.100	L0030550	0.100
L0030551	0.100	L0030552	0.100	L0030553	0.100	L0030554	0.100
L0030555	0.100	L0030556	0.100	L0030557	0.100	L0030558	0.100
L0030559	0.100	L0030560	0.100	L0030561	0.100	L0030562	0.100
L0030563	0.100	L0030564	0.100	L0030565	0.100	L0030566	0.100
L0030567	0.100	L0030568	0.100	L0030569	0.100	L0030570	0.100
L0030571	0.100	L0030572	0.100	L0030573	0.100	L0030574	0.100
L0030575	0.100	L0030576	0.100	L0030577	0.100	L0030578	0.100
L0030579	0.100	L0030580	0.100	L0030581	0.100	L0030582	0.100
L0030583	0.100	L0030584	0.100	L0030585	0.100	L0030586	0.100
L0030587	0.100	L0030588	0.100	L0030589	0.100	L0030590	0.100
L0030591	0.100	L0030592	0.100	L0030593	0.100	L0030594	0.100
L0030595	0.100	L0030596	0.100	L0030597	0.100	L0030598	0.100
L0030599	0.100	L0030600	0.100	L0030601	0.100	L0030602	0.100
L0030603	0.100	L0030604	0.100	L0030605	0.100	L0030606	0.100

L0030607	0.100	L0030608	0.100	L0030609
0.100	L0030610	0.100		
L0030611	0.100	L0030612	0.100	L0030613
0.100	L0030614	0.100		
L0030615	0.100	L0030616	0.100	L0030617
0.100	L0030618	0.100		
L0030619	0.100	L0030620	0.100	L0030621
0.100	L0030622	0.100		
L0030623	0.100	L0030624	0.100	L0030625
0.100	L0030626	0.100		
L0030627	0.100	L0030628	0.100	L0030629
0.100	L0030630	0.100		
L0030631	0.100	L0030632	0.100	L0030633
0.100	L0030634	0.100		
L0030635	0.100	L0030636	0.100	L0030637
0.100	L0030638	0.100		
L0030639	0.100	L0030640	0.100	L0030641
0.100	L0030642	0.100		
L0030643	0.100	L0030644	0.100	L0030645
0.100	L0030646	0.100		
L0030647	0.100	L0030648	0.100	L0030649
0.100	L0030650	0.100		
L0030651	0.100	L0030652	0.100	L0030653
0.100	L0030654	0.100		
L0030655	0.100	L0030656	0.100	L0030657
0.100	L0030658	0.100		
L0030659	0.100	L0030660	0.100	L0030661
0.100	L0030662	0.100		
L0030663	0.100	L0030664	0.100	L0030665
0.100	L0030666	0.100		
L0030667	0.100	L0030668	0.100	L0030669
0.100	L0030670	0.100		
L0030671	0.100	L0030672	0.100	L0030673
0.100	L0030674	0.100		
L0030675	0.100	L0030676	0.100	L0030677
0.100	L0030678	0.100		
L0030679	0.100	L0030680	0.100	L0030681
0.100	L0030682	0.100		
L0030683	0.100	L0030684	0.100	L0030685
0.100	L0030686	0.100		
L0030687	0.100	L0030688	0.100	L0030689
0.100	L0030690	0.100		

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** IN-STACK NO2 RATIOS FOR OLM/PVMRM OPTIONS ***

SOURCE_ID	NO2_RATIO	SOURCE_ID	NO2_RATIO	SOURCE_ID	NO2_RATIO	SOURCE_ID	NO2_RATIO
L0030691	0.100	L0030692	0.100	L0030693	0.100	L0030694	0.100
L0030695	0.100	L0030696	0.100	L0030697	0.100	L0030698	0.100
L0030699	0.100	L0030700	0.100	L0030701	0.100	L0030702	0.100
L0030703	0.100	L0030704	0.100	L0030705	0.100	L0030706	0.100
L0030707	0.100	L0030708	0.100	L0030709	0.100	L0030710	0.100
L0030711	0.100	L0030712	0.100	L0030713	0.100	L0030714	0.100
L0030715	0.100	L0030716	0.100	L0030717	0.100	L0030718	0.100
L0030719	0.100	L0030720	0.100	L0030721	0.100	L0030722	0.100
L0030723	0.100	L0030724	0.100	L0030725	0.100	L0030726	0.100
L0030727	0.100	L0030728	0.100	L0030729	0.100	L0030730	0.100
L0030731	0.100	L0030732	0.100	L0030733	0.100	L0030734	0.100
L0030735	0.100	L0030736	0.100	L0030737	0.100	L0030738	0.100
L0030739	0.100	L0030740	0.100	L0030741	0.100	L0030742	0.100
L0030743	0.100	L0030744	0.100	L0030745	0.100	L0030746	0.100
L0030747	0.100	L0030748	0.100	L0030749	0.100	L0030750	0.100
L0030751	0.100	L0030752	0.100	L0030753	0.100	L0030754	0.100
L0030755	0.100	L0030756	0.100	L0030757	0.100	L0030758	0.100
L0030759	0.100	L0030760	0.100	L0030761	0.100	L0030762	0.100
L0030763	0.100	L0030764	0.100	L0030765	0.100	L0030766	0.100

L0030767	0.100	L0030768	0.100	L0030769
0.100	L0030770	0.100		
L0030771	0.100	L0030772	0.100	L0030773
0.100	L0030774	0.100		
L0030775	0.100	L0030776	0.100	L0030777
0.100	L0030778	0.100		
L0030779	0.100	L0030780	0.100	L0030781
0.100	L0030782	0.100		
L0030783	0.100	L0030784	0.100	L0030785
0.100	L0030786	0.100		
L0030787	0.100	L0030788	0.100	L0030789
0.100	L0030790	0.100		
L0030791	0.100	L0030792	0.100	L0030793
0.100	L0030794	0.100		
L0030795	0.100	L0030796	0.100	L0030797
0.100	L0030798	0.100		
L0030799	0.100	L0030800	0.100	L0030801
0.100	L0030802	0.100		
L0030803	0.100	L0030804	0.100	L0030805
0.100	L0030806	0.100		
L0030807	0.100	L0030808	0.100	L0030809
0.100	L0030810	0.100		
L0030811	0.100	L0030812	0.100	L0030813
0.100	L0030814	0.100		
L0030815	0.100	L0030816	0.100	L0030817
0.100	L0030818	0.100		
L0030819	0.100	L0030820	0.100	L0030821
0.100	L0030822	0.100		
L0030823	0.100	L0030824	0.100	L0030825
0.100	L0030826	0.100		
L0030827	0.100	L0030828	0.100	L0030829
0.100	L0030830	0.100		
L0030831	0.100	L0030832	0.100	L0030833
0.100	L0030834	0.100		
L0030835	0.100	L0030836	0.100	L0030837
0.100	L0030838	0.100		
L0030839	0.100	L0030840	0.100	L0030841
0.100	L0030842	0.100		
L0030843	0.100	L0030844	0.100	L0030845
0.100	L0030846	0.100		
L0030847	0.100	L0030848	0.100	L0030849
0.100	L0030850	0.100		

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** IN-STACK NO2 RATIOS FOR OLM/PVMRM OPTIONS ***

SOURCE_ID	NO2_RATIO	SOURCE_ID	NO2_RATIO	SOURCE_ID	NO2_RATIO	SOURCE_ID	NO2_RATIO
L0030851	0.100	L0030852	0.100	L0030853	0.100	L0030854	0.100
L0030855	0.100	L0030856	0.100	L0030857	0.100	L0030858	0.100
L0030859	0.100	L0030860	0.100	L0030861	0.100	L0030862	0.100
L0030863	0.100	L0030864	0.100	L0030865	0.100	L0030866	0.100
L0030867	0.100	L0030868	0.100	L0030869	0.100	L0030870	0.100
L0030871	0.100	L0030872	0.100	L0030873	0.100	L0030874	0.100
L0030875	0.100	L0030876	0.100	L0030877	0.100	L0030878	0.100
L0030879	0.100	L0030880	0.100	L0030881	0.100	L0030882	0.100
L0030883	0.100	L0030884	0.100	L0030885	0.100	L0030886	0.100
L0030887	0.100	L0030888	0.100	L0030889	0.100	L0030890	0.100
L0030891	0.100	L0030892	0.100	L0030893	0.100	L0030894	0.100
L0030895	0.100	L0030896	0.100	L0030897	0.100	L0030898	0.100
L0030899	0.100	L0030900	0.100	L0030901	0.100	L0030902	0.100
L0030903	0.100	L0030904	0.100	L0030905	0.100	L0030906	0.100
L0030907	0.100	L0030908	0.100	L0030909	0.100	L0030910	0.100
L0030911	0.100	L0030912	0.100	L0030913	0.100	L0030914	0.100
L0030915	0.100	L0030916	0.100	L0030917	0.100	L0030918	0.100
L0030919	0.100	L0030920	0.100	L0030921	0.100	L0030922	0.100
L0030923	0.100	L0030924	0.100	L0030925	0.100	L0030926	0.100

L0030927	0.100	L0030928	0.100	L0030929
0.100	L0030930	0.100		
L0030931	0.100	L0030932	0.100	L0030933
0.100	L0030934	0.100		
L0030935	0.100	L0030936	0.100	L0030937
0.100	L0030938	0.100		
L0030939	0.100	L0030940	0.100	L0030941
0.100	L0030942	0.100		
L0030943	0.100	L0030944	0.100	L0030945
0.100	L0030946	0.100		
L0030947	0.100	L0030948	0.100	L0030949
0.100	L0030950	0.100		
L0030951	0.100	L0030952	0.100	L0030953
0.100	L0030954	0.100		
L0030955	0.100	L0030956	0.100	L0030957
0.100	L0030958	0.100		
L0030959	0.100	L0030960	0.100	L0030961
0.100	L0030962	0.100		
L0030963	0.100	L0030964	0.100	L0030965
0.100	L0030966	0.100		
L0030967	0.100	L0030968	0.100	L0030969
0.100	L0030970	0.100		
L0030971	0.100	L0030972	0.100	L0030973
0.100	L0030974	0.100		
L0030975	0.100	L0030976	0.100	L0030977
0.100	L0030978	0.100		
L0030979	0.100	L0030980	0.100	L0030981
0.100	L0030982	0.100		
L0030983	0.100	L0030984	0.100	L0030985
0.100	L0030986	0.100		
L0030987	0.100	L0030988	0.100	L0030989
0.100	L0030990	0.100		
L0030991	0.100	L0030992	0.100	L0030993
0.100	L0030994	0.100		
L0030995	0.100	L0030996	0.100	L0030997
0.100	L0030998	0.100		
L0030999	0.100	L0031000	0.100	L0031001
0.100	L0031002	0.100		
L0031003	0.100	L0031004	0.100	L0031005
0.100	L0031006	0.100		
L0031007	0.100	L0031008	0.100	L0031009
0.100	L0031010	0.100		

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** IN-STACK NO2 RATIOS FOR OLM/PVMRM OPTIONS ***

SOURCE_ID	NO2_RATIO	SOURCE_ID	NO2_RATIO	SOURCE_ID	NO2_RATIO	SOURCE_ID	NO2_RATIO
L0031011	0.100	L0031012	0.100	L0031013	0.100	L0031014	0.100
L0031015	0.100	L0031016	0.100	L0031017	0.100	L0031018	0.100
L0031019	0.100	L0031020	0.100	L0031021	0.100	L0031022	0.100
L0031023	0.100	L0031024	0.100	L0031025	0.100	L0031026	0.100
L0031027	0.100	L0031028	0.100	L0031029	0.100	L0031030	0.100
L0031031	0.100	L0031032	0.100	L0031033	0.100	L0031034	0.100
L0031035	0.100	L0031036	0.100	L0031037	0.100	L0031038	0.100
L0031039	0.100	L0031040	0.100	L0031041	0.100	L0031042	0.100
L0031043	0.100	L0031044	0.100	L0031045	0.100	L0031046	0.100
L0031047	0.100	L0031048	0.100	L0031049	0.100	L0031050	0.100
L0031051	0.100	L0031052	0.100	L0031053	0.100	L0031054	0.100
L0031055	0.100	L0031056	0.100	L0031057	0.100	L0031058	0.100
L0031059	0.100	L0031060	0.100	L0031061	0.100	L0031062	0.100
L0031063	0.100	L0031064	0.100	L0031065	0.100	L0031066	0.100
L0031067	0.100	L0031068	0.100	L0031069	0.100	L0031070	0.100

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

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

(444782.0, 3769929.4, 270.0, 270.0, 0.0); (444818.4, 3769929.4, 270.0, 270.0, 0.0);
(444854.8, 3769929.4, 270.0, 270.0, 0.0); (444891.1, 3769929.4, 270.0, 270.0, 0.0);
(444927.5, 3769929.4, 270.0, 270.0, 0.0); (444963.9, 3769929.4, 270.0, 270.0, 0.0);
(445000.3, 3769929.4, 270.0, 270.0, 0.0); (445036.7, 3769929.4, 270.0, 270.0, 0.0);
(445073.1, 3769929.4, 270.0, 270.0, 0.0); (445109.5, 3769929.4, 270.0, 270.0, 0.0);
(445145.9, 3769929.4, 270.0, 270.0, 0.0); (445182.3, 3769929.4, 270.0, 270.0, 0.0);
(444782.0, 3769941.0, 270.0, 270.0, 0.0); (444818.4, 3769941.0, 270.0, 270.0, 0.0);
(444854.8, 3769941.0, 270.0, 270.0, 0.0); (444891.1, 3769941.0, 270.0, 270.0, 0.0);
(444927.5, 3769941.0, 270.0, 270.0, 0.0); (444963.9, 3769941.0, 270.0, 270.0, 0.0);
(445000.3, 3769941.0, 270.0, 270.0, 0.0); (445036.7, 3769941.0, 270.0, 270.0, 0.0);
(445073.1, 3769941.0, 270.0, 270.0, 0.0); (445109.5, 3769941.0, 270.0, 270.0, 0.0);
(445145.9, 3769941.0, 270.0, 270.0, 0.0); (445182.3, 3769941.0, 270.0, 270.0, 0.0);
(444782.0, 3769952.5, 270.0, 270.0, 0.0); (444818.4, 3769952.5, 270.0, 270.0, 0.0);
(444854.8, 3769952.5, 270.0, 270.0, 0.0); (444891.1, 3769952.5, 270.0, 270.0, 0.0);
(444927.5, 3769952.5, 270.0, 270.0, 0.0); (444963.9, 3769952.5, 270.0, 270.0, 0.0);
(445000.3, 3769952.5, 270.0, 270.0, 0.0); (445036.7, 3769952.5, 270.0, 270.0, 0.0);
(445073.1, 3769952.5, 270.0, 270.0, 0.0); (445109.5, 3769952.5, 270.0, 270.0, 0.0);
(445145.9, 3769952.5, 270.0, 270.0, 0.0); (445182.3, 3769952.5, 270.0, 270.0, 0.0);
(444782.0, 3769964.1, 270.0, 270.0, 0.0); (444818.4, 3769964.1, 270.0, 270.0, 0.0);
(444854.8, 3769964.1, 270.0, 270.0, 0.0); (444891.1, 3769964.1, 270.0, 270.0, 0.0);

```
     ( 444927.5, 3769964.1,     270.0,     270.0,       0.0);         (
444963.9, 3769964.1,     270.0,     270.0,       0.0);
     ( 445000.3, 3769964.1,     270.0,     270.0,       0.0);         (
445036.7, 3769964.1,     270.0,     270.0,       0.0);
     ( 445073.1, 3769964.1,     270.0,     270.0,       0.0);         (
445109.5, 3769964.1,     270.0,     270.0,       0.0);
     ( 445145.9, 3769964.1,     270.0,     270.0,       0.0);         (
445182.3, 3769964.1,     270.0,     270.0,       0.0);
     ( 445218.7, 3769964.1,     270.0,     270.0,       0.0);         (
444782.0, 3769975.7,     270.0,     270.0,       0.0);
     ( 444818.4, 3769975.7,     270.0,     270.0,       0.0);         (
444854.8, 3769975.7,     270.0,     270.0,       0.0);
     ( 444891.1, 3769975.7,     270.0,     270.0,       0.0);         (
444927.5, 3769975.7,     270.0,     270.0,       0.0);
     ( 444963.9, 3769975.7,     270.0,     270.0,       0.0);         (
445000.3, 3769975.7,     270.0,     270.0,       0.0);
     ( 445036.7, 3769975.7,     270.0,     270.0,       0.0);         (
445073.1, 3769975.7,     270.0,     270.0,       0.0);
     ( 445109.5, 3769975.7,     270.0,     270.0,       0.0);         (
445145.9, 3769975.7,     270.0,     270.0,       0.0);
     ( 445182.3, 3769975.7,     270.0,     270.0,       0.0);         (
445218.7, 3769975.7,     270.0,     270.0,       0.0);
     ( 444782.0, 3769987.2,     270.0,     270.0,       0.0);         (
444818.4, 3769987.2,     270.0,     270.0,       0.0);
     ( 444854.8, 3769987.2,     270.0,     270.0,       0.0);         (
444891.1, 3769987.2,     270.0,     270.0,       0.0);
     ( 444927.5, 3769987.2,     270.0,     270.0,       0.0);         (
444963.9, 3769987.2,     270.0,     270.0,       0.0);
     ( 445000.3, 3769987.2,     270.0,     270.0,       0.0);         (
445036.7, 3769987.2,     270.0,     270.0,       0.0);
     ( 445073.1, 3769987.2,     270.0,     270.0,       0.0);         (
445109.5, 3769987.2,     270.0,     270.0,       0.0);
     ( 445145.9, 3769987.2,     270.0,     270.0,       0.0);         (
445182.3, 3769987.2,     270.0,     270.0,       0.0);
     ( 445218.7, 3769987.2,     270.0,     270.0,       0.0);         (
444782.0, 3769998.8,     270.0,     270.0,       0.0);
     ( 444818.4, 3769998.8,     270.0,     270.0,       0.0);         (
444854.8, 3769998.8,     270.0,     270.0,       0.0);
     ( 444891.1, 3769998.8,     270.0,     270.0,       0.0);         (
444927.5, 3769998.8,     270.0,     270.0,       0.0);
     ( 444963.9, 3769998.8,     270.0,     270.0,       0.0);         (
445000.3, 3769998.8,     270.0,     270.0,       0.0);
     ( 445036.7, 3769998.8,     270.0,     270.0,       0.0);         (
445073.1, 3769998.8,     270.0,     270.0,       0.0);
     ( 445109.5, 3769998.8,     270.0,     270.0,       0.0);         (
445145.9, 3769998.8,     270.0,     270.0,       0.0);
     ( 445182.3, 3769998.8,     270.0,     270.0,       0.0);         (
445218.7, 3769998.8,     270.0,     270.0,       0.0);
     ( 444782.0, 3770010.4,     270.0,     270.0,       0.0);         (
444818.4, 3770010.4,     270.0,     270.0,       0.0);
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**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

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

(444854.8, 3770010.4, 270.0, 270.0, 0.0); (444891.1, 3770010.4, 270.0, 270.0, 0.0);
(444927.5, 3770010.4, 270.0, 270.0, 0.0); (444963.9, 3770010.4, 270.0, 270.0, 0.0);
(445000.3, 3770010.4, 270.0, 270.0, 0.0); (445036.7, 3770010.4, 270.0, 270.0, 0.0);
(445073.1, 3770010.4, 270.0, 270.0, 0.0); (445109.5, 3770010.4, 270.0, 270.0, 0.0);
(445145.9, 3770010.4, 270.0, 270.0, 0.0); (445182.3, 3770010.4, 270.0, 270.0, 0.0);
(445218.7, 3770010.4, 270.0, 270.0, 0.0); (444782.0, 3770021.9, 270.0, 270.0, 0.0);
(444818.4, 3770021.9, 270.0, 270.0, 0.0); (444854.8, 3770021.9, 270.0, 270.0, 0.0);
(444891.1, 3770021.9, 270.0, 270.0, 0.0); (444927.5, 3770021.9, 270.0, 270.0, 0.0);
(444963.9, 3770021.9, 270.0, 270.0, 0.0); (445000.3, 3770021.9, 270.0, 270.0, 0.0);
(445036.7, 3770021.9, 270.0, 270.0, 0.0); (445073.1, 3770021.9, 270.0, 270.0, 0.0);
(445109.5, 3770021.9, 270.0, 270.0, 0.0); (445145.9, 3770021.9, 270.0, 270.0, 0.0);
(445182.3, 3770021.9, 270.0, 270.0, 0.0); (445218.7, 3770021.9, 270.0, 270.0, 0.0);
(444782.0, 3770033.5, 270.0, 270.0, 0.0); (444818.4, 3770033.5, 270.0, 270.0, 0.0);
(444854.8, 3770033.5, 270.0, 270.0, 0.0); (444891.1, 3770033.5, 270.0, 270.0, 0.0);
(444927.5, 3770033.5, 270.0, 270.0, 0.0); (444963.9, 3770033.5, 270.0, 270.0, 0.0);
(445000.3, 3770033.5, 270.0, 270.0, 0.0); (445036.7, 3770033.5, 270.0, 270.0, 0.0);
(445073.1, 3770033.5, 270.0, 270.0, 0.0); (445109.5, 3770033.5, 270.0, 270.0, 0.0);
(445145.9, 3770033.5, 270.0, 270.0, 0.0); (445182.3, 3770033.5, 270.0, 270.0, 0.0);
(445218.7, 3770033.5, 270.0, 270.0, 0.0); (445249.4, 3770033.5, 270.0, 270.0, 0.0);
(444782.0, 3770045.1, 270.0, 270.0, 0.0); (444818.4, 3770045.1, 270.0, 270.0, 0.0);

```
     ( 444854.8, 3770045.1,     270.0,     270.0,       0.0);         (
444891.1, 3770045.1,     270.0,     270.0,       0.0);
     ( 444927.5, 3770045.1,     270.0,     270.0,       0.0);         (
444963.9, 3770045.1,     270.0,     270.0,       0.0);
     ( 445000.3, 3770045.1,     270.0,     270.0,       0.0);         (
445036.7, 3770045.1,     270.0,     270.0,       0.0);
     ( 445073.1, 3770045.1,     270.0,     270.0,       0.0);         (
445109.5, 3770045.1,     270.0,     270.0,       0.0);
     ( 445145.9, 3770045.1,     270.0,     270.0,       0.0);         (
445182.3, 3770045.1,     270.0,     270.0,       0.0);
     ( 445218.7, 3770045.1,     270.0,     270.0,       0.0);         (
445255.0, 3770045.1,     270.0,     270.0,       0.0);
     ( 444818.4, 3770056.7,     270.0,     270.0,       0.0);         (
444854.8, 3770056.7,     270.0,     270.0,       0.0);
     ( 444891.1, 3770056.7,     270.0,     270.0,       0.0);         (
444927.5, 3770056.7,     270.0,     270.0,       0.0);
     ( 444963.9, 3770056.7,     270.0,     270.0,       0.0);         (
445000.3, 3770056.7,     270.0,     270.0,       0.0);
     ( 445036.7, 3770056.7,     270.0,     270.0,       0.0);         (
445073.1, 3770056.7,     270.0,     270.0,       0.0);
     ( 445109.5, 3770056.7,     270.0,     270.0,       0.0);         (
445145.9, 3770056.7,     270.0,     270.0,       0.0);
     ( 445182.3, 3770056.7,     270.0,     270.0,       0.0);         (
445218.7, 3770056.7,     270.0,     270.0,       0.0);
     ( 445255.0, 3770056.7,     270.0,     270.0,       0.0);         (
444818.4, 3770068.2,     270.0,     270.0,       0.0);
     ( 444854.8, 3770068.2,     270.0,     270.0,       0.0);         (
444891.1, 3770068.2,     270.0,     270.0,       0.0);
     ( 444927.5, 3770068.2,     270.0,     270.0,       0.0);         (
444963.9, 3770068.2,     270.0,     270.0,       0.0);
     ( 445000.3, 3770068.2,     270.0,     270.0,       0.0);         (
445036.7, 3770068.2,     270.0,     270.0,       0.0);
     ( 445073.1, 3770068.2,     270.0,     270.0,       0.0);         (
445109.5, 3770068.2,     270.0,     270.0,       0.0);
     ( 445145.9, 3770068.2,     270.0,     270.0,       0.0);         (
445182.3, 3770068.2,     270.0,     270.0,       0.0);
     ( 445218.7, 3770068.2,     270.0,     270.0,       0.0);         (
445255.0, 3770068.2,     270.0,     270.0,       0.0);
     ( 444818.4, 3770079.8,     270.0,     270.0,       0.0);         (
444854.8, 3770079.8,     270.0,     270.0,       0.0);
     ( 444891.1, 3770079.8,     270.0,     270.0,       0.0);         (
444927.5, 3770079.8,     270.0,     270.0,       0.0);
     ( 444963.9, 3770079.8,     270.0,     270.0,       0.0);         (
445000.3, 3770079.8,     270.0,     270.0,       0.0);
     ( 445036.7, 3770079.8,     270.0,     270.0,       0.0);         (
445073.1, 3770079.8,     270.0,     270.0,       0.0);
     ( 445109.5, 3770079.8,     270.0,     270.0,       0.0);         (
445145.9, 3770079.8,     270.0,     270.0,       0.0);
     ( 445182.3, 3770079.8,     270.0,     270.0,       0.0);         (
445218.7, 3770079.8,     270.0,     270.0,       0.0);
```

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

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

(445255.0, 3770079.8, 270.0, 270.0, 0.0); (444818.4, 3770091.4, 270.0, 270.0, 0.0);
(444854.8, 3770091.4, 270.0, 270.0, 0.0); (444891.1, 3770091.4, 270.0, 270.0, 0.0);
(444927.5, 3770091.4, 270.0, 270.0, 0.0); (444963.9, 3770091.4, 270.0, 270.0, 0.0);
(445000.3, 3770091.4, 270.0, 270.0, 0.0); (445036.7, 3770091.4, 270.0, 270.0, 0.0);
(445073.1, 3770091.4, 270.0, 270.0, 0.0); (445109.5, 3770091.4, 270.0, 270.0, 0.0);
(445145.9, 3770091.4, 270.0, 270.0, 0.0); (445182.3, 3770091.4, 270.0, 270.0, 0.0);
(445218.7, 3770091.4, 270.0, 270.0, 0.0); (445255.0, 3770091.4, 270.0, 270.0, 0.0);
(444818.4, 3770102.9, 270.0, 270.0, 0.0); (444854.8, 3770102.9, 270.0, 270.0, 0.0);
(444891.1, 3770102.9, 270.0, 270.0, 0.0); (444927.5, 3770102.9, 270.0, 270.0, 0.0);
(444963.9, 3770102.9, 270.0, 270.0, 0.0); (445000.3, 3770102.9, 270.0, 270.0, 0.0);
(445036.7, 3770102.9, 270.0, 270.0, 0.0); (445073.1, 3770102.9, 270.0, 270.0, 0.0);
(445109.5, 3770102.9, 270.0, 270.0, 0.0); (445145.9, 3770102.9, 270.0, 270.0, 0.0);
(445182.3, 3770102.9, 270.0, 270.0, 0.0); (445218.7, 3770102.9, 270.0, 270.0, 0.0);
(445255.0, 3770102.9, 270.0, 270.0, 0.0); (444818.4, 3770114.5, 270.0, 270.0, 0.0);
(444854.8, 3770114.5, 270.0, 270.0, 0.0); (444891.1, 3770114.5, 270.0, 270.0, 0.0);
(444927.5, 3770114.5, 270.0, 270.0, 0.0); (444963.9, 3770114.5, 270.0, 270.0, 0.0);
(445000.3, 3770112.1, 270.0, 270.0, 0.0); (445036.7, 3770112.1, 270.0, 270.0, 0.0);
(445073.1, 3770111.8, 270.0, 270.0, 0.0); (445109.5, 3770111.3, 270.0, 270.0, 0.0);
(445145.9, 3770110.8, 270.0, 270.0, 0.0); (445182.7, 3770110.3, 270.0, 270.0, 0.0);
(445217.7, 3770109.9, 270.0, 270.0, 0.0); (445271.2, 3770103.0, 270.0, 270.0, 0.0);

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

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

Surface file: poma6.SFC
Met Version: 12345
Profile file: poma6.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3190 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2005 Year: 2005

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
05	01	01	1	01	-0.6	0.027	-9.000	-9.000	-999.	10.	3.1	0.47	1.00	1.00	0.40	61.	9.1	277.4	5.5
05	01	01	1	02	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	41.	9.1	278.5	5.5
05	01	01	1	03	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	41.	9.1	278.5	5.5
05	01	01	1	04	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	29.	9.1	278.4	5.5
05	01	01	1	05	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	28.	9.1	278.2	5.5
05	01	01	1	06	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	30.	9.1	278.9	5.5
05	01	01	1	07	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	25.	9.1	278.9	5.5
05	01	01	1	08	-0.5	0.027	-9.000	-9.000	-999.	10.	3.4	0.47	1.00	0.54	0.40	35.	9.1	279.6	5.5
05	01	01	1	09	28.5	0.099	0.384	0.005	70.	72.	-3.0	0.47	1.00	0.31	0.40	173.	9.1	281.2	5.5
05	01	01	1	10	80.8	0.238	1.217	0.005	782.	267.	-14.5	0.47	1.00	0.24	1.30	173.	9.1	283.4	5.5
05	01	01	1	11	119.2	0.249	1.518	0.007	1028.	285.	-11.3	0.47	1.00	0.21	1.30	196.	9.1	285.2	5.5
05	01	01	1	12	120.4	0.249	1.615	0.009	1225.	286.	-11.2	0.47	1.00	0.20	1.30	212.	9.1	286.1	5.5
05	01	01	1	13	120.9	0.249	1.629	0.009	1252.	286.	-11.2	0.47	1.00	0.20	1.30	237.	9.1	286.1	5.5

```
 05 01 01   1 14   65.0  0.293  1.329  0.009 1266.  364.    -33.8  0.47
1.00   0.22    1.80  266.    9.1  285.9    5.5
 05 01 01   1 15   28.3  0.274  1.009  0.009 1272.  330.    -63.7  0.47
1.00   0.25    1.80  262.    9.1  285.6    5.5
 05 01 01   1 16    2.8  0.248  0.466  0.009 1273.  285.   -483.7  0.47
1.00   0.34    1.80  266.    9.1  285.0    5.5
 05 01 01   1 17   -4.7  0.088 -9.000 -9.000 -999.   84.     12.7  0.47
1.00   0.61    1.30  280.    9.1  284.4    5.5
 05 01 01   1 18   -2.8  0.061 -9.000 -9.000 -999.   35.      7.0  0.47
1.00   1.00    0.90  261.    9.1  283.9    5.5
 05 01 01   1 19   -0.6  0.027 -9.000 -9.000 -999.   10.      3.1  0.47
1.00   1.00    0.40  293.    9.1  283.1    5.5
 05 01 01   1 20   -0.2  0.019 -9.000 -9.000 -999.    6.      2.6  0.47
1.00   1.00    0.28  313.    9.1  282.4    5.5
 05 01 01   1 21   -0.2  0.019 -9.000 -9.000 -999.    6.      2.6  0.47
1.00   1.00    0.28  325.    9.1  281.5    5.5
 05 01 01   1 22   -0.2  0.019 -9.000 -9.000 -999.    6.      3.0  0.47
1.00   1.00    0.28  323.    9.1  280.0    5.5
 05 01 01   1 23   -0.2  0.019 -9.000 -9.000 -999.    6.      3.0  0.47
1.00   1.00    0.28  351.    9.1  279.4    5.5
 05 01 01   1 24   -0.4  0.027 -9.000 -9.000 -999.   10.      4.2  0.47
1.00   1.00    0.40   50.    9.1  279.0    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 05 01 01 01    5.5 0 -999.  -99.00   277.4   99.0  -99.00  -99.00
 05 01 01 01    9.1 1   61.    0.40  -999.0   99.0  -99.00  -99.00

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

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0030531 , L0030532 , L0030533 , L0030534 , L0030535 ,
L0030536 , L0030537 , L0030538 , L0030539 , L0030540 , L0030541 , L0030542 , L0030543 ,
L0030544 , L0030545 , L0030546 , L0030547 , L0030548 , L0030549 , L0030550 , L0030551 ,
L0030552 , L0030553 , L0030554 , L0030555 , L0030556 , L0030557 , L0030558 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
444781.98	3769929.39	39.41787	444818.37	3769929.39	38.82523
444854.76	3769929.39	38.19696	444891.15	3769929.39	37.53587
444927.54	3769929.39	36.89860	444963.93	3769929.39	36.09541
445000.32	3769929.39	35.21091	445036.71	3769929.39	34.22519
445073.10	3769929.39	33.06911	445109.49	3769929.39	31.64305
445145.88	3769929.39	30.29187	445182.27	3769929.39	29.21202
444781.98	3769940.96	38.30228	444818.37	3769940.96	37.70199
444854.76	3769940.96	37.06267	444891.15	3769940.96	36.42690
444927.54	3769940.96	35.73714	444963.93	3769940.96	34.90512
445000.32	3769940.96	34.00114	445036.71	3769940.96	32.99649
445073.10	3769940.96	31.78988	445109.49	3769940.96	30.35740
445145.88	3769940.96	29.01994	445182.27	3769940.96	27.96966

444781.98 3769952.53 37.24817
444818.37 3769952.53 36.62020
444854.76 3769952.53 35.97354
444891.15 3769952.53 35.35812
444927.54 3769952.53 34.59963
444963.93 3769952.53 33.76340
445000.32 3769952.53 32.84933
445036.71 3769952.53 31.80271
445073.10 3769952.53 30.56171
445109.49 3769952.53 29.14042
445145.88 3769952.53 27.83064
445182.27 3769952.53 26.79457
444781.98 3769964.10 36.22660
444818.37 3769964.10 35.59564
444854.76 3769964.10 34.97780
444891.15 3769964.10 34.31117
444927.54 3769964.10 33.50742
444963.93 3769964.10 32.65528
445000.32 3769964.10 31.72796
445036.71 3769964.10 30.65504
445073.10 3769964.10 29.39778
445109.49 3769964.10 28.01921
445145.88 3769964.10 26.70621
445182.27 3769964.10 25.67864
445218.66 3769964.10 24.90439
444781.98 3769975.67 35.24725
444818.37 3769975.67 34.61133
444854.76 3769975.67 34.00651
444891.15 3769975.67 33.28329
444927.54 3769975.67 32.47832
444963.93 3769975.67 31.61258
445000.32 3769975.67 30.66323
445036.71 3769975.67 29.55706
445073.10 3769975.67 28.30318
445109.49 3769975.67 26.97441
445145.88 3769975.67 25.63266
445182.27 3769975.67 24.62916
445218.66 3769975.67 23.91500
444781.98 3769987.24 34.30900
444818.37 3769987.24 33.70101
444854.76 3769987.24 33.05258
444891.15 3769987.24 32.27540
444927.54 3769987.24 31.47607
444963.93 3769987.24 30.60352
445000.32 3769987.24 29.62744
445036.71 3769987.24 28.50127
445073.10 3769987.24 27.26099
445109.49 3769987.24 25.98342
445145.88 3769987.24 24.68061
445182.27 3769987.24 23.67440
445218.66 3769987.24 22.95490
444781.98 3769998.81 33.40696
444818.37 3769998.81 32.80915
444854.76 3769998.81 32.11400

444891.15 3769998.81 31.32771
444927.54 3769998.81 30.50274

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0030531 , L0030532 , L0030533 , L0030534 , L0030535 ,
L0030536 , L0030537 , L0030538 , L0030539 , L0030540 , L0030541 , L0030542 , L0030543 ,
L0030544 , L0030545 , L0030546 , L0030547 , L0030548 , L0030549 , L0030550 , L0030551 ,
L0030552 , L0030553 , L0030554 , L0030555 , L0030556 , L0030557 , L0030558 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
444963.93	3769998.81	29.62059	445000.32	3769998.81	28.62537
445036.71	3769998.81	27.49331	445073.10	3769998.81	26.28642
445109.49	3769998.81	25.05020	445145.88	3769998.81	23.82604
445182.27	3769998.81	22.82358	445218.66	3769998.81	22.03412
444781.98	3770010.38	32.56538	444818.37	3770010.38	31.93131
444854.76	3770010.38	31.19174	444891.15	3770010.38	30.41240
444927.54	3770010.38	29.57755	444963.93	3770010.38	28.67957
445000.32	3770010.38	27.66272	445036.71	3770010.38	26.54478
445073.10	3770010.38	25.38174	445109.49	3770010.38	24.18947
445145.88	3770010.38	23.04406	445182.27	3770010.38	22.06378
445218.66	3770010.38	21.21529	444781.98	3770021.95	31.73867
444818.37	3770021.95	31.06612	444854.76	3770021.95	30.28961

444891.15 3770021.95 29.52054
444927.54 3770021.95 28.68164
444963.93 3770021.95 27.76785
445000.32 3770021.95 26.74106
445036.71 3770021.95 25.63769
445073.10 3770021.95 24.51972
445109.49 3770021.95 23.36840
445145.88 3770021.95 22.32059
445182.27 3770021.95 21.43142
445218.66 3770021.95 20.52626
444781.98 3770033.52 30.92353
444818.37 3770033.52 30.21448
444854.76 3770033.52 29.44593
444891.15 3770033.52 28.65337
444927.54 3770033.52 27.80872
444963.93 3770033.52 26.88492
445000.32 3770033.52 25.85834
445036.71 3770033.52 24.77866
445073.10 3770033.52 23.70700
445109.49 3770033.52 22.62805
445145.88 3770033.52 21.65970
445182.27 3770033.52 20.80812
445218.66 3770033.52 19.96508
445249.38 3770033.52 19.35853
444781.98 3770045.09 30.11908
444818.37 3770045.09 29.37852
444854.76 3770045.09 28.62178
444891.15 3770045.09 27.81732
444927.54 3770045.09 26.96350
444963.93 3770045.09 26.03325
445000.32 3770045.09 25.02286
445036.71 3770045.09 23.98486
445073.10 3770045.09 22.94284
445109.49 3770045.09 21.94050
445145.88 3770045.09 21.02940
445182.27 3770045.09 20.21104
445218.66 3770045.09 19.46354
445255.05 3770045.09 18.78361
444818.37 3770056.66 28.56155
444854.76 3770056.66 27.81831
444891.15 3770056.66 27.00892
444927.54 3770056.66 26.15114
444963.93 3770056.66 25.21643
445000.32 3770056.66 24.22534
445036.71 3770056.66 23.23084
445073.10 3770056.66 22.21974
445109.49 3770056.66 21.28453
445145.88 3770056.66 20.43310
445182.27 3770056.66 19.65115
445218.66 3770056.66 18.97886
445255.05 3770056.66 18.34207
444818.37 3770068.23 27.79407
444854.76 3770068.23 27.03613
444891.15 3770068.23 26.22489

444927.54 3770068.23 25.36363
444963.93 3770068.23 24.43260

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0030531 , L0030532 , L0030533 , L0030534 , L0030535 , L0030536 , L0030537 , L0030538 , L0030539 , L0030540 , L0030541 , L0030542 , L0030543 , L0030544 , L0030545 , L0030546 , L0030547 , L0030548 , L0030549 , L0030550 , L0030551 , L0030552 , L0030553 , L0030554 , L0030555 , L0030556 , L0030557 , L0030558 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
445000.32	3770068.23	23.46360	445036.71	3770068.23	22.51595
445073.10	3770068.23	21.55302	445109.49	3770068.23	20.65936
445145.88	3770068.23	19.90571	445182.27	3770068.23	19.13169
445218.66	3770068.23	18.50334	445255.05	3770068.23	17.92228
444818.37	3770079.80	27.04424	444854.76	3770079.80	26.27574
444891.15	3770079.80	25.46308	444927.54	3770079.80	24.60268
444963.93	3770079.80	23.68743	445000.32	3770079.80	22.75199
445036.71	3770079.80	21.83653	445073.10	3770079.80	20.94030
445109.49	3770079.80	20.10401	445145.88	3770079.80	19.39556
445182.27	3770079.80	18.65921	445218.66	3770079.80	18.04653
445255.05	3770079.80	17.52385	444818.37	3770091.37	26.31267
444854.76	3770091.37	25.54195	444891.15	3770091.37	24.72527

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         444927.54    3770091.37       23.86933
444963.93    3770091.37       22.97571
         445000.32    3770091.37       22.08439
445036.71    3770091.37       21.19014
         445073.10    3770091.37       20.35571
445109.49    3770091.37       19.57437
         445145.88    3770091.37       18.89226
445182.27    3770091.37       18.21562
         445218.66    3770091.37       17.62420
445255.05    3770091.37       17.14239
         444818.37    3770102.94       25.59985
444854.76    3770102.94       24.82921
         444891.15    3770102.94       24.01643
444927.54    3770102.94       23.16717
         444963.93    3770102.94       22.30021
445000.32    3770102.94       21.44574
         445036.71    3770102.94       20.57838
445073.10    3770102.94       19.80436
         445109.49    3770102.94       19.06693
445145.88    3770102.94       18.42865
         445182.27    3770102.94       17.78295
445218.66    3770102.94       17.23001
         445255.05    3770102.94       16.77071
444818.37    3770114.51       24.90623
         444854.76    3770114.51       24.13796
444891.15    3770114.51       23.33348
         444927.54    3770114.51       22.50151
444963.93    3770114.51       21.65358
         445000.32    3770112.15       20.95812
445036.71    3770112.15       20.13829
         445073.10    3770111.76       19.39891
445109.49    3770111.28       18.73229
         445145.88    3770110.81       18.12505
445182.73    3770110.35       17.52942
         445217.74    3770109.89       17.01465
445271.22    3770102.96       16.51211
```

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0030531 , L0030532 , L0030533 , L0030534 , L0030535 ,
L0030536 , L0030537 , L0030538 , L0030539 , L0030540 , L0030541 , L0030542 , L0030543 ,
L0030544 , L0030545 , L0030546 , L0030547 , L0030548 , L0030549 , L0030550 , L0030551 ,
L0030552 , L0030553 , L0030554 , L0030555 , L0030556 , L0030557 , L0030558 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
444781.98	3769929.39	36.46470	444818.37	3769929.39	35.80587
444854.76	3769929.39	35.18439	444891.15	3769929.39	34.51469
444927.54	3769929.39	33.79138	444963.93	3769929.39	33.01774
445000.32	3769929.39	32.19224	445036.71	3769929.39	31.31952
445073.10	3769929.39	30.18316	445109.49	3769929.39	29.21009
445145.88	3769929.39	28.07557	445182.27	3769929.39	27.07827
444781.98	3769940.96	35.36771	444818.37	3769940.96	34.71533
444854.76	3769940.96	34.09204	444891.15	3769940.96	33.39801
444927.54	3769940.96	32.67199	444963.93	3769940.96	31.84932
445000.32	3769940.96	31.13109	445036.71	3769940.96	30.16001
445073.10	3769940.96	29.12170	445109.49	3769940.96	28.07763
445145.88	3769940.96	27.09153	445182.27	3769940.96	26.12985

```
         444781.98    3769952.53       34.31030
444818.37    3769952.53       33.70147
         444854.76    3769952.53       33.00752
444891.15    3769952.53       32.36522
         444927.54    3769952.53       31.63361
444963.93    3769952.53       30.81132
         445000.32    3769952.53       30.03168
445036.71    3769952.53       29.03557
         445073.10    3769952.53       28.15483
445109.49    3769952.53       27.09278
         445145.88    3769952.53       26.16336
445182.27    3769952.53       25.21421
         444781.98    3769964.10       33.33922
444818.37    3769964.10       32.70519
         444854.76    3769964.10       32.04759
444891.15    3769964.10       31.35907
         444927.54    3769964.10       30.59973
444963.93    3769964.10       29.86811
         445000.32    3769964.10       29.01923
445036.71    3769964.10       28.01613
         445073.10    3769964.10       27.18144
445109.49    3769964.10       26.18755
         445145.88    3769964.10       25.29799
445182.27    3769964.10       24.36272
         445218.66    3769964.10       23.21933
444781.98    3769975.67       32.38680
         444818.37    3769975.67       31.70378
444854.76    3769975.67       31.12208
         444891.15    3769975.67       30.41325
444927.54    3769975.67       29.62925
         444963.93    3769975.67       28.94906
445000.32    3769975.67       28.02818
         445036.71    3769975.67       27.09221
445073.10    3769975.67       26.20071
         445109.49    3769975.67       25.32880
445145.88    3769975.67       24.46734
         445182.27    3769975.67       23.52537
445218.66    3769975.67       22.47831
         444781.98    3769987.24       31.47214
444818.37    3769987.24       30.85451
         444854.76    3769987.24       30.21783
444891.15    3769987.24       29.48788
         444927.54    3769987.24       28.73788
444963.93    3769987.24       28.00757
         445000.32    3769987.24       27.07812
445036.71    3769987.24       26.25551
         445073.10    3769987.24       25.28881
445109.49    3769987.24       24.53293
         445145.88    3769987.24       23.69297
445182.27    3769987.24       22.74422
         445218.66    3769987.24       21.81751
444781.98    3769998.81       30.57499
         444818.37    3769998.81       30.02734
444854.76    3769998.81       29.33049
```

444891.15 3769998.81 28.59788
444927.54 3769998.81 27.92389

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0030531 , L0030532 , L0030533 , L0030534 , L0030535 ,
L0030536 , L0030537 , L0030538 , L0030539 , L0030540 , L0030541 , L0030542 , L0030543 ,
L0030544 , L0030545 , L0030546 , L0030547 , L0030548 , L0030549 , L0030550 , L0030551 ,
L0030552 , L0030553 , L0030554 , L0030555 , L0030556 , L0030557 , L0030558 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
444963.93	3769998.81	27.13895	445000.32	3769998.81	26.18920
445036.71	3769998.81	25.45759	445073.10	3769998.81	24.52646
445109.49	3769998.81	23.78514	445145.88	3769998.81	22.90417
445182.27	3769998.81	22.02036	445218.66	3769998.81	21.19833
444781.98	3770010.38	29.78971	444818.37	3770010.38	29.20249
444854.76	3770010.38	28.50539	444891.15	3770010.38	27.75381
444927.54	3770010.38	27.12708	444963.93	3770010.38	26.28456
445000.32	3770010.38	25.39041	445036.71	3770010.38	24.61647
445073.10	3770010.38	23.81058	445109.49	3770010.38	23.05811
445145.88	3770010.38	22.21883	445182.27	3770010.38	21.32936
445218.66	3770010.38	20.61858	444781.98	3770021.95	29.02823
444818.37	3770021.95	28.38281	444854.76	3770021.95	27.68801

444891.15 3770021.95 26.97444
444927.54 3770021.95 26.30379
444963.93 3770021.95 25.45586
445000.32 3770021.95 24.65629
445036.71 3770021.95 23.80626
445073.10 3770021.95 23.13032
445109.49 3770021.95 22.36695
445145.88 3770021.95 21.54551
445182.27 3770021.95 20.70571
445218.66 3770021.95 20.03299
444781.98 3770033.52 28.28458
444818.37 3770033.52 27.60476
444854.76 3770033.52 26.90291
444891.15 3770033.52 26.25187
444927.54 3770033.52 25.52691
444963.93 3770033.52 24.67269
445000.32 3770033.52 23.96054
445036.71 3770033.52 23.13564
445073.10 3770033.52 22.48502
445109.49 3770033.52 21.72183
445145.88 3770033.52 20.92733
445182.27 3770033.52 20.15744
445218.66 3770033.52 19.46089
445249.38 3770033.52 18.81877
444781.98 3770045.09 27.54490
444818.37 3770045.09 26.86932
444854.76 3770045.09 26.14215
444891.15 3770045.09 25.52992
444927.54 3770045.09 24.79601
444963.93 3770045.09 23.94548
445000.32 3770045.09 23.24662
445036.71 3770045.09 22.49966
445073.10 3770045.09 21.86224
445109.49 3770045.09 21.11263
445145.88 3770045.09 20.34290
445182.27 3770045.09 19.65689
445218.66 3770045.09 18.95026
445255.05 3770045.09 18.20650
444818.37 3770056.66 26.14313
444854.76 3770056.66 25.44555
444891.15 3770056.66 24.80840
444927.54 3770056.66 24.07669
444963.93 3770056.66 23.27945
445000.32 3770056.66 22.53778
445036.71 3770056.66 21.90090
445073.10 3770056.66 21.26118
445109.49 3770056.66 20.52770
445145.88 3770056.66 19.76227
445182.27 3770056.66 19.17006
445218.66 3770056.66 18.42997
445255.05 3770056.66 17.77078
444818.37 3770068.23 25.43323
444854.76 3770068.23 24.78273
444891.15 3770068.23 24.13264

444927.54 3770068.23 23.38176
444963.93 3770068.23 22.64809

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0030531 , L0030532 , L0030533 , L0030534 , L0030535 ,
L0030536 , L0030537 , L0030538 , L0030539 , L0030540 , L0030541 , L0030542 , L0030543 ,
L0030544 , L0030545 , L0030546 , L0030547 , L0030548 , L0030549 , L0030550 , L0030551 ,
L0030552 , L0030553 , L0030554 , L0030555 , L0030556 , L0030557 , L0030558 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
445000.32	3770068.23	21.92753	445036.71	3770068.23	21.33234
445073.10	3770068.23	20.68474	445109.49	3770068.23	19.94122
445145.88	3770068.23	19.26018	445182.27	3770068.23	18.70893
445218.66	3770068.23	17.97621	445255.05	3770068.23	17.37046
444818.37	3770079.80	24.74767	444854.76	3770079.80	24.14259
444891.15	3770079.80	23.48031	444927.54	3770079.80	22.71663
444963.93	3770079.80	22.04512	445000.32	3770079.80	21.36095
445036.71	3770079.80	20.77448	445073.10	3770079.80	20.12673
445109.49	3770079.80	19.41541	445145.88	3770079.80	18.78133
445182.27	3770079.80	18.25180	445218.66	3770079.80	17.55182
445255.05	3770079.80	16.97729	444818.37	3770091.37	24.11523
444854.76	3770091.37	23.51954	444891.15	3770091.37	22.85205

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         444927.54    3770091.37       22.10971
444963.93    3770091.37       21.45293
         445000.32    3770091.37       20.82097
445036.71    3770091.37       20.25123
         445073.10    3770091.37       19.62088
445109.49    3770091.37       18.94338
         445145.88    3770091.37       18.38257
445182.27    3770091.37       17.78400
         445218.66    3770091.37       17.13234
445255.05    3770091.37       16.60554
         444818.37    3770102.94       23.51911
444854.76    3770102.94       22.90061
         444891.15    3770102.94       22.23791
444927.54    3770102.94       21.50726
         444963.93    3770102.94       20.90425
445000.32    3770102.94       20.28805
         445036.71    3770102.94       19.75107
445073.10    3770102.94       19.11924
         445109.49    3770102.94       18.46166
445145.88    3770102.94       17.93804
         445182.27    3770102.94       17.31409
445218.66    3770102.94       16.73249
         445255.05    3770102.94       16.23488
444818.37    3770114.51       22.93413
         444854.76    3770114.51       22.31765
444891.15    3770114.51       21.61679
         444927.54    3770114.51       20.97116
444963.93    3770114.51       20.36920
         445000.32    3770112.15       19.88522
445036.71    3770112.15       19.35596
         445073.10    3770111.76       18.73407
445109.49    3770111.28       18.14318
         445145.88    3770110.81       17.66626
445182.73    3770110.35       17.04567
         445217.74    3770109.89       16.50684
445271.22    3770102.96       15.99357
```

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST MAX DAILY 1-HR RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

NETWORK GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	39.41787	AT (444781.98, 3769929.39, 270.00, 270.00, 0.00)	DC
	2ND HIGHEST VALUE IS	38.82523	AT (444818.37, 3769929.39, 270.00, 270.00, 0.00)	DC
	3RD HIGHEST VALUE IS	38.30228	AT (444781.98, 3769940.96, 270.00, 270.00, 0.00)	DC
	4TH HIGHEST VALUE IS	38.19696	AT (444854.76, 3769929.39, 270.00, 270.00, 0.00)	DC
	5TH HIGHEST VALUE IS	37.70199	AT (444818.37, 3769940.96, 270.00, 270.00, 0.00)	DC
	6TH HIGHEST VALUE IS	37.53587	AT (444891.15, 3769929.39, 270.00, 270.00, 0.00)	DC
	7TH HIGHEST VALUE IS	37.24817	AT (444781.98, 3769952.53, 270.00, 270.00, 0.00)	DC
	8TH HIGHEST VALUE IS	37.06267	AT (444854.76, 3769940.96, 270.00, 270.00, 0.00)	DC
	9TH HIGHEST VALUE IS	36.89860	AT (444927.54, 3769929.39, 270.00, 270.00, 0.00)	DC
	10TH HIGHEST VALUE IS	36.62020	AT (444818.37, 3769952.53, 270.00, 270.00, 0.00)	DC

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

*** THE SUMMARY OF MAXIMUM 8TH-HIGHEST MAX DAILY 1-HR RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

NETWORK GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	36.46470 AT (444781.98, 3769929.39, 270.00, 270.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	35.80587 AT (444818.37, 3769929.39, 270.00, 270.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	35.36771 AT (444781.98, 3769940.96, 270.00, 270.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	35.18439 AT (444854.76, 3769929.39, 270.00, 270.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	34.71533 AT (444818.37, 3769940.96, 270.00, 270.00, 0.00)	DC	
	6TH HIGHEST VALUE IS	34.51469 AT (444891.15, 3769929.39, 270.00, 270.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	34.31030 AT (444781.98, 3769952.53, 270.00, 270.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	34.09204 AT (444854.76, 3769940.96, 270.00, 270.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	33.79138 AT (444927.54, 3769929.39, 270.00, 270.00, 0.00)	DC	
	10TH HIGHEST VALUE IS	33.70147 AT (444818.37, 3769952.53, 270.00, 270.00, 0.00)	DC	

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

**MODELOPTs: NonDFAULT CONC FLAT FASTALL OLM

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

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

A Total of 0 Fatal Error Message(s)
A Total of 3 Warning Message(s)
A Total of 845 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 0 Calm Hours Identified

A Total of 845 Missing Hours Identified (1.93 Percent)

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

******** WARNING MESSAGES ********
CO W271 29 COCARD: O3FILE w/o O3VALs; full conv for hrs with miss O3
ME W396 1541 MEOPEN: Met data from outdated version of AERMET, version: 12345
ME W531 1541 MEOPEN: CAUTION! Met Station ID Missing from SURFFILE for SURFDATA

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

AERMOD MODEL OUTPUT SUMMARY FILE (PM10)

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.7.0
** Lakes Environmental Software Inc.
** Date: 10/20/2014
** File: U:\UcJobs\_08600-09000\_09000\09034\AERMOD\Residences Near FWY
HRA\PM10\PM10.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE U:\UcJobs\_08600-09000\_09000\09034\AERMOD\Residences Near
FWY HRA\r
   MODELOPT CONC DRYDPLT FLAT  FASTALL
   AVERTIME 24 ANNUAL
   URBANOPT 2015355
   POLLUTID PM_10
   RUNORNOT RUN
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 = SLINE1
** DESCRSRC Eastbound on the 10
** PREFIX
** Length of Side = 18.80
** Configuration = Adjacent
** Emission Rate = 0.255789
** Vertical Dimension = 5.85
** SZINIT = 2.72
** Nodes = 13
** 445449.445, 3769597.302, 0.00, 0.00, 8.74
** 444841.645, 3769606.033, 0.00, 0.00, 8.74
** 444750.998, 3769608.551, 0.00, 0.00, 8.74
** 444641.465, 3769619.882, 0.00, 0.00, 8.74
** 444533.191, 3769634.990, 0.00, 0.00, 8.74
** 444412.957, 3769654.504, 0.00, 0.00, 8.74
** 444242.993, 3769696.681, 0.00, 0.00, 8.74
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** 444049.737, 3769762.778, 0.00, 0.00, 8.74
** 443921.949, 3769816.915, 0.00, 0.00, 8.74
** 443784.718, 3769886.789, 0.00, 0.00, 8.74
** 443623.567, 3769984.991, 0.00, 0.00, 8.74
** 443434.718, 3770115.297, 0.00, 0.00, 8.74
** 442982.277, 3770432.001, 0.00, 0.00, 8.74
** ------------------------------------------------------------------
   LOCATION L0029991     VOLUME   445440.046 3769597.437 0.0
   LOCATION L0029992     VOLUME   445421.248 3769597.707 0.0
   LOCATION L0029993     VOLUME   445402.450 3769597.977 0.0
   LOCATION L0029994     VOLUME   445383.652 3769598.247 0.0
   LOCATION L0029995     VOLUME   445364.854 3769598.517 0.0
   LOCATION L0029996     VOLUME   445346.056 3769598.787 0.0
   LOCATION L0029997     VOLUME   445327.258 3769599.057 0.0
   LOCATION L0029998     VOLUME   445308.460 3769599.327 0.0
   LOCATION L0029999     VOLUME   445289.662 3769599.597 0.0
   LOCATION L0030000     VOLUME   445270.864 3769599.867 0.0
   LOCATION L0030001     VOLUME   445252.066 3769600.137 0.0
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   LOCATION L0030003     VOLUME   445214.470 3769600.677 0.0
   LOCATION L0030004     VOLUME   445195.672 3769600.947 0.0
   LOCATION L0030005     VOLUME   445176.873 3769601.217 0.0
   LOCATION L0030006     VOLUME   445158.075 3769601.487 0.0
   LOCATION L0030007     VOLUME   445139.277 3769601.757 0.0
   LOCATION L0030008     VOLUME   445120.479 3769602.028 0.0
   LOCATION L0030009     VOLUME   445101.681 3769602.298 0.0
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   LOCATION L0030012     VOLUME   445045.287 3769603.108 0.0
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LOCATION L0030081     VOLUME   443794.108 3769882.008 0.0
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   LOCATION L0030122     VOLUME   443154.452 3770311.480 0.0
   LOCATION L0030123     VOLUME   443139.050 3770322.261 0.0
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** End of LINE VOLUME Source ID = SLINE1
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Westbound on the 10
** PREFIX
** Length of Side = 18.80
** Configuration = Adjacent
** Emission Rate = 0.253501
** Vertical Dimension = 5.85
** SZINIT = 2.72
** Nodes = 15
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** End of LINE VOLUME Source ID = SLINE2
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Eastbound On Ramp
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** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.008752
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 5
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   LOCATION L0030278     VOLUME   443722.348 3769881.631 0.0
   LOCATION L0030279     VOLUME   443730.632 3769878.112 0.0
   LOCATION L0030280     VOLUME   443738.916 3769874.594 0.0
   LOCATION L0030281     VOLUME   443747.200 3769871.076 0.0
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   LOCATION L0030285     VOLUME   443780.335 3769857.002 0.0
   LOCATION L0030286     VOLUME   443788.618 3769853.484 0.0
   LOCATION L0030287     VOLUME   443796.902 3769849.965 0.0
   LOCATION L0030288     VOLUME   443805.186 3769846.447 0.0
   LOCATION L0030289     VOLUME   443813.470 3769842.929 0.0
   LOCATION L0030290     VOLUME   443821.754 3769839.410 0.0
   LOCATION L0030291     VOLUME   443829.935 3769835.681 0.0
   LOCATION L0030292     VOLUME   443837.815 3769831.333 0.0
   LOCATION L0030293     VOLUME   443845.695 3769826.986 0.0
   LOCATION L0030294     VOLUME   443853.575 3769822.638 0.0
   LOCATION L0030295     VOLUME   443861.455 3769818.290 0.0
   LOCATION L0030296     VOLUME   443869.336 3769813.942 0.0
   LOCATION L0030297     VOLUME   443877.216 3769809.595 0.0
   LOCATION L0030298     VOLUME   443885.096 3769805.247 0.0
   LOCATION L0030299     VOLUME   443893.160 3769801.325 0.0
   LOCATION L0030300     VOLUME   443901.730 3769798.576 0.0
   LOCATION L0030301     VOLUME   443910.300 3769795.828 0.0
   LOCATION L0030302     VOLUME   443918.870 3769793.079 0.0
   LOCATION L0030303     VOLUME   443927.440 3769790.330 0.0
   LOCATION L0030304     VOLUME   443936.010 3769787.581 0.0
   LOCATION L0030305     VOLUME   443944.580 3769784.832 0.0
   LOCATION L0030306     VOLUME   443953.149 3769782.083 0.0
   LOCATION L0030307     VOLUME   443961.719 3769779.334 0.0
   LOCATION L0030308     VOLUME   443970.289 3769776.585 0.0
   LOCATION L0030309     VOLUME   443978.859 3769773.836 0.0
   LOCATION L0030310     VOLUME   443987.429 3769771.087 0.0
   LOCATION L0030311     VOLUME   443995.999 3769768.338 0.0
   LOCATION L0030312     VOLUME   444004.569 3769765.589 0.0
   LOCATION L0030313     VOLUME   444013.139 3769762.841 0.0
   LOCATION L0030314     VOLUME   444021.709 3769760.092 0.0
   LOCATION L0030315     VOLUME   444030.279 3769757.343 0.0
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   LOCATION L0030316     VOLUME   444038.849 3769754.594 0.0
   LOCATION L0030317     VOLUME   444047.419 3769751.845 0.0
   LOCATION L0030318     VOLUME   444055.988 3769749.096 0.0
   LOCATION L0030319     VOLUME   444064.558 3769746.347 0.0
   LOCATION L0030320     VOLUME   444073.128 3769743.598 0.0
   LOCATION L0030321     VOLUME   444081.698 3769740.849 0.0
   LOCATION L0030322     VOLUME   444090.268 3769738.100 0.0
   LOCATION L0030323     VOLUME   444098.838 3769735.351 0.0
   LOCATION L0030324     VOLUME   444107.408 3769732.602 0.0
   LOCATION L0030325     VOLUME   444115.978 3769729.854 0.0
   LOCATION L0030326     VOLUME   444124.548 3769727.105 0.0
   LOCATION L0030327     VOLUME   444133.118 3769724.356 0.0
   LOCATION L0030328     VOLUME   444141.688 3769721.607 0.0
   LOCATION L0030329     VOLUME   444150.258 3769718.858 0.0
   LOCATION L0030330     VOLUME   444158.827 3769716.109 0.0
   LOCATION L0030331     VOLUME   444167.397 3769713.360 0.0
   LOCATION L0030332     VOLUME   444175.967 3769710.611 0.0
   LOCATION L0030333     VOLUME   444184.537 3769707.862 0.0
   LOCATION L0030334     VOLUME   444193.107 3769705.113 0.0
   LOCATION L0030335     VOLUME   444201.729 3769702.538 0.0
   LOCATION L0030336     VOLUME   444210.393 3769700.100 0.0
   LOCATION L0030337     VOLUME   444219.056 3769697.662 0.0
   LOCATION L0030338     VOLUME   444227.720 3769695.224 0.0
   LOCATION L0030339     VOLUME   444236.383 3769692.786 0.0
   LOCATION L0030340     VOLUME   444245.047 3769690.348 0.0
   LOCATION L0030341     VOLUME   444253.710 3769687.910 0.0
   LOCATION L0030342     VOLUME   444262.374 3769685.472 0.0
   LOCATION L0030343     VOLUME   444271.037 3769683.034 0.0
   LOCATION L0030344     VOLUME   444279.701 3769680.596 0.0
   LOCATION L0030345     VOLUME   444288.364 3769678.158 0.0
   LOCATION L0030346     VOLUME   444297.028 3769675.719 0.0
   LOCATION L0030347     VOLUME   444305.691 3769673.281 0.0
   LOCATION L0030348     VOLUME   444314.355 3769670.843 0.0
   LOCATION L0030349     VOLUME   444323.018 3769668.405 0.0
   LOCATION L0030350     VOLUME   444331.681 3769665.967 0.0
   LOCATION L0030351     VOLUME   444340.345 3769663.529 0.0
   LOCATION L0030352     VOLUME   444349.008 3769661.091 0.0
   LOCATION L0030353     VOLUME   444357.672 3769658.653 0.0
** End of LINE VOLUME Source ID = SLINE3
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Eastbound Off Ramp
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.003632
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 7
** 443434.721, 3770105.734, 0.00, 0.00, 4.19
** 443513.378, 3770039.550, 0.00, 0.00, 4.19
** 443562.664, 3769990.465, 0.00, 0.00, 4.19
** 443603.299, 3769952.042, 0.00, 0.00, 4.19
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** 443629.554, 3769929.400, 0.00, 0.00, 4.19
** 443668.092, 3769910.812, 0.00, 0.00, 4.19
** 443675.346, 3769907.638, 0.00, 0.00, 4.19
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   LOCATION L0030354     VOLUME   443438.165 3770102.837 0.0
   LOCATION L0030355     VOLUME   443445.051 3770097.042 0.0
   LOCATION L0030356     VOLUME   443451.938 3770091.248 0.0
   LOCATION L0030357     VOLUME   443458.824 3770085.453 0.0
   LOCATION L0030358     VOLUME   443465.711 3770079.659 0.0
   LOCATION L0030359     VOLUME   443472.597 3770073.864 0.0
   LOCATION L0030360     VOLUME   443479.484 3770068.070 0.0
   LOCATION L0030361     VOLUME   443486.370 3770062.275 0.0
   LOCATION L0030362     VOLUME   443493.257 3770056.481 0.0
   LOCATION L0030363     VOLUME   443500.143 3770050.686 0.0
   LOCATION L0030364     VOLUME   443507.030 3770044.892 0.0
   LOCATION L0030365     VOLUME   443513.876 3770039.054 0.0
   LOCATION L0030366     VOLUME   443520.253 3770032.703 0.0
   LOCATION L0030367     VOLUME   443526.630 3770026.352 0.0
   LOCATION L0030368     VOLUME   443533.007 3770020.001 0.0
   LOCATION L0030369     VOLUME   443539.384 3770013.650 0.0
   LOCATION L0030370     VOLUME   443545.761 3770007.299 0.0
   LOCATION L0030371     VOLUME   443552.138 3770000.948 0.0
   LOCATION L0030372     VOLUME   443558.515 3769994.597 0.0
   LOCATION L0030373     VOLUME   443564.949 3769988.305 0.0
   LOCATION L0030374     VOLUME   443571.488 3769982.121 0.0
   LOCATION L0030375     VOLUME   443578.028 3769975.938 0.0
   LOCATION L0030376     VOLUME   443584.567 3769969.754 0.0
   LOCATION L0030377     VOLUME   443591.107 3769963.571 0.0
   LOCATION L0030378     VOLUME   443597.646 3769957.388 0.0
   LOCATION L0030379     VOLUME   443604.223 3769951.246 0.0
   LOCATION L0030380     VOLUME   443611.039 3769945.368 0.0
   LOCATION L0030381     VOLUME   443617.854 3769939.490 0.0
   LOCATION L0030382     VOLUME   443624.670 3769933.612 0.0
   LOCATION L0030383     VOLUME   443631.851 3769928.292 0.0
   LOCATION L0030384     VOLUME   443639.958 3769924.382 0.0
   LOCATION L0030385     VOLUME   443648.064 3769920.472 0.0
   LOCATION L0030386     VOLUME   443656.170 3769916.562 0.0
   LOCATION L0030387     VOLUME   443664.276 3769912.652 0.0
   LOCATION L0030388     VOLUME   443672.456 3769908.902 0.0
** End of LINE VOLUME Source ID = SLINE4
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC Westbound On Ramp from NB
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.004801
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 10
** 443736.883, 3770048.559, 0.00, 0.00, 4.19
** 443813.192, 3770026.592, 0.00, 0.00, 4.19
** 443844.024, 3770001.541, 0.00, 0.00, 4.19
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** 443859.825, 3769971.865, 0.00, 0.00, 4.19
** 443854.815, 3769946.814, 0.00, 0.00, 4.19
** 443836.701, 3769928.700, 0.00, 0.00, 4.19
** 443818.587, 3769925.617, 0.00, 0.00, 4.19
** 443789.682, 3769934.481, 0.00, 0.00, 4.19
** 443698.342, 3769978.417, 0.00, 0.00, 4.19
** 443603.149, 3770038.154, 0.00, 0.00, 4.19
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   LOCATION L0030389     VOLUME   443741.207 3770047.315 0.0
   LOCATION L0030390     VOLUME   443749.856 3770044.825 0.0
   LOCATION L0030391     VOLUME   443758.504 3770042.335 0.0
   LOCATION L0030392     VOLUME   443767.153 3770039.845 0.0
   LOCATION L0030393     VOLUME   443775.802 3770037.355 0.0
   LOCATION L0030394     VOLUME   443784.451 3770034.866 0.0
   LOCATION L0030395     VOLUME   443793.099 3770032.376 0.0
   LOCATION L0030396     VOLUME   443801.748 3770029.886 0.0
   LOCATION L0030397     VOLUME   443810.397 3770027.396 0.0
   LOCATION L0030398     VOLUME   443817.920 3770022.750 0.0
   LOCATION L0030399     VOLUME   443824.905 3770017.075 0.0
   LOCATION L0030400     VOLUME   443831.890 3770011.400 0.0
   LOCATION L0030401     VOLUME   443838.875 3770005.724 0.0
   LOCATION L0030402     VOLUME   443845.136 3769999.453 0.0
   LOCATION L0030403     VOLUME   443849.366 3769991.509 0.0
   LOCATION L0030404     VOLUME   443853.596 3769983.565 0.0
   LOCATION L0030405     VOLUME   443857.825 3769975.621 0.0
   LOCATION L0030406     VOLUME   443858.895 3769967.212 0.0
   LOCATION L0030407     VOLUME   443857.130 3769958.387 0.0
   LOCATION L0030408     VOLUME   443855.365 3769949.562 0.0
   LOCATION L0030409     VOLUME   443850.433 3769942.431 0.0
   LOCATION L0030410     VOLUME   443844.069 3769936.067 0.0
   LOCATION L0030411     VOLUME   443837.705 3769929.703 0.0
   LOCATION L0030412     VOLUME   443829.228 3769927.428 0.0
   LOCATION L0030413     VOLUME   443820.356 3769925.918 0.0
   LOCATION L0030414     VOLUME   443811.698 3769927.730 0.0
   LOCATION L0030415     VOLUME   443803.093 3769930.368 0.0
   LOCATION L0030416     VOLUME   443794.489 3769933.007 0.0
   LOCATION L0030417     VOLUME   443786.102 3769936.203 0.0
   LOCATION L0030418     VOLUME   443777.992 3769940.104 0.0
   LOCATION L0030419     VOLUME   443769.881 3769944.005 0.0
   LOCATION L0030420     VOLUME   443761.771 3769947.907 0.0
   LOCATION L0030421     VOLUME   443753.660 3769951.808 0.0
   LOCATION L0030422     VOLUME   443745.550 3769955.709 0.0
   LOCATION L0030423     VOLUME   443737.439 3769959.610 0.0
   LOCATION L0030424     VOLUME   443729.329 3769963.512 0.0
   LOCATION L0030425     VOLUME   443721.218 3769967.413 0.0
   LOCATION L0030426     VOLUME   443713.108 3769971.314 0.0
   LOCATION L0030427     VOLUME   443704.997 3769975.215 0.0
   LOCATION L0030428     VOLUME   443696.974 3769979.275 0.0
   LOCATION L0030429     VOLUME   443689.351 3769984.059 0.0
   LOCATION L0030430     VOLUME   443681.728 3769988.843 0.0
   LOCATION L0030431     VOLUME   443674.104 3769993.627 0.0
   LOCATION L0030432     VOLUME   443666.481 3769998.411 0.0
   LOCATION L0030433     VOLUME   443658.858 3770003.194 0.0
   LOCATION L0030434     VOLUME   443651.234 3770007.978 0.0
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   LOCATION L0030435     VOLUME   443643.611 3770012.762 0.0
   LOCATION L0030436     VOLUME   443635.988 3770017.546 0.0
   LOCATION L0030437     VOLUME   443628.364 3770022.330 0.0
   LOCATION L0030438     VOLUME   443620.741 3770027.114 0.0
   LOCATION L0030439     VOLUME   443613.118 3770031.898 0.0
   LOCATION L0030440     VOLUME   443605.495 3770036.681 0.0
** End of LINE VOLUME Source ID = SLINE5
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE6
** DESCRSRC Westbound On Ramp from SB
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.002638
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 10
** 443692.515, 3770116.063, 0.00, 0.00, 4.19
** 443684.392, 3770090.217, 0.00, 0.00, 4.19
** 443677.746, 3770072.494, 0.00, 0.00, 4.19
** 443661.382, 3770055.772, 0.00, 0.00, 4.19
** 443645.962, 3770049.423, 0.00, 0.00, 4.19
** 443625.554, 3770044.434, 0.00, 0.00, 4.19
** 443606.961, 3770047.609, 0.00, 0.00, 4.19
** 443594.262, 3770053.958, 0.00, 0.00, 4.19
** 443576.575, 3770062.121, 0.00, 0.00, 4.19
** 443493.583, 3770111.553, 0.00, 0.00, 4.19
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   LOCATION L0030441     VOLUME   443691.166 3770111.770 0.0
   LOCATION L0030442     VOLUME   443688.468 3770103.184 0.0
   LOCATION L0030443     VOLUME   443685.769 3770094.598 0.0
   LOCATION L0030444     VOLUME   443682.845 3770086.090 0.0
   LOCATION L0030445     VOLUME   443679.685 3770077.663 0.0
   LOCATION L0030446     VOLUME   443675.313 3770070.007 0.0
   LOCATION L0030447     VOLUME   443669.018 3770063.575 0.0
   LOCATION L0030448     VOLUME   443662.723 3770057.142 0.0
   LOCATION L0030449     VOLUME   443654.833 3770053.075 0.0
   LOCATION L0030450     VOLUME   443646.511 3770049.648 0.0
   LOCATION L0030451     VOLUME   443637.796 3770047.426 0.0
   LOCATION L0030452     VOLUME   443629.053 3770045.289 0.0
   LOCATION L0030453     VOLUME   443620.233 3770045.342 0.0
   LOCATION L0030454     VOLUME   443611.362 3770046.857 0.0
   LOCATION L0030455     VOLUME   443602.904 3770049.637 0.0
   LOCATION L0030456     VOLUME   443594.854 3770053.662 0.0
   LOCATION L0030457     VOLUME   443586.692 3770057.452 0.0
   LOCATION L0030458     VOLUME   443578.520 3770061.223 0.0
   LOCATION L0030459     VOLUME   443570.683 3770065.630 0.0
   LOCATION L0030460     VOLUME   443562.951 3770070.236 0.0
   LOCATION L0030461     VOLUME   443555.219 3770074.842 0.0
   LOCATION L0030462     VOLUME   443547.486 3770079.447 0.0
   LOCATION L0030463     VOLUME   443539.754 3770084.053 0.0
   LOCATION L0030464     VOLUME   443532.022 3770088.658 0.0
   LOCATION L0030465     VOLUME   443524.289 3770093.264 0.0
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   LOCATION L0030466     VOLUME   443516.557 3770097.870 0.0
   LOCATION L0030467     VOLUME   443508.825 3770102.475 0.0
   LOCATION L0030468     VOLUME   443501.092 3770107.081 0.0
** End of LINE VOLUME Source ID = SLINE6
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC Westbound Off Ramp
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.00764
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 11
** 444162.465, 3769772.698, 0.00, 0.00, 4.19
** 443973.033, 3769851.672, 0.00, 0.00, 4.19
** 443913.269, 3769887.958, 0.00, 0.00, 4.19
** 443897.794, 3769913.037, 0.00, 0.00, 4.19
** 443881.785, 3769956.793, 0.00, 0.00, 4.19
** 443864.710, 3770002.684, 0.00, 0.00, 4.19
** 443850.836, 3770027.764, 0.00, 0.00, 4.19
** 443833.227, 3770044.306, 0.00, 0.00, 4.19
** 443802.277, 3770055.511, 0.00, 0.00, 4.19
** 443767.059, 3770064.049, 0.00, 0.00, 4.19
** 443730.774, 3770068.318, 0.00, 0.00, 4.19
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   LOCATION L0030469     VOLUME   444158.311 3769774.429 0.0
   LOCATION L0030470     VOLUME   444150.004 3769777.892 0.0
   LOCATION L0030471     VOLUME   444141.697 3769781.356 0.0
   LOCATION L0030472     VOLUME   444133.390 3769784.819 0.0
   LOCATION L0030473     VOLUME   444125.083 3769788.282 0.0
   LOCATION L0030474     VOLUME   444116.776 3769791.745 0.0
   LOCATION L0030475     VOLUME   444108.469 3769795.208 0.0
   LOCATION L0030476     VOLUME   444100.162 3769798.672 0.0
   LOCATION L0030477     VOLUME   444091.855 3769802.135 0.0
   LOCATION L0030478     VOLUME   444083.548 3769805.598 0.0
   LOCATION L0030479     VOLUME   444075.241 3769809.061 0.0
   LOCATION L0030480     VOLUME   444066.934 3769812.524 0.0
   LOCATION L0030481     VOLUME   444058.627 3769815.988 0.0
   LOCATION L0030482     VOLUME   444050.320 3769819.451 0.0
   LOCATION L0030483     VOLUME   444042.013 3769822.914 0.0
   LOCATION L0030484     VOLUME   444033.706 3769826.377 0.0
   LOCATION L0030485     VOLUME   444025.399 3769829.840 0.0
   LOCATION L0030486     VOLUME   444017.092 3769833.304 0.0
   LOCATION L0030487     VOLUME   444008.785 3769836.767 0.0
   LOCATION L0030488     VOLUME   444000.478 3769840.230 0.0
   LOCATION L0030489     VOLUME   443992.171 3769843.693 0.0
   LOCATION L0030490     VOLUME   443983.864 3769847.156 0.0
   LOCATION L0030491     VOLUME   443975.557 3769850.620 0.0
   LOCATION L0030492     VOLUME   443967.678 3769854.923 0.0
   LOCATION L0030493     VOLUME   443959.985 3769859.594 0.0
   LOCATION L0030494     VOLUME   443952.292 3769864.265 0.0
   LOCATION L0030495     VOLUME   443944.598 3769868.936 0.0
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   LOCATION L0030496     VOLUME   443936.905 3769873.607 0.0
   LOCATION L0030497     VOLUME   443929.212 3769878.277 0.0
   LOCATION L0030498     VOLUME   443921.519 3769882.948 0.0
   LOCATION L0030499     VOLUME   443913.826 3769887.619 0.0
   LOCATION L0030500     VOLUME   443908.885 3769895.062 0.0
   LOCATION L0030501     VOLUME   443904.159 3769902.721 0.0
   LOCATION L0030502     VOLUME   443899.433 3769910.380 0.0
   LOCATION L0030503     VOLUME   443895.774 3769918.557 0.0
   LOCATION L0030504     VOLUME   443892.682 3769927.010 0.0
   LOCATION L0030505     VOLUME   443889.590 3769935.462 0.0
   LOCATION L0030506     VOLUME   443886.498 3769943.914 0.0
   LOCATION L0030507     VOLUME   443883.405 3769952.366 0.0
   LOCATION L0030508     VOLUME   443880.291 3769960.810 0.0
   LOCATION L0030509     VOLUME   443877.152 3769969.245 0.0
   LOCATION L0030510     VOLUME   443874.014 3769977.680 0.0
   LOCATION L0030511     VOLUME   443870.875 3769986.115 0.0
   LOCATION L0030512     VOLUME   443867.737 3769994.550 0.0
   LOCATION L0030513     VOLUME   443864.555 3770002.965 0.0
   LOCATION L0030514     VOLUME   443860.198 3770010.840 0.0
   LOCATION L0030515     VOLUME   443855.841 3770018.715 0.0
   LOCATION L0030516     VOLUME   443851.485 3770026.591 0.0
   LOCATION L0030517     VOLUME   443845.253 3770033.008 0.0
   LOCATION L0030518     VOLUME   443838.694 3770039.170 0.0
   LOCATION L0030519     VOLUME   443831.817 3770044.816 0.0
   LOCATION L0030520     VOLUME   443823.355 3770047.880 0.0
   LOCATION L0030521     VOLUME   443814.892 3770050.944 0.0
   LOCATION L0030522     VOLUME   443806.430 3770054.008 0.0
   LOCATION L0030523     VOLUME   443797.823 3770056.591 0.0
   LOCATION L0030524     VOLUME   443789.076 3770058.712 0.0
   LOCATION L0030525     VOLUME   443780.329 3770060.832 0.0
   LOCATION L0030526     VOLUME   443771.583 3770062.953 0.0
   LOCATION L0030527     VOLUME   443762.744 3770064.557 0.0
   LOCATION L0030528     VOLUME   443753.805 3770065.608 0.0
   LOCATION L0030529     VOLUME   443744.867 3770066.660 0.0
   LOCATION L0030530     VOLUME   443735.928 3770067.712 0.0
** End of LINE VOLUME Source ID = SLINE7
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0029991     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0029992     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0029993     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0029994     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0029995     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0029996     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0029997     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0029998     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0029999     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0030000     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0030001     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0030002     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0030003     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0030004     0.0017887343      0.00      8.74      2.72
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   SRCPARAM L0030006     0.0017887343      0.00      8.74      2.72
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SRCPARAM L0030007     0.0017887343      0.00      8.74      2.72
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SRCPARAM L0030010     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030011     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030012     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030013     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030014     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030015     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030016     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030017     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030018     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030019     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030020     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030021     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030022     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030023     0.0017887343      0.00      8.74      2.72
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SRCPARAM L0030026     0.0017887343      0.00      8.74      2.72
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SRCPARAM L0030028     0.0017887343      0.00      8.74      2.72
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SRCPARAM L0030033     0.0017887343      0.00      8.74      2.72
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SRCPARAM L0030036     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030037     0.0017887343      0.00      8.74      2.72
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SRCPARAM L0030042     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030043     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030044     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030045     0.0017887343      0.00      8.74      2.72
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SRCPARAM L0030047     0.0017887343      0.00      8.74      2.72
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SRCPARAM L0030057     0.0017887343      0.00      8.74      2.72
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SRCPARAM L0030059     0.0017887343      0.00      8.74      2.72
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SRCPARAM L0030063     0.0017887343      0.00      8.74      2.72
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SRCPARAM L0030065     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030066     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030067     0.0017887343      0.00      8.74      2.72
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SRCPARAM L0030069     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030070     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030071     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030072     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030073     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030074     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030075     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030076     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030077     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030078     0.0017887343      0.00      8.74      2.72
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SRCPARAM L0030080     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030081     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030082     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030083     0.0017887343      0.00      8.74      2.72
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SRCPARAM L0030085     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030086     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030087     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030088     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030089     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030090     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030091     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030092     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030093     0.0017887343      0.00      8.74      2.72
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SRCPARAM L0030095     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030096     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030097     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030098     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030099     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030100     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030101     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030102     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030103     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030104     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030105     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030106     0.0017887343      0.00      8.74      2.72
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SRCPARAM L0030108     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030109     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030110     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030111     0.0017887343      0.00      8.74      2.72
SRCPARAM L0030112     0.0017887343      0.00      8.74      2.72
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SRCPARAM L0030114     0.0017887343      0.00      8.74      2.72
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   SRCPARAM L0030115     0.0017887343      0.00      8.74      2.72
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   SRCPARAM L0030118     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0030119     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0030120     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0030121     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0030122     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0030123     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0030124     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0030125     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0030126     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0030127     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0030128     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0030129     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0030130     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0030131     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0030132     0.0017887343      0.00      8.74      2.72
   SRCPARAM L0030133     0.0017887343      0.00      8.74      2.72
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   SRCPARAM L0030135     0.0017978794      0.00      8.74      2.72
   SRCPARAM L0030136     0.0017978794      0.00      8.74      2.72
   SRCPARAM L0030137     0.0017978794      0.00      8.74      2.72
   SRCPARAM L0030138     0.0017978794      0.00      8.74      2.72
   SRCPARAM L0030139     0.0017978794      0.00      8.74      2.72
   SRCPARAM L0030140     0.0017978794      0.00      8.74      2.72
   SRCPARAM L0030141     0.0017978794      0.00      8.74      2.72
   SRCPARAM L0030142     0.0017978794      0.00      8.74      2.72
   SRCPARAM L0030143     0.0017978794      0.00      8.74      2.72
   SRCPARAM L0030144     0.0017978794      0.00      8.74      2.72
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   SRCPARAM L0030148     0.0017978794      0.00      8.74      2.72
   SRCPARAM L0030149     0.0017978794      0.00      8.74      2.72
   SRCPARAM L0030150     0.0017978794      0.00      8.74      2.72
   SRCPARAM L0030151     0.0017978794      0.00      8.74      2.72
   SRCPARAM L0030152     0.0017978794      0.00      8.74      2.72
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   SRCPARAM L0030160     0.0017978794      0.00      8.74      2.72
   SRCPARAM L0030161     0.0017978794      0.00      8.74      2.72
   SRCPARAM L0030162     0.0017978794      0.00      8.74      2.72
   SRCPARAM L0030163     0.0017978794      0.00      8.74      2.72
   SRCPARAM L0030164     0.0017978794      0.00      8.74      2.72
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   SRCPARAM L0030166     0.0017978794      0.00      8.74      2.72
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SRCPARAM L0030167     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030168     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030169     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030170     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030171     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030172     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030173     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030174     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030175     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030176     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030177     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030178     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030179     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030180     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030181     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030182     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030183     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030184     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030185     0.0017978794      0.00      8.74      2.72
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SRCPARAM L0030187     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030188     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030189     0.0017978794      0.00      8.74      2.72
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SRCPARAM L0030192     0.0017978794      0.00      8.74      2.72
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SRCPARAM L0030194     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030195     0.0017978794      0.00      8.74      2.72
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SRCPARAM L0030198     0.0017978794      0.00      8.74      2.72
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SRCPARAM L0030202     0.0017978794      0.00      8.74      2.72
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SRCPARAM L0030205     0.0017978794      0.00      8.74      2.72
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SRCPARAM L0030207     0.0017978794      0.00      8.74      2.72
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SRCPARAM L0030213     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030214     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030215     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030216     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030217     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030218     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030219     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030220     0.0017978794      0.00      8.74      2.72
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SRCPARAM L0030223     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030224     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030225     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030226     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030227     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030228     0.0017978794      0.00      8.74      2.72
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SRCPARAM L0030231     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030232     0.0017978794      0.00      8.74      2.72
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SRCPARAM L0030238     0.0017978794      0.00      8.74      2.72
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SRCPARAM L0030240     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030241     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030242     0.0017978794      0.00      8.74      2.72
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SRCPARAM L0030246     0.0017978794      0.00      8.74      2.72
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SRCPARAM L0030253     0.0017978794      0.00      8.74      2.72
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SRCPARAM L0030256     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030257     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030258     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030259     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030260     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030261     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030262     0.0017978794      0.00      8.74      2.72
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SRCPARAM L0030265     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030266     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030267     0.0017978794      0.00      8.74      2.72
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SRCPARAM L0030269     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030270     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030271     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030272     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030273     0.0017978794      0.00      8.74      2.72
SRCPARAM L0030274     0.0017978794      0.00      8.74      2.72
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   SRCPARAM L0030277     0.0001107848      0.00      4.19      2.38
   SRCPARAM L0030278     0.0001107848      0.00      4.19      2.38
   SRCPARAM L0030279     0.0001107848      0.00      4.19      2.38
   SRCPARAM L0030280     0.0001107848      0.00      4.19      2.38
   SRCPARAM L0030281     0.0001107848      0.00      4.19      2.38
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   SRCPARAM L0030323     0.0001107848      0.00      4.19      2.38
   SRCPARAM L0030324     0.0001107848      0.00      4.19      2.38
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   SRCPARAM L0030331     0.0001107848      0.00      4.19      2.38
   SRCPARAM L0030332     0.0001107848      0.00      4.19      2.38
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   SRCPARAM L0030341     0.0001107848      0.00      4.19      2.38
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   SRCPARAM L0030352     0.0001107848      0.00      4.19      2.38
   SRCPARAM L0030353     0.0001107848      0.00      4.19      2.38
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   SRCPARAM L0030355     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030356     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030357     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030358     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030359     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030360     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030361     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030362     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030363     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030364     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030365     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030366     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030367     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030368     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030369     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030370     0.0001037714      0.00      4.19      2.38
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   SRCPARAM L0030373     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030374     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030375     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030376     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030377     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030378     0.0001037714      0.00      4.19      2.38
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   SRCPARAM L0030379     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030380     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030381     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030382     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030383     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030384     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030385     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030386     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030387     0.0001037714      0.00      4.19      2.38
   SRCPARAM L0030388     0.0001037714      0.00      4.19      2.38
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** LINE VOLUME Source ID = SLINE5
   SRCPARAM L0030389     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030390     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030391     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030392     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030393     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030394     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030395     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030396     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030397     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030398     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030399     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030400     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030401     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030402     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030403     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030404     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030405     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030406     0.0000923269      0.00      4.19      2.38
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   SRCPARAM L0030408     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030409     0.0000923269      0.00      4.19      2.38
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   SRCPARAM L0030411     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030412     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030413     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030414     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030415     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030416     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030417     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030418     0.0000923269      0.00      4.19      2.38
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   SRCPARAM L0030430     0.0000923269      0.00      4.19      2.38
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   SRCPARAM L0030431     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030432     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030433     0.0000923269      0.00      4.19      2.38
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   SRCPARAM L0030436     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030437     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030438     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030439     0.0000923269      0.00      4.19      2.38
   SRCPARAM L0030440     0.0000923269      0.00      4.19      2.38
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** LINE VOLUME Source ID = SLINE6
   SRCPARAM L0030441     0.0000942143      0.00      4.19      2.38
   SRCPARAM L0030442     0.0000942143      0.00      4.19      2.38
   SRCPARAM L0030443     0.0000942143      0.00      4.19      2.38
   SRCPARAM L0030444     0.0000942143      0.00      4.19      2.38
   SRCPARAM L0030445     0.0000942143      0.00      4.19      2.38
   SRCPARAM L0030446     0.0000942143      0.00      4.19      2.38
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   SRCPARAM L0030461     0.0000942143      0.00      4.19      2.38
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   SRCPARAM L0030466     0.0000942143      0.00      4.19      2.38
   SRCPARAM L0030467     0.0000942143      0.00      4.19      2.38
   SRCPARAM L0030468     0.0000942143      0.00      4.19      2.38
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** LINE VOLUME Source ID = SLINE7
   SRCPARAM L0030469     0.0001232258      0.00      4.19      2.38
   SRCPARAM L0030470     0.0001232258      0.00      4.19      2.38
   SRCPARAM L0030471     0.0001232258      0.00      4.19      2.38
   SRCPARAM L0030472     0.0001232258      0.00      4.19      2.38
   SRCPARAM L0030473     0.0001232258      0.00      4.19      2.38
   SRCPARAM L0030474     0.0001232258      0.00      4.19      2.38
   SRCPARAM L0030475     0.0001232258      0.00      4.19      2.38
   SRCPARAM L0030476     0.0001232258      0.00      4.19      2.38
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   SRCPARAM L0030478     0.0001232258      0.00      4.19      2.38
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   SRCPARAM L0030484     0.0001232258      0.00      4.19      2.38
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   SRCPARAM L0030530     0.0001232258      0.00      4.19      2.38
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   PARTDENS L0030527 2.3 2.3 2.3
   PARTDENS L0030528 2.3 2.3 2.3
   PARTDENS L0030529 2.3 2.3 2.3
   PARTDENS L0030530 2.3 2.3 2.3
   SRCGROUP ALL
SO FINISHED
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**
**************************************
** AERMOD Receptor Pathway
**************************************
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RE STARTING
** DESCRREC "UCART1" "Receptors generated from Uniform Cartesian Grid"
   DISCCART    444781.98   3769929.39
   DISCCART    444818.37   3769929.39
   DISCCART    444854.76   3769929.39
   DISCCART    444891.15   3769929.39
   DISCCART    444927.54   3769929.39
   DISCCART    444963.93   3769929.39
   DISCCART    445000.32   3769929.39
   DISCCART    445036.71   3769929.39
   DISCCART    445073.10   3769929.39
   DISCCART    445109.49   3769929.39
   DISCCART    445145.88   3769929.39
   DISCCART    445182.27   3769929.39
   DISCCART    444781.98   3769940.96
   DISCCART    444818.37   3769940.96
   DISCCART    444854.76   3769940.96
   DISCCART    444891.15   3769940.96
   DISCCART    444927.54   3769940.96
   DISCCART    444963.93   3769940.96
   DISCCART    445000.32   3769940.96
   DISCCART    445036.71   3769940.96
   DISCCART    445073.10   3769940.96
   DISCCART    445109.49   3769940.96
   DISCCART    445145.88   3769940.96
   DISCCART    445182.27   3769940.96
   DISCCART    444781.98   3769952.53
   DISCCART    444818.37   3769952.53
   DISCCART    444854.76   3769952.53
   DISCCART    444891.15   3769952.53
   DISCCART    444927.54   3769952.53
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   DISCCART    445036.71   3769952.53
   DISCCART    445073.10   3769952.53
   DISCCART    445109.49   3769952.53
   DISCCART    445145.88   3769952.53
   DISCCART    445182.27   3769952.53
   DISCCART    444781.98   3769964.10
   DISCCART    444818.37   3769964.10
   DISCCART    444854.76   3769964.10
   DISCCART    444891.15   3769964.10
   DISCCART    444927.54   3769964.10
   DISCCART    444963.93   3769964.10
   DISCCART    445000.32   3769964.10
   DISCCART    445036.71   3769964.10
   DISCCART    445073.10   3769964.10
   DISCCART    445109.49   3769964.10
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DISCCART	445145.88	3769964.10
DISCCART	445182.27	3769964.10
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DISCCART	444963.93	3769975.67
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DISCCART	445036.71	3769975.67
DISCCART	445073.10	3769975.67
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DISCCART	445182.27	3769975.67
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DISCCART	444818.37	3769998.81
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DISCCART	444891.15	3769998.81
DISCCART	444927.54	3769998.81
DISCCART	444963.93	3769998.81
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DISCCART	445145.88	3769998.81
DISCCART	445182.27	3769998.81
DISCCART	445218.66	3769998.81
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DISCCART	444927.54	3770010.38
DISCCART	444963.93	3770010.38
DISCCART	445000.32	3770010.38
DISCCART	445036.71	3770010.38
DISCCART	445073.10	3770010.38
DISCCART	445109.49	3770010.38
DISCCART	445145.88	3770010.38
DISCCART	445182.27	3770010.38

DISCCART	445218.66	3770010.38
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DISCCART	444818.37	3770021.95
DISCCART	444854.76	3770021.95
DISCCART	444891.15	3770021.95
DISCCART	444927.54	3770021.95
DISCCART	444963.93	3770021.95
DISCCART	445000.32	3770021.95
DISCCART	445036.71	3770021.95
DISCCART	445073.10	3770021.95
DISCCART	445109.49	3770021.95
DISCCART	445145.88	3770021.95
DISCCART	445182.27	3770021.95
DISCCART	445218.66	3770021.95
DISCCART	444781.98	3770033.52
DISCCART	444818.37	3770033.52
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DISCCART	444891.15	3770033.52
DISCCART	444927.54	3770033.52
DISCCART	444963.93	3770033.52
DISCCART	445000.32	3770033.52
DISCCART	445036.71	3770033.52
DISCCART	445073.10	3770033.52
DISCCART	445109.49	3770033.52
DISCCART	445145.88	3770033.52
DISCCART	445182.27	3770033.52
DISCCART	445218.66	3770033.52
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DISCCART	444781.98	3770045.09
DISCCART	444818.37	3770045.09
DISCCART	444854.76	3770045.09
DISCCART	444891.15	3770045.09
DISCCART	444927.54	3770045.09
DISCCART	444963.93	3770045.09
DISCCART	445000.32	3770045.09
DISCCART	445036.71	3770045.09
DISCCART	445073.10	3770045.09
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DISCCART	444927.54	3770056.66
DISCCART	444963.93	3770056.66
DISCCART	445000.32	3770056.66
DISCCART	445036.71	3770056.66
DISCCART	445073.10	3770056.66
DISCCART	445109.49	3770056.66
DISCCART	445145.88	3770056.66
DISCCART	445182.27	3770056.66
DISCCART	445218.66	3770056.66

DISCCART	445255.05	3770056.66
DISCCART	444818.37	3770068.23
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DISCCART	444963.93	3770068.23
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DISCCART	445145.88	3770068.23
DISCCART	445182.27	3770068.23
DISCCART	445218.66	3770068.23
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DISCCART	445073.10	3770079.80
DISCCART	445109.49	3770079.80
DISCCART	445145.88	3770079.80
DISCCART	445182.27	3770079.80
DISCCART	445218.66	3770079.80
DISCCART	445255.05	3770079.80
DISCCART	444818.37	3770091.37
DISCCART	444854.76	3770091.37
DISCCART	444891.15	3770091.37
DISCCART	444927.54	3770091.37
DISCCART	444963.93	3770091.37
DISCCART	445000.32	3770091.37
DISCCART	445036.71	3770091.37
DISCCART	445073.10	3770091.37
DISCCART	445109.49	3770091.37
DISCCART	445145.88	3770091.37
DISCCART	445182.27	3770091.37
DISCCART	445218.66	3770091.37
DISCCART	445255.05	3770091.37
DISCCART	444818.37	3770102.94
DISCCART	444854.76	3770102.94
DISCCART	444891.15	3770102.94
DISCCART	444927.54	3770102.94
DISCCART	444963.93	3770102.94
DISCCART	445000.32	3770102.94
DISCCART	445036.71	3770102.94
DISCCART	445073.10	3770102.94
DISCCART	445109.49	3770102.94
DISCCART	445145.88	3770102.94
DISCCART	445182.27	3770102.94
DISCCART	445218.66	3770102.94
DISCCART	445255.05	3770102.94
DISCCART	444818.37	3770114.51

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   DISCCART    444854.76   3770114.51
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   DISCCART    444927.54   3770114.51
   DISCCART    444963.93   3770114.51
   DISCCART    445000.32   3770112.15
   DISCCART    445036.71   3770112.15
   DISCCART    445073.10   3770111.76
   DISCCART    445109.49   3770111.28
   DISCCART    445145.88   3770110.81
   DISCCART    445182.73   3770110.35
   DISCCART    445217.74   3770109.89
   DISCCART    445271.22   3770102.96
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE poma6.SFC
   PROFFILE poma6.PFL
   SURFDATA 3190 2005
   UAIRDATA 3190 2005
   SITEDATA 99999 2005
   PROFBASE 270.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST PM10.AD\24H1GALL.PLT 31
   PLOTFILE ANNUAL ALL PM10.AD\AN00GALL.PLT 32
   SUMMFILE PM10.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 W396    3157       MEOPEN: Met data from outdated version of AERMET,
version:        12345
 ME W531    3157       MEOPEN: CAUTION! Met Station ID Missing from
SURFFILE for      SURFDATA

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************
```

**MODELOPTs: NonDFAULT CONC   FLAT   FASTALL   DRYDPLT   WETDPLT

*** MODEL SETUP OPTIONS SUMMARY ***

- -

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

-- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**PARTICLE DEPOSITION Data Provided.
**Model Uses DRY DEPLETION.   DDPLETE = T
**Model Uses WET DEPLETION.   WETDPLT = T

**Model Uses URBAN Dispersion Algorithm for the SBL for   540 Source(s),
for Total of   1 Urban Area(s):
Urban Population =   2015355.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:
1. Stack-tip Downwash.
2. Model Assumes Receptors on FLAT Terrain.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:
FASTALL - Use effective sigma-y to optimize meander for
POINT and VOLUME sources, and hybrid approach
to optimize AREA sources (formerly TOXICS option)

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: PM_10

**Model Calculates 1 Short Term Average(s) of: 24-HR
and Calculates ANNUAL Averages

**This Run Includes: 540 Source(s);   1 Source Group(s); and 220 Receptor(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 12345

**Output Options Selected:
Model Outputs Tables of ANNUAL 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) =   270.00 ;
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 =      3.8 MB of RAM.

 **File for Summary of Results:   PM10.sum
```

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0029991	3	0.17887E-02	445440.0	3769597.4	270.0	0.00	8.74	2.72	YES
L0029992	3	0.17887E-02	445421.2	3769597.7	270.0	0.00	8.74	2.72	YES
L0029993	3	0.17887E-02	445402.5	3769598.0	270.0	0.00	8.74	2.72	YES
L0029994	3	0.17887E-02	445383.7	3769598.2	270.0	0.00	8.74	2.72	YES
L0029995	3	0.17887E-02	445364.9	3769598.5	270.0	0.00	8.74	2.72	YES
L0029996	3	0.17887E-02	445346.1	3769598.8	270.0	0.00	8.74	2.72	YES
L0029997	3	0.17887E-02	445327.3	3769599.1	270.0	0.00	8.74	2.72	YES
L0029998	3	0.17887E-02	445308.5	3769599.3	270.0	0.00	8.74	2.72	YES
L0029999	3	0.17887E-02	445289.7	3769599.6	270.0	0.00	8.74	2.72	YES
L0030000	3	0.17887E-02	445270.9	3769599.9	270.0	0.00	8.74	2.72	YES
L0030001	3	0.17887E-02	445252.1	3769600.1	270.0	0.00	8.74	2.72	YES
L0030002	3	0.17887E-02	445233.3	3769600.4	270.0	0.00	8.74	2.72	YES
L0030003	3	0.17887E-02	445214.5	3769600.7	270.0	0.00	8.74	2.72	YES
L0030004	3	0.17887E-02	445195.7	3769600.9	270.0	0.00	8.74	2.72	YES
L0030005	3	0.17887E-02	445176.9	3769601.2	270.0	0.00	8.74	2.72	YES
L0030006	3	0.17887E-02	445158.1	3769601.5	270.0	0.00	8.74	2.72	YES

L0030007		3	0.17887E-02	445139.3	3769601.8	270.0	0.00	
8.74	2.72	YES						
L0030008		3	0.17887E-02	445120.5	3769602.0	270.0	0.00	
8.74	2.72	YES						
L0030009		3	0.17887E-02	445101.7	3769602.3	270.0	0.00	
8.74	2.72	YES						
L0030010		3	0.17887E-02	445082.9	3769602.6	270.0	0.00	
8.74	2.72	YES						
L0030011		3	0.17887E-02	445064.1	3769602.8	270.0	0.00	
8.74	2.72	YES						
L0030012		3	0.17887E-02	445045.3	3769603.1	270.0	0.00	
8.74	2.72	YES						
L0030013		3	0.17887E-02	445026.5	3769603.4	270.0	0.00	
8.74	2.72	YES						
L0030014		3	0.17887E-02	445007.7	3769603.6	270.0	0.00	
8.74	2.72	YES						
L0030015		3	0.17887E-02	444988.9	3769603.9	270.0	0.00	
8.74	2.72	YES						
L0030016		3	0.17887E-02	444970.1	3769604.2	270.0	0.00	
8.74	2.72	YES						
L0030017		3	0.17887E-02	444951.3	3769604.5	270.0	0.00	
8.74	2.72	YES						
L0030018		3	0.17887E-02	444932.5	3769604.7	270.0	0.00	
8.74	2.72	YES						
L0030019		3	0.17887E-02	444913.7	3769605.0	270.0	0.00	
8.74	2.72	YES						
L0030020		3	0.17887E-02	444894.9	3769605.3	270.0	0.00	
8.74	2.72	YES						
L0030021		3	0.17887E-02	444876.1	3769605.5	270.0	0.00	
8.74	2.72	YES						
L0030022		3	0.17887E-02	444857.3	3769605.8	270.0	0.00	
8.74	2.72	YES						
L0030023		3	0.17887E-02	444838.5	3769606.1	270.0	0.00	
8.74	2.72	YES						
L0030024		3	0.17887E-02	444819.7	3769606.6	270.0	0.00	
8.74	2.72	YES						
L0030025		3	0.17887E-02	444800.9	3769607.2	270.0	0.00	
8.74	2.72	YES						
L0030026		3	0.17887E-02	444782.1	3769607.7	270.0	0.00	
8.74	2.72	YES						
L0030027		3	0.17887E-02	444763.3	3769608.2	270.0	0.00	
8.74	2.72	YES						
L0030028		3	0.17887E-02	444744.6	3769609.2	270.0	0.00	
8.74	2.72	YES						
L0030029		3	0.17887E-02	444725.9	3769611.1	270.0	0.00	
8.74	2.72	YES						
L0030030		3	0.17887E-02	444707.2	3769613.1	270.0	0.00	
8.74	2.72	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030031	3	0.17887E-02	444688.5	3769615.0	270.0	0.00	8.74	2.72	YES
L0030032	3	0.17887E-02	444669.8	3769617.0	270.0	0.00	8.74	2.72	YES
L0030033	3	0.17887E-02	444651.1	3769618.9	270.0	0.00	8.74	2.72	YES
L0030034	3	0.17887E-02	444632.4	3769621.1	270.0	0.00	8.74	2.72	YES
L0030035	3	0.17887E-02	444613.8	3769623.7	270.0	0.00	8.74	2.72	YES
L0030036	3	0.17887E-02	444595.2	3769626.3	270.0	0.00	8.74	2.72	YES
L0030037	3	0.17887E-02	444576.6	3769628.9	270.0	0.00	8.74	2.72	YES
L0030038	3	0.17887E-02	444557.9	3769631.5	270.0	0.00	8.74	2.72	YES
L0030039	3	0.17887E-02	444539.3	3769634.1	270.0	0.00	8.74	2.72	YES
L0030040	3	0.17887E-02	444520.7	3769637.0	270.0	0.00	8.74	2.72	YES
L0030041	3	0.17887E-02	444502.2	3769640.0	270.0	0.00	8.74	2.72	YES
L0030042	3	0.17887E-02	444483.6	3769643.0	270.0	0.00	8.74	2.72	YES
L0030043	3	0.17887E-02	444465.1	3769646.0	270.0	0.00	8.74	2.72	YES
L0030044	3	0.17887E-02	444446.5	3769649.1	270.0	0.00	8.74	2.72	YES
L0030045	3	0.17887E-02	444428.0	3769652.1	270.0	0.00	8.74	2.72	YES
L0030046	3	0.17887E-02	444409.5	3769655.4	270.0	0.00	8.74	2.72	YES

L0030047		3	0.17887E-02	444391.2	3769659.9	270.0	0.00
8.74	2.72	YES					
L0030048		3	0.17887E-02	444373.0	3769664.4	270.0	0.00
8.74	2.72	YES					
L0030049		3	0.17887E-02	444354.7	3769669.0	270.0	0.00
8.74	2.72	YES					
L0030050		3	0.17887E-02	444336.5	3769673.5	270.0	0.00
8.74	2.72	YES					
L0030051		3	0.17887E-02	444318.2	3769678.0	270.0	0.00
8.74	2.72	YES					
L0030052		3	0.17887E-02	444300.0	3769682.5	270.0	0.00
8.74	2.72	YES					
L0030053		3	0.17887E-02	444281.7	3769687.1	270.0	0.00
8.74	2.72	YES					
L0030054		3	0.17887E-02	444263.5	3769691.6	270.0	0.00
8.74	2.72	YES					
L0030055		3	0.17887E-02	444245.2	3769696.1	270.0	0.00
8.74	2.72	YES					
L0030056		3	0.17887E-02	444227.4	3769702.0	270.0	0.00
8.74	2.72	YES					
L0030057		3	0.17887E-02	444209.6	3769708.1	270.0	0.00
8.74	2.72	YES					
L0030058		3	0.17887E-02	444191.8	3769714.2	270.0	0.00
8.74	2.72	YES					
L0030059		3	0.17887E-02	444174.0	3769720.3	270.0	0.00
8.74	2.72	YES					
L0030060		3	0.17887E-02	444156.2	3769726.4	270.0	0.00
8.74	2.72	YES					
L0030061		3	0.17887E-02	444138.5	3769732.4	270.0	0.00
8.74	2.72	YES					
L0030062		3	0.17887E-02	444120.7	3769738.5	270.0	0.00
8.74	2.72	YES					
L0030063		3	0.17887E-02	444102.9	3769744.6	270.0	0.00
8.74	2.72	YES					
L0030064		3	0.17887E-02	444085.1	3769750.7	270.0	0.00
8.74	2.72	YES					
L0030065		3	0.17887E-02	444067.3	3769756.8	270.0	0.00
8.74	2.72	YES					
L0030066		3	0.17887E-02	444049.5	3769762.9	270.0	0.00
8.74	2.72	YES					
L0030067		3	0.17887E-02	444032.2	3769770.2	270.0	0.00
8.74	2.72	YES					
L0030068		3	0.17887E-02	444014.9	3769777.5	270.0	0.00
8.74	2.72	YES					
L0030069		3	0.17887E-02	443997.6	3769784.9	270.0	0.00
8.74	2.72	YES					
L0030070		3	0.17887E-02	443980.3	3769792.2	270.0	0.00
8.74	2.72	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030071	3	0.17887E-02	443963.0	3769799.5	270.0	0.00	8.74	2.72	YES
L0030072	3	0.17887E-02	443945.7	3769806.9	270.0	0.00	8.74	2.72	YES
L0030073	3	0.17887E-02	443928.3	3769814.2	270.0	0.00	8.74	2.72	YES
L0030074	3	0.17887E-02	443911.4	3769822.3	270.0	0.00	8.74	2.72	YES
L0030075	3	0.17887E-02	443894.6	3769830.8	270.0	0.00	8.74	2.72	YES
L0030076	3	0.17887E-02	443877.9	3769839.4	270.0	0.00	8.74	2.72	YES
L0030077	3	0.17887E-02	443861.1	3769847.9	270.0	0.00	8.74	2.72	YES
L0030078	3	0.17887E-02	443844.4	3769856.4	270.0	0.00	8.74	2.72	YES
L0030079	3	0.17887E-02	443827.6	3769864.9	270.0	0.00	8.74	2.72	YES
L0030080	3	0.17887E-02	443810.9	3769873.5	270.0	0.00	8.74	2.72	YES
L0030081	3	0.17887E-02	443794.1	3769882.0	270.0	0.00	8.74	2.72	YES
L0030082	3	0.17887E-02	443777.7	3769891.1	270.0	0.00	8.74	2.72	YES
L0030083	3	0.17887E-02	443761.6	3769900.9	270.0	0.00	8.74	2.72	YES
L0030084	3	0.17887E-02	443745.6	3769910.7	270.0	0.00	8.74	2.72	YES
L0030085	3	0.17887E-02	443729.5	3769920.4	270.0	0.00	8.74	2.72	YES
L0030086	3	0.17887E-02	443713.4	3769930.2	270.0	0.00	8.74	2.72	YES

L0030087		3	0.17887E-02	443697.4	3769940.0	270.0	0.00	
8.74	2.72	YES						
L0030088		3	0.17887E-02	443681.3	3769949.8	270.0	0.00	
8.74	2.72	YES						
L0030089		3	0.17887E-02	443665.3	3769959.6	270.0	0.00	
8.74	2.72	YES						
L0030090		3	0.17887E-02	443649.2	3769969.4	270.0	0.00	
8.74	2.72	YES						
L0030091		3	0.17887E-02	443633.2	3769979.1	270.0	0.00	
8.74	2.72	YES						
L0030092		3	0.17887E-02	443617.4	3769989.3	270.0	0.00	
8.74	2.72	YES						
L0030093		3	0.17887E-02	443601.9	3770000.0	270.0	0.00	
8.74	2.72	YES						
L0030094		3	0.17887E-02	443586.4	3770010.6	270.0	0.00	
8.74	2.72	YES						
L0030095		3	0.17887E-02	443570.9	3770021.3	270.0	0.00	
8.74	2.72	YES						
L0030096		3	0.17887E-02	443555.5	3770032.0	270.0	0.00	
8.74	2.72	YES						
L0030097		3	0.17887E-02	443540.0	3770042.7	270.0	0.00	
8.74	2.72	YES						
L0030098		3	0.17887E-02	443524.5	3770053.3	270.0	0.00	
8.74	2.72	YES						
L0030099		3	0.17887E-02	443509.0	3770064.0	270.0	0.00	
8.74	2.72	YES						
L0030100		3	0.17887E-02	443493.6	3770074.7	270.0	0.00	
8.74	2.72	YES						
L0030101		3	0.17887E-02	443478.1	3770085.4	270.0	0.00	
8.74	2.72	YES						
L0030102		3	0.17887E-02	443462.6	3770096.0	270.0	0.00	
8.74	2.72	YES						
L0030103		3	0.17887E-02	443447.1	3770106.7	270.0	0.00	
8.74	2.72	YES						
L0030104		3	0.17887E-02	443431.7	3770117.4	270.0	0.00	
8.74	2.72	YES						
L0030105		3	0.17887E-02	443416.3	3770128.2	270.0	0.00	
8.74	2.72	YES						
L0030106		3	0.17887E-02	443400.9	3770139.0	270.0	0.00	
8.74	2.72	YES						
L0030107		3	0.17887E-02	443385.5	3770149.8	270.0	0.00	
8.74	2.72	YES						
L0030108		3	0.17887E-02	443370.1	3770160.5	270.0	0.00	
8.74	2.72	YES						
L0030109		3	0.17887E-02	443354.7	3770171.3	270.0	0.00	
8.74	2.72	YES						
L0030110		3	0.17887E-02	443339.3	3770182.1	270.0	0.00	
8.74	2.72	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030111	3	0.17887E-02	443323.9	3770192.9	270.0	0.00	8.74	2.72	YES
L0030112	3	0.17887E-02	443308.5	3770203.7	270.0	0.00	8.74	2.72	YES
L0030113	3	0.17887E-02	443293.1	3770214.5	270.0	0.00	8.74	2.72	YES
L0030114	3	0.17887E-02	443277.7	3770225.2	270.0	0.00	8.74	2.72	YES
L0030115	3	0.17887E-02	443262.3	3770236.0	270.0	0.00	8.74	2.72	YES
L0030116	3	0.17887E-02	443246.9	3770246.8	270.0	0.00	8.74	2.72	YES
L0030117	3	0.17887E-02	443231.5	3770257.6	270.0	0.00	8.74	2.72	YES
L0030118	3	0.17887E-02	443216.1	3770268.4	270.0	0.00	8.74	2.72	YES
L0030119	3	0.17887E-02	443200.7	3770279.1	270.0	0.00	8.74	2.72	YES
L0030120	3	0.17887E-02	443185.3	3770289.9	270.0	0.00	8.74	2.72	YES
L0030121	3	0.17887E-02	443169.9	3770300.7	270.0	0.00	8.74	2.72	YES
L0030122	3	0.17887E-02	443154.5	3770311.5	270.0	0.00	8.74	2.72	YES
L0030123	3	0.17887E-02	443139.0	3770322.3	270.0	0.00	8.74	2.72	YES
L0030124	3	0.17887E-02	443123.6	3770333.0	270.0	0.00	8.74	2.72	YES
L0030125	3	0.17887E-02	443108.2	3770343.8	270.0	0.00	8.74	2.72	YES
L0030126	3	0.17887E-02	443092.8	3770354.6	270.0	0.00	8.74	2.72	YES

L0030127		3	0.17887E-02	443077.4	3770365.4	270.0	0.00
8.74	2.72	YES					
L0030128		3	0.17887E-02	443062.0	3770376.2	270.0	0.00
8.74	2.72	YES					
L0030129		3	0.17887E-02	443046.6	3770386.9	270.0	0.00
8.74	2.72	YES					
L0030130		3	0.17887E-02	443031.2	3770397.7	270.0	0.00
8.74	2.72	YES					
L0030131		3	0.17887E-02	443015.8	3770408.5	270.0	0.00
8.74	2.72	YES					
L0030132		3	0.17887E-02	443000.4	3770419.3	270.0	0.00
8.74	2.72	YES					
L0030133		3	0.17887E-02	442985.0	3770430.1	270.0	0.00
8.74	2.72	YES					
L0030134		3	0.17979E-02	443012.0	3770445.2	270.0	0.00
8.74	2.72	YES					
L0030135		3	0.17979E-02	443027.3	3770434.2	270.0	0.00
8.74	2.72	YES					
L0030136		3	0.17979E-02	443042.6	3770423.3	270.0	0.00
8.74	2.72	YES					
L0030137		3	0.17979E-02	443057.9	3770412.4	270.0	0.00
8.74	2.72	YES					
L0030138		3	0.17979E-02	443073.2	3770401.4	270.0	0.00
8.74	2.72	YES					
L0030139		3	0.17979E-02	443088.4	3770390.5	270.0	0.00
8.74	2.72	YES					
L0030140		3	0.17979E-02	443103.7	3770379.5	270.0	0.00
8.74	2.72	YES					
L0030141		3	0.17979E-02	443119.0	3770368.6	270.0	0.00
8.74	2.72	YES					
L0030142		3	0.17979E-02	443134.3	3770357.6	270.0	0.00
8.74	2.72	YES					
L0030143		3	0.17979E-02	443149.6	3770346.7	270.0	0.00
8.74	2.72	YES					
L0030144		3	0.17979E-02	443164.9	3770335.7	270.0	0.00
8.74	2.72	YES					
L0030145		3	0.17979E-02	443180.1	3770324.8	270.0	0.00
8.74	2.72	YES					
L0030146		3	0.17979E-02	443195.5	3770313.9	270.0	0.00
8.74	2.72	YES					
L0030147		3	0.17979E-02	443210.9	3770303.1	270.0	0.00
8.74	2.72	YES					
L0030148		3	0.17979E-02	443226.2	3770292.3	270.0	0.00
8.74	2.72	YES					
L0030149		3	0.17979E-02	443241.6	3770281.4	270.0	0.00
8.74	2.72	YES					
L0030150		3	0.17979E-02	443257.0	3770270.6	270.0	0.00
8.74	2.72	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030151	3	0.17979E-02	443272.3	3770259.8	270.0	0.00	8.74	2.72	YES
L0030152	3	0.17979E-02	443287.7	3770248.9	270.0	0.00	8.74	2.72	YES
L0030153	3	0.17979E-02	443303.0	3770238.0	270.0	0.00	8.74	2.72	YES
L0030154	3	0.17979E-02	443318.2	3770226.9	270.0	0.00	8.74	2.72	YES
L0030155	3	0.17979E-02	443333.3	3770215.8	270.0	0.00	8.74	2.72	YES
L0030156	3	0.17979E-02	443348.5	3770204.7	270.0	0.00	8.74	2.72	YES
L0030157	3	0.17979E-02	443363.7	3770193.6	270.0	0.00	8.74	2.72	YES
L0030158	3	0.17979E-02	443378.9	3770182.5	270.0	0.00	8.74	2.72	YES
L0030159	3	0.17979E-02	443394.0	3770171.4	270.0	0.00	8.74	2.72	YES
L0030160	3	0.17979E-02	443409.2	3770160.3	270.0	0.00	8.74	2.72	YES
L0030161	3	0.17979E-02	443424.4	3770149.2	270.0	0.00	8.74	2.72	YES
L0030162	3	0.17979E-02	443439.6	3770138.1	270.0	0.00	8.74	2.72	YES
L0030163	3	0.17979E-02	443454.8	3770127.0	270.0	0.00	8.74	2.72	YES
L0030164	3	0.17979E-02	443469.9	3770115.9	270.0	0.00	8.74	2.72	YES
L0030165	3	0.17979E-02	443485.1	3770104.8	270.0	0.00	8.74	2.72	YES
L0030166	3	0.17979E-02	443500.3	3770093.8	270.0	0.00	8.74	2.72	YES

L0030167		3	0.17979E-02	443515.5	3770082.7	270.0	0.00	
8.74	2.72	YES						
L0030168		3	0.17979E-02	443530.6	3770071.6	270.0	0.00	
8.74	2.72	YES						
L0030169		3	0.17979E-02	443545.8	3770060.5	270.0	0.00	
8.74	2.72	YES						
L0030170		3	0.17979E-02	443561.0	3770049.4	270.0	0.00	
8.74	2.72	YES						
L0030171		3	0.17979E-02	443576.2	3770038.3	270.0	0.00	
8.74	2.72	YES						
L0030172		3	0.17979E-02	443591.3	3770027.2	270.0	0.00	
8.74	2.72	YES						
L0030173		3	0.17979E-02	443606.5	3770016.1	270.0	0.00	
8.74	2.72	YES						
L0030174		3	0.17979E-02	443621.7	3770005.0	270.0	0.00	
8.74	2.72	YES						
L0030175		3	0.17979E-02	443637.1	3769994.2	270.0	0.00	
8.74	2.72	YES						
L0030176		3	0.17979E-02	443653.3	3769984.7	270.0	0.00	
8.74	2.72	YES						
L0030177		3	0.17979E-02	443669.5	3769975.2	270.0	0.00	
8.74	2.72	YES						
L0030178		3	0.17979E-02	443685.7	3769965.7	270.0	0.00	
8.74	2.72	YES						
L0030179		3	0.17979E-02	443701.9	3769956.1	270.0	0.00	
8.74	2.72	YES						
L0030180		3	0.17979E-02	443718.1	3769946.6	270.0	0.00	
8.74	2.72	YES						
L0030181		3	0.17979E-02	443734.4	3769937.3	270.0	0.00	
8.74	2.72	YES						
L0030182		3	0.17979E-02	443750.8	3769928.0	270.0	0.00	
8.74	2.72	YES						
L0030183		3	0.17979E-02	443767.2	3769918.8	270.0	0.00	
8.74	2.72	YES						
L0030184		3	0.17979E-02	443783.5	3769909.5	270.0	0.00	
8.74	2.72	YES						
L0030185		3	0.17979E-02	443799.9	3769900.2	270.0	0.00	
8.74	2.72	YES						
L0030186		3	0.17979E-02	443816.3	3769891.0	270.0	0.00	
8.74	2.72	YES						
L0030187		3	0.17979E-02	443832.6	3769881.7	270.0	0.00	
8.74	2.72	YES						
L0030188		3	0.17979E-02	443849.2	3769872.9	270.0	0.00	
8.74	2.72	YES						
L0030189		3	0.17979E-02	443866.3	3769865.0	270.0	0.00	
8.74	2.72	YES						
L0030190		3	0.17979E-02	443883.4	3769857.1	270.0	0.00	
8.74	2.72	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030191	3	0.17979E-02	443900.4	3769849.3	270.0	0.00	8.74	2.72	YES
L0030192	3	0.17979E-02	443917.5	3769841.4	270.0	0.00	8.74	2.72	YES
L0030193	3	0.17979E-02	443934.6	3769833.5	270.0	0.00	8.74	2.72	YES
L0030194	3	0.17979E-02	443951.6	3769825.7	270.0	0.00	8.74	2.72	YES
L0030195	3	0.17979E-02	443968.7	3769817.8	270.0	0.00	8.74	2.72	YES
L0030196	3	0.17979E-02	443985.8	3769809.9	270.0	0.00	8.74	2.72	YES
L0030197	3	0.17979E-02	444002.9	3769802.0	270.0	0.00	8.74	2.72	YES
L0030198	3	0.17979E-02	444020.0	3769794.2	270.0	0.00	8.74	2.72	YES
L0030199	3	0.17979E-02	444038.1	3769789.3	270.0	0.00	8.74	2.72	YES
L0030200	3	0.17979E-02	444056.3	3769784.5	270.0	0.00	8.74	2.72	YES
L0030201	3	0.17979E-02	444074.4	3769779.6	270.0	0.00	8.74	2.72	YES
L0030202	3	0.17979E-02	444092.6	3769774.7	270.0	0.00	8.74	2.72	YES
L0030203	3	0.17979E-02	444110.7	3769769.8	270.0	0.00	8.74	2.72	YES
L0030204	3	0.17979E-02	444128.9	3769764.9	270.0	0.00	8.74	2.72	YES
L0030205	3	0.17979E-02	444147.0	3769760.0	270.0	0.00	8.74	2.72	YES
L0030206	3	0.17979E-02	444165.2	3769755.1	270.0	0.00	8.74	2.72	YES

L0030207		3	0.17979E-02	444183.3	3769750.2	270.0	0.00
8.74	2.72	YES					
L0030208		3	0.17979E-02	444201.5	3769745.3	270.0	0.00
8.74	2.72	YES					
L0030209		3	0.17979E-02	444219.6	3769740.4	270.0	0.00
8.74	2.72	YES					
L0030210		3	0.17979E-02	444237.8	3769735.5	270.0	0.00
8.74	2.72	YES					
L0030211		3	0.17979E-02	444255.9	3769730.6	270.0	0.00
8.74	2.72	YES					
L0030212		3	0.17979E-02	444274.1	3769725.7	270.0	0.00
8.74	2.72	YES					
L0030213		3	0.17979E-02	444292.2	3769720.8	270.0	0.00
8.74	2.72	YES					
L0030214		3	0.17979E-02	444310.4	3769715.9	270.0	0.00
8.74	2.72	YES					
L0030215		3	0.17979E-02	444328.6	3769711.2	270.0	0.00
8.74	2.72	YES					
L0030216		3	0.17979E-02	444347.2	3769708.7	270.0	0.00
8.74	2.72	YES					
L0030217		3	0.17979E-02	444365.8	3769706.1	270.0	0.00
8.74	2.72	YES					
L0030218		3	0.17979E-02	444384.5	3769703.6	270.0	0.00
8.74	2.72	YES					
L0030219		3	0.17979E-02	444403.1	3769701.1	270.0	0.00
8.74	2.72	YES					
L0030220		3	0.17979E-02	444421.7	3769698.6	270.0	0.00
8.74	2.72	YES					
L0030221		3	0.17979E-02	444440.3	3769696.0	270.0	0.00
8.74	2.72	YES					
L0030222		3	0.17979E-02	444459.0	3769693.5	270.0	0.00
8.74	2.72	YES					
L0030223		3	0.17979E-02	444477.6	3769691.0	270.0	0.00
8.74	2.72	YES					
L0030224		3	0.17979E-02	444496.2	3769688.4	270.0	0.00
8.74	2.72	YES					
L0030225		3	0.17979E-02	444514.9	3769685.9	270.0	0.00
8.74	2.72	YES					
L0030226		3	0.17979E-02	444533.5	3769683.4	270.0	0.00
8.74	2.72	YES					
L0030227		3	0.17979E-02	444552.1	3769680.9	270.0	0.00
8.74	2.72	YES					
L0030228		3	0.17979E-02	444570.8	3769678.4	270.0	0.00
8.74	2.72	YES					
L0030229		3	0.17979E-02	444589.5	3769676.7	270.0	0.00
8.74	2.72	YES					
L0030230		3	0.17979E-02	444608.2	3769675.0	270.0	0.00
8.74	2.72	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY
L0030231	3	0.17979E-02	444626.9	3769673.4	270.0	0.00	8.74	2.72	YES
L0030232	3	0.17979E-02	444645.7	3769671.7	270.0	0.00	8.74	2.72	YES
L0030233	3	0.17979E-02	444664.4	3769670.0	270.0	0.00	8.74	2.72	YES
L0030234	3	0.17979E-02	444683.1	3769668.3	270.0	0.00	8.74	2.72	YES
L0030235	3	0.17979E-02	444701.8	3769666.7	270.0	0.00	8.74	2.72	YES
L0030236	3	0.17979E-02	444720.6	3769665.0	270.0	0.00	8.74	2.72	YES
L0030237	3	0.17979E-02	444739.3	3769663.3	270.0	0.00	8.74	2.72	YES
L0030238	3	0.17979E-02	444758.0	3769661.9	270.0	0.00	8.74	2.72	YES
L0030239	3	0.17979E-02	444776.8	3769660.5	270.0	0.00	8.74	2.72	YES
L0030240	3	0.17979E-02	444795.5	3769659.2	270.0	0.00	8.74	2.72	YES
L0030241	3	0.17979E-02	444814.3	3769657.8	270.0	0.00	8.74	2.72	YES
L0030242	3	0.17979E-02	444833.0	3769656.5	270.0	0.00	8.74	2.72	YES
L0030243	3	0.17979E-02	444851.8	3769654.8	270.0	0.00	8.74	2.72	YES
L0030244	3	0.17979E-02	444870.4	3769652.5	270.0	0.00	8.74	2.72	YES
L0030245	3	0.17979E-02	444889.1	3769650.1	270.0	0.00	8.74	2.72	YES
L0030246	3	0.17979E-02	444907.7	3769647.7	270.0	0.00	8.74	2.72	YES

L0030247		3	0.17979E-02	444926.3	3769645.3	270.0	0.00
8.74	2.72	YES					
L0030248		3	0.17979E-02	444945.0	3769642.9	270.0	0.00
8.74	2.72	YES					
L0030249		3	0.17979E-02	444963.6	3769640.6	270.0	0.00
8.74	2.72	YES					
L0030250		3	0.17979E-02	444982.3	3769638.2	270.0	0.00
8.74	2.72	YES					
L0030251		3	0.17979E-02	445001.0	3769636.7	270.0	0.00
8.74	2.72	YES					
L0030252		3	0.17979E-02	445019.8	3769635.4	270.0	0.00
8.74	2.72	YES					
L0030253		3	0.17979E-02	445038.5	3769634.2	270.0	0.00
8.74	2.72	YES					
L0030254		3	0.17979E-02	445057.3	3769632.9	270.0	0.00
8.74	2.72	YES					
L0030255		3	0.17979E-02	445076.1	3769631.6	270.0	0.00
8.74	2.72	YES					
L0030256		3	0.17979E-02	445094.8	3769630.4	270.0	0.00
8.74	2.72	YES					
L0030257		3	0.17979E-02	445113.6	3769629.1	270.0	0.00
8.74	2.72	YES					
L0030258		3	0.17979E-02	445132.3	3769627.9	270.0	0.00
8.74	2.72	YES					
L0030259		3	0.17979E-02	445151.1	3769627.4	270.0	0.00
8.74	2.72	YES					
L0030260		3	0.17979E-02	445169.9	3769627.0	270.0	0.00
8.74	2.72	YES					
L0030261		3	0.17979E-02	445188.7	3769626.6	270.0	0.00
8.74	2.72	YES					
L0030262		3	0.17979E-02	445207.5	3769626.2	270.0	0.00
8.74	2.72	YES					
L0030263		3	0.17979E-02	445226.3	3769625.8	270.0	0.00
8.74	2.72	YES					
L0030264		3	0.17979E-02	445245.1	3769625.5	270.0	0.00
8.74	2.72	YES					
L0030265		3	0.17979E-02	445263.9	3769625.4	270.0	0.00
8.74	2.72	YES					
L0030266		3	0.17979E-02	445282.7	3769625.3	270.0	0.00
8.74	2.72	YES					
L0030267		3	0.17979E-02	445301.5	3769625.2	270.0	0.00
8.74	2.72	YES					
L0030268		3	0.17979E-02	445320.3	3769625.0	270.0	0.00
8.74	2.72	YES					
L0030269		3	0.17979E-02	445339.1	3769624.9	270.0	0.00
8.74	2.72	YES					
L0030270		3	0.17979E-02	445357.9	3769624.8	270.0	0.00
8.74	2.72	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY
L0030271	3	0.17979E-02	445376.7	3769624.7	270.0	0.00	8.74	2.72	YES
L0030272	3	0.17979E-02	445395.5	3769624.6	270.0	0.00	8.74	2.72	YES
L0030273	3	0.17979E-02	445414.3	3769624.4	270.0	0.00	8.74	2.72	YES
L0030274	3	0.17979E-02	445433.1	3769624.3	270.0	0.00	8.74	2.72	YES
L0030275	3	0.11078E-03	443697.5	3769892.2	270.0	0.00	4.19	2.38	YES
L0030276	3	0.11078E-03	443705.8	3769888.7	270.0	0.00	4.19	2.38	YES
L0030277	3	0.11078E-03	443714.1	3769885.1	270.0	0.00	4.19	2.38	YES
L0030278	3	0.11078E-03	443722.3	3769881.6	270.0	0.00	4.19	2.38	YES
L0030279	3	0.11078E-03	443730.6	3769878.1	270.0	0.00	4.19	2.38	YES
L0030280	3	0.11078E-03	443738.9	3769874.6	270.0	0.00	4.19	2.38	YES
L0030281	3	0.11078E-03	443747.2	3769871.1	270.0	0.00	4.19	2.38	YES
L0030282	3	0.11078E-03	443755.5	3769867.6	270.0	0.00	4.19	2.38	YES
L0030283	3	0.11078E-03	443763.8	3769864.0	270.0	0.00	4.19	2.38	YES
L0030284	3	0.11078E-03	443772.1	3769860.5	270.0	0.00	4.19	2.38	YES
L0030285	3	0.11078E-03	443780.3	3769857.0	270.0	0.00	4.19	2.38	YES
L0030286	3	0.11078E-03	443788.6	3769853.5	270.0	0.00	4.19	2.38	YES

L0030287		3	0.11078E-03	443796.9	3769850.0	270.0	0.00	
4.19	2.38	YES						
L0030288		3	0.11078E-03	443805.2	3769846.4	270.0	0.00	
4.19	2.38	YES						
L0030289		3	0.11078E-03	443813.5	3769842.9	270.0	0.00	
4.19	2.38	YES						
L0030290		3	0.11078E-03	443821.8	3769839.4	270.0	0.00	
4.19	2.38	YES						
L0030291		3	0.11078E-03	443829.9	3769835.7	270.0	0.00	
4.19	2.38	YES						
L0030292		3	0.11078E-03	443837.8	3769831.3	270.0	0.00	
4.19	2.38	YES						
L0030293		3	0.11078E-03	443845.7	3769827.0	270.0	0.00	
4.19	2.38	YES						
L0030294		3	0.11078E-03	443853.6	3769822.6	270.0	0.00	
4.19	2.38	YES						
L0030295		3	0.11078E-03	443861.5	3769818.3	270.0	0.00	
4.19	2.38	YES						
L0030296		3	0.11078E-03	443869.3	3769813.9	270.0	0.00	
4.19	2.38	YES						
L0030297		3	0.11078E-03	443877.2	3769809.6	270.0	0.00	
4.19	2.38	YES						
L0030298		3	0.11078E-03	443885.1	3769805.2	270.0	0.00	
4.19	2.38	YES						
L0030299		3	0.11078E-03	443893.2	3769801.3	270.0	0.00	
4.19	2.38	YES						
L0030300		3	0.11078E-03	443901.7	3769798.6	270.0	0.00	
4.19	2.38	YES						
L0030301		3	0.11078E-03	443910.3	3769795.8	270.0	0.00	
4.19	2.38	YES						
L0030302		3	0.11078E-03	443918.9	3769793.1	270.0	0.00	
4.19	2.38	YES						
L0030303		3	0.11078E-03	443927.4	3769790.3	270.0	0.00	
4.19	2.38	YES						
L0030304		3	0.11078E-03	443936.0	3769787.6	270.0	0.00	
4.19	2.38	YES						
L0030305		3	0.11078E-03	443944.6	3769784.8	270.0	0.00	
4.19	2.38	YES						
L0030306		3	0.11078E-03	443953.1	3769782.1	270.0	0.00	
4.19	2.38	YES						
L0030307		3	0.11078E-03	443961.7	3769779.3	270.0	0.00	
4.19	2.38	YES						
L0030308		3	0.11078E-03	443970.3	3769776.6	270.0	0.00	
4.19	2.38	YES						
L0030309		3	0.11078E-03	443978.9	3769773.8	270.0	0.00	
4.19	2.38	YES						
L0030310		3	0.11078E-03	443987.4	3769771.1	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0030311	3	0.11078E-03	443996.0	3769768.3	270.0	0.00	4.19	2.38	YES
L0030312	3	0.11078E-03	444004.6	3769765.6	270.0	0.00	4.19	2.38	YES
L0030313	3	0.11078E-03	444013.1	3769762.8	270.0	0.00	4.19	2.38	YES
L0030314	3	0.11078E-03	444021.7	3769760.1	270.0	0.00	4.19	2.38	YES
L0030315	3	0.11078E-03	444030.3	3769757.3	270.0	0.00	4.19	2.38	YES
L0030316	3	0.11078E-03	444038.8	3769754.6	270.0	0.00	4.19	2.38	YES
L0030317	3	0.11078E-03	444047.4	3769751.8	270.0	0.00	4.19	2.38	YES
L0030318	3	0.11078E-03	444056.0	3769749.1	270.0	0.00	4.19	2.38	YES
L0030319	3	0.11078E-03	444064.6	3769746.3	270.0	0.00	4.19	2.38	YES
L0030320	3	0.11078E-03	444073.1	3769743.6	270.0	0.00	4.19	2.38	YES
L0030321	3	0.11078E-03	444081.7	3769740.8	270.0	0.00	4.19	2.38	YES
L0030322	3	0.11078E-03	444090.3	3769738.1	270.0	0.00	4.19	2.38	YES
L0030323	3	0.11078E-03	444098.8	3769735.4	270.0	0.00	4.19	2.38	YES
L0030324	3	0.11078E-03	444107.4	3769732.6	270.0	0.00	4.19	2.38	YES
L0030325	3	0.11078E-03	444116.0	3769729.9	270.0	0.00	4.19	2.38	YES
L0030326	3	0.11078E-03	444124.5	3769727.1	270.0	0.00	4.19	2.38	YES

L0030327		3	0.11078E-03	444133.1	3769724.4	270.0	0.00
4.19	2.38	YES					
L0030328		3	0.11078E-03	444141.7	3769721.6	270.0	0.00
4.19	2.38	YES					
L0030329		3	0.11078E-03	444150.3	3769718.9	270.0	0.00
4.19	2.38	YES					
L0030330		3	0.11078E-03	444158.8	3769716.1	270.0	0.00
4.19	2.38	YES					
L0030331		3	0.11078E-03	444167.4	3769713.4	270.0	0.00
4.19	2.38	YES					
L0030332		3	0.11078E-03	444176.0	3769710.6	270.0	0.00
4.19	2.38	YES					
L0030333		3	0.11078E-03	444184.5	3769707.9	270.0	0.00
4.19	2.38	YES					
L0030334		3	0.11078E-03	444193.1	3769705.1	270.0	0.00
4.19	2.38	YES					
L0030335		3	0.11078E-03	444201.7	3769702.5	270.0	0.00
4.19	2.38	YES					
L0030336		3	0.11078E-03	444210.4	3769700.1	270.0	0.00
4.19	2.38	YES					
L0030337		3	0.11078E-03	444219.1	3769697.7	270.0	0.00
4.19	2.38	YES					
L0030338		3	0.11078E-03	444227.7	3769695.2	270.0	0.00
4.19	2.38	YES					
L0030339		3	0.11078E-03	444236.4	3769692.8	270.0	0.00
4.19	2.38	YES					
L0030340		3	0.11078E-03	444245.0	3769690.3	270.0	0.00
4.19	2.38	YES					
L0030341		3	0.11078E-03	444253.7	3769687.9	270.0	0.00
4.19	2.38	YES					
L0030342		3	0.11078E-03	444262.4	3769685.5	270.0	0.00
4.19	2.38	YES					
L0030343		3	0.11078E-03	444271.0	3769683.0	270.0	0.00
4.19	2.38	YES					
L0030344		3	0.11078E-03	444279.7	3769680.6	270.0	0.00
4.19	2.38	YES					
L0030345		3	0.11078E-03	444288.4	3769678.2	270.0	0.00
4.19	2.38	YES					
L0030346		3	0.11078E-03	444297.0	3769675.7	270.0	0.00
4.19	2.38	YES					
L0030347		3	0.11078E-03	444305.7	3769673.3	270.0	0.00
4.19	2.38	YES					
L0030348		3	0.11078E-03	444314.4	3769670.8	270.0	0.00
4.19	2.38	YES					
L0030349		3	0.11078E-03	444323.0	3769668.4	270.0	0.00
4.19	2.38	YES					
L0030350		3	0.11078E-03	444331.7	3769666.0	270.0	0.00
4.19	2.38	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0030351	3	0.11078E-03	444340.3	3769663.5	270.0	0.00	4.19	2.38	YES
L0030352	3	0.11078E-03	444349.0	3769661.1	270.0	0.00	4.19	2.38	YES
L0030353	3	0.11078E-03	444357.7	3769658.7	270.0	0.00	4.19	2.38	YES
L0030354	3	0.10377E-03	443438.2	3770102.8	270.0	0.00	4.19	2.38	YES
L0030355	3	0.10377E-03	443445.1	3770097.0	270.0	0.00	4.19	2.38	YES
L0030356	3	0.10377E-03	443451.9	3770091.2	270.0	0.00	4.19	2.38	YES
L0030357	3	0.10377E-03	443458.8	3770085.5	270.0	0.00	4.19	2.38	YES
L0030358	3	0.10377E-03	443465.7	3770079.7	270.0	0.00	4.19	2.38	YES
L0030359	3	0.10377E-03	443472.6	3770073.9	270.0	0.00	4.19	2.38	YES
L0030360	3	0.10377E-03	443479.5	3770068.1	270.0	0.00	4.19	2.38	YES
L0030361	3	0.10377E-03	443486.4	3770062.3	270.0	0.00	4.19	2.38	YES
L0030362	3	0.10377E-03	443493.3	3770056.5	270.0	0.00	4.19	2.38	YES
L0030363	3	0.10377E-03	443500.1	3770050.7	270.0	0.00	4.19	2.38	YES
L0030364	3	0.10377E-03	443507.0	3770044.9	270.0	0.00	4.19	2.38	YES
L0030365	3	0.10377E-03	443513.9	3770039.1	270.0	0.00	4.19	2.38	YES
L0030366	3	0.10377E-03	443520.3	3770032.7	270.0	0.00	4.19	2.38	YES

L0030367		3	0.10377E-03	443526.6	3770026.4	270.0	0.00
4.19	2.38	YES					
L0030368		3	0.10377E-03	443533.0	3770020.0	270.0	0.00
4.19	2.38	YES					
L0030369		3	0.10377E-03	443539.4	3770013.6	270.0	0.00
4.19	2.38	YES					
L0030370		3	0.10377E-03	443545.8	3770007.3	270.0	0.00
4.19	2.38	YES					
L0030371		3	0.10377E-03	443552.1	3770000.9	270.0	0.00
4.19	2.38	YES					
L0030372		3	0.10377E-03	443558.5	3769994.6	270.0	0.00
4.19	2.38	YES					
L0030373		3	0.10377E-03	443564.9	3769988.3	270.0	0.00
4.19	2.38	YES					
L0030374		3	0.10377E-03	443571.5	3769982.1	270.0	0.00
4.19	2.38	YES					
L0030375		3	0.10377E-03	443578.0	3769975.9	270.0	0.00
4.19	2.38	YES					
L0030376		3	0.10377E-03	443584.6	3769969.8	270.0	0.00
4.19	2.38	YES					
L0030377		3	0.10377E-03	443591.1	3769963.6	270.0	0.00
4.19	2.38	YES					
L0030378		3	0.10377E-03	443597.6	3769957.4	270.0	0.00
4.19	2.38	YES					
L0030379		3	0.10377E-03	443604.2	3769951.2	270.0	0.00
4.19	2.38	YES					
L0030380		3	0.10377E-03	443611.0	3769945.4	270.0	0.00
4.19	2.38	YES					
L0030381		3	0.10377E-03	443617.9	3769939.5	270.0	0.00
4.19	2.38	YES					
L0030382		3	0.10377E-03	443624.7	3769933.6	270.0	0.00
4.19	2.38	YES					
L0030383		3	0.10377E-03	443631.9	3769928.3	270.0	0.00
4.19	2.38	YES					
L0030384		3	0.10377E-03	443640.0	3769924.4	270.0	0.00
4.19	2.38	YES					
L0030385		3	0.10377E-03	443648.1	3769920.5	270.0	0.00
4.19	2.38	YES					
L0030386		3	0.10377E-03	443656.2	3769916.6	270.0	0.00
4.19	2.38	YES					
L0030387		3	0.10377E-03	443664.3	3769912.7	270.0	0.00
4.19	2.38	YES					
L0030388		3	0.10377E-03	443672.5	3769908.9	270.0	0.00
4.19	2.38	YES					
L0030389		3	0.92327E-04	443741.2	3770047.3	270.0	0.00
4.19	2.38	YES					
L0030390		3	0.92327E-04	443749.9	3770044.8	270.0	0.00
4.19	2.38	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0030391	3	0.92327E-04	443758.5	3770042.3	270.0	0.00	4.19	2.38	YES
L0030392	3	0.92327E-04	443767.2	3770039.8	270.0	0.00	4.19	2.38	YES
L0030393	3	0.92327E-04	443775.8	3770037.4	270.0	0.00	4.19	2.38	YES
L0030394	3	0.92327E-04	443784.5	3770034.9	270.0	0.00	4.19	2.38	YES
L0030395	3	0.92327E-04	443793.1	3770032.4	270.0	0.00	4.19	2.38	YES
L0030396	3	0.92327E-04	443801.7	3770029.9	270.0	0.00	4.19	2.38	YES
L0030397	3	0.92327E-04	443810.4	3770027.4	270.0	0.00	4.19	2.38	YES
L0030398	3	0.92327E-04	443817.9	3770022.8	270.0	0.00	4.19	2.38	YES
L0030399	3	0.92327E-04	443824.9	3770017.1	270.0	0.00	4.19	2.38	YES
L0030400	3	0.92327E-04	443831.9	3770011.4	270.0	0.00	4.19	2.38	YES
L0030401	3	0.92327E-04	443838.9	3770005.7	270.0	0.00	4.19	2.38	YES
L0030402	3	0.92327E-04	443845.1	3769999.5	270.0	0.00	4.19	2.38	YES
L0030403	3	0.92327E-04	443849.4	3769991.5	270.0	0.00	4.19	2.38	YES
L0030404	3	0.92327E-04	443853.6	3769983.6	270.0	0.00	4.19	2.38	YES
L0030405	3	0.92327E-04	443857.8	3769975.6	270.0	0.00	4.19	2.38	YES
L0030406	3	0.92327E-04	443858.9	3769967.2	270.0	0.00	4.19	2.38	YES

L0030407		3	0.92327E-04	443857.1	3769958.4	270.0	0.00	
4.19	2.38	YES						
L0030408		3	0.92327E-04	443855.4	3769949.6	270.0	0.00	
4.19	2.38	YES						
L0030409		3	0.92327E-04	443850.4	3769942.4	270.0	0.00	
4.19	2.38	YES						
L0030410		3	0.92327E-04	443844.1	3769936.1	270.0	0.00	
4.19	2.38	YES						
L0030411		3	0.92327E-04	443837.7	3769929.7	270.0	0.00	
4.19	2.38	YES						
L0030412		3	0.92327E-04	443829.2	3769927.4	270.0	0.00	
4.19	2.38	YES						
L0030413		3	0.92327E-04	443820.4	3769925.9	270.0	0.00	
4.19	2.38	YES						
L0030414		3	0.92327E-04	443811.7	3769927.7	270.0	0.00	
4.19	2.38	YES						
L0030415		3	0.92327E-04	443803.1	3769930.4	270.0	0.00	
4.19	2.38	YES						
L0030416		3	0.92327E-04	443794.5	3769933.0	270.0	0.00	
4.19	2.38	YES						
L0030417		3	0.92327E-04	443786.1	3769936.2	270.0	0.00	
4.19	2.38	YES						
L0030418		3	0.92327E-04	443778.0	3769940.1	270.0	0.00	
4.19	2.38	YES						
L0030419		3	0.92327E-04	443769.9	3769944.0	270.0	0.00	
4.19	2.38	YES						
L0030420		3	0.92327E-04	443761.8	3769947.9	270.0	0.00	
4.19	2.38	YES						
L0030421		3	0.92327E-04	443753.7	3769951.8	270.0	0.00	
4.19	2.38	YES						
L0030422		3	0.92327E-04	443745.5	3769955.7	270.0	0.00	
4.19	2.38	YES						
L0030423		3	0.92327E-04	443737.4	3769959.6	270.0	0.00	
4.19	2.38	YES						
L0030424		3	0.92327E-04	443729.3	3769963.5	270.0	0.00	
4.19	2.38	YES						
L0030425		3	0.92327E-04	443721.2	3769967.4	270.0	0.00	
4.19	2.38	YES						
L0030426		3	0.92327E-04	443713.1	3769971.3	270.0	0.00	
4.19	2.38	YES						
L0030427		3	0.92327E-04	443705.0	3769975.2	270.0	0.00	
4.19	2.38	YES						
L0030428		3	0.92327E-04	443697.0	3769979.3	270.0	0.00	
4.19	2.38	YES						
L0030429		3	0.92327E-04	443689.4	3769984.1	270.0	0.00	
4.19	2.38	YES						
L0030430		3	0.92327E-04	443681.7	3769988.8	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0030431	3	0.92327E-04	443674.1	3769993.6	270.0	0.00	4.19	2.38	YES
L0030432	3	0.92327E-04	443666.5	3769998.4	270.0	0.00	4.19	2.38	YES
L0030433	3	0.92327E-04	443658.9	3770003.2	270.0	0.00	4.19	2.38	YES
L0030434	3	0.92327E-04	443651.2	3770008.0	270.0	0.00	4.19	2.38	YES
L0030435	3	0.92327E-04	443643.6	3770012.8	270.0	0.00	4.19	2.38	YES
L0030436	3	0.92327E-04	443636.0	3770017.5	270.0	0.00	4.19	2.38	YES
L0030437	3	0.92327E-04	443628.4	3770022.3	270.0	0.00	4.19	2.38	YES
L0030438	3	0.92327E-04	443620.7	3770027.1	270.0	0.00	4.19	2.38	YES
L0030439	3	0.92327E-04	443613.1	3770031.9	270.0	0.00	4.19	2.38	YES
L0030440	3	0.92327E-04	443605.5	3770036.7	270.0	0.00	4.19	2.38	YES
L0030441	3	0.94214E-04	443691.2	3770111.8	270.0	0.00	4.19	2.38	YES
L0030442	3	0.94214E-04	443688.5	3770103.2	270.0	0.00	4.19	2.38	YES
L0030443	3	0.94214E-04	443685.8	3770094.6	270.0	0.00	4.19	2.38	YES
L0030444	3	0.94214E-04	443682.8	3770086.1	270.0	0.00	4.19	2.38	YES
L0030445	3	0.94214E-04	443679.7	3770077.7	270.0	0.00	4.19	2.38	YES
L0030446	3	0.94214E-04	443675.3	3770070.0	270.0	0.00	4.19	2.38	YES

L0030447		3	0.94214E-04	443669.0	3770063.6	270.0	0.00
4.19	2.38	YES					
L0030448		3	0.94214E-04	443662.7	3770057.1	270.0	0.00
4.19	2.38	YES					
L0030449		3	0.94214E-04	443654.8	3770053.1	270.0	0.00
4.19	2.38	YES					
L0030450		3	0.94214E-04	443646.5	3770049.6	270.0	0.00
4.19	2.38	YES					
L0030451		3	0.94214E-04	443637.8	3770047.4	270.0	0.00
4.19	2.38	YES					
L0030452		3	0.94214E-04	443629.1	3770045.3	270.0	0.00
4.19	2.38	YES					
L0030453		3	0.94214E-04	443620.2	3770045.3	270.0	0.00
4.19	2.38	YES					
L0030454		3	0.94214E-04	443611.4	3770046.9	270.0	0.00
4.19	2.38	YES					
L0030455		3	0.94214E-04	443602.9	3770049.6	270.0	0.00
4.19	2.38	YES					
L0030456		3	0.94214E-04	443594.9	3770053.7	270.0	0.00
4.19	2.38	YES					
L0030457		3	0.94214E-04	443586.7	3770057.5	270.0	0.00
4.19	2.38	YES					
L0030458		3	0.94214E-04	443578.5	3770061.2	270.0	0.00
4.19	2.38	YES					
L0030459		3	0.94214E-04	443570.7	3770065.6	270.0	0.00
4.19	2.38	YES					
L0030460		3	0.94214E-04	443563.0	3770070.2	270.0	0.00
4.19	2.38	YES					
L0030461		3	0.94214E-04	443555.2	3770074.8	270.0	0.00
4.19	2.38	YES					
L0030462		3	0.94214E-04	443547.5	3770079.4	270.0	0.00
4.19	2.38	YES					
L0030463		3	0.94214E-04	443539.8	3770084.1	270.0	0.00
4.19	2.38	YES					
L0030464		3	0.94214E-04	443532.0	3770088.7	270.0	0.00
4.19	2.38	YES					
L0030465		3	0.94214E-04	443524.3	3770093.3	270.0	0.00
4.19	2.38	YES					
L0030466		3	0.94214E-04	443516.6	3770097.9	270.0	0.00
4.19	2.38	YES					
L0030467		3	0.94214E-04	443508.8	3770102.5	270.0	0.00
4.19	2.38	YES					
L0030468		3	0.94214E-04	443501.1	3770107.1	270.0	0.00
4.19	2.38	YES					
L0030469		3	0.12323E-03	444158.3	3769774.4	270.0	0.00
4.19	2.38	YES					
L0030470		3	0.12323E-03	444150.0	3769777.9	270.0	0.00
4.19	2.38	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0030471	3	0.12323E-03	444141.7	3769781.4	270.0	0.00	4.19	2.38	YES
L0030472	3	0.12323E-03	444133.4	3769784.8	270.0	0.00	4.19	2.38	YES
L0030473	3	0.12323E-03	444125.1	3769788.3	270.0	0.00	4.19	2.38	YES
L0030474	3	0.12323E-03	444116.8	3769791.7	270.0	0.00	4.19	2.38	YES
L0030475	3	0.12323E-03	444108.5	3769795.2	270.0	0.00	4.19	2.38	YES
L0030476	3	0.12323E-03	444100.2	3769798.7	270.0	0.00	4.19	2.38	YES
L0030477	3	0.12323E-03	444091.9	3769802.1	270.0	0.00	4.19	2.38	YES
L0030478	3	0.12323E-03	444083.5	3769805.6	270.0	0.00	4.19	2.38	YES
L0030479	3	0.12323E-03	444075.2	3769809.1	270.0	0.00	4.19	2.38	YES
L0030480	3	0.12323E-03	444066.9	3769812.5	270.0	0.00	4.19	2.38	YES
L0030481	3	0.12323E-03	444058.6	3769816.0	270.0	0.00	4.19	2.38	YES
L0030482	3	0.12323E-03	444050.3	3769819.5	270.0	0.00	4.19	2.38	YES
L0030483	3	0.12323E-03	444042.0	3769822.9	270.0	0.00	4.19	2.38	YES
L0030484	3	0.12323E-03	444033.7	3769826.4	270.0	0.00	4.19	2.38	YES
L0030485	3	0.12323E-03	444025.4	3769829.8	270.0	0.00	4.19	2.38	YES
L0030486	3	0.12323E-03	444017.1	3769833.3	270.0	0.00	4.19	2.38	YES

L0030487		3	0.12323E-03	444008.8	3769836.8	270.0	0.00	
4.19	2.38	YES						
L0030488		3	0.12323E-03	444000.5	3769840.2	270.0	0.00	
4.19	2.38	YES						
L0030489		3	0.12323E-03	443992.2	3769843.7	270.0	0.00	
4.19	2.38	YES						
L0030490		3	0.12323E-03	443983.9	3769847.2	270.0	0.00	
4.19	2.38	YES						
L0030491		3	0.12323E-03	443975.6	3769850.6	270.0	0.00	
4.19	2.38	YES						
L0030492		3	0.12323E-03	443967.7	3769854.9	270.0	0.00	
4.19	2.38	YES						
L0030493		3	0.12323E-03	443960.0	3769859.6	270.0	0.00	
4.19	2.38	YES						
L0030494		3	0.12323E-03	443952.3	3769864.3	270.0	0.00	
4.19	2.38	YES						
L0030495		3	0.12323E-03	443944.6	3769868.9	270.0	0.00	
4.19	2.38	YES						
L0030496		3	0.12323E-03	443936.9	3769873.6	270.0	0.00	
4.19	2.38	YES						
L0030497		3	0.12323E-03	443929.2	3769878.3	270.0	0.00	
4.19	2.38	YES						
L0030498		3	0.12323E-03	443921.5	3769882.9	270.0	0.00	
4.19	2.38	YES						
L0030499		3	0.12323E-03	443913.8	3769887.6	270.0	0.00	
4.19	2.38	YES						
L0030500		3	0.12323E-03	443908.9	3769895.1	270.0	0.00	
4.19	2.38	YES						
L0030501		3	0.12323E-03	443904.2	3769902.7	270.0	0.00	
4.19	2.38	YES						
L0030502		3	0.12323E-03	443899.4	3769910.4	270.0	0.00	
4.19	2.38	YES						
L0030503		3	0.12323E-03	443895.8	3769918.6	270.0	0.00	
4.19	2.38	YES						
L0030504		3	0.12323E-03	443892.7	3769927.0	270.0	0.00	
4.19	2.38	YES						
L0030505		3	0.12323E-03	443889.6	3769935.5	270.0	0.00	
4.19	2.38	YES						
L0030506		3	0.12323E-03	443886.5	3769943.9	270.0	0.00	
4.19	2.38	YES						
L0030507		3	0.12323E-03	443883.4	3769952.4	270.0	0.00	
4.19	2.38	YES						
L0030508		3	0.12323E-03	443880.3	3769960.8	270.0	0.00	
4.19	2.38	YES						
L0030509		3	0.12323E-03	443877.2	3769969.2	270.0	0.00	
4.19	2.38	YES						
L0030510		3	0.12323E-03	443874.0	3769977.7	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0030511	3	0.12323E-03	443870.9	3769986.1	270.0	0.00	4.19	2.38	YES
L0030512	3	0.12323E-03	443867.7	3769994.5	270.0	0.00	4.19	2.38	YES
L0030513	3	0.12323E-03	443864.6	3770003.0	270.0	0.00	4.19	2.38	YES
L0030514	3	0.12323E-03	443860.2	3770010.8	270.0	0.00	4.19	2.38	YES
L0030515	3	0.12323E-03	443855.8	3770018.7	270.0	0.00	4.19	2.38	YES
L0030516	3	0.12323E-03	443851.5	3770026.6	270.0	0.00	4.19	2.38	YES
L0030517	3	0.12323E-03	443845.3	3770033.0	270.0	0.00	4.19	2.38	YES
L0030518	3	0.12323E-03	443838.7	3770039.2	270.0	0.00	4.19	2.38	YES
L0030519	3	0.12323E-03	443831.8	3770044.8	270.0	0.00	4.19	2.38	YES
L0030520	3	0.12323E-03	443823.4	3770047.9	270.0	0.00	4.19	2.38	YES
L0030521	3	0.12323E-03	443814.9	3770050.9	270.0	0.00	4.19	2.38	YES
L0030522	3	0.12323E-03	443806.4	3770054.0	270.0	0.00	4.19	2.38	YES
L0030523	3	0.12323E-03	443797.8	3770056.6	270.0	0.00	4.19	2.38	YES
L0030524	3	0.12323E-03	443789.1	3770058.7	270.0	0.00	4.19	2.38	YES
L0030525	3	0.12323E-03	443780.3	3770060.8	270.0	0.00	4.19	2.38	YES
L0030526	3	0.12323E-03	443771.6	3770063.0	270.0	0.00	4.19	2.38	YES

L0030527		3	0.12323E-03	443762.7	3770064.6	270.0	0.00
4.19	2.38	YES					
L0030528		3	0.12323E-03	443753.8	3770065.6	270.0	0.00
4.19	2.38	YES					
L0030529		3	0.12323E-03	443744.9	3770066.7	270.0	0.00
4.19	2.38	YES					
L0030530		3	0.12323E-03	443735.9	3770067.7	270.0	0.00
4.19	2.38	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0029991 , L0029992 , L0029993 , L0029994 , L0029995 , L0029996 , L0029997 , L0029998 ,
	L0029999 , L0030000 , L0030001 , L0030002 , L0030003 , L0030004 , L0030005 , L0030006 ,
	L0030007 , L0030008 , L0030009 , L0030010 , L0030011 , L0030012 , L0030013 , L0030014 ,
	L0030015 , L0030016 , L0030017 , L0030018 , L0030019 , L0030020 , L0030021 , L0030022 ,
	L0030023 , L0030024 , L0030025 , L0030026 , L0030027 , L0030028 , L0030029 , L0030030 ,
	L0030031 , L0030032 , L0030033 , L0030034 , L0030035 , L0030036 , L0030037 , L0030038 ,
	L0030039 , L0030040 , L0030041 , L0030042 , L0030043 , L0030044 , L0030045 , L0030046 ,
	L0030047 , L0030048 , L0030049 , L0030050 , L0030051 , L0030052 , L0030053 , L0030054 ,
	L0030055 , L0030056 , L0030057 , L0030058 , L0030059 , L0030060 , L0030061 , L0030062 ,
	L0030063 , L0030064 , L0030065 , L0030066 , L0030067 , L0030068 , L0030069 , L0030070 ,
	L0030071 , L0030072 , L0030073 , L0030074 , L0030075 , L0030076 , L0030077 , L0030078 ,
	L0030079 , L0030080 , L0030081 , L0030082 , L0030083 , L0030084 , L0030085 , L0030086 ,
	L0030087 , L0030088 , L0030089 , L0030090 , L0030091 , L0030092 , L0030093 , L0030094 ,

L0030095 , L0030096 , L0030097 , L0030098 ,
L0030099 , L0030100 , L0030101 , L0030102 ,

L0030103 , L0030104 , L0030105 , L0030106 ,
L0030107 , L0030108 , L0030109 , L0030110 ,

L0030111 , L0030112 , L0030113 , L0030114 ,
L0030115 , L0030116 , L0030117 , L0030118 ,

L0030119 , L0030120 , L0030121 , L0030122 ,
L0030123 , L0030124 , L0030125 , L0030126 ,

L0030127 , L0030128 , L0030129 , L0030130 ,
L0030131 , L0030132 , L0030133 , L0030134 ,

L0030135 , L0030136 , L0030137 , L0030138 ,
L0030139 , L0030140 , L0030141 , L0030142 ,

L0030143 , L0030144 , L0030145 , L0030146 ,
L0030147 , L0030148 , L0030149 , L0030150 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0030151 , L0030152 , L0030153 , L0030154 , L0030155 , L0030156 , L0030157 , L0030158 ,
	L0030159 , L0030160 , L0030161 , L0030162 , L0030163 , L0030164 , L0030165 , L0030166 ,
	L0030167 , L0030168 , L0030169 , L0030170 , L0030171 , L0030172 , L0030173 , L0030174 ,
	L0030175 , L0030176 , L0030177 , L0030178 , L0030179 , L0030180 , L0030181 , L0030182 ,
	L0030183 , L0030184 , L0030185 , L0030186 , L0030187 , L0030188 , L0030189 , L0030190 ,
	L0030191 , L0030192 , L0030193 , L0030194 , L0030195 , L0030196 , L0030197 , L0030198 ,
	L0030199 , L0030200 , L0030201 , L0030202 , L0030203 , L0030204 , L0030205 , L0030206 ,
	L0030207 , L0030208 , L0030209 , L0030210 , L0030211 , L0030212 , L0030213 , L0030214 ,
	L0030215 , L0030216 , L0030217 , L0030218 , L0030219 , L0030220 , L0030221 , L0030222 ,
	L0030223 , L0030224 , L0030225 , L0030226 , L0030227 , L0030228 , L0030229 , L0030230 ,
	L0030231 , L0030232 , L0030233 , L0030234 , L0030235 , L0030236 , L0030237 , L0030238 ,
	L0030239 , L0030240 , L0030241 , L0030242 , L0030243 , L0030244 , L0030245 , L0030246 ,
	L0030247 , L0030248 , L0030249 , L0030250 , L0030251 , L0030252 , L0030253 , L0030254 ,

L0030255 , L0030256 , L0030257 , L0030258 ,
L0030259 , L0030260 , L0030261 , L0030262 ,

L0030263 , L0030264 , L0030265 , L0030266 ,
L0030267 , L0030268 , L0030269 , L0030270 ,

L0030271 , L0030272 , L0030273 , L0030274 ,
L0030275 , L0030276 , L0030277 , L0030278 ,

L0030279 , L0030280 , L0030281 , L0030282 ,
L0030283 , L0030284 , L0030285 , L0030286 ,

L0030287 , L0030288 , L0030289 , L0030290 ,
L0030291 , L0030292 , L0030293 , L0030294 ,

L0030295 , L0030296 , L0030297 , L0030298 ,
L0030299 , L0030300 , L0030301 , L0030302 ,

L0030303 , L0030304 , L0030305 , L0030306 ,
L0030307 , L0030308 , L0030309 , L0030310 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0030311 , L0030312 , L0030313 , L0030314 , L0030315 , L0030316 , L0030317 , L0030318 ,
	L0030319 , L0030320 , L0030321 , L0030322 , L0030323 , L0030324 , L0030325 , L0030326 ,
	L0030327 , L0030328 , L0030329 , L0030330 , L0030331 , L0030332 , L0030333 , L0030334 ,
	L0030335 , L0030336 , L0030337 , L0030338 , L0030339 , L0030340 , L0030341 , L0030342 ,
	L0030343 , L0030344 , L0030345 , L0030346 , L0030347 , L0030348 , L0030349 , L0030350 ,
	L0030351 , L0030352 , L0030353 , L0030354 , L0030355 , L0030356 , L0030357 , L0030358 ,
	L0030359 , L0030360 , L0030361 , L0030362 , L0030363 , L0030364 , L0030365 , L0030366 ,
	L0030367 , L0030368 , L0030369 , L0030370 , L0030371 , L0030372 , L0030373 , L0030374 ,
	L0030375 , L0030376 , L0030377 , L0030378 , L0030379 , L0030380 , L0030381 , L0030382 ,
	L0030383 , L0030384 , L0030385 , L0030386 , L0030387 , L0030388 , L0030389 , L0030390 ,
	L0030391 , L0030392 , L0030393 , L0030394 , L0030395 , L0030396 , L0030397 , L0030398 ,
	L0030399 , L0030400 , L0030401 , L0030402 , L0030403 , L0030404 , L0030405 , L0030406 ,
	L0030407 , L0030408 , L0030409 , L0030410 , L0030411 , L0030412 , L0030413 , L0030414 ,

L0030415 , L0030416 , L0030417 , L0030418 ,
L0030419 , L0030420 , L0030421 , L0030422 ,

L0030423 , L0030424 , L0030425 , L0030426 ,
L0030427 , L0030428 , L0030429 , L0030430 ,

L0030431 , L0030432 , L0030433 , L0030434 ,
L0030435 , L0030436 , L0030437 , L0030438 ,

L0030439 , L0030440 , L0030441 , L0030442 ,
L0030443 , L0030444 , L0030445 , L0030446 ,

L0030447 , L0030448 , L0030449 , L0030450 ,
L0030451 , L0030452 , L0030453 , L0030454 ,

L0030455 , L0030456 , L0030457 , L0030458 ,
L0030459 , L0030460 , L0030461 , L0030462 ,

L0030463 , L0030464 , L0030465 , L0030466 ,
L0030467 , L0030468 , L0030469 , L0030470 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0030471 , L0030472 , L0030473 , L0030474 , L0030475 , L0030476 , L0030477 , L0030478 ,
	L0030479 , L0030480 , L0030481 , L0030482 , L0030483 , L0030484 , L0030485 , L0030486 ,
	L0030487 , L0030488 , L0030489 , L0030490 , L0030491 , L0030492 , L0030493 , L0030494 ,
	L0030495 , L0030496 , L0030497 , L0030498 , L0030499 , L0030500 , L0030501 , L0030502 ,
	L0030503 , L0030504 , L0030505 , L0030506 , L0030507 , L0030508 , L0030509 , L0030510 ,
	L0030511 , L0030512 , L0030513 , L0030514 , L0030515 , L0030516 , L0030517 , L0030518 ,
	L0030519 , L0030520 , L0030521 , L0030522 , L0030523 , L0030524 , L0030525 , L0030526 ,
	L0030527 , L0030528 , L0030529 , L0030530 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2015355.	L0029991 , L0029992 , L0029993 , L0029994 , L0029995 , L0029996 , L0029997 , L0029998 ,
		L0029999 , L0030000 , L0030001 , L0030002 , L0030003 , L0030004 , L0030005 , L0030006 ,
		L0030007 , L0030008 , L0030009 , L0030010 , L0030011 , L0030012 , L0030013 , L0030014 ,
		L0030015 , L0030016 , L0030017 , L0030018 , L0030019 , L0030020 , L0030021 , L0030022 ,
		L0030023 , L0030024 , L0030025 , L0030026 , L0030027 , L0030028 , L0030029 , L0030030 ,
		L0030031 , L0030032 , L0030033 , L0030034 , L0030035 , L0030036 , L0030037 , L0030038 ,
		L0030039 , L0030040 , L0030041 , L0030042 , L0030043 , L0030044 , L0030045 , L0030046 ,
		L0030047 , L0030048 , L0030049 , L0030050 , L0030051 , L0030052 , L0030053 , L0030054 ,
		L0030055 , L0030056 , L0030057 , L0030058 , L0030059 , L0030060 , L0030061 , L0030062 ,
		L0030063 , L0030064 , L0030065 , L0030066 , L0030067 , L0030068 , L0030069 , L0030070 ,
		L0030071 , L0030072 , L0030073 , L0030074 , L0030075 , L0030076 , L0030077 , L0030078 ,
		L0030079 , L0030080 , L0030081 , L0030082 , L0030083 , L0030084 , L0030085 , L0030086 ,

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             L0030087    , L0030088    , L0030089    , L0030090    ,
L0030091    , L0030092    , L0030093    , L0030094    ,

             L0030095    , L0030096    , L0030097    , L0030098    ,
L0030099    , L0030100    , L0030101    , L0030102    ,

             L0030103    , L0030104    , L0030105    , L0030106    ,
L0030107    , L0030108    , L0030109    , L0030110    ,

             L0030111    , L0030112    , L0030113    , L0030114    ,
L0030115    , L0030116    , L0030117    , L0030118    ,

             L0030119    , L0030120    , L0030121    , L0030122    ,
L0030123    , L0030124    , L0030125    , L0030126    ,

             L0030127    , L0030128    , L0030129    , L0030130    ,
L0030131    , L0030132    , L0030133    , L0030134    ,

             L0030135    , L0030136    , L0030137    , L0030138    ,
L0030139    , L0030140    , L0030141    , L0030142    ,

             L0030143    , L0030144    , L0030145    , L0030146    ,
L0030147    , L0030148    , L0030149    , L0030150    ,
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**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0030151 , L0030152 , L0030153 , L0030154 , L0030155 , L0030156 , L0030157 , L0030158 ,

L0030159 , L0030160 , L0030161 , L0030162 , L0030163 , L0030164 , L0030165 , L0030166 ,

L0030167 , L0030168 , L0030169 , L0030170 , L0030171 , L0030172 , L0030173 , L0030174 ,

L0030175 , L0030176 , L0030177 , L0030178 , L0030179 , L0030180 , L0030181 , L0030182 ,

L0030183 , L0030184 , L0030185 , L0030186 , L0030187 , L0030188 , L0030189 , L0030190 ,

L0030191 , L0030192 , L0030193 , L0030194 , L0030195 , L0030196 , L0030197 , L0030198 ,

L0030199 , L0030200 , L0030201 , L0030202 , L0030203 , L0030204 , L0030205 , L0030206 ,

L0030207 , L0030208 , L0030209 , L0030210 , L0030211 , L0030212 , L0030213 , L0030214 ,

L0030215 , L0030216 , L0030217 , L0030218 , L0030219 , L0030220 , L0030221 , L0030222 ,

L0030223 , L0030224 , L0030225 , L0030226 , L0030227 , L0030228 , L0030229 , L0030230 ,

L0030231 , L0030232 , L0030233 , L0030234 , L0030235 , L0030236 , L0030237 , L0030238 ,

L0030239 , L0030240 , L0030241 , L0030242 , L0030243 , L0030244 , L0030245 , L0030246 ,

L0030247 , L0030248 , L0030249 , L0030250 , L0030251 , L0030252 , L0030253 , L0030254 ,

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L0030267 , L0030268 , L0030269 , L0030270 ,

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L0030275 , L0030276 , L0030277 , L0030278 ,

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L0030283 , L0030284 , L0030285 , L0030286 ,

L0030287 , L0030288 , L0030289 , L0030290 ,
L0030291 , L0030292 , L0030293 , L0030294 ,

L0030295 , L0030296 , L0030297 , L0030298 ,
L0030299 , L0030300 , L0030301 , L0030302 ,

L0030303 , L0030304 , L0030305 , L0030306 ,
L0030307 , L0030308 , L0030309 , L0030310 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0030311 , L0030312 , L0030313 , L0030314 , L0030315 , L0030316 , L0030317 , L0030318 ,

L0030319 , L0030320 , L0030321 , L0030322 , L0030323 , L0030324 , L0030325 , L0030326 ,

L0030327 , L0030328 , L0030329 , L0030330 , L0030331 , L0030332 , L0030333 , L0030334 ,

L0030335 , L0030336 , L0030337 , L0030338 , L0030339 , L0030340 , L0030341 , L0030342 ,

L0030343 , L0030344 , L0030345 , L0030346 , L0030347 , L0030348 , L0030349 , L0030350 ,

L0030351 , L0030352 , L0030353 , L0030354 , L0030355 , L0030356 , L0030357 , L0030358 ,

L0030359 , L0030360 , L0030361 , L0030362 , L0030363 , L0030364 , L0030365 , L0030366 ,

L0030367 , L0030368 , L0030369 , L0030370 , L0030371 , L0030372 , L0030373 , L0030374 ,

L0030375 , L0030376 , L0030377 , L0030378 , L0030379 , L0030380 , L0030381 , L0030382 ,

L0030383 , L0030384 , L0030385 , L0030386 , L0030387 , L0030388 , L0030389 , L0030390 ,

L0030391 , L0030392 , L0030393 , L0030394 , L0030395 , L0030396 , L0030397 , L0030398 ,

L0030399 , L0030400 , L0030401 , L0030402 , L0030403 , L0030404 , L0030405 , L0030406 ,

L0030407 , L0030408 , L0030409 , L0030410 , L0030411 , L0030412 , L0030413 , L0030414 ,

L0030415 , L0030416 , L0030417 , L0030418 ,
L0030419 , L0030420 , L0030421 , L0030422 ,

L0030423 , L0030424 , L0030425 , L0030426 ,
L0030427 , L0030428 , L0030429 , L0030430 ,

L0030431 , L0030432 , L0030433 , L0030434 ,
L0030435 , L0030436 , L0030437 , L0030438 ,

L0030439 , L0030440 , L0030441 , L0030442 ,
L0030443 , L0030444 , L0030445 , L0030446 ,

L0030447 , L0030448 , L0030449 , L0030450 ,
L0030451 , L0030452 , L0030453 , L0030454 ,

L0030455 , L0030456 , L0030457 , L0030458 ,
L0030459 , L0030460 , L0030461 , L0030462 ,

L0030463 , L0030464 , L0030465 , L0030466 ,
L0030467 , L0030468 , L0030469 , L0030470 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0030471 , L0030472 , L0030473 , L0030474 , L0030475 , L0030476 , L0030477 , L0030478 ,

L0030479 , L0030480 , L0030481 , L0030482 , L0030483 , L0030484 , L0030485 , L0030486 ,

L0030487 , L0030488 , L0030489 , L0030490 , L0030491 , L0030492 , L0030493 , L0030494 ,

L0030495 , L0030496 , L0030497 , L0030498 , L0030499 , L0030500 , L0030501 , L0030502 ,

L0030503 , L0030504 , L0030505 , L0030506 , L0030507 , L0030508 , L0030509 , L0030510 ,

L0030511 , L0030512 , L0030513 , L0030514 , L0030515 , L0030516 , L0030517 , L0030518 ,

L0030519 , L0030520 , L0030521 , L0030522 , L0030523 , L0030524 , L0030525 , L0030526 ,

L0030527 , L0030528 , L0030529 , L0030530 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029991 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0029992 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0029993 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029994 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0029995 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0029996 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0029997 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0029998 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0029999 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030000 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030001 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030002 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030003 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030004 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030005 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030006 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030007 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030008 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030009 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030010 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030011 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030012 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030013 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030014 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030015 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030016 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030017 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030018 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030019 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030020 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030021 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030022 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030023 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030024 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030025 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030026 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030027 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030028 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030029 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030030 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030031 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030032 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030033 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030034 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030035 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030036 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030037 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030038 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030039 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030040 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030041 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030042 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030043 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030044 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030045 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030046 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030047 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030048 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030049 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030050 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030051 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030052 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030053 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030054 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030055 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030056 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030057 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030058 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030059 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030060 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030061 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030062 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030063 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030064 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030065 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030066 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030067 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030068 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030069 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030070 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030071 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030072 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030073 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030074 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030075 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030076 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030077 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030078 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030079 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030080 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030081 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030082 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030083 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030084 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030085 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030086 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030087 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030088 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030089 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030090 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030091 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030092 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030093 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030094 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030095 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030096 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030097 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030098 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030099 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030100 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030101 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030102 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030103 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030104 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030105 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030106 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030107 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030108 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030109 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030110 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030111 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030112 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030113 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030114 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030115 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030116 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030117 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030118 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030119 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030120 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030121 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030122 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030123 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030124 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030125 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030126 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030127 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030128 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030129 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030130 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030131 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030132 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030133 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030134 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030135 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030136 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030137 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030138 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030139 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030140 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030141 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030142 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030143 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030144 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030145 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030146 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030147 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030148 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030149 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030150 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030151 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030152 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030153 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030154 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030155 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030156 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030157 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030158 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030159 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030160 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030161 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030162 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030163 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030164 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030165 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030166 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030167 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030168 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030169 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030170 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030171 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030172 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030173 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030174 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030175 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030176 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030177 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030178 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030179 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030180 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030181 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030182 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030183 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030184 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030185 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030186 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030187 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030188 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030189 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030190 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030191 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030192 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030193 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030194 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030195 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030196 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030197 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030198 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030199 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030200 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030201 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030202 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030203 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030204 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030205 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030206 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030207 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030208 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030209 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030210 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030211 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030212 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030213 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030214 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030215 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030216 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030217 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030218 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030219 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030220 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030221 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030222 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030223 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030224 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030225 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030226 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030227 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030228 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030229 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030230 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030231 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030232 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030233 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030234 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030235 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030236 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030237 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030238 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030239 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030240 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030241 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030242 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030243 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030244 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030245 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030246 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030247 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030248 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030249 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030250 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030251 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030252 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030253 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030254 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030255 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030256 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030257 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030258 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030259 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030260 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030261 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030262 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030263 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030264 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030265 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030266 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030267 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030268 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030269 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030270 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030271 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030272 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030273 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030274 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030275 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030276 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030277 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030278 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030279 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030280 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030281 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030282 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030283 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030284 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030285 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030286 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030287 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030288 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030289 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030290 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030291 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030292 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030293 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030294 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030295 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030296 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030297 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030298 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030299 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030300 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030301 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030302 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030303 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030304 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030305 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030306 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030307 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030308 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030309 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030310 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030311 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030312 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030313 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030314 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030315 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030316 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030317 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030318 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030319 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030320 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030321 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030322 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030323 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030324 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030325 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030326 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030327 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030328 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030329 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030330 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030331 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030332 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030333 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030334 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030335 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030336 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030337 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030338 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030339 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030340 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030341 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030342 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030343 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030344 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030345 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030346 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030347 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030348 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030349 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030350 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030351 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030352 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030353 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030354 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030355 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030356 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030357 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030358 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030359 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030360 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030361 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030362 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030363 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030364 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030365 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030366 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030367 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030368 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030369 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030370 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030371 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030372 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030373 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030374 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030375 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030376 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030377 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030378 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030379 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030380 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030381 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030382 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030383 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030384 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030385 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030386 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030387 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030388 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030389 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030390 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030391 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030392 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030393 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030394 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030395 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030396 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030397 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030398 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030399 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030400 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030401 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030402 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030403 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030404 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030405 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030406 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030407 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030408 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030409 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030410 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030411 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030412 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030413 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030414 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030415 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030416 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030417 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030418 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030419 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030420 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030421 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030422 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030423 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030424 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030425 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030426 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030427 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030428 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030429 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030430 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030431 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030432 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030433 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030434 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030435 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030436 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030437 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030438 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030439 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030440 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030441 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030442 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030443 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030444 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030445 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030446 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030447 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030448 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030449 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030450 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030451 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030452 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030453 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030454 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030455 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030456 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030457 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030458 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030459 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030460 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030461 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030462 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030463 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030464 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030465 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030466 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030467 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030468 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030469 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030470 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030471 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030472 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030473 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030474 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030475 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030476 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030477 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030478 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030479 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030480 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030481 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030482 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030483 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030484 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030485 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030486 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030487 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030488 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030489 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030490 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030491 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030492 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030493 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030494 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030495 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030496 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030497 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030498 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030499 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030500 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030501 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030502 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030503 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030504 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030505 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030506 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030507 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030508 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030509 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030510 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030511 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030512 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030513 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030514 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030515 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030516 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030517 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030518 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030519 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030520 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030521 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030522 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030523 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030524 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030525 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030526 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030527 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030528 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030529 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

*** SOURCE ID = L0030530 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.07870, 0.12920, 0.79220,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000, 10.00000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

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

(444782.0, 3769929.4, 270.0, 270.0, 0.0); (444818.4, 3769929.4, 270.0, 270.0, 0.0);
(444854.8, 3769929.4, 270.0, 270.0, 0.0); (444891.1, 3769929.4, 270.0, 270.0, 0.0);
(444927.5, 3769929.4, 270.0, 270.0, 0.0); (444963.9, 3769929.4, 270.0, 270.0, 0.0);
(445000.3, 3769929.4, 270.0, 270.0, 0.0); (445036.7, 3769929.4, 270.0, 270.0, 0.0);
(445073.1, 3769929.4, 270.0, 270.0, 0.0); (445109.5, 3769929.4, 270.0, 270.0, 0.0);
(445145.9, 3769929.4, 270.0, 270.0, 0.0); (445182.3, 3769929.4, 270.0, 270.0, 0.0);
(444782.0, 3769941.0, 270.0, 270.0, 0.0); (444818.4, 3769941.0, 270.0, 270.0, 0.0);
(444854.8, 3769941.0, 270.0, 270.0, 0.0); (444891.1, 3769941.0, 270.0, 270.0, 0.0);
(444927.5, 3769941.0, 270.0, 270.0, 0.0); (444963.9, 3769941.0, 270.0, 270.0, 0.0);
(445000.3, 3769941.0, 270.0, 270.0, 0.0); (445036.7, 3769941.0, 270.0, 270.0, 0.0);
(445073.1, 3769941.0, 270.0, 270.0, 0.0); (445109.5, 3769941.0, 270.0, 270.0, 0.0);
(445145.9, 3769941.0, 270.0, 270.0, 0.0); (445182.3, 3769941.0, 270.0, 270.0, 0.0);
(444782.0, 3769952.5, 270.0, 270.0, 0.0); (444818.4, 3769952.5, 270.0, 270.0, 0.0);
(444854.8, 3769952.5, 270.0, 270.0, 0.0); (444891.1, 3769952.5, 270.0, 270.0, 0.0);
(444927.5, 3769952.5, 270.0, 270.0, 0.0); (444963.9, 3769952.5, 270.0, 270.0, 0.0);
(445000.3, 3769952.5, 270.0, 270.0, 0.0); (445036.7, 3769952.5, 270.0, 270.0, 0.0);
(445073.1, 3769952.5, 270.0, 270.0, 0.0); (445109.5, 3769952.5, 270.0, 270.0, 0.0);
(445145.9, 3769952.5, 270.0, 270.0, 0.0); (445182.3, 3769952.5, 270.0, 270.0, 0.0);
(444782.0, 3769964.1, 270.0, 270.0, 0.0); (444818.4, 3769964.1, 270.0, 270.0, 0.0);
(444854.8, 3769964.1, 270.0, 270.0, 0.0); (444891.1, 3769964.1, 270.0, 270.0, 0.0);

```
     ( 444927.5, 3769964.1,     270.0,     270.0,       0.0);         (
444963.9, 3769964.1,     270.0,     270.0,       0.0);
     ( 445000.3, 3769964.1,     270.0,     270.0,       0.0);         (
445036.7, 3769964.1,     270.0,     270.0,       0.0);
     ( 445073.1, 3769964.1,     270.0,     270.0,       0.0);         (
445109.5, 3769964.1,     270.0,     270.0,       0.0);
     ( 445145.9, 3769964.1,     270.0,     270.0,       0.0);         (
445182.3, 3769964.1,     270.0,     270.0,       0.0);
     ( 445218.7, 3769964.1,     270.0,     270.0,       0.0);         (
444782.0, 3769975.7,     270.0,     270.0,       0.0);
     ( 444818.4, 3769975.7,     270.0,     270.0,       0.0);         (
444854.8, 3769975.7,     270.0,     270.0,       0.0);
     ( 444891.1, 3769975.7,     270.0,     270.0,       0.0);         (
444927.5, 3769975.7,     270.0,     270.0,       0.0);
     ( 444963.9, 3769975.7,     270.0,     270.0,       0.0);         (
445000.3, 3769975.7,     270.0,     270.0,       0.0);
     ( 445036.7, 3769975.7,     270.0,     270.0,       0.0);         (
445073.1, 3769975.7,     270.0,     270.0,       0.0);
     ( 445109.5, 3769975.7,     270.0,     270.0,       0.0);         (
445145.9, 3769975.7,     270.0,     270.0,       0.0);
     ( 445182.3, 3769975.7,     270.0,     270.0,       0.0);         (
445218.7, 3769975.7,     270.0,     270.0,       0.0);
     ( 444782.0, 3769987.2,     270.0,     270.0,       0.0);         (
444818.4, 3769987.2,     270.0,     270.0,       0.0);
     ( 444854.8, 3769987.2,     270.0,     270.0,       0.0);         (
444891.1, 3769987.2,     270.0,     270.0,       0.0);
     ( 444927.5, 3769987.2,     270.0,     270.0,       0.0);         (
444963.9, 3769987.2,     270.0,     270.0,       0.0);
     ( 445000.3, 3769987.2,     270.0,     270.0,       0.0);         (
445036.7, 3769987.2,     270.0,     270.0,       0.0);
     ( 445073.1, 3769987.2,     270.0,     270.0,       0.0);         (
445109.5, 3769987.2,     270.0,     270.0,       0.0);
     ( 445145.9, 3769987.2,     270.0,     270.0,       0.0);         (
445182.3, 3769987.2,     270.0,     270.0,       0.0);
     ( 445218.7, 3769987.2,     270.0,     270.0,       0.0);         (
444782.0, 3769998.8,     270.0,     270.0,       0.0);
     ( 444818.4, 3769998.8,     270.0,     270.0,       0.0);         (
444854.8, 3769998.8,     270.0,     270.0,       0.0);
     ( 444891.1, 3769998.8,     270.0,     270.0,       0.0);         (
444927.5, 3769998.8,     270.0,     270.0,       0.0);
     ( 444963.9, 3769998.8,     270.0,     270.0,       0.0);         (
445000.3, 3769998.8,     270.0,     270.0,       0.0);
     ( 445036.7, 3769998.8,     270.0,     270.0,       0.0);         (
445073.1, 3769998.8,     270.0,     270.0,       0.0);
     ( 445109.5, 3769998.8,     270.0,     270.0,       0.0);         (
445145.9, 3769998.8,     270.0,     270.0,       0.0);
     ( 445182.3, 3769998.8,     270.0,     270.0,       0.0);         (
445218.7, 3769998.8,     270.0,     270.0,       0.0);
     ( 444782.0, 3770010.4,     270.0,     270.0,       0.0);         (
444818.4, 3770010.4,     270.0,     270.0,       0.0);
```

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

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

(444854.8, 3770010.4, 270.0, 270.0, 0.0); (444891.1, 3770010.4, 270.0, 270.0, 0.0);
(444927.5, 3770010.4, 270.0, 270.0, 0.0); (444963.9, 3770010.4, 270.0, 270.0, 0.0);
(445000.3, 3770010.4, 270.0, 270.0, 0.0); (445036.7, 3770010.4, 270.0, 270.0, 0.0);
(445073.1, 3770010.4, 270.0, 270.0, 0.0); (445109.5, 3770010.4, 270.0, 270.0, 0.0);
(445145.9, 3770010.4, 270.0, 270.0, 0.0); (445182.3, 3770010.4, 270.0, 270.0, 0.0);
(445218.7, 3770010.4, 270.0, 270.0, 0.0); (444782.0, 3770021.9, 270.0, 270.0, 0.0);
(444818.4, 3770021.9, 270.0, 270.0, 0.0); (444854.8, 3770021.9, 270.0, 270.0, 0.0);
(444891.1, 3770021.9, 270.0, 270.0, 0.0); (444927.5, 3770021.9, 270.0, 270.0, 0.0);
(444963.9, 3770021.9, 270.0, 270.0, 0.0); (445000.3, 3770021.9, 270.0, 270.0, 0.0);
(445036.7, 3770021.9, 270.0, 270.0, 0.0); (445073.1, 3770021.9, 270.0, 270.0, 0.0);
(445109.5, 3770021.9, 270.0, 270.0, 0.0); (445145.9, 3770021.9, 270.0, 270.0, 0.0);
(445182.3, 3770021.9, 270.0, 270.0, 0.0); (445218.7, 3770021.9, 270.0, 270.0, 0.0);
(444782.0, 3770033.5, 270.0, 270.0, 0.0); (444818.4, 3770033.5, 270.0, 270.0, 0.0);
(444854.8, 3770033.5, 270.0, 270.0, 0.0); (444891.1, 3770033.5, 270.0, 270.0, 0.0);
(444927.5, 3770033.5, 270.0, 270.0, 0.0); (444963.9, 3770033.5, 270.0, 270.0, 0.0);
(445000.3, 3770033.5, 270.0, 270.0, 0.0); (445036.7, 3770033.5, 270.0, 270.0, 0.0);
(445073.1, 3770033.5, 270.0, 270.0, 0.0); (445109.5, 3770033.5, 270.0, 270.0, 0.0);
(445145.9, 3770033.5, 270.0, 270.0, 0.0); (445182.3, 3770033.5, 270.0, 270.0, 0.0);
(445218.7, 3770033.5, 270.0, 270.0, 0.0); (445249.4, 3770033.5, 270.0, 270.0, 0.0);
(444782.0, 3770045.1, 270.0, 270.0, 0.0); (444818.4, 3770045.1, 270.0, 270.0, 0.0);

```
     ( 444854.8, 3770045.1,     270.0,     270.0,       0.0);         (
444891.1, 3770045.1,     270.0,     270.0,       0.0);
     ( 444927.5, 3770045.1,     270.0,     270.0,       0.0);         (
444963.9, 3770045.1,     270.0,     270.0,       0.0);
     ( 445000.3, 3770045.1,     270.0,     270.0,       0.0);         (
445036.7, 3770045.1,     270.0,     270.0,       0.0);
     ( 445073.1, 3770045.1,     270.0,     270.0,       0.0);         (
445109.5, 3770045.1,     270.0,     270.0,       0.0);
     ( 445145.9, 3770045.1,     270.0,     270.0,       0.0);         (
445182.3, 3770045.1,     270.0,     270.0,       0.0);
     ( 445218.7, 3770045.1,     270.0,     270.0,       0.0);         (
445255.0, 3770045.1,     270.0,     270.0,       0.0);
     ( 444818.4, 3770056.7,     270.0,     270.0,       0.0);         (
444854.8, 3770056.7,     270.0,     270.0,       0.0);
     ( 444891.1, 3770056.7,     270.0,     270.0,       0.0);         (
444927.5, 3770056.7,     270.0,     270.0,       0.0);
     ( 444963.9, 3770056.7,     270.0,     270.0,       0.0);         (
445000.3, 3770056.7,     270.0,     270.0,       0.0);
     ( 445036.7, 3770056.7,     270.0,     270.0,       0.0);         (
445073.1, 3770056.7,     270.0,     270.0,       0.0);
     ( 445109.5, 3770056.7,     270.0,     270.0,       0.0);         (
445145.9, 3770056.7,     270.0,     270.0,       0.0);
     ( 445182.3, 3770056.7,     270.0,     270.0,       0.0);         (
445218.7, 3770056.7,     270.0,     270.0,       0.0);
     ( 445255.0, 3770056.7,     270.0,     270.0,       0.0);         (
444818.4, 3770068.2,     270.0,     270.0,       0.0);
     ( 444854.8, 3770068.2,     270.0,     270.0,       0.0);         (
444891.1, 3770068.2,     270.0,     270.0,       0.0);
     ( 444927.5, 3770068.2,     270.0,     270.0,       0.0);         (
444963.9, 3770068.2,     270.0,     270.0,       0.0);
     ( 445000.3, 3770068.2,     270.0,     270.0,       0.0);         (
445036.7, 3770068.2,     270.0,     270.0,       0.0);
     ( 445073.1, 3770068.2,     270.0,     270.0,       0.0);         (
445109.5, 3770068.2,     270.0,     270.0,       0.0);
     ( 445145.9, 3770068.2,     270.0,     270.0,       0.0);         (
445182.3, 3770068.2,     270.0,     270.0,       0.0);
     ( 445218.7, 3770068.2,     270.0,     270.0,       0.0);         (
445255.0, 3770068.2,     270.0,     270.0,       0.0);
     ( 444818.4, 3770079.8,     270.0,     270.0,       0.0);         (
444854.8, 3770079.8,     270.0,     270.0,       0.0);
     ( 444891.1, 3770079.8,     270.0,     270.0,       0.0);         (
444927.5, 3770079.8,     270.0,     270.0,       0.0);
     ( 444963.9, 3770079.8,     270.0,     270.0,       0.0);         (
445000.3, 3770079.8,     270.0,     270.0,       0.0);
     ( 445036.7, 3770079.8,     270.0,     270.0,       0.0);         (
445073.1, 3770079.8,     270.0,     270.0,       0.0);
     ( 445109.5, 3770079.8,     270.0,     270.0,       0.0);         (
445145.9, 3770079.8,     270.0,     270.0,       0.0);
     ( 445182.3, 3770079.8,     270.0,     270.0,       0.0);         (
445218.7, 3770079.8,     270.0,     270.0,       0.0);
```

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

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

(445255.0, 3770079.8, 270.0, 270.0, 0.0); (444818.4, 3770091.4, 270.0, 270.0, 0.0);
(444854.8, 3770091.4, 270.0, 270.0, 0.0); (444891.1, 3770091.4, 270.0, 270.0, 0.0);
(444927.5, 3770091.4, 270.0, 270.0, 0.0); (444963.9, 3770091.4, 270.0, 270.0, 0.0);
(445000.3, 3770091.4, 270.0, 270.0, 0.0); (445036.7, 3770091.4, 270.0, 270.0, 0.0);
(445073.1, 3770091.4, 270.0, 270.0, 0.0); (445109.5, 3770091.4, 270.0, 270.0, 0.0);
(445145.9, 3770091.4, 270.0, 270.0, 0.0); (445182.3, 3770091.4, 270.0, 270.0, 0.0);
(445218.7, 3770091.4, 270.0, 270.0, 0.0); (445255.0, 3770091.4, 270.0, 270.0, 0.0);
(444818.4, 3770102.9, 270.0, 270.0, 0.0); (444854.8, 3770102.9, 270.0, 270.0, 0.0);
(444891.1, 3770102.9, 270.0, 270.0, 0.0); (444927.5, 3770102.9, 270.0, 270.0, 0.0);
(444963.9, 3770102.9, 270.0, 270.0, 0.0); (445000.3, 3770102.9, 270.0, 270.0, 0.0);
(445036.7, 3770102.9, 270.0, 270.0, 0.0); (445073.1, 3770102.9, 270.0, 270.0, 0.0);
(445109.5, 3770102.9, 270.0, 270.0, 0.0); (445145.9, 3770102.9, 270.0, 270.0, 0.0);
(445182.3, 3770102.9, 270.0, 270.0, 0.0); (445218.7, 3770102.9, 270.0, 270.0, 0.0);
(445255.0, 3770102.9, 270.0, 270.0, 0.0); (444818.4, 3770114.5, 270.0, 270.0, 0.0);
(444854.8, 3770114.5, 270.0, 270.0, 0.0); (444891.1, 3770114.5, 270.0, 270.0, 0.0);
(444927.5, 3770114.5, 270.0, 270.0, 0.0); (444963.9, 3770114.5, 270.0, 270.0, 0.0);
(445000.3, 3770112.1, 270.0, 270.0, 0.0); (445036.7, 3770112.1, 270.0, 270.0, 0.0);
(445073.1, 3770111.8, 270.0, 270.0, 0.0); (445109.5, 3770111.3, 270.0, 270.0, 0.0);
(445145.9, 3770110.8, 270.0, 270.0, 0.0); (445182.7, 3770110.3, 270.0, 270.0, 0.0);
(445217.7, 3770109.9, 270.0, 270.0, 0.0); (445271.2, 3770103.0, 270.0, 270.0, 0.0);

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

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            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

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

Surface file: poma6.SFC
Met Version: 12345
Profile file: poma6.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3190 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2005 Year: 2005

First 24 hours of scalar data

YR	MO	DY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALB	REF WS	WD	HT	REF TA	HT	IPCOD	PRATE	RH	SFCP	CCVR
05	01	01	01	-0.6	0.027	-9.000	-9.000	-999.	10.	3.1	0.47	1.00	1.00	0.40	61.	9.	277.4	6.***	-9.00	999.	981.	4	
05	01	01	02	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	41.	9.	278.5	6.***	-9.00	999.	981.	4	
05	01	01	03	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	41.	9.	278.5	6.***	-9.00	999.	981.	4	
05	01	01	04	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	29.	9.	278.4	6.***	-9.00	999.	981.	4	
05	01	01	05	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	28.	9.	278.2	6.***	-9.00	999.	981.	4	
05	01	01	06	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	30.	9.	278.9	6.***	-9.00	999.	981.	4	
05	01	01	07	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	25.	9.	278.9	6.***	-9.00	999.	981.	4	
05	01	01	08	-0.5	0.027	-9.000	-9.000	-999.	10.	3.4	0.47	1.00	0.54	0.40	35.	9.	279.6	6.***	-9.00	999.	981.	0	
05	01	01	09	28.5	0.099	0.384	0.005	70.	72.	-3.0	0.47	1.00	0.31	0.40	173.	9.	281.2	6.***	-9.00	999.	981.	0	
05	01	01	10	80.8	0.238	1.217	0.005	782.	267.	-14.5	0.47	1.00	0.24	1.30	173.	9.	283.4	6.***	-9.00	999.	981.	0	
05	01	01	11	119.2	0.249	1.518	0.007	1028.	285.	-11.3	0.47	1.00	0.21	1.30	196.	9.	285.2	6.***	-9.00	999.	981.	0	
05	01	01	12	120.4	0.249	1.615	0.009	1225.	286.	-11.2	0.47	1.00	0.20	1.30	212.	9.	286.1	6.***	-9.00	999.	981.	5	
05	01	01	13	120.9	0.249	1.629	0.009	1252.	286.	-11.2	0.47	1.00	0.20	1.30	237.	9.	286.1	6.***	-9.00	999.	981.	5	

```
 05 01 01 14   65.0  0.293  1.329  0.009 1266.  364.    -33.8 0.47 1.00
0.22    1.80  266.   9.  285.9   6.***  -9.00  999.  981.  8
 05 01 01 15   28.3  0.274  1.009  0.009 1272.  330.    -63.7 0.47 1.00
0.25    1.80  262.   9.  285.6   6.***  -9.00  999.  981.  9
 05 01 01 16    2.8  0.248  0.466  0.009 1273.  285.   -483.7 0.47 1.00
0.34    1.80  266.   9.  285.0   6.***  -9.00  999.  981. 10
 05 01 01 17   -4.7  0.088 -9.000 -9.000 -999.   84.     12.7 0.47 1.00
0.61    1.30  280.   9.  284.4   6.***  -9.00  999.  981.  8
 05 01 01 18   -2.8  0.061 -9.000 -9.000 -999.   35.      7.0 0.47 1.00
1.00    0.90  261.   9.  283.9   6.***  -9.00  999.  981.  4
 05 01 01 19   -0.6  0.027 -9.000 -9.000 -999.   10.      3.1 0.47 1.00
1.00    0.40  293.   9.  283.1   6.***  -9.00  999.  981.  4
 05 01 01 20   -0.2  0.019 -9.000 -9.000 -999.    6.      2.6 0.47 1.00
1.00    0.28  313.   9.  282.4   6.***  -9.00  999.  981.  8
 05 01 01 21   -0.2  0.019 -9.000 -9.000 -999.    6.      2.6 0.47 1.00
1.00    0.28  325.   9.  281.5   6.***  -9.00  999.  981.  8
 05 01 01 22   -0.2  0.019 -9.000 -9.000 -999.    6.      3.0 0.47 1.00
1.00    0.28  323.   9.  280.0   6.***  -9.00  999.  981. 10
 05 01 01 23   -0.2  0.019 -9.000 -9.000 -999.    6.      3.0 0.47 1.00
1.00    0.28  351.   9.  279.4   6.***  -9.00  999.  981. 10
 05 01 01 24   -0.4  0.027 -9.000 -9.000 -999.   10.      4.2 0.47 1.00
1.00    0.40   50.   9.  279.0   6.***  -9.00  999.  981. 10
```

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
05	01	01	01	5.5	0	-999.	-99.00	277.4	99.0	-99.00	-99.00
05	01	01	01	9.1	1	61.	0.40	-999.0	99.0	-99.00	-99.00

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

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0029991 , L0029992 , L0029993 , L0029994 , L0029995 , L0029996 , L0029997 , L0029998 , L0029999 , L0030000 , L0030001 , L0030002 , L0030003 , L0030004 , L0030005 , L0030006 , L0030007 , L0030008 , L0030009 , L0030010 , L0030011 , L0030012 , L0030013 , L0030014 , L0030015 , L0030016 , L0030017 , L0030018 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
444781.98	3769929.39	1.56087	444818.37	3769929.39	1.53021
444854.76	3769929.39	1.50132	444891.15	3769929.39	1.47390
444927.54	3769929.39	1.44754	444963.93	3769929.39	1.42199
445000.32	3769929.39	1.39708	445036.71	3769929.39	1.37273
445073.10	3769929.39	1.34881	445109.49	3769929.39	1.32516
445145.88	3769929.39	1.30165	445182.27	3769929.39	1.27813
444781.98	3769940.96	1.50258	444818.37	3769940.96	1.47335
444854.76	3769940.96	1.44585	444891.15	3769940.96	1.41971
444927.54	3769940.96	1.39461	444963.93	3769940.96	1.37027
445000.32	3769940.96	1.34656	445036.71	3769940.96	1.32338
445073.10	3769940.96	1.30061	445109.49	3769940.96	1.27809
445145.88	3769940.96	1.25569	445182.27	3769940.96	1.23330

```
         444781.98    3769952.53        1.44853
444818.37    3769952.53        1.42063
         444854.76    3769952.53        1.39435
444891.15    3769952.53        1.36939
         444927.54    3769952.53        1.34545
444963.93    3769952.53        1.32224
         445000.32    3769952.53        1.29963
445036.71    3769952.53        1.27750
         445073.10    3769952.53        1.25576
445109.49    3769952.53        1.23430
         445145.88    3769952.53        1.21295
445182.27    3769952.53        1.19159
         444781.98    3769964.10        1.39829
444818.37    3769964.10        1.37161
         444854.76    3769964.10        1.34645
444891.15    3769964.10        1.32257
         444927.54    3769964.10        1.29967
444963.93    3769964.10        1.27750
         445000.32    3769964.10        1.25589
445036.71    3769964.10        1.23473
         445073.10    3769964.10        1.21396
445109.49    3769964.10        1.19346
         445145.88    3769964.10        1.17308
445182.27    3769964.10        1.15267
         445218.66    3769964.10        1.13199
444781.98    3769975.67        1.35144
         444818.37    3769975.67        1.32587
444854.76    3769975.67        1.30177
         444891.15    3769975.67        1.27889
444927.54    3769975.67        1.25695
         444963.93    3769975.67        1.23573
445000.32    3769975.67        1.21503
         445036.71    3769975.67        1.19477
445073.10    3769975.67        1.17489
         445109.49    3769975.67        1.15527
445145.88    3769975.67        1.13578
         445182.27    3769975.67        1.11627
445218.66    3769975.67        1.09646
         444781.98    3769987.24        1.30764
444818.37    3769987.24        1.28312
         444854.76    3769987.24        1.25998
444891.15    3769987.24        1.23802
         444927.54    3769987.24        1.21698
444963.93    3769987.24        1.19662
         445000.32    3769987.24        1.17679
445036.71    3769987.24        1.15737
         445073.10    3769987.24        1.13828
445109.49    3769987.24        1.11949
         445145.88    3769987.24        1.10083
445182.27    3769987.24        1.08213
         445218.66    3769987.24        1.06312
444781.98    3769998.81        1.26660
         444818.37    3769998.81        1.24305
444854.76    3769998.81        1.22082
```

444891.15 3769998.81 1.19970
444927.54 3769998.81 1.17950

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0029991 , L0029992 , L0029993 , L0029994 , L0029995 , L0029996 , L0029997 , L0029998 , L0029999 , L0030000 , L0030001 , L0030002 , L0030003 , L0030004 , L0030005 , L0030006 , L0030007 , L0030008 , L0030009 , L0030010 , L0030011 , L0030012 , L0030013 , L0030014 , L0030015 , L0030016 , L0030017 , L0030018 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
444963.93	3769998.81	1.15994	445000.32	3769998.81	1.14090
445036.71	3769998.81	1.12224	445073.10	3769998.81	1.10393
445109.49	3769998.81	1.08589	445145.88	3769998.81	1.06799
445182.27	3769998.81	1.05004	445218.66	3769998.81	1.03177
444781.98	3770010.38	1.22808	444818.37	3770010.38	1.20543
444854.76	3770010.38	1.18402	444891.15	3770010.38	1.16371
444927.54	3770010.38	1.14426	444963.93	3770010.38	1.12545
445000.32	3770010.38	1.10713	445036.71	3770010.38	1.08920
445073.10	3770010.38	1.07161	445109.49	3770010.38	1.05427
445145.88	3770010.38	1.03708	445182.27	3770010.38	1.01983
445218.66	3770010.38	1.00224	444781.98	3770021.95	1.19183
444818.37	3770021.95	1.17001	444854.76	3770021.95	1.14940

```
         444891.15    3770021.95        1.12983
444927.54    3770021.95        1.11108
         444963.93    3770021.95        1.09297
445000.32    3770021.95        1.07532
         445036.71    3770021.95        1.05806
445073.10    3770021.95        1.04113
         445109.49    3770021.95        1.02446
445145.88    3770021.95        1.00793
         445182.27    3770021.95        0.99133
445218.66    3770021.95        0.97438
         444781.98    3770033.52        1.15764
444818.37    3770033.52        1.13663
         444854.76    3770033.52        1.11674
444891.15    3770033.52        1.09786
         444927.54    3770033.52        1.07978
444963.93    3770033.52        1.06230
         445000.32    3770033.52        1.04530
445036.71    3770033.52        1.02867
         445073.10    3770033.52        1.01236
445109.49    3770033.52        0.99631
         445145.88    3770033.52        0.98038
445182.27    3770033.52        0.96438
         445218.66    3770033.52        0.94804
445249.38    3770033.52        0.93383
         444781.98    3770045.09        1.12535
444818.37    3770045.09        1.10509
         444854.76    3770045.09        1.08589
444891.15    3770045.09        1.06765
         444927.54    3770045.09        1.05019
444963.93    3770045.09        1.03332
         445000.32    3770045.09        1.01691
445036.71    3770045.09        1.00087
         445073.10    3770045.09        0.98514
445109.49    3770045.09        0.96967
         445145.88    3770045.09        0.95431
445182.27    3770045.09        0.93886
         445218.66    3770045.09        0.92309
445255.05    3770045.09        0.90679
         444818.37    3770056.66        1.07522
444854.76    3770056.66        1.05669
         444891.15    3770056.66        1.03904
444927.54    3770056.66        1.02217
         444963.93    3770056.66        1.00587
445000.32    3770056.66        0.99002
         445036.71    3770056.66        0.97454
445073.10    3770056.66        0.95936
         445109.49    3770056.66        0.94442
445145.88    3770056.66        0.92959
         445182.27    3770056.66        0.91466
445218.66    3770056.66        0.89943
         445255.05    3770056.66        0.88368
444818.37    3770068.23        1.04692
         444854.76    3770068.23        1.02900
444891.15    3770068.23        1.01193
```

444927.54 3770068.23 0.99559
444963.93 3770068.23 0.97982

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0029991 , L0029992 , L0029993 , L0029994 , L0029995 , L0029996 , L0029997 , L0029998 , L0029999 , L0030000 , L0030001 , L0030002 , L0030003 , L0030004 , L0030005 , L0030006 , L0030007 , L0030008 , L0030009 , L0030010 , L0030011 , L0030012 , L0030013 , L0030014 , L0030015 , L0030016 , L0030017 , L0030018 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
445000.32	3770068.23	0.96451	445036.71	3770068.23	0.94955
445073.10	3770068.23	0.93490	445109.49	3770068.23	0.92047
445145.88	3770068.23	0.90612	445182.27	3770068.23	0.89168
445218.66	3770068.23	0.87695	445255.05	3770068.23	0.86172
444818.37	3770079.80	1.02004	444854.76	3770079.80	1.00270
444891.15	3770079.80	0.98618	444927.54	3770079.80	0.97035
444963.93	3770079.80	0.95509	445000.32	3770079.80	0.94027
445036.71	3770079.80	0.92581	445073.10	3770079.80	0.91164
445109.49	3770079.80	0.89768	445145.88	3770079.80	0.88380
445182.27	3770079.80	0.86982	445218.66	3770079.80	0.85557
445255.05	3770079.80	0.84083	444818.37	3770091.37	0.99449
444854.76	3770091.37	0.97769	444891.15	3770091.37	0.96169

```
         444927.54    3770091.37        0.94635
444963.93    3770091.37        0.93156
         445000.32    3770091.37        0.91721
445036.71    3770091.37        0.90323
         445073.10    3770091.37        0.88951
445109.49    3770091.37        0.87599
         445145.88    3770091.37        0.86255
445182.27    3770091.37        0.84900
         445218.66    3770091.37        0.83518
445255.05    3770091.37        0.82092
         444818.37    3770102.94        0.97015
444854.76    3770102.94        0.95387
         444891.15    3770102.94        0.93835
444927.54    3770102.94        0.92349
         444963.93    3770102.94        0.90915
445000.32    3770102.94        0.89525
         445036.71    3770102.94        0.88169
445073.10    3770102.94        0.86842
         445109.49    3770102.94        0.85532
445145.88    3770102.94        0.84228
         445182.27    3770102.94        0.82915
445218.66    3770102.94        0.81576
         445255.05    3770102.94        0.80193
444818.37    3770114.51        0.94694
         444854.76    3770114.51        0.93116
444891.15    3770114.51        0.91611
         444927.54    3770114.51        0.90168
444963.93    3770114.51        0.88778
         445000.32    3770112.15        0.87850
445036.71    3770112.15        0.86528
         445073.10    3770111.76        0.85299
445109.49    3770111.28        0.84101
         445145.88    3770110.81        0.82903
445182.73    3770110.35        0.81674
         445217.74    3770109.89        0.80484
445271.22    3770102.96        0.79559
```

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0029991 , L0029992 , L0029993 , L0029994 , L0029995 , L0029996 , L0029997 , L0029998 , L0029999 , L0030000 , L0030001 , L0030002 , L0030003 , L0030004 , L0030005 , L0030006 , L0030007 , L0030008 , L0030009 , L0030010 , L0030011 , L0030012 , L0030013 , L0030014 , L0030015 , L0030016 , L0030017 , L0030018 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
444781.98	3769929.39	3.51821	(08120824)	444818.37	3769929.39	3.44999	(08120824)
444854.76	3769929.39	3.38337	(08120824)	444891.15	3769929.39	3.31654	(08120824)
444927.54	3769929.39	3.24827	(08120824)	444963.93	3769929.39	3.17916	(08120824)
445000.32	3769929.39	3.11063	(08120824)	445036.71	3769929.39	3.04372	(08120824)
445073.10	3769929.39	2.97829	(08120824)	445109.49	3769929.39	2.93676	(07021224)
445145.88	3769929.39	2.90278	(07021224)	445182.27	3769929.39	2.87057	(07021224)
444781.98	3769940.96	3.38988	(08120824)	444818.37	3769940.96	3.32409	(08120824)
444854.76	3769940.96	3.25965	(08120824)	444891.15	3769940.96	3.19482	(08120824)
444927.54	3769940.96	3.12889	(08120824)	444963.93	3769940.96	3.06259	(08120824)
445000.32	3769940.96	2.99747	(08120824)	445036.71	3769940.96	2.93427	(08120824)
445073.10	3769940.96	2.87611	(07021224)	445109.49	3769940.96	2.84270	(07021224)
445145.88	3769940.96	2.81048	(07021224)	445182.27	3769940.96	2.78008	(07021224)

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        444781.98   3769952.53        3.27022  (08120824)
444818.37   3769952.53        3.20672  (08120824)
        444854.76   3769952.53        3.14422  (08120824)
444891.15   3769952.53        3.08145  (08120824)
        444927.54   3769952.53        3.01797  (08120824)
444963.93   3769952.53        2.95467  (08120824)
        445000.32   3769952.53        2.89282  (08120824)
445036.71   3769952.53        2.83282  (08120824)
        445073.10   3769952.53        2.78683  (07021224)
445109.49   3769952.53        2.75514  (07021224)
        445145.88   3769952.53        2.72471  (07021224)
445182.27   3769952.53        2.69580  (07021224)
        444781.98   3769964.10        3.15827  (08120824)
444818.37   3769964.10        3.09678  (08120824)
        444854.76   3769964.10        3.03602  (08120824)
444891.15   3769964.10        2.97519  (08120824)
        444927.54   3769964.10        2.91422  (08120824)
444963.93   3769964.10        2.85380  (08120824)
        445000.32   3769964.10        2.79515  (08120824)
445036.71   3769964.10        2.73782  (08120824)
        445073.10   3769964.10        2.70298  (07021224)
445109.49   3769964.10        2.67301  (07021224)
        445145.88   3769964.10        2.64428  (07021224)
445182.27   3769964.10        2.61684  (07021224)
        445218.66   3769964.10        2.59104  (07021224)
444781.98   3769975.67        3.05346  (08120824)
        444818.37   3769975.67        2.99374  (08120824)
444854.76   3769975.67        2.93465  (08120824)
        444891.15   3769975.67        2.87575  (08120824)
444927.54   3769975.67        2.81738  (08120824)
        444963.93   3769975.67        2.75987  (08120824)
445000.32   3769975.67        2.70410  (08120824)
        445036.71   3769975.67        2.65380  (07021224)
445073.10   3769975.67        2.62424  (07021224)
        445109.49   3769975.67        2.59578  (07021224)
445145.88   3769975.67        2.56855  (07021224)
        445182.27   3769975.67        2.54255  (07021224)
445218.66   3769975.67        2.51804  (07021224)
        444781.98   3769987.24        2.95488  (08120824)
444818.37   3769987.24        2.89690  (08120824)
        444854.76   3769987.24        2.83957  (08120824)
444891.15   3769987.24        2.78279  (08120824)
        444927.54   3769987.24        2.72695  (08120824)
444963.93   3769987.24        2.67224  (08120824)
        445000.32   3769987.24        2.61894  (08120824)
445036.71   3769987.24        2.57869  (07021224)
        445073.10   3769987.24        2.55046  (07021224)
445109.49   3769987.24        2.52342  (07021224)
        445145.88   3769987.24        2.49752  (07021224)
445182.27   3769987.24        2.47272  (07021224)
        445218.66   3769987.24        2.44918  (07021224)
444781.98   3769998.81        2.86204  (08120824)
        444818.37   3769998.81        2.80570  (08120824)
444854.76   3769998.81        2.75011  (08120824)
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444891.15 3769998.81 2.69543 (08120824)
444927.54 3769998.81 2.64208 (08120824)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0029991 , L0029992 , L0029993 , L0029994 , L0029995 , L0029996 , L0029997 , L0029998 , L0029999 , L0030000 , L0030001 , L0030002 , L0030003 , L0030004 , L0030005 , L0030006 , L0030007 , L0030008 , L0030009 , L0030010 , L0030011 , L0030012 , L0030013 , L0030014 , L0030015 , L0030016 , L0030017 , L0030018 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
444963.93	3769998.81	2.59000	(08120824)	445000.32	3769998.81	2.53879	(08120824)
445036.71	3769998.81	2.50780	(07021224)	445073.10	3769998.81	2.48084	(07021224)
445109.49	3769998.81	2.45510	(07021224)	445145.88	3769998.81	2.43049	(07021224)
445182.27	3769998.81	2.40681	(07021224)	445218.66	3769998.81	2.38429	(07021224)
444781.98	3770010.38	2.77459	(08120824)	444818.37	3770010.38	2.71984	(08120824)
444854.76	3770010.38	2.66604	(08120824)	444891.15	3770010.38	2.61348	(08120824)
444927.54	3770010.38	2.56249	(08120824)	444963.93	3770010.38	2.51280	(08120824)
445000.32	3770010.38	2.46814	(07021224)	445036.71	3770010.38	2.44082	(07021224)
445073.10	3770010.38	2.41509	(07021224)	445109.49	3770010.38	2.39046	(07021224)
445145.88	3770010.38	2.36699	(07021224)	445182.27	3770010.38	2.34448	(07021224)
445218.66	3770010.38	2.32273	(07021224)	444781.98	3770021.95	2.69185	(08120824)
444818.37	3770021.95	2.63880	(08120824)	444854.76	3770021.95	2.58691	(08120824)

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        444891.15   3770021.95        2.53647  (08120824)
444927.54   3770021.95        2.48763  (08120824)
        444963.93   3770021.95        2.44000  (08120824)
445000.32   3770021.95        2.40407  (07021224)
        445036.71   3770021.95        2.37775  (07021224)
445073.10   3770021.95        2.35290  (07021224)
        445109.49   3770021.95        2.32939  (07021224)
445145.88   3770021.95        2.30688  (07021224)
        445182.27   3770021.95        2.28529  (07021224)
445218.66   3770021.95        2.26407  (07021224)
        444781.98   3770033.52        2.61371  (08120824)
444818.37   3770033.52        2.56235  (08120824)
        444854.76   3770033.52        2.51232  (08120824)
444891.15   3770033.52        2.46389  (08120824)
        444927.54   3770033.52        2.41714  (08120824)
444963.93   3770033.52        2.37127  (08120824)
        445000.32   3770033.52        2.34328  (07021224)
445036.71   3770033.52        2.31784  (07021224)
        445073.10   3770033.52        2.29392  (07021224)
445109.49   3770033.52        2.27134  (07021224)
        445145.88   3770033.52        2.24986  (07021224)
445182.27   3770033.52        2.22924  (07021224)
        445218.66   3770033.52        2.20831  (07021224)
445249.38   3770033.52        2.18268  (07021224)
        444781.98   3770045.09        2.53983  (08120824)
444818.37   3770045.09        2.49011  (08120824)
        444854.76   3770045.09        2.44190  (08120824)
444891.15   3770045.09        2.39544  (08120824)
        444927.54   3770045.09        2.35063  (08120824)
444963.93   3770045.09        2.31149  (07021224)
        445000.32   3770045.09        2.28540  (07021224)
445036.71   3770045.09        2.26084  (07021224)
        445073.10   3770045.09        2.23788  (07021224)
445109.49   3770045.09        2.21620  (07021224)
        445145.88   3770045.09        2.19566  (07021224)
445182.27   3770045.09        2.17589  (07021224)
        445218.66   3770045.09        2.15487  (07021224)
445255.05   3770045.09        2.12149  (07021224)
        444818.37   3770056.66        2.42173  (08120824)
444854.76   3770056.66        2.37541  (08120824)
        444891.15   3770056.66        2.33087  (08120824)
444927.54   3770056.66        2.28766  (08120824)
        444963.93   3770056.66        2.25574  (07021224)
445000.32   3770056.66        2.23058  (07021224)
        445036.71   3770056.66        2.20685  (07021224)
445073.10   3770056.66        2.18467  (07021224)
        445109.49   3770056.66        2.16375  (07021224)
445145.88   3770056.66        2.14404  (07021224)
        445182.27   3770056.66        2.12509  (07021224)
445218.66   3770056.66        2.10368  (07021224)
        445255.05   3770056.66        2.06895  (07021224)
444818.37   3770068.23        2.35706  (08120824)
        444854.76   3770068.23        2.31251  (08120824)
444891.15   3770068.23        2.26976  (08120824)
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444927.54 3770068.23 2.22817 (07021224)
444963.93 3770068.23 2.20263 (07021224)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0029991 , L0029992 , L0029993 , L0029994 , L0029995 , L0029996 , L0029997 , L0029998 , L0029999 , L0030000 , L0030001 , L0030002 , L0030003 , L0030004 , L0030005 , L0030006 , L0030007 , L0030008 , L0030009 , L0030010 , L0030011 , L0030012 , L0030013 , L0030014 , L0030015 , L0030016 , L0030017 , L0030018 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
445000.32	3770068.23	2.17832	(07021224)	445036.71	3770068.23	2.15538	(07021224)
445073.10	3770068.23	2.13405	(07021224)	445109.49	3770068.23	2.11394	(07021224)
445145.88	3770068.23	2.09495	(07021224)	445182.27	3770068.23	2.07674	(07021224)
445218.66	3770068.23	2.05468	(07021224)	445255.05	3770068.23	2.02456	(07040624)
444818.37	3770079.80	2.29575	(08120824)	444854.76	3770079.80	2.25294	(08120824)
444891.15	3770079.80	2.21179	(08120824)	444927.54	3770079.80	2.17666	(07021224)
444963.93	3770079.80	2.15199	(07021224)	445000.32	3770079.80	2.12852	(07021224)
445036.71	3770079.80	2.10636	(07021224)	445073.10	3770079.80	2.08570	(07021224)
445109.49	3770079.80	2.06636	(07021224)	445145.88	3770079.80	2.04811	(07021224)
445182.27	3770079.80	2.03037	(07021224)	445218.66	3770079.80	2.00743	(07021224)
445255.05	3770079.80	1.98209	(07040624)	444818.37	3770091.37	2.23762	(08120824)
444854.76	3770091.37	2.19649	(08120824)	444891.15	3770091.37	2.15679	(08120824)

444927.54 3770091.37 2.12766 (07021224)
444963.93 3770091.37 2.10376 (07021224)
445000.32 3770091.37 2.08107 (07021224)
445036.71 3770091.37 2.05966 (07021224)
445073.10 3770091.37 2.03963 (07021224)
445109.49 3770091.37 2.02087 (07021224)
445145.88 3770091.37 2.00323 (07021224)
445182.27 3770091.37 1.98584 (07021224)
445218.66 3770091.37 1.96195 (07021224)
445255.05 3770091.37 1.94142 (07040624)
444818.37 3770102.94 2.18248 (08120824)
444854.76 3770102.94 2.14286 (08120824)
444891.15 3770102.94 2.10538 (07021224)
444927.54 3770102.94 2.08083 (07021224)
444963.93 3770102.94 2.05771 (07021224)
445000.32 3770102.94 2.03569 (07021224)
445036.71 3770102.94 2.01498 (07021224)
445073.10 3770102.94 1.99566 (07021224)
445109.49 3770102.94 1.97753 (07021224)
445145.88 3770102.94 1.96040 (07021224)
445182.27 3770102.94 1.94310 (07021224)
445218.66 3770102.94 1.91825 (07021224)
445255.05 3770102.94 1.90244 (07040624)
444818.37 3770114.51 2.12999 (08120824)
444854.76 3770114.51 2.09181 (08120824)
444891.15 3770114.51 2.05991 (07021224)
444927.54 3770114.51 2.03598 (07021224)
444963.93 3770114.51 2.01358 (07021224)
445000.32 3770112.15 2.00105 (07021224)
445036.71 3770112.15 1.98086 (07021224)
445073.10 3770111.76 1.96335 (07021224)
445109.49 3770111.28 1.94733 (07021224)
445145.88 3770110.81 1.93230 (07021224)
445182.73 3770110.35 1.91626 (07021224)
445217.74 3770109.89 1.89356 (07021224)
445271.22 3770102.96 1.89872 (07040624)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

NETWORK GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	1.56087 AT (444781.98, 3769929.39, 270.00, 270.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	1.53021 AT (444818.37, 3769929.39, 270.00, 270.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	1.50258 AT (444781.98, 3769940.96, 270.00, 270.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	1.50132 AT (444854.76, 3769929.39, 270.00, 270.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	1.47390 AT (444891.15, 3769929.39, 270.00, 270.00, 0.00)	DC	
	6TH HIGHEST VALUE IS	1.47335 AT (444818.37, 3769940.96, 270.00, 270.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	1.44853 AT (444781.98, 3769952.53, 270.00, 270.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	1.44754 AT (444927.54, 3769929.39, 270.00, 270.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	1.44585 AT (444854.76, 3769940.96, 270.00, 270.00, 0.00)	DC	
	10TH HIGHEST VALUE IS	1.42199 AT (444963.93, 3769929.39, 270.00, 270.00, 0.00)	DC	

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

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

NETWORK GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	3.51821	ON 08120824: AT (444781.98, 3769929.39, 270.00, 270.00, 0.00)	DC	

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

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

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

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

A Total of 0 Fatal Error Message(s)
A Total of 3 Warning Message(s)
A Total of 845 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 0 Calm Hours Identified

A Total of 845 Missing Hours Identified (1.93 Percent)

Met Data File Includes 0.00 Millimeters (0.000 Inches) of Precipitation

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

******** WARNING MESSAGES ********
ME W396 3157 MEOPEN: Met data from outdated version of AERMET, version: 12345
ME W531 3157 MEOPEN: CAUTION! Met Station ID Missing from SURFFILE for SURFDATA
MX W496 43825 MAIN: Total precipitation in SURFFILE is zero (0.0) with WetDepos

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

AERMOD MODEL OUTPUT SUMMARY FILE (PM2.5)

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.7.0
** Lakes Environmental Software Inc.
** Date: 10/17/2014
** File: U:\UcJobs\_08600-09000\_09000\09034\AERMOD\Residences Near FWY
HRA\PM 2\PM 2.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE U:\UcJobs\_08600-09000\_09000\09034\AERMOD\Residences Near
FWY HRA\r
   MODELOPT CONC DRYDPLT FLAT  FASTALL
   AVERTIME 24
   URBANOPT 2015355
   POLLUTID PM_2.5
   RUNORNOT RUN
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 = SLINE1
** DESCRSRC Eastbound on the 10
** PREFIX
** Length of Side = 18.80
** Configuration = Adjacent
** Emission Rate = 0.084887
** Vertical Dimension = 5.85
** SZINIT = 2.72
** Nodes = 13
** 445449.445, 3769597.302, 0.00, 0.00, 8.74
** 444841.645, 3769606.033, 0.00, 0.00, 8.74
** 444750.998, 3769608.551, 0.00, 0.00, 8.74
** 444641.465, 3769619.882, 0.00, 0.00, 8.74
** 444533.191, 3769634.990, 0.00, 0.00, 8.74
** 444412.957, 3769654.504, 0.00, 0.00, 8.74
** 444242.993, 3769696.681, 0.00, 0.00, 8.74
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** 444049.737, 3769762.778, 0.00, 0.00, 8.74
** 443921.949, 3769816.915, 0.00, 0.00, 8.74
** 443784.718, 3769886.789, 0.00, 0.00, 8.74
** 443623.567, 3769984.991, 0.00, 0.00, 8.74
** 443434.718, 3770115.297, 0.00, 0.00, 8.74
** 442982.277, 3770432.001, 0.00, 0.00, 8.74
** ------------------------------------------------------------------
   LOCATION L0030531     VOLUME   445440.046 3769597.437 0.0
   LOCATION L0030532     VOLUME   445421.248 3769597.707 0.0
   LOCATION L0030533     VOLUME   445402.450 3769597.977 0.0
   LOCATION L0030534     VOLUME   445383.652 3769598.247 0.0
   LOCATION L0030535     VOLUME   445364.854 3769598.517 0.0
   LOCATION L0030536     VOLUME   445346.056 3769598.787 0.0
   LOCATION L0030537     VOLUME   445327.258 3769599.057 0.0
   LOCATION L0030538     VOLUME   445308.460 3769599.327 0.0
   LOCATION L0030539     VOLUME   445289.662 3769599.597 0.0
   LOCATION L0030540     VOLUME   445270.864 3769599.867 0.0
   LOCATION L0030541     VOLUME   445252.066 3769600.137 0.0
   LOCATION L0030542     VOLUME   445233.268 3769600.407 0.0
   LOCATION L0030543     VOLUME   445214.470 3769600.677 0.0
   LOCATION L0030544     VOLUME   445195.672 3769600.947 0.0
   LOCATION L0030545     VOLUME   445176.873 3769601.217 0.0
   LOCATION L0030546     VOLUME   445158.075 3769601.487 0.0
   LOCATION L0030547     VOLUME   445139.277 3769601.757 0.0
   LOCATION L0030548     VOLUME   445120.479 3769602.028 0.0
   LOCATION L0030549     VOLUME   445101.681 3769602.298 0.0
   LOCATION L0030550     VOLUME   445082.883 3769602.568 0.0
   LOCATION L0030551     VOLUME   445064.085 3769602.838 0.0
   LOCATION L0030552     VOLUME   445045.287 3769603.108 0.0
   LOCATION L0030553     VOLUME   445026.489 3769603.378 0.0
   LOCATION L0030554     VOLUME   445007.691 3769603.648 0.0
   LOCATION L0030555     VOLUME   444988.893 3769603.918 0.0
   LOCATION L0030556     VOLUME   444970.095 3769604.188 0.0
   LOCATION L0030557     VOLUME   444951.297 3769604.458 0.0
   LOCATION L0030558     VOLUME   444932.499 3769604.728 0.0
   LOCATION L0030559     VOLUME   444913.701 3769604.998 0.0
   LOCATION L0030560     VOLUME   444894.903 3769605.268 0.0
   LOCATION L0030561     VOLUME   444876.104 3769605.538 0.0
   LOCATION L0030562     VOLUME   444857.306 3769605.808 0.0
   LOCATION L0030563     VOLUME   444838.509 3769606.120 0.0
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   LOCATION L0030567     VOLUME   444763.338 3769608.208 0.0
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   LOCATION L0030662     VOLUME   443154.452 3770311.480 0.0
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** End of LINE VOLUME Source ID = SLINE1
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Westbound on the 10
** PREFIX
** Length of Side = 18.80
** Configuration = Adjacent
** Emission Rate = 0.084127
** Vertical Dimension = 5.85
** SZINIT = 2.72
** Nodes = 15
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   LOCATION L0030814     VOLUME   445433.103 3769624.325 0.0
** End of LINE VOLUME Source ID = SLINE2
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Eastbound On Ramp
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** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.003055
** Vertical Dimension = 5.12
** SZINIT = 2.38
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** 443890.877, 3769802.058, 0.00, 0.00, 4.19
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   LOCATION L0030819     VOLUME   443730.632 3769878.112 0.0
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   LOCATION L0030821     VOLUME   443747.200 3769871.076 0.0
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   LOCATION L0030848     VOLUME   443970.289 3769776.585 0.0
   LOCATION L0030849     VOLUME   443978.859 3769773.836 0.0
   LOCATION L0030850     VOLUME   443987.429 3769771.087 0.0
   LOCATION L0030851     VOLUME   443995.999 3769768.338 0.0
   LOCATION L0030852     VOLUME   444004.569 3769765.589 0.0
   LOCATION L0030853     VOLUME   444013.139 3769762.841 0.0
   LOCATION L0030854     VOLUME   444021.709 3769760.092 0.0
   LOCATION L0030855     VOLUME   444030.279 3769757.343 0.0
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   LOCATION L0030856     VOLUME   444038.849 3769754.594 0.0
   LOCATION L0030857     VOLUME   444047.419 3769751.845 0.0
   LOCATION L0030858     VOLUME   444055.988 3769749.096 0.0
   LOCATION L0030859     VOLUME   444064.558 3769746.347 0.0
   LOCATION L0030860     VOLUME   444073.128 3769743.598 0.0
   LOCATION L0030861     VOLUME   444081.698 3769740.849 0.0
   LOCATION L0030862     VOLUME   444090.268 3769738.100 0.0
   LOCATION L0030863     VOLUME   444098.838 3769735.351 0.0
   LOCATION L0030864     VOLUME   444107.408 3769732.602 0.0
   LOCATION L0030865     VOLUME   444115.978 3769729.854 0.0
   LOCATION L0030866     VOLUME   444124.548 3769727.105 0.0
   LOCATION L0030867     VOLUME   444133.118 3769724.356 0.0
   LOCATION L0030868     VOLUME   444141.688 3769721.607 0.0
   LOCATION L0030869     VOLUME   444150.258 3769718.858 0.0
   LOCATION L0030870     VOLUME   444158.827 3769716.109 0.0
   LOCATION L0030871     VOLUME   444167.397 3769713.360 0.0
   LOCATION L0030872     VOLUME   444175.967 3769710.611 0.0
   LOCATION L0030873     VOLUME   444184.537 3769707.862 0.0
   LOCATION L0030874     VOLUME   444193.107 3769705.113 0.0
   LOCATION L0030875     VOLUME   444201.729 3769702.538 0.0
   LOCATION L0030876     VOLUME   444210.393 3769700.100 0.0
   LOCATION L0030877     VOLUME   444219.056 3769697.662 0.0
   LOCATION L0030878     VOLUME   444227.720 3769695.224 0.0
   LOCATION L0030879     VOLUME   444236.383 3769692.786 0.0
   LOCATION L0030880     VOLUME   444245.047 3769690.348 0.0
   LOCATION L0030881     VOLUME   444253.710 3769687.910 0.0
   LOCATION L0030882     VOLUME   444262.374 3769685.472 0.0
   LOCATION L0030883     VOLUME   444271.037 3769683.034 0.0
   LOCATION L0030884     VOLUME   444279.701 3769680.596 0.0
   LOCATION L0030885     VOLUME   444288.364 3769678.158 0.0
   LOCATION L0030886     VOLUME   444297.028 3769675.719 0.0
   LOCATION L0030887     VOLUME   444305.691 3769673.281 0.0
   LOCATION L0030888     VOLUME   444314.355 3769670.843 0.0
   LOCATION L0030889     VOLUME   444323.018 3769668.405 0.0
   LOCATION L0030890     VOLUME   444331.681 3769665.967 0.0
   LOCATION L0030891     VOLUME   444340.345 3769663.529 0.0
   LOCATION L0030892     VOLUME   444349.008 3769661.091 0.0
   LOCATION L0030893     VOLUME   444357.672 3769658.653 0.0
** End of LINE VOLUME Source ID = SLINE3
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Eastbound Off Ramp
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.001483
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 7
** 443434.721, 3770105.734, 0.00, 0.00, 4.19
** 443513.378, 3770039.550, 0.00, 0.00, 4.19
** 443562.664, 3769990.465, 0.00, 0.00, 4.19
** 443603.299, 3769952.042, 0.00, 0.00, 4.19
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** 443629.554, 3769929.400, 0.00, 0.00, 4.19
** 443668.092, 3769910.812, 0.00, 0.00, 4.19
** 443675.346, 3769907.638, 0.00, 0.00, 4.19
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   LOCATION L0030894     VOLUME   443438.165 3770102.837 0.0
   LOCATION L0030895     VOLUME   443445.051 3770097.042 0.0
   LOCATION L0030896     VOLUME   443451.938 3770091.248 0.0
   LOCATION L0030897     VOLUME   443458.824 3770085.453 0.0
   LOCATION L0030898     VOLUME   443465.711 3770079.659 0.0
   LOCATION L0030899     VOLUME   443472.597 3770073.864 0.0
   LOCATION L0030900     VOLUME   443479.484 3770068.070 0.0
   LOCATION L0030901     VOLUME   443486.370 3770062.275 0.0
   LOCATION L0030902     VOLUME   443493.257 3770056.481 0.0
   LOCATION L0030903     VOLUME   443500.143 3770050.686 0.0
   LOCATION L0030904     VOLUME   443507.030 3770044.892 0.0
   LOCATION L0030905     VOLUME   443513.876 3770039.054 0.0
   LOCATION L0030906     VOLUME   443520.253 3770032.703 0.0
   LOCATION L0030907     VOLUME   443526.630 3770026.352 0.0
   LOCATION L0030908     VOLUME   443533.007 3770020.001 0.0
   LOCATION L0030909     VOLUME   443539.384 3770013.650 0.0
   LOCATION L0030910     VOLUME   443545.761 3770007.299 0.0
   LOCATION L0030911     VOLUME   443552.138 3770000.948 0.0
   LOCATION L0030912     VOLUME   443558.515 3769994.597 0.0
   LOCATION L0030913     VOLUME   443564.949 3769988.305 0.0
   LOCATION L0030914     VOLUME   443571.488 3769982.121 0.0
   LOCATION L0030915     VOLUME   443578.028 3769975.938 0.0
   LOCATION L0030916     VOLUME   443584.567 3769969.754 0.0
   LOCATION L0030917     VOLUME   443591.107 3769963.571 0.0
   LOCATION L0030918     VOLUME   443597.646 3769957.388 0.0
   LOCATION L0030919     VOLUME   443604.223 3769951.246 0.0
   LOCATION L0030920     VOLUME   443611.039 3769945.368 0.0
   LOCATION L0030921     VOLUME   443617.854 3769939.490 0.0
   LOCATION L0030922     VOLUME   443624.670 3769933.612 0.0
   LOCATION L0030923     VOLUME   443631.851 3769928.292 0.0
   LOCATION L0030924     VOLUME   443639.958 3769924.382 0.0
   LOCATION L0030925     VOLUME   443648.064 3769920.472 0.0
   LOCATION L0030926     VOLUME   443656.170 3769916.562 0.0
   LOCATION L0030927     VOLUME   443664.276 3769912.652 0.0
   LOCATION L0030928     VOLUME   443672.456 3769908.902 0.0
** End of LINE VOLUME Source ID = SLINE4
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC Westbound On Ramp from NB
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.001676
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 10
** 443736.883, 3770048.559, 0.00, 0.00, 4.19
** 443813.192, 3770026.592, 0.00, 0.00, 4.19
** 443844.024, 3770001.541, 0.00, 0.00, 4.19
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** 443859.825, 3769971.865, 0.00, 0.00, 4.19
** 443854.815, 3769946.814, 0.00, 0.00, 4.19
** 443836.701, 3769928.700, 0.00, 0.00, 4.19
** 443818.587, 3769925.617, 0.00, 0.00, 4.19
** 443789.682, 3769934.481, 0.00, 0.00, 4.19
** 443698.342, 3769978.417, 0.00, 0.00, 4.19
** 443603.149, 3770038.154, 0.00, 0.00, 4.19
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   LOCATION L0030929     VOLUME   443741.207 3770047.315 0.0
   LOCATION L0030930     VOLUME   443749.856 3770044.825 0.0
   LOCATION L0030931     VOLUME   443758.504 3770042.335 0.0
   LOCATION L0030932     VOLUME   443767.153 3770039.845 0.0
   LOCATION L0030933     VOLUME   443775.802 3770037.355 0.0
   LOCATION L0030934     VOLUME   443784.451 3770034.866 0.0
   LOCATION L0030935     VOLUME   443793.099 3770032.376 0.0
   LOCATION L0030936     VOLUME   443801.748 3770029.886 0.0
   LOCATION L0030937     VOLUME   443810.397 3770027.396 0.0
   LOCATION L0030938     VOLUME   443817.920 3770022.750 0.0
   LOCATION L0030939     VOLUME   443824.905 3770017.075 0.0
   LOCATION L0030940     VOLUME   443831.890 3770011.400 0.0
   LOCATION L0030941     VOLUME   443838.875 3770005.724 0.0
   LOCATION L0030942     VOLUME   443845.136 3769999.453 0.0
   LOCATION L0030943     VOLUME   443849.366 3769991.509 0.0
   LOCATION L0030944     VOLUME   443853.596 3769983.565 0.0
   LOCATION L0030945     VOLUME   443857.825 3769975.621 0.0
   LOCATION L0030946     VOLUME   443858.895 3769967.212 0.0
   LOCATION L0030947     VOLUME   443857.130 3769958.387 0.0
   LOCATION L0030948     VOLUME   443855.365 3769949.562 0.0
   LOCATION L0030949     VOLUME   443850.433 3769942.431 0.0
   LOCATION L0030950     VOLUME   443844.069 3769936.067 0.0
   LOCATION L0030951     VOLUME   443837.705 3769929.703 0.0
   LOCATION L0030952     VOLUME   443829.228 3769927.428 0.0
   LOCATION L0030953     VOLUME   443820.356 3769925.918 0.0
   LOCATION L0030954     VOLUME   443811.698 3769927.730 0.0
   LOCATION L0030955     VOLUME   443803.093 3769930.368 0.0
   LOCATION L0030956     VOLUME   443794.489 3769933.007 0.0
   LOCATION L0030957     VOLUME   443786.102 3769936.203 0.0
   LOCATION L0030958     VOLUME   443777.992 3769940.104 0.0
   LOCATION L0030959     VOLUME   443769.881 3769944.005 0.0
   LOCATION L0030960     VOLUME   443761.771 3769947.907 0.0
   LOCATION L0030961     VOLUME   443753.660 3769951.808 0.0
   LOCATION L0030962     VOLUME   443745.550 3769955.709 0.0
   LOCATION L0030963     VOLUME   443737.439 3769959.610 0.0
   LOCATION L0030964     VOLUME   443729.329 3769963.512 0.0
   LOCATION L0030965     VOLUME   443721.218 3769967.413 0.0
   LOCATION L0030966     VOLUME   443713.108 3769971.314 0.0
   LOCATION L0030967     VOLUME   443704.997 3769975.215 0.0
   LOCATION L0030968     VOLUME   443696.974 3769979.275 0.0
   LOCATION L0030969     VOLUME   443689.351 3769984.059 0.0
   LOCATION L0030970     VOLUME   443681.728 3769988.843 0.0
   LOCATION L0030971     VOLUME   443674.104 3769993.627 0.0
   LOCATION L0030972     VOLUME   443666.481 3769998.411 0.0
   LOCATION L0030973     VOLUME   443658.858 3770003.194 0.0
   LOCATION L0030974     VOLUME   443651.234 3770007.978 0.0
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   LOCATION L0030975     VOLUME   443643.611 3770012.762 0.0
   LOCATION L0030976     VOLUME   443635.988 3770017.546 0.0
   LOCATION L0030977     VOLUME   443628.364 3770022.330 0.0
   LOCATION L0030978     VOLUME   443620.741 3770027.114 0.0
   LOCATION L0030979     VOLUME   443613.118 3770031.898 0.0
   LOCATION L0030980     VOLUME   443605.495 3770036.681 0.0
** End of LINE VOLUME Source ID = SLINE5
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE6
** DESCRSRC Westbound On Ramp from SB
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.000921
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 10
** 443692.515, 3770116.063, 0.00, 0.00, 4.19
** 443684.392, 3770090.217, 0.00, 0.00, 4.19
** 443677.746, 3770072.494, 0.00, 0.00, 4.19
** 443661.382, 3770055.772, 0.00, 0.00, 4.19
** 443645.962, 3770049.423, 0.00, 0.00, 4.19
** 443625.554, 3770044.434, 0.00, 0.00, 4.19
** 443606.961, 3770047.609, 0.00, 0.00, 4.19
** 443594.262, 3770053.958, 0.00, 0.00, 4.19
** 443576.575, 3770062.121, 0.00, 0.00, 4.19
** 443493.583, 3770111.553, 0.00, 0.00, 4.19
** ----------------------------------------------------------------------
   LOCATION L0030981     VOLUME   443691.166 3770111.770 0.0
   LOCATION L0030982     VOLUME   443688.468 3770103.184 0.0
   LOCATION L0030983     VOLUME   443685.769 3770094.598 0.0
   LOCATION L0030984     VOLUME   443682.845 3770086.090 0.0
   LOCATION L0030985     VOLUME   443679.685 3770077.663 0.0
   LOCATION L0030986     VOLUME   443675.313 3770070.007 0.0
   LOCATION L0030987     VOLUME   443669.018 3770063.575 0.0
   LOCATION L0030988     VOLUME   443662.723 3770057.142 0.0
   LOCATION L0030989     VOLUME   443654.833 3770053.075 0.0
   LOCATION L0030990     VOLUME   443646.511 3770049.648 0.0
   LOCATION L0030991     VOLUME   443637.796 3770047.426 0.0
   LOCATION L0030992     VOLUME   443629.053 3770045.289 0.0
   LOCATION L0030993     VOLUME   443620.233 3770045.342 0.0
   LOCATION L0030994     VOLUME   443611.362 3770046.857 0.0
   LOCATION L0030995     VOLUME   443602.904 3770049.637 0.0
   LOCATION L0030996     VOLUME   443594.854 3770053.662 0.0
   LOCATION L0030997     VOLUME   443586.692 3770057.452 0.0
   LOCATION L0030998     VOLUME   443578.520 3770061.223 0.0
   LOCATION L0030999     VOLUME   443570.683 3770065.630 0.0
   LOCATION L0031000     VOLUME   443562.951 3770070.236 0.0
   LOCATION L0031001     VOLUME   443555.219 3770074.842 0.0
   LOCATION L0031002     VOLUME   443547.486 3770079.447 0.0
   LOCATION L0031003     VOLUME   443539.754 3770084.053 0.0
   LOCATION L0031004     VOLUME   443532.022 3770088.658 0.0
   LOCATION L0031005     VOLUME   443524.289 3770093.264 0.0
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   LOCATION L0031006     VOLUME   443516.557 3770097.870 0.0
   LOCATION L0031007     VOLUME   443508.825 3770102.475 0.0
   LOCATION L0031008     VOLUME   443501.092 3770107.081 0.0
** End of LINE VOLUME Source ID = SLINE6
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC Westbound Off Ramp
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.003118
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 11
** 444162.465, 3769772.698, 0.00, 0.00, 4.19
** 443973.033, 3769851.672, 0.00, 0.00, 4.19
** 443913.269, 3769887.958, 0.00, 0.00, 4.19
** 443897.794, 3769913.037, 0.00, 0.00, 4.19
** 443881.785, 3769956.793, 0.00, 0.00, 4.19
** 443864.710, 3770002.684, 0.00, 0.00, 4.19
** 443850.836, 3770027.764, 0.00, 0.00, 4.19
** 443833.227, 3770044.306, 0.00, 0.00, 4.19
** 443802.277, 3770055.511, 0.00, 0.00, 4.19
** 443767.059, 3770064.049, 0.00, 0.00, 4.19
** 443730.774, 3770068.318, 0.00, 0.00, 4.19
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   LOCATION L0031009     VOLUME   444158.311 3769774.429 0.0
   LOCATION L0031010     VOLUME   444150.004 3769777.892 0.0
   LOCATION L0031011     VOLUME   444141.697 3769781.356 0.0
   LOCATION L0031012     VOLUME   444133.390 3769784.819 0.0
   LOCATION L0031013     VOLUME   444125.083 3769788.282 0.0
   LOCATION L0031014     VOLUME   444116.776 3769791.745 0.0
   LOCATION L0031015     VOLUME   444108.469 3769795.208 0.0
   LOCATION L0031016     VOLUME   444100.162 3769798.672 0.0
   LOCATION L0031017     VOLUME   444091.855 3769802.135 0.0
   LOCATION L0031018     VOLUME   444083.548 3769805.598 0.0
   LOCATION L0031019     VOLUME   444075.241 3769809.061 0.0
   LOCATION L0031020     VOLUME   444066.934 3769812.524 0.0
   LOCATION L0031021     VOLUME   444058.627 3769815.988 0.0
   LOCATION L0031022     VOLUME   444050.320 3769819.451 0.0
   LOCATION L0031023     VOLUME   444042.013 3769822.914 0.0
   LOCATION L0031024     VOLUME   444033.706 3769826.377 0.0
   LOCATION L0031025     VOLUME   444025.399 3769829.840 0.0
   LOCATION L0031026     VOLUME   444017.092 3769833.304 0.0
   LOCATION L0031027     VOLUME   444008.785 3769836.767 0.0
   LOCATION L0031028     VOLUME   444000.478 3769840.230 0.0
   LOCATION L0031029     VOLUME   443992.171 3769843.693 0.0
   LOCATION L0031030     VOLUME   443983.864 3769847.156 0.0
   LOCATION L0031031     VOLUME   443975.557 3769850.620 0.0
   LOCATION L0031032     VOLUME   443967.678 3769854.923 0.0
   LOCATION L0031033     VOLUME   443959.985 3769859.594 0.0
   LOCATION L0031034     VOLUME   443952.292 3769864.265 0.0
   LOCATION L0031035     VOLUME   443944.598 3769868.936 0.0
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   LOCATION L0031036     VOLUME   443936.905 3769873.607 0.0
   LOCATION L0031037     VOLUME   443929.212 3769878.277 0.0
   LOCATION L0031038     VOLUME   443921.519 3769882.948 0.0
   LOCATION L0031039     VOLUME   443913.826 3769887.619 0.0
   LOCATION L0031040     VOLUME   443908.885 3769895.062 0.0
   LOCATION L0031041     VOLUME   443904.159 3769902.721 0.0
   LOCATION L0031042     VOLUME   443899.433 3769910.380 0.0
   LOCATION L0031043     VOLUME   443895.774 3769918.557 0.0
   LOCATION L0031044     VOLUME   443892.682 3769927.010 0.0
   LOCATION L0031045     VOLUME   443889.590 3769935.462 0.0
   LOCATION L0031046     VOLUME   443886.498 3769943.914 0.0
   LOCATION L0031047     VOLUME   443883.405 3769952.366 0.0
   LOCATION L0031048     VOLUME   443880.291 3769960.810 0.0
   LOCATION L0031049     VOLUME   443877.152 3769969.245 0.0
   LOCATION L0031050     VOLUME   443874.014 3769977.680 0.0
   LOCATION L0031051     VOLUME   443870.875 3769986.115 0.0
   LOCATION L0031052     VOLUME   443867.737 3769994.550 0.0
   LOCATION L0031053     VOLUME   443864.555 3770002.965 0.0
   LOCATION L0031054     VOLUME   443860.198 3770010.840 0.0
   LOCATION L0031055     VOLUME   443855.841 3770018.715 0.0
   LOCATION L0031056     VOLUME   443851.485 3770026.591 0.0
   LOCATION L0031057     VOLUME   443845.253 3770033.008 0.0
   LOCATION L0031058     VOLUME   443838.694 3770039.170 0.0
   LOCATION L0031059     VOLUME   443831.817 3770044.816 0.0
   LOCATION L0031060     VOLUME   443823.355 3770047.880 0.0
   LOCATION L0031061     VOLUME   443814.892 3770050.944 0.0
   LOCATION L0031062     VOLUME   443806.430 3770054.008 0.0
   LOCATION L0031063     VOLUME   443797.823 3770056.591 0.0
   LOCATION L0031064     VOLUME   443789.076 3770058.712 0.0
   LOCATION L0031065     VOLUME   443780.329 3770060.832 0.0
   LOCATION L0031066     VOLUME   443771.583 3770062.953 0.0
   LOCATION L0031067     VOLUME   443762.744 3770064.557 0.0
   LOCATION L0031068     VOLUME   443753.805 3770065.608 0.0
   LOCATION L0031069     VOLUME   443744.867 3770066.660 0.0
   LOCATION L0031070     VOLUME   443735.928 3770067.712 0.0
** End of LINE VOLUME Source ID = SLINE7
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0030531     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030532     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030533     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030534     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030535     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030536     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030537     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030538     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030539     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030540     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030541     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030542     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030543     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030544     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030545     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030546     0.0005936154      0.00      8.74      2.72
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SRCPARAM L0030547     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030548     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030549     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030550     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030551     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030552     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030553     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030554     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030555     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030556     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030557     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030558     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030559     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030560     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030561     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030562     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030563     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030564     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030565     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030566     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030567     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030568     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030569     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030570     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030571     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030572     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030573     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030574     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030575     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030576     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030577     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030578     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030579     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030580     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030581     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030582     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030583     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030584     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030585     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030586     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030587     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030588     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030589     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030590     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030591     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030592     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030593     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030594     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030595     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030596     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030597     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030598     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030599     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030600     0.0005936154      0.00      8.74      2.72
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SRCPARAM L0030601     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030602     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030603     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030604     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030605     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030606     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030607     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030608     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030609     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030610     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030611     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030612     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030613     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030614     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030615     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030616     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030617     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030618     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030619     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030620     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030621     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030622     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030623     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030624     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030625     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030626     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030627     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030628     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030629     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030630     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030631     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030632     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030633     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030634     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030635     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030636     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030637     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030638     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030639     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030640     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030641     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030642     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030643     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030644     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030645     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030646     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030647     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030648     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030649     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030650     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030651     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030652     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030653     0.0005936154      0.00      8.74      2.72
SRCPARAM L0030654     0.0005936154      0.00      8.74      2.72
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   SRCPARAM L0030655     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030656     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030657     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030658     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030659     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030660     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030661     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030662     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030663     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030664     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030665     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030666     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030667     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030668     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030669     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030670     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030671     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030672     0.0005936154      0.00      8.74      2.72
   SRCPARAM L0030673     0.0005936154      0.00      8.74      2.72
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   SRCPARAM L0030674     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030675     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030676     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030677     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030678     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030679     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030680     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030681     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030682     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030683     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030684     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030685     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030686     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030687     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030688     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030689     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030690     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030691     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030692     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030693     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030694     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030695     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030696     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030697     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030698     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030699     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030700     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030701     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030702     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030703     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030704     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030705     0.0005966454      0.00      8.74      2.72
   SRCPARAM L0030706     0.0005966454      0.00      8.74      2.72
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SRCPARAM L0030707     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030708     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030709     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030710     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030711     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030712     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030713     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030714     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030715     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030716     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030717     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030718     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030719     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030720     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030721     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030722     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030723     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030724     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030725     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030726     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030727     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030728     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030729     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030730     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030731     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030732     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030733     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030734     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030735     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030736     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030737     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030738     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030739     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030740     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030741     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030742     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030743     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030744     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030745     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030746     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030747     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030748     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030749     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030750     0.0005966454      0.00      8.74      2.72
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SRCPARAM L0030752     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030753     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030754     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030755     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030756     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030757     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030758     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030759     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030760     0.0005966454      0.00      8.74      2.72
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SRCPARAM L0030761     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030762     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030763     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030764     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030765     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030766     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030767     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030768     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030769     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030770     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030771     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030772     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030773     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030774     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030775     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030776     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030777     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030778     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030779     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030780     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030781     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030782     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030783     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030784     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030785     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030786     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030787     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030788     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030789     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030790     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030791     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030792     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030793     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030794     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030795     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030796     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030797     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030798     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030799     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030800     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030801     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030802     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030803     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030804     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030805     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030806     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030807     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030808     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030809     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030810     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030811     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030812     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030813     0.0005966454      0.00      8.74      2.72
SRCPARAM L0030814     0.0005966454      0.00      8.74      2.72
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** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0030815     0.0000386709      0.00      4.19      2.38
   SRCPARAM L0030816     0.0000386709      0.00      4.19      2.38
   SRCPARAM L0030817     0.0000386709      0.00      4.19      2.38
   SRCPARAM L0030818     0.0000386709      0.00      4.19      2.38
   SRCPARAM L0030819     0.0000386709      0.00      4.19      2.38
   SRCPARAM L0030820     0.0000386709      0.00      4.19      2.38
   SRCPARAM L0030821     0.0000386709      0.00      4.19      2.38
   SRCPARAM L0030822     0.0000386709      0.00      4.19      2.38
   SRCPARAM L0030823     0.0000386709      0.00      4.19      2.38
   SRCPARAM L0030824     0.0000386709      0.00      4.19      2.38
   SRCPARAM L0030825     0.0000386709      0.00      4.19      2.38
   SRCPARAM L0030826     0.0000386709      0.00      4.19      2.38
   SRCPARAM L0030827     0.0000386709      0.00      4.19      2.38
   SRCPARAM L0030828     0.0000386709      0.00      4.19      2.38
   SRCPARAM L0030829     0.0000386709      0.00      4.19      2.38
   SRCPARAM L0030830     0.0000386709      0.00      4.19      2.38
   SRCPARAM L0030831     0.0000386709      0.00      4.19      2.38
   SRCPARAM L0030832     0.0000386709      0.00      4.19      2.38
   SRCPARAM L0030833     0.0000386709      0.00      4.19      2.38
   SRCPARAM L0030834     0.0000386709      0.00      4.19      2.38
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   SRCPARAM L0030867     0.0000386709      0.00      4.19      2.38
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   SRCPARAM L0030893     0.0000386709      0.00      4.19      2.38
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   SRCPARAM L0030895     0.0000423714      0.00      4.19      2.38
   SRCPARAM L0030896     0.0000423714      0.00      4.19      2.38
   SRCPARAM L0030897     0.0000423714      0.00      4.19      2.38
   SRCPARAM L0030898     0.0000423714      0.00      4.19      2.38
   SRCPARAM L0030899     0.0000423714      0.00      4.19      2.38
   SRCPARAM L0030900     0.0000423714      0.00      4.19      2.38
   SRCPARAM L0030901     0.0000423714      0.00      4.19      2.38
   SRCPARAM L0030902     0.0000423714      0.00      4.19      2.38
   SRCPARAM L0030903     0.0000423714      0.00      4.19      2.38
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   SRCPARAM L0030905     0.0000423714      0.00      4.19      2.38
   SRCPARAM L0030906     0.0000423714      0.00      4.19      2.38
   SRCPARAM L0030907     0.0000423714      0.00      4.19      2.38
   SRCPARAM L0030908     0.0000423714      0.00      4.19      2.38
   SRCPARAM L0030909     0.0000423714      0.00      4.19      2.38
   SRCPARAM L0030910     0.0000423714      0.00      4.19      2.38
   SRCPARAM L0030911     0.0000423714      0.00      4.19      2.38
   SRCPARAM L0030912     0.0000423714      0.00      4.19      2.38
   SRCPARAM L0030913     0.0000423714      0.00      4.19      2.38
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   SRCPARAM L0030915     0.0000423714      0.00      4.19      2.38
   SRCPARAM L0030916     0.0000423714      0.00      4.19      2.38
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   SRCPARAM L0030919     0.0000423714      0.00      4.19      2.38
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   SRCPARAM L0030927     0.0000423714      0.00      4.19      2.38
   SRCPARAM L0030928     0.0000423714      0.00      4.19      2.38
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** LINE VOLUME Source ID = SLINE5
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   SRCPARAM L0030930     0.0000322308      0.00      4.19      2.38
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   SRCPARAM L0030933     0.0000322308      0.00      4.19      2.38
   SRCPARAM L0030934     0.0000322308      0.00      4.19      2.38
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   SRCPARAM L0030938     0.0000322308      0.00      4.19      2.38
   SRCPARAM L0030939     0.0000322308      0.00      4.19      2.38
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   SRCPARAM L0030941     0.0000322308      0.00      4.19      2.38
   SRCPARAM L0030942     0.0000322308      0.00      4.19      2.38
   SRCPARAM L0030943     0.0000322308      0.00      4.19      2.38
   SRCPARAM L0030944     0.0000322308      0.00      4.19      2.38
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   SRCPARAM L0030947     0.0000322308      0.00      4.19      2.38
   SRCPARAM L0030948     0.0000322308      0.00      4.19      2.38
   SRCPARAM L0030949     0.0000322308      0.00      4.19      2.38
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   SRCPARAM L0030962     0.0000322308      0.00      4.19      2.38
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   SRCPARAM L0030980     0.0000322308      0.00      4.19      2.38
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** LINE VOLUME Source ID = SLINE6
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   SRCPARAM L0030982     0.0000328929      0.00      4.19      2.38
   SRCPARAM L0030983     0.0000328929      0.00      4.19      2.38
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   SRCPARAM L0031008     0.0000328929      0.00      4.19      2.38
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** LINE VOLUME Source ID = SLINE7
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** AERMOD Receptor Pathway
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   DISCCART    445000.32   3769929.39
   DISCCART    445036.71   3769929.39
   DISCCART    445073.10   3769929.39
   DISCCART    445109.49   3769929.39
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   DISCCART    445182.27   3769929.39
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   DISCCART    444927.54   3769940.96
   DISCCART    444963.93   3769940.96
   DISCCART    445000.32   3769940.96
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   DISCCART    445073.10   3769940.96
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   DISCCART    444963.93   3769952.53
   DISCCART    445000.32   3769952.53
   DISCCART    445036.71   3769952.53
   DISCCART    445073.10   3769952.53
   DISCCART    445109.49   3769952.53
   DISCCART    445145.88   3769952.53
   DISCCART    445182.27   3769952.53
   DISCCART    444781.98   3769964.10
   DISCCART    444818.37   3769964.10
   DISCCART    444854.76   3769964.10
   DISCCART    444891.15   3769964.10
   DISCCART    444927.54   3769964.10
   DISCCART    444963.93   3769964.10
   DISCCART    445000.32   3769964.10
   DISCCART    445036.71   3769964.10
   DISCCART    445073.10   3769964.10
   DISCCART    445109.49   3769964.10
```

DISCCART	445145.88	3769964.10
DISCCART	445182.27	3769964.10
DISCCART	445218.66	3769964.10
DISCCART	444781.98	3769975.67
DISCCART	444818.37	3769975.67
DISCCART	444854.76	3769975.67
DISCCART	444891.15	3769975.67
DISCCART	444927.54	3769975.67
DISCCART	444963.93	3769975.67
DISCCART	445000.32	3769975.67
DISCCART	445036.71	3769975.67
DISCCART	445073.10	3769975.67
DISCCART	445109.49	3769975.67
DISCCART	445145.88	3769975.67
DISCCART	445182.27	3769975.67
DISCCART	445218.66	3769975.67
DISCCART	444781.98	3769987.24
DISCCART	444818.37	3769987.24
DISCCART	444854.76	3769987.24
DISCCART	444891.15	3769987.24
DISCCART	444927.54	3769987.24
DISCCART	444963.93	3769987.24
DISCCART	445000.32	3769987.24
DISCCART	445036.71	3769987.24
DISCCART	445073.10	3769987.24
DISCCART	445109.49	3769987.24
DISCCART	445145.88	3769987.24
DISCCART	445182.27	3769987.24
DISCCART	445218.66	3769987.24
DISCCART	444781.98	3769998.81
DISCCART	444818.37	3769998.81
DISCCART	444854.76	3769998.81
DISCCART	444891.15	3769998.81
DISCCART	444927.54	3769998.81
DISCCART	444963.93	3769998.81
DISCCART	445000.32	3769998.81
DISCCART	445036.71	3769998.81
DISCCART	445073.10	3769998.81
DISCCART	445109.49	3769998.81
DISCCART	445145.88	3769998.81
DISCCART	445182.27	3769998.81
DISCCART	445218.66	3769998.81
DISCCART	444781.98	3770010.38
DISCCART	444818.37	3770010.38
DISCCART	444854.76	3770010.38
DISCCART	444891.15	3770010.38
DISCCART	444927.54	3770010.38
DISCCART	444963.93	3770010.38
DISCCART	445000.32	3770010.38
DISCCART	445036.71	3770010.38
DISCCART	445073.10	3770010.38
DISCCART	445109.49	3770010.38
DISCCART	445145.88	3770010.38
DISCCART	445182.27	3770010.38

DISCCART	445218.66	3770010.38
DISCCART	444781.98	3770021.95
DISCCART	444818.37	3770021.95
DISCCART	444854.76	3770021.95
DISCCART	444891.15	3770021.95
DISCCART	444927.54	3770021.95
DISCCART	444963.93	3770021.95
DISCCART	445000.32	3770021.95
DISCCART	445036.71	3770021.95
DISCCART	445073.10	3770021.95
DISCCART	445109.49	3770021.95
DISCCART	445145.88	3770021.95
DISCCART	445182.27	3770021.95
DISCCART	445218.66	3770021.95
DISCCART	444781.98	3770033.52
DISCCART	444818.37	3770033.52
DISCCART	444854.76	3770033.52
DISCCART	444891.15	3770033.52
DISCCART	444927.54	3770033.52
DISCCART	444963.93	3770033.52
DISCCART	445000.32	3770033.52
DISCCART	445036.71	3770033.52
DISCCART	445073.10	3770033.52
DISCCART	445109.49	3770033.52
DISCCART	445145.88	3770033.52
DISCCART	445182.27	3770033.52
DISCCART	445218.66	3770033.52
DISCCART	445249.38	3770033.52
DISCCART	444781.98	3770045.09
DISCCART	444818.37	3770045.09
DISCCART	444854.76	3770045.09
DISCCART	444891.15	3770045.09
DISCCART	444927.54	3770045.09
DISCCART	444963.93	3770045.09
DISCCART	445000.32	3770045.09
DISCCART	445036.71	3770045.09
DISCCART	445073.10	3770045.09
DISCCART	445109.49	3770045.09
DISCCART	445145.88	3770045.09
DISCCART	445182.27	3770045.09
DISCCART	445218.66	3770045.09
DISCCART	445255.05	3770045.09
DISCCART	444818.37	3770056.66
DISCCART	444854.76	3770056.66
DISCCART	444891.15	3770056.66
DISCCART	444927.54	3770056.66
DISCCART	444963.93	3770056.66
DISCCART	445000.32	3770056.66
DISCCART	445036.71	3770056.66
DISCCART	445073.10	3770056.66
DISCCART	445109.49	3770056.66
DISCCART	445145.88	3770056.66
DISCCART	445182.27	3770056.66
DISCCART	445218.66	3770056.66

DISCCART	445255.05	3770056.66
DISCCART	444818.37	3770068.23
DISCCART	444854.76	3770068.23
DISCCART	444891.15	3770068.23
DISCCART	444927.54	3770068.23
DISCCART	444963.93	3770068.23
DISCCART	445000.32	3770068.23
DISCCART	445036.71	3770068.23
DISCCART	445073.10	3770068.23
DISCCART	445109.49	3770068.23
DISCCART	445145.88	3770068.23
DISCCART	445182.27	3770068.23
DISCCART	445218.66	3770068.23
DISCCART	445255.05	3770068.23
DISCCART	444818.37	3770079.80
DISCCART	444854.76	3770079.80
DISCCART	444891.15	3770079.80
DISCCART	444927.54	3770079.80
DISCCART	444963.93	3770079.80
DISCCART	445000.32	3770079.80
DISCCART	445036.71	3770079.80
DISCCART	445073.10	3770079.80
DISCCART	445109.49	3770079.80
DISCCART	445145.88	3770079.80
DISCCART	445182.27	3770079.80
DISCCART	445218.66	3770079.80
DISCCART	445255.05	3770079.80
DISCCART	444818.37	3770091.37
DISCCART	444854.76	3770091.37
DISCCART	444891.15	3770091.37
DISCCART	444927.54	3770091.37
DISCCART	444963.93	3770091.37
DISCCART	445000.32	3770091.37
DISCCART	445036.71	3770091.37
DISCCART	445073.10	3770091.37
DISCCART	445109.49	3770091.37
DISCCART	445145.88	3770091.37
DISCCART	445182.27	3770091.37
DISCCART	445218.66	3770091.37
DISCCART	445255.05	3770091.37
DISCCART	444818.37	3770102.94
DISCCART	444854.76	3770102.94
DISCCART	444891.15	3770102.94
DISCCART	444927.54	3770102.94
DISCCART	444963.93	3770102.94
DISCCART	445000.32	3770102.94
DISCCART	445036.71	3770102.94
DISCCART	445073.10	3770102.94
DISCCART	445109.49	3770102.94
DISCCART	445145.88	3770102.94
DISCCART	445182.27	3770102.94
DISCCART	445218.66	3770102.94
DISCCART	445255.05	3770102.94
DISCCART	444818.37	3770114.51

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   DISCCART    444854.76   3770114.51
   DISCCART    444891.15   3770114.51
   DISCCART    444927.54   3770114.51
   DISCCART    444963.93   3770114.51
   DISCCART    445000.32   3770112.15
   DISCCART    445036.71   3770112.15
   DISCCART    445073.10   3770111.76
   DISCCART    445109.49   3770111.28
   DISCCART    445145.88   3770110.81
   DISCCART    445182.73   3770110.35
   DISCCART    445217.74   3770109.89
   DISCCART    445271.22   3770102.96
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE poma6.SFC
   PROFFILE poma6.PFL
   SURFDATA 3190 2005
   UAIRDATA 3190 2005
   SITEDATA 99999 2005
   PROFBASE 270.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "PM 2.AD\24H1GALL.PLT" 31
   SUMMFILE "PM 2.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 W396    3157       MEOPEN: Met data from outdated version of AERMET,
version:        12345
 ME W531    3157       MEOPEN: CAUTION! Met Station ID Missing from
SURFFILE for      SURFDATA

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************
```

**MODELOPTs: NonDFAULT CONC   FLAT   FASTALL   DRYDPLT   WETDPLT

*** MODEL SETUP OPTIONS SUMMARY ***

- -

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

-- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**PARTICLE DEPOSITION Data Provided.
**Model Uses DRY DEPLETION.   DDPLETE = T
**Model Uses WET DEPLETION.   WETDPLT = T

**Model Uses URBAN Dispersion Algorithm for the SBL for   540 Source(s),
for Total of   1 Urban Area(s):
Urban Population =   2015355.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:
1. Stack-tip Downwash.
2. Model Assumes Receptors on FLAT Terrain.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:
FASTALL - Use effective sigma-y to optimize meander for
POINT and VOLUME sources, and hybrid approach
to optimize AREA sources (formerly TOXICS option)

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: PM_2.5

**Model Calculates 1 Short Term Average(s) of: 24-HR

**This Run Includes: 540 Source(s);   1 Source Group(s); and 220 Receptor(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 12345

**Output Options Selected:
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) = 270.00 ; 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 = 3.8 MB of RAM.

**File for Summary of Results: PM 2.sum

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030531	2	0.59362E-03	445440.0	3769597.4	270.0	0.00	8.74	2.72	YES
L0030532	2	0.59362E-03	445421.2	3769597.7	270.0	0.00	8.74	2.72	YES
L0030533	2	0.59362E-03	445402.5	3769598.0	270.0	0.00	8.74	2.72	YES
L0030534	2	0.59362E-03	445383.7	3769598.2	270.0	0.00	8.74	2.72	YES
L0030535	2	0.59362E-03	445364.9	3769598.5	270.0	0.00	8.74	2.72	YES
L0030536	2	0.59362E-03	445346.1	3769598.8	270.0	0.00	8.74	2.72	YES
L0030537	2	0.59362E-03	445327.3	3769599.1	270.0	0.00	8.74	2.72	YES
L0030538	2	0.59362E-03	445308.5	3769599.3	270.0	0.00	8.74	2.72	YES
L0030539	2	0.59362E-03	445289.7	3769599.6	270.0	0.00	8.74	2.72	YES
L0030540	2	0.59362E-03	445270.9	3769599.9	270.0	0.00	8.74	2.72	YES
L0030541	2	0.59362E-03	445252.1	3769600.1	270.0	0.00	8.74	2.72	YES
L0030542	2	0.59362E-03	445233.3	3769600.4	270.0	0.00	8.74	2.72	YES
L0030543	2	0.59362E-03	445214.5	3769600.7	270.0	0.00	8.74	2.72	YES
L0030544	2	0.59362E-03	445195.7	3769600.9	270.0	0.00	8.74	2.72	YES
L0030545	2	0.59362E-03	445176.9	3769601.2	270.0	0.00	8.74	2.72	YES
L0030546	2	0.59362E-03	445158.1	3769601.5	270.0	0.00	8.74	2.72	YES

L0030547		2	0.59362E-03	445139.3	3769601.8	270.0	0.00
8.74	2.72	YES					
L0030548		2	0.59362E-03	445120.5	3769602.0	270.0	0.00
8.74	2.72	YES					
L0030549		2	0.59362E-03	445101.7	3769602.3	270.0	0.00
8.74	2.72	YES					
L0030550		2	0.59362E-03	445082.9	3769602.6	270.0	0.00
8.74	2.72	YES					
L0030551		2	0.59362E-03	445064.1	3769602.8	270.0	0.00
8.74	2.72	YES					
L0030552		2	0.59362E-03	445045.3	3769603.1	270.0	0.00
8.74	2.72	YES					
L0030553		2	0.59362E-03	445026.5	3769603.4	270.0	0.00
8.74	2.72	YES					
L0030554		2	0.59362E-03	445007.7	3769603.6	270.0	0.00
8.74	2.72	YES					
L0030555		2	0.59362E-03	444988.9	3769603.9	270.0	0.00
8.74	2.72	YES					
L0030556		2	0.59362E-03	444970.1	3769604.2	270.0	0.00
8.74	2.72	YES					
L0030557		2	0.59362E-03	444951.3	3769604.5	270.0	0.00
8.74	2.72	YES					
L0030558		2	0.59362E-03	444932.5	3769604.7	270.0	0.00
8.74	2.72	YES					
L0030559		2	0.59362E-03	444913.7	3769605.0	270.0	0.00
8.74	2.72	YES					
L0030560		2	0.59362E-03	444894.9	3769605.3	270.0	0.00
8.74	2.72	YES					
L0030561		2	0.59362E-03	444876.1	3769605.5	270.0	0.00
8.74	2.72	YES					
L0030562		2	0.59362E-03	444857.3	3769605.8	270.0	0.00
8.74	2.72	YES					
L0030563		2	0.59362E-03	444838.5	3769606.1	270.0	0.00
8.74	2.72	YES					
L0030564		2	0.59362E-03	444819.7	3769606.6	270.0	0.00
8.74	2.72	YES					
L0030565		2	0.59362E-03	444800.9	3769607.2	270.0	0.00
8.74	2.72	YES					
L0030566		2	0.59362E-03	444782.1	3769607.7	270.0	0.00
8.74	2.72	YES					
L0030567		2	0.59362E-03	444763.3	3769608.2	270.0	0.00
8.74	2.72	YES					
L0030568		2	0.59362E-03	444744.6	3769609.2	270.0	0.00
8.74	2.72	YES					
L0030569		2	0.59362E-03	444725.9	3769611.1	270.0	0.00
8.74	2.72	YES					
L0030570		2	0.59362E-03	444707.2	3769613.1	270.0	0.00
8.74	2.72	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030571	2	0.59362E-03	444688.5	3769615.0	270.0	0.00	8.74	2.72	YES
L0030572	2	0.59362E-03	444669.8	3769617.0	270.0	0.00	8.74	2.72	YES
L0030573	2	0.59362E-03	444651.1	3769618.9	270.0	0.00	8.74	2.72	YES
L0030574	2	0.59362E-03	444632.4	3769621.1	270.0	0.00	8.74	2.72	YES
L0030575	2	0.59362E-03	444613.8	3769623.7	270.0	0.00	8.74	2.72	YES
L0030576	2	0.59362E-03	444595.2	3769626.3	270.0	0.00	8.74	2.72	YES
L0030577	2	0.59362E-03	444576.6	3769628.9	270.0	0.00	8.74	2.72	YES
L0030578	2	0.59362E-03	444557.9	3769631.5	270.0	0.00	8.74	2.72	YES
L0030579	2	0.59362E-03	444539.3	3769634.1	270.0	0.00	8.74	2.72	YES
L0030580	2	0.59362E-03	444520.7	3769637.0	270.0	0.00	8.74	2.72	YES
L0030581	2	0.59362E-03	444502.2	3769640.0	270.0	0.00	8.74	2.72	YES
L0030582	2	0.59362E-03	444483.6	3769643.0	270.0	0.00	8.74	2.72	YES
L0030583	2	0.59362E-03	444465.1	3769646.0	270.0	0.00	8.74	2.72	YES
L0030584	2	0.59362E-03	444446.5	3769649.1	270.0	0.00	8.74	2.72	YES
L0030585	2	0.59362E-03	444428.0	3769652.1	270.0	0.00	8.74	2.72	YES
L0030586	2	0.59362E-03	444409.5	3769655.4	270.0	0.00	8.74	2.72	YES

L0030587		2	0.59362E-03	444391.2	3769659.9	270.0	0.00
8.74	2.72	YES					
L0030588		2	0.59362E-03	444373.0	3769664.4	270.0	0.00
8.74	2.72	YES					
L0030589		2	0.59362E-03	444354.7	3769669.0	270.0	0.00
8.74	2.72	YES					
L0030590		2	0.59362E-03	444336.5	3769673.5	270.0	0.00
8.74	2.72	YES					
L0030591		2	0.59362E-03	444318.2	3769678.0	270.0	0.00
8.74	2.72	YES					
L0030592		2	0.59362E-03	444300.0	3769682.5	270.0	0.00
8.74	2.72	YES					
L0030593		2	0.59362E-03	444281.7	3769687.1	270.0	0.00
8.74	2.72	YES					
L0030594		2	0.59362E-03	444263.5	3769691.6	270.0	0.00
8.74	2.72	YES					
L0030595		2	0.59362E-03	444245.2	3769696.1	270.0	0.00
8.74	2.72	YES					
L0030596		2	0.59362E-03	444227.4	3769702.0	270.0	0.00
8.74	2.72	YES					
L0030597		2	0.59362E-03	444209.6	3769708.1	270.0	0.00
8.74	2.72	YES					
L0030598		2	0.59362E-03	444191.8	3769714.2	270.0	0.00
8.74	2.72	YES					
L0030599		2	0.59362E-03	444174.0	3769720.3	270.0	0.00
8.74	2.72	YES					
L0030600		2	0.59362E-03	444156.2	3769726.4	270.0	0.00
8.74	2.72	YES					
L0030601		2	0.59362E-03	444138.5	3769732.4	270.0	0.00
8.74	2.72	YES					
L0030602		2	0.59362E-03	444120.7	3769738.5	270.0	0.00
8.74	2.72	YES					
L0030603		2	0.59362E-03	444102.9	3769744.6	270.0	0.00
8.74	2.72	YES					
L0030604		2	0.59362E-03	444085.1	3769750.7	270.0	0.00
8.74	2.72	YES					
L0030605		2	0.59362E-03	444067.3	3769756.8	270.0	0.00
8.74	2.72	YES					
L0030606		2	0.59362E-03	444049.5	3769762.9	270.0	0.00
8.74	2.72	YES					
L0030607		2	0.59362E-03	444032.2	3769770.2	270.0	0.00
8.74	2.72	YES					
L0030608		2	0.59362E-03	444014.9	3769777.5	270.0	0.00
8.74	2.72	YES					
L0030609		2	0.59362E-03	443997.6	3769784.9	270.0	0.00
8.74	2.72	YES					
L0030610		2	0.59362E-03	443980.3	3769792.2	270.0	0.00
8.74	2.72	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030611	2	0.59362E-03	443963.0	3769799.5	270.0	0.00	8.74	2.72	YES
L0030612	2	0.59362E-03	443945.7	3769806.9	270.0	0.00	8.74	2.72	YES
L0030613	2	0.59362E-03	443928.3	3769814.2	270.0	0.00	8.74	2.72	YES
L0030614	2	0.59362E-03	443911.4	3769822.3	270.0	0.00	8.74	2.72	YES
L0030615	2	0.59362E-03	443894.6	3769830.8	270.0	0.00	8.74	2.72	YES
L0030616	2	0.59362E-03	443877.9	3769839.4	270.0	0.00	8.74	2.72	YES
L0030617	2	0.59362E-03	443861.1	3769847.9	270.0	0.00	8.74	2.72	YES
L0030618	2	0.59362E-03	443844.4	3769856.4	270.0	0.00	8.74	2.72	YES
L0030619	2	0.59362E-03	443827.6	3769864.9	270.0	0.00	8.74	2.72	YES
L0030620	2	0.59362E-03	443810.9	3769873.5	270.0	0.00	8.74	2.72	YES
L0030621	2	0.59362E-03	443794.1	3769882.0	270.0	0.00	8.74	2.72	YES
L0030622	2	0.59362E-03	443777.7	3769891.1	270.0	0.00	8.74	2.72	YES
L0030623	2	0.59362E-03	443761.6	3769900.9	270.0	0.00	8.74	2.72	YES
L0030624	2	0.59362E-03	443745.6	3769910.7	270.0	0.00	8.74	2.72	YES
L0030625	2	0.59362E-03	443729.5	3769920.4	270.0	0.00	8.74	2.72	YES
L0030626	2	0.59362E-03	443713.4	3769930.2	270.0	0.00	8.74	2.72	YES

L0030627		2	0.59362E-03	443697.4	3769940.0	270.0	0.00	
8.74	2.72	YES						
L0030628		2	0.59362E-03	443681.3	3769949.8	270.0	0.00	
8.74	2.72	YES						
L0030629		2	0.59362E-03	443665.3	3769959.6	270.0	0.00	
8.74	2.72	YES						
L0030630		2	0.59362E-03	443649.2	3769969.4	270.0	0.00	
8.74	2.72	YES						
L0030631		2	0.59362E-03	443633.2	3769979.1	270.0	0.00	
8.74	2.72	YES						
L0030632		2	0.59362E-03	443617.4	3769989.3	270.0	0.00	
8.74	2.72	YES						
L0030633		2	0.59362E-03	443601.9	3770000.0	270.0	0.00	
8.74	2.72	YES						
L0030634		2	0.59362E-03	443586.4	3770010.6	270.0	0.00	
8.74	2.72	YES						
L0030635		2	0.59362E-03	443570.9	3770021.3	270.0	0.00	
8.74	2.72	YES						
L0030636		2	0.59362E-03	443555.5	3770032.0	270.0	0.00	
8.74	2.72	YES						
L0030637		2	0.59362E-03	443540.0	3770042.7	270.0	0.00	
8.74	2.72	YES						
L0030638		2	0.59362E-03	443524.5	3770053.3	270.0	0.00	
8.74	2.72	YES						
L0030639		2	0.59362E-03	443509.0	3770064.0	270.0	0.00	
8.74	2.72	YES						
L0030640		2	0.59362E-03	443493.6	3770074.7	270.0	0.00	
8.74	2.72	YES						
L0030641		2	0.59362E-03	443478.1	3770085.4	270.0	0.00	
8.74	2.72	YES						
L0030642		2	0.59362E-03	443462.6	3770096.0	270.0	0.00	
8.74	2.72	YES						
L0030643		2	0.59362E-03	443447.1	3770106.7	270.0	0.00	
8.74	2.72	YES						
L0030644		2	0.59362E-03	443431.7	3770117.4	270.0	0.00	
8.74	2.72	YES						
L0030645		2	0.59362E-03	443416.3	3770128.2	270.0	0.00	
8.74	2.72	YES						
L0030646		2	0.59362E-03	443400.9	3770139.0	270.0	0.00	
8.74	2.72	YES						
L0030647		2	0.59362E-03	443385.5	3770149.8	270.0	0.00	
8.74	2.72	YES						
L0030648		2	0.59362E-03	443370.1	3770160.5	270.0	0.00	
8.74	2.72	YES						
L0030649		2	0.59362E-03	443354.7	3770171.3	270.0	0.00	
8.74	2.72	YES						
L0030650		2	0.59362E-03	443339.3	3770182.1	270.0	0.00	
8.74	2.72	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030651	2	0.59362E-03	443323.9	3770192.9	270.0	0.00	8.74	2.72	YES
L0030652	2	0.59362E-03	443308.5	3770203.7	270.0	0.00	8.74	2.72	YES
L0030653	2	0.59362E-03	443293.1	3770214.5	270.0	0.00	8.74	2.72	YES
L0030654	2	0.59362E-03	443277.7	3770225.2	270.0	0.00	8.74	2.72	YES
L0030655	2	0.59362E-03	443262.3	3770236.0	270.0	0.00	8.74	2.72	YES
L0030656	2	0.59362E-03	443246.9	3770246.8	270.0	0.00	8.74	2.72	YES
L0030657	2	0.59362E-03	443231.5	3770257.6	270.0	0.00	8.74	2.72	YES
L0030658	2	0.59362E-03	443216.1	3770268.4	270.0	0.00	8.74	2.72	YES
L0030659	2	0.59362E-03	443200.7	3770279.1	270.0	0.00	8.74	2.72	YES
L0030660	2	0.59362E-03	443185.3	3770289.9	270.0	0.00	8.74	2.72	YES
L0030661	2	0.59362E-03	443169.9	3770300.7	270.0	0.00	8.74	2.72	YES
L0030662	2	0.59362E-03	443154.5	3770311.5	270.0	0.00	8.74	2.72	YES
L0030663	2	0.59362E-03	443139.0	3770322.3	270.0	0.00	8.74	2.72	YES
L0030664	2	0.59362E-03	443123.6	3770333.0	270.0	0.00	8.74	2.72	YES
L0030665	2	0.59362E-03	443108.2	3770343.8	270.0	0.00	8.74	2.72	YES
L0030666	2	0.59362E-03	443092.8	3770354.6	270.0	0.00	8.74	2.72	YES

L0030667		2	0.59362E-03	443077.4	3770365.4	270.0	0.00	
8.74	2.72	YES						
L0030668		2	0.59362E-03	443062.0	3770376.2	270.0	0.00	
8.74	2.72	YES						
L0030669		2	0.59362E-03	443046.6	3770386.9	270.0	0.00	
8.74	2.72	YES						
L0030670		2	0.59362E-03	443031.2	3770397.7	270.0	0.00	
8.74	2.72	YES						
L0030671		2	0.59362E-03	443015.8	3770408.5	270.0	0.00	
8.74	2.72	YES						
L0030672		2	0.59362E-03	443000.4	3770419.3	270.0	0.00	
8.74	2.72	YES						
L0030673		2	0.59362E-03	442985.0	3770430.1	270.0	0.00	
8.74	2.72	YES						
L0030674		2	0.59665E-03	443012.0	3770445.2	270.0	0.00	
8.74	2.72	YES						
L0030675		2	0.59665E-03	443027.3	3770434.2	270.0	0.00	
8.74	2.72	YES						
L0030676		2	0.59665E-03	443042.6	3770423.3	270.0	0.00	
8.74	2.72	YES						
L0030677		2	0.59665E-03	443057.9	3770412.4	270.0	0.00	
8.74	2.72	YES						
L0030678		2	0.59665E-03	443073.2	3770401.4	270.0	0.00	
8.74	2.72	YES						
L0030679		2	0.59665E-03	443088.4	3770390.5	270.0	0.00	
8.74	2.72	YES						
L0030680		2	0.59665E-03	443103.7	3770379.5	270.0	0.00	
8.74	2.72	YES						
L0030681		2	0.59665E-03	443119.0	3770368.6	270.0	0.00	
8.74	2.72	YES						
L0030682		2	0.59665E-03	443134.3	3770357.6	270.0	0.00	
8.74	2.72	YES						
L0030683		2	0.59665E-03	443149.6	3770346.7	270.0	0.00	
8.74	2.72	YES						
L0030684		2	0.59665E-03	443164.9	3770335.7	270.0	0.00	
8.74	2.72	YES						
L0030685		2	0.59665E-03	443180.1	3770324.8	270.0	0.00	
8.74	2.72	YES						
L0030686		2	0.59665E-03	443195.5	3770313.9	270.0	0.00	
8.74	2.72	YES						
L0030687		2	0.59665E-03	443210.9	3770303.1	270.0	0.00	
8.74	2.72	YES						
L0030688		2	0.59665E-03	443226.2	3770292.3	270.0	0.00	
8.74	2.72	YES						
L0030689		2	0.59665E-03	443241.6	3770281.4	270.0	0.00	
8.74	2.72	YES						
L0030690		2	0.59665E-03	443257.0	3770270.6	270.0	0.00	
8.74	2.72	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030691	2	0.59665E-03	443272.3	3770259.8	270.0	0.00	8.74	2.72	YES
L0030692	2	0.59665E-03	443287.7	3770248.9	270.0	0.00	8.74	2.72	YES
L0030693	2	0.59665E-03	443303.0	3770238.0	270.0	0.00	8.74	2.72	YES
L0030694	2	0.59665E-03	443318.2	3770226.9	270.0	0.00	8.74	2.72	YES
L0030695	2	0.59665E-03	443333.3	3770215.8	270.0	0.00	8.74	2.72	YES
L0030696	2	0.59665E-03	443348.5	3770204.7	270.0	0.00	8.74	2.72	YES
L0030697	2	0.59665E-03	443363.7	3770193.6	270.0	0.00	8.74	2.72	YES
L0030698	2	0.59665E-03	443378.9	3770182.5	270.0	0.00	8.74	2.72	YES
L0030699	2	0.59665E-03	443394.0	3770171.4	270.0	0.00	8.74	2.72	YES
L0030700	2	0.59665E-03	443409.2	3770160.3	270.0	0.00	8.74	2.72	YES
L0030701	2	0.59665E-03	443424.4	3770149.2	270.0	0.00	8.74	2.72	YES
L0030702	2	0.59665E-03	443439.6	3770138.1	270.0	0.00	8.74	2.72	YES
L0030703	2	0.59665E-03	443454.8	3770127.0	270.0	0.00	8.74	2.72	YES
L0030704	2	0.59665E-03	443469.9	3770115.9	270.0	0.00	8.74	2.72	YES
L0030705	2	0.59665E-03	443485.1	3770104.8	270.0	0.00	8.74	2.72	YES
L0030706	2	0.59665E-03	443500.3	3770093.8	270.0	0.00	8.74	2.72	YES

L0030707		2	0.59665E-03	443515.5	3770082.7	270.0	0.00
8.74	2.72	YES					
L0030708		2	0.59665E-03	443530.6	3770071.6	270.0	0.00
8.74	2.72	YES					
L0030709		2	0.59665E-03	443545.8	3770060.5	270.0	0.00
8.74	2.72	YES					
L0030710		2	0.59665E-03	443561.0	3770049.4	270.0	0.00
8.74	2.72	YES					
L0030711		2	0.59665E-03	443576.2	3770038.3	270.0	0.00
8.74	2.72	YES					
L0030712		2	0.59665E-03	443591.3	3770027.2	270.0	0.00
8.74	2.72	YES					
L0030713		2	0.59665E-03	443606.5	3770016.1	270.0	0.00
8.74	2.72	YES					
L0030714		2	0.59665E-03	443621.7	3770005.0	270.0	0.00
8.74	2.72	YES					
L0030715		2	0.59665E-03	443637.1	3769994.2	270.0	0.00
8.74	2.72	YES					
L0030716		2	0.59665E-03	443653.3	3769984.7	270.0	0.00
8.74	2.72	YES					
L0030717		2	0.59665E-03	443669.5	3769975.2	270.0	0.00
8.74	2.72	YES					
L0030718		2	0.59665E-03	443685.7	3769965.7	270.0	0.00
8.74	2.72	YES					
L0030719		2	0.59665E-03	443701.9	3769956.1	270.0	0.00
8.74	2.72	YES					
L0030720		2	0.59665E-03	443718.1	3769946.6	270.0	0.00
8.74	2.72	YES					
L0030721		2	0.59665E-03	443734.4	3769937.3	270.0	0.00
8.74	2.72	YES					
L0030722		2	0.59665E-03	443750.8	3769928.0	270.0	0.00
8.74	2.72	YES					
L0030723		2	0.59665E-03	443767.2	3769918.8	270.0	0.00
8.74	2.72	YES					
L0030724		2	0.59665E-03	443783.5	3769909.5	270.0	0.00
8.74	2.72	YES					
L0030725		2	0.59665E-03	443799.9	3769900.2	270.0	0.00
8.74	2.72	YES					
L0030726		2	0.59665E-03	443816.3	3769891.0	270.0	0.00
8.74	2.72	YES					
L0030727		2	0.59665E-03	443832.6	3769881.7	270.0	0.00
8.74	2.72	YES					
L0030728		2	0.59665E-03	443849.2	3769872.9	270.0	0.00
8.74	2.72	YES					
L0030729		2	0.59665E-03	443866.3	3769865.0	270.0	0.00
8.74	2.72	YES					
L0030730		2	0.59665E-03	443883.4	3769857.1	270.0	0.00
8.74	2.72	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030731	2	0.59665E-03	443900.4	3769849.3	270.0	0.00	8.74	2.72	YES
L0030732	2	0.59665E-03	443917.5	3769841.4	270.0	0.00	8.74	2.72	YES
L0030733	2	0.59665E-03	443934.6	3769833.5	270.0	0.00	8.74	2.72	YES
L0030734	2	0.59665E-03	443951.6	3769825.7	270.0	0.00	8.74	2.72	YES
L0030735	2	0.59665E-03	443968.7	3769817.8	270.0	0.00	8.74	2.72	YES
L0030736	2	0.59665E-03	443985.8	3769809.9	270.0	0.00	8.74	2.72	YES
L0030737	2	0.59665E-03	444002.9	3769802.0	270.0	0.00	8.74	2.72	YES
L0030738	2	0.59665E-03	444020.0	3769794.2	270.0	0.00	8.74	2.72	YES
L0030739	2	0.59665E-03	444038.1	3769789.3	270.0	0.00	8.74	2.72	YES
L0030740	2	0.59665E-03	444056.3	3769784.5	270.0	0.00	8.74	2.72	YES
L0030741	2	0.59665E-03	444074.4	3769779.6	270.0	0.00	8.74	2.72	YES
L0030742	2	0.59665E-03	444092.6	3769774.7	270.0	0.00	8.74	2.72	YES
L0030743	2	0.59665E-03	444110.7	3769769.8	270.0	0.00	8.74	2.72	YES
L0030744	2	0.59665E-03	444128.9	3769764.9	270.0	0.00	8.74	2.72	YES
L0030745	2	0.59665E-03	444147.0	3769760.0	270.0	0.00	8.74	2.72	YES
L0030746	2	0.59665E-03	444165.2	3769755.1	270.0	0.00	8.74	2.72	YES

L0030747		2	0.59665E-03	444183.3	3769750.2	270.0	0.00
8.74	2.72	YES					
L0030748		2	0.59665E-03	444201.5	3769745.3	270.0	0.00
8.74	2.72	YES					
L0030749		2	0.59665E-03	444219.6	3769740.4	270.0	0.00
8.74	2.72	YES					
L0030750		2	0.59665E-03	444237.8	3769735.5	270.0	0.00
8.74	2.72	YES					
L0030751		2	0.59665E-03	444255.9	3769730.6	270.0	0.00
8.74	2.72	YES					
L0030752		2	0.59665E-03	444274.1	3769725.7	270.0	0.00
8.74	2.72	YES					
L0030753		2	0.59665E-03	444292.2	3769720.8	270.0	0.00
8.74	2.72	YES					
L0030754		2	0.59665E-03	444310.4	3769715.9	270.0	0.00
8.74	2.72	YES					
L0030755		2	0.59665E-03	444328.6	3769711.2	270.0	0.00
8.74	2.72	YES					
L0030756		2	0.59665E-03	444347.2	3769708.7	270.0	0.00
8.74	2.72	YES					
L0030757		2	0.59665E-03	444365.8	3769706.1	270.0	0.00
8.74	2.72	YES					
L0030758		2	0.59665E-03	444384.5	3769703.6	270.0	0.00
8.74	2.72	YES					
L0030759		2	0.59665E-03	444403.1	3769701.1	270.0	0.00
8.74	2.72	YES					
L0030760		2	0.59665E-03	444421.7	3769698.6	270.0	0.00
8.74	2.72	YES					
L0030761		2	0.59665E-03	444440.3	3769696.0	270.0	0.00
8.74	2.72	YES					
L0030762		2	0.59665E-03	444459.0	3769693.5	270.0	0.00
8.74	2.72	YES					
L0030763		2	0.59665E-03	444477.6	3769691.0	270.0	0.00
8.74	2.72	YES					
L0030764		2	0.59665E-03	444496.2	3769688.4	270.0	0.00
8.74	2.72	YES					
L0030765		2	0.59665E-03	444514.9	3769685.9	270.0	0.00
8.74	2.72	YES					
L0030766		2	0.59665E-03	444533.5	3769683.4	270.0	0.00
8.74	2.72	YES					
L0030767		2	0.59665E-03	444552.1	3769680.9	270.0	0.00
8.74	2.72	YES					
L0030768		2	0.59665E-03	444570.8	3769678.4	270.0	0.00
8.74	2.72	YES					
L0030769		2	0.59665E-03	444589.5	3769676.7	270.0	0.00
8.74	2.72	YES					
L0030770		2	0.59665E-03	444608.2	3769675.0	270.0	0.00
8.74	2.72	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0030771	2	0.59665E-03	444626.9	3769673.4	270.0	0.00	8.74	2.72	YES
L0030772	2	0.59665E-03	444645.7	3769671.7	270.0	0.00	8.74	2.72	YES
L0030773	2	0.59665E-03	444664.4	3769670.0	270.0	0.00	8.74	2.72	YES
L0030774	2	0.59665E-03	444683.1	3769668.3	270.0	0.00	8.74	2.72	YES
L0030775	2	0.59665E-03	444701.8	3769666.7	270.0	0.00	8.74	2.72	YES
L0030776	2	0.59665E-03	444720.6	3769665.0	270.0	0.00	8.74	2.72	YES
L0030777	2	0.59665E-03	444739.3	3769663.3	270.0	0.00	8.74	2.72	YES
L0030778	2	0.59665E-03	444758.0	3769661.9	270.0	0.00	8.74	2.72	YES
L0030779	2	0.59665E-03	444776.8	3769660.5	270.0	0.00	8.74	2.72	YES
L0030780	2	0.59665E-03	444795.5	3769659.2	270.0	0.00	8.74	2.72	YES
L0030781	2	0.59665E-03	444814.3	3769657.8	270.0	0.00	8.74	2.72	YES
L0030782	2	0.59665E-03	444833.0	3769656.5	270.0	0.00	8.74	2.72	YES
L0030783	2	0.59665E-03	444851.8	3769654.8	270.0	0.00	8.74	2.72	YES
L0030784	2	0.59665E-03	444870.4	3769652.5	270.0	0.00	8.74	2.72	YES
L0030785	2	0.59665E-03	444889.1	3769650.1	270.0	0.00	8.74	2.72	YES
L0030786	2	0.59665E-03	444907.7	3769647.7	270.0	0.00	8.74	2.72	YES

L0030787		2	0.59665E-03	444926.3	3769645.3	270.0	0.00
8.74	2.72	YES					
L0030788		2	0.59665E-03	444945.0	3769642.9	270.0	0.00
8.74	2.72	YES					
L0030789		2	0.59665E-03	444963.6	3769640.6	270.0	0.00
8.74	2.72	YES					
L0030790		2	0.59665E-03	444982.3	3769638.2	270.0	0.00
8.74	2.72	YES					
L0030791		2	0.59665E-03	445001.0	3769636.7	270.0	0.00
8.74	2.72	YES					
L0030792		2	0.59665E-03	445019.8	3769635.4	270.0	0.00
8.74	2.72	YES					
L0030793		2	0.59665E-03	445038.5	3769634.2	270.0	0.00
8.74	2.72	YES					
L0030794		2	0.59665E-03	445057.3	3769632.9	270.0	0.00
8.74	2.72	YES					
L0030795		2	0.59665E-03	445076.1	3769631.6	270.0	0.00
8.74	2.72	YES					
L0030796		2	0.59665E-03	445094.8	3769630.4	270.0	0.00
8.74	2.72	YES					
L0030797		2	0.59665E-03	445113.6	3769629.1	270.0	0.00
8.74	2.72	YES					
L0030798		2	0.59665E-03	445132.3	3769627.9	270.0	0.00
8.74	2.72	YES					
L0030799		2	0.59665E-03	445151.1	3769627.4	270.0	0.00
8.74	2.72	YES					
L0030800		2	0.59665E-03	445169.9	3769627.0	270.0	0.00
8.74	2.72	YES					
L0030801		2	0.59665E-03	445188.7	3769626.6	270.0	0.00
8.74	2.72	YES					
L0030802		2	0.59665E-03	445207.5	3769626.2	270.0	0.00
8.74	2.72	YES					
L0030803		2	0.59665E-03	445226.3	3769625.8	270.0	0.00
8.74	2.72	YES					
L0030804		2	0.59665E-03	445245.1	3769625.5	270.0	0.00
8.74	2.72	YES					
L0030805		2	0.59665E-03	445263.9	3769625.4	270.0	0.00
8.74	2.72	YES					
L0030806		2	0.59665E-03	445282.7	3769625.3	270.0	0.00
8.74	2.72	YES					
L0030807		2	0.59665E-03	445301.5	3769625.2	270.0	0.00
8.74	2.72	YES					
L0030808		2	0.59665E-03	445320.3	3769625.0	270.0	0.00
8.74	2.72	YES					
L0030809		2	0.59665E-03	445339.1	3769624.9	270.0	0.00
8.74	2.72	YES					
L0030810		2	0.59665E-03	445357.9	3769624.8	270.0	0.00
8.74	2.72	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0030811	2	0.59665E-03	445376.7	3769624.7	270.0	0.00	8.74	2.72	YES
L0030812	2	0.59665E-03	445395.5	3769624.6	270.0	0.00	8.74	2.72	YES
L0030813	2	0.59665E-03	445414.3	3769624.4	270.0	0.00	8.74	2.72	YES
L0030814	2	0.59665E-03	445433.1	3769624.3	270.0	0.00	8.74	2.72	YES
L0030815	2	0.38671E-04	443697.5	3769892.2	270.0	0.00	4.19	2.38	YES
L0030816	2	0.38671E-04	443705.8	3769888.7	270.0	0.00	4.19	2.38	YES
L0030817	2	0.38671E-04	443714.1	3769885.1	270.0	0.00	4.19	2.38	YES
L0030818	2	0.38671E-04	443722.3	3769881.6	270.0	0.00	4.19	2.38	YES
L0030819	2	0.38671E-04	443730.6	3769878.1	270.0	0.00	4.19	2.38	YES
L0030820	2	0.38671E-04	443738.9	3769874.6	270.0	0.00	4.19	2.38	YES
L0030821	2	0.38671E-04	443747.2	3769871.1	270.0	0.00	4.19	2.38	YES
L0030822	2	0.38671E-04	443755.5	3769867.6	270.0	0.00	4.19	2.38	YES
L0030823	2	0.38671E-04	443763.8	3769864.0	270.0	0.00	4.19	2.38	YES
L0030824	2	0.38671E-04	443772.1	3769860.5	270.0	0.00	4.19	2.38	YES
L0030825	2	0.38671E-04	443780.3	3769857.0	270.0	0.00	4.19	2.38	YES
L0030826	2	0.38671E-04	443788.6	3769853.5	270.0	0.00	4.19	2.38	YES

L0030827		2	0.38671E-04	443796.9	3769850.0	270.0	0.00
4.19	2.38	YES					
L0030828		2	0.38671E-04	443805.2	3769846.4	270.0	0.00
4.19	2.38	YES					
L0030829		2	0.38671E-04	443813.5	3769842.9	270.0	0.00
4.19	2.38	YES					
L0030830		2	0.38671E-04	443821.8	3769839.4	270.0	0.00
4.19	2.38	YES					
L0030831		2	0.38671E-04	443829.9	3769835.7	270.0	0.00
4.19	2.38	YES					
L0030832		2	0.38671E-04	443837.8	3769831.3	270.0	0.00
4.19	2.38	YES					
L0030833		2	0.38671E-04	443845.7	3769827.0	270.0	0.00
4.19	2.38	YES					
L0030834		2	0.38671E-04	443853.6	3769822.6	270.0	0.00
4.19	2.38	YES					
L0030835		2	0.38671E-04	443861.5	3769818.3	270.0	0.00
4.19	2.38	YES					
L0030836		2	0.38671E-04	443869.3	3769813.9	270.0	0.00
4.19	2.38	YES					
L0030837		2	0.38671E-04	443877.2	3769809.6	270.0	0.00
4.19	2.38	YES					
L0030838		2	0.38671E-04	443885.1	3769805.2	270.0	0.00
4.19	2.38	YES					
L0030839		2	0.38671E-04	443893.2	3769801.3	270.0	0.00
4.19	2.38	YES					
L0030840		2	0.38671E-04	443901.7	3769798.6	270.0	0.00
4.19	2.38	YES					
L0030841		2	0.38671E-04	443910.3	3769795.8	270.0	0.00
4.19	2.38	YES					
L0030842		2	0.38671E-04	443918.9	3769793.1	270.0	0.00
4.19	2.38	YES					
L0030843		2	0.38671E-04	443927.4	3769790.3	270.0	0.00
4.19	2.38	YES					
L0030844		2	0.38671E-04	443936.0	3769787.6	270.0	0.00
4.19	2.38	YES					
L0030845		2	0.38671E-04	443944.6	3769784.8	270.0	0.00
4.19	2.38	YES					
L0030846		2	0.38671E-04	443953.1	3769782.1	270.0	0.00
4.19	2.38	YES					
L0030847		2	0.38671E-04	443961.7	3769779.3	270.0	0.00
4.19	2.38	YES					
L0030848		2	0.38671E-04	443970.3	3769776.6	270.0	0.00
4.19	2.38	YES					
L0030849		2	0.38671E-04	443978.9	3769773.8	270.0	0.00
4.19	2.38	YES					
L0030850		2	0.38671E-04	443987.4	3769771.1	270.0	0.00
4.19	2.38	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030851	2	0.38671E-04	443996.0	3769768.3	270.0	0.00	4.19	2.38	YES
L0030852	2	0.38671E-04	444004.6	3769765.6	270.0	0.00	4.19	2.38	YES
L0030853	2	0.38671E-04	444013.1	3769762.8	270.0	0.00	4.19	2.38	YES
L0030854	2	0.38671E-04	444021.7	3769760.1	270.0	0.00	4.19	2.38	YES
L0030855	2	0.38671E-04	444030.3	3769757.3	270.0	0.00	4.19	2.38	YES
L0030856	2	0.38671E-04	444038.8	3769754.6	270.0	0.00	4.19	2.38	YES
L0030857	2	0.38671E-04	444047.4	3769751.8	270.0	0.00	4.19	2.38	YES
L0030858	2	0.38671E-04	444056.0	3769749.1	270.0	0.00	4.19	2.38	YES
L0030859	2	0.38671E-04	444064.6	3769746.3	270.0	0.00	4.19	2.38	YES
L0030860	2	0.38671E-04	444073.1	3769743.6	270.0	0.00	4.19	2.38	YES
L0030861	2	0.38671E-04	444081.7	3769740.8	270.0	0.00	4.19	2.38	YES
L0030862	2	0.38671E-04	444090.3	3769738.1	270.0	0.00	4.19	2.38	YES
L0030863	2	0.38671E-04	444098.8	3769735.4	270.0	0.00	4.19	2.38	YES
L0030864	2	0.38671E-04	444107.4	3769732.6	270.0	0.00	4.19	2.38	YES
L0030865	2	0.38671E-04	444116.0	3769729.9	270.0	0.00	4.19	2.38	YES
L0030866	2	0.38671E-04	444124.5	3769727.1	270.0	0.00	4.19	2.38	YES

L0030867		2	0.38671E-04	444133.1	3769724.4	270.0	0.00	
4.19	2.38	YES						
L0030868		2	0.38671E-04	444141.7	3769721.6	270.0	0.00	
4.19	2.38	YES						
L0030869		2	0.38671E-04	444150.3	3769718.9	270.0	0.00	
4.19	2.38	YES						
L0030870		2	0.38671E-04	444158.8	3769716.1	270.0	0.00	
4.19	2.38	YES						
L0030871		2	0.38671E-04	444167.4	3769713.4	270.0	0.00	
4.19	2.38	YES						
L0030872		2	0.38671E-04	444176.0	3769710.6	270.0	0.00	
4.19	2.38	YES						
L0030873		2	0.38671E-04	444184.5	3769707.9	270.0	0.00	
4.19	2.38	YES						
L0030874		2	0.38671E-04	444193.1	3769705.1	270.0	0.00	
4.19	2.38	YES						
L0030875		2	0.38671E-04	444201.7	3769702.5	270.0	0.00	
4.19	2.38	YES						
L0030876		2	0.38671E-04	444210.4	3769700.1	270.0	0.00	
4.19	2.38	YES						
L0030877		2	0.38671E-04	444219.1	3769697.7	270.0	0.00	
4.19	2.38	YES						
L0030878		2	0.38671E-04	444227.7	3769695.2	270.0	0.00	
4.19	2.38	YES						
L0030879		2	0.38671E-04	444236.4	3769692.8	270.0	0.00	
4.19	2.38	YES						
L0030880		2	0.38671E-04	444245.0	3769690.3	270.0	0.00	
4.19	2.38	YES						
L0030881		2	0.38671E-04	444253.7	3769687.9	270.0	0.00	
4.19	2.38	YES						
L0030882		2	0.38671E-04	444262.4	3769685.5	270.0	0.00	
4.19	2.38	YES						
L0030883		2	0.38671E-04	444271.0	3769683.0	270.0	0.00	
4.19	2.38	YES						
L0030884		2	0.38671E-04	444279.7	3769680.6	270.0	0.00	
4.19	2.38	YES						
L0030885		2	0.38671E-04	444288.4	3769678.2	270.0	0.00	
4.19	2.38	YES						
L0030886		2	0.38671E-04	444297.0	3769675.7	270.0	0.00	
4.19	2.38	YES						
L0030887		2	0.38671E-04	444305.7	3769673.3	270.0	0.00	
4.19	2.38	YES						
L0030888		2	0.38671E-04	444314.4	3769670.8	270.0	0.00	
4.19	2.38	YES						
L0030889		2	0.38671E-04	444323.0	3769668.4	270.0	0.00	
4.19	2.38	YES						
L0030890		2	0.38671E-04	444331.7	3769666.0	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0030891	2	0.38671E-04	444340.3	3769663.5	270.0	0.00	4.19	2.38	YES
L0030892	2	0.38671E-04	444349.0	3769661.1	270.0	0.00	4.19	2.38	YES
L0030893	2	0.38671E-04	444357.7	3769658.7	270.0	0.00	4.19	2.38	YES
L0030894	2	0.42371E-04	443438.2	3770102.8	270.0	0.00	4.19	2.38	YES
L0030895	2	0.42371E-04	443445.1	3770097.0	270.0	0.00	4.19	2.38	YES
L0030896	2	0.42371E-04	443451.9	3770091.2	270.0	0.00	4.19	2.38	YES
L0030897	2	0.42371E-04	443458.8	3770085.5	270.0	0.00	4.19	2.38	YES
L0030898	2	0.42371E-04	443465.7	3770079.7	270.0	0.00	4.19	2.38	YES
L0030899	2	0.42371E-04	443472.6	3770073.9	270.0	0.00	4.19	2.38	YES
L0030900	2	0.42371E-04	443479.5	3770068.1	270.0	0.00	4.19	2.38	YES
L0030901	2	0.42371E-04	443486.4	3770062.3	270.0	0.00	4.19	2.38	YES
L0030902	2	0.42371E-04	443493.3	3770056.5	270.0	0.00	4.19	2.38	YES
L0030903	2	0.42371E-04	443500.1	3770050.7	270.0	0.00	4.19	2.38	YES
L0030904	2	0.42371E-04	443507.0	3770044.9	270.0	0.00	4.19	2.38	YES
L0030905	2	0.42371E-04	443513.9	3770039.1	270.0	0.00	4.19	2.38	YES
L0030906	2	0.42371E-04	443520.3	3770032.7	270.0	0.00	4.19	2.38	YES

L0030907		2	0.42371E-04	443526.6	3770026.4	270.0	0.00
4.19	2.38	YES					
L0030908		2	0.42371E-04	443533.0	3770020.0	270.0	0.00
4.19	2.38	YES					
L0030909		2	0.42371E-04	443539.4	3770013.6	270.0	0.00
4.19	2.38	YES					
L0030910		2	0.42371E-04	443545.8	3770007.3	270.0	0.00
4.19	2.38	YES					
L0030911		2	0.42371E-04	443552.1	3770000.9	270.0	0.00
4.19	2.38	YES					
L0030912		2	0.42371E-04	443558.5	3769994.6	270.0	0.00
4.19	2.38	YES					
L0030913		2	0.42371E-04	443564.9	3769988.3	270.0	0.00
4.19	2.38	YES					
L0030914		2	0.42371E-04	443571.5	3769982.1	270.0	0.00
4.19	2.38	YES					
L0030915		2	0.42371E-04	443578.0	3769975.9	270.0	0.00
4.19	2.38	YES					
L0030916		2	0.42371E-04	443584.6	3769969.8	270.0	0.00
4.19	2.38	YES					
L0030917		2	0.42371E-04	443591.1	3769963.6	270.0	0.00
4.19	2.38	YES					
L0030918		2	0.42371E-04	443597.6	3769957.4	270.0	0.00
4.19	2.38	YES					
L0030919		2	0.42371E-04	443604.2	3769951.2	270.0	0.00
4.19	2.38	YES					
L0030920		2	0.42371E-04	443611.0	3769945.4	270.0	0.00
4.19	2.38	YES					
L0030921		2	0.42371E-04	443617.9	3769939.5	270.0	0.00
4.19	2.38	YES					
L0030922		2	0.42371E-04	443624.7	3769933.6	270.0	0.00
4.19	2.38	YES					
L0030923		2	0.42371E-04	443631.9	3769928.3	270.0	0.00
4.19	2.38	YES					
L0030924		2	0.42371E-04	443640.0	3769924.4	270.0	0.00
4.19	2.38	YES					
L0030925		2	0.42371E-04	443648.1	3769920.5	270.0	0.00
4.19	2.38	YES					
L0030926		2	0.42371E-04	443656.2	3769916.6	270.0	0.00
4.19	2.38	YES					
L0030927		2	0.42371E-04	443664.3	3769912.7	270.0	0.00
4.19	2.38	YES					
L0030928		2	0.42371E-04	443672.5	3769908.9	270.0	0.00
4.19	2.38	YES					
L0030929		2	0.32231E-04	443741.2	3770047.3	270.0	0.00
4.19	2.38	YES					
L0030930		2	0.32231E-04	443749.9	3770044.8	270.0	0.00
4.19	2.38	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0030931	2	0.32231E-04	443758.5	3770042.3	270.0	0.00	4.19	2.38	YES
L0030932	2	0.32231E-04	443767.2	3770039.8	270.0	0.00	4.19	2.38	YES
L0030933	2	0.32231E-04	443775.8	3770037.4	270.0	0.00	4.19	2.38	YES
L0030934	2	0.32231E-04	443784.5	3770034.9	270.0	0.00	4.19	2.38	YES
L0030935	2	0.32231E-04	443793.1	3770032.4	270.0	0.00	4.19	2.38	YES
L0030936	2	0.32231E-04	443801.7	3770029.9	270.0	0.00	4.19	2.38	YES
L0030937	2	0.32231E-04	443810.4	3770027.4	270.0	0.00	4.19	2.38	YES
L0030938	2	0.32231E-04	443817.9	3770022.8	270.0	0.00	4.19	2.38	YES
L0030939	2	0.32231E-04	443824.9	3770017.1	270.0	0.00	4.19	2.38	YES
L0030940	2	0.32231E-04	443831.9	3770011.4	270.0	0.00	4.19	2.38	YES
L0030941	2	0.32231E-04	443838.9	3770005.7	270.0	0.00	4.19	2.38	YES
L0030942	2	0.32231E-04	443845.1	3769999.5	270.0	0.00	4.19	2.38	YES
L0030943	2	0.32231E-04	443849.4	3769991.5	270.0	0.00	4.19	2.38	YES
L0030944	2	0.32231E-04	443853.6	3769983.6	270.0	0.00	4.19	2.38	YES
L0030945	2	0.32231E-04	443857.8	3769975.6	270.0	0.00	4.19	2.38	YES
L0030946	2	0.32231E-04	443858.9	3769967.2	270.0	0.00	4.19	2.38	YES

L0030947		2	0.32231E-04	443857.1	3769958.4	270.0	0.00	
4.19	2.38	YES						
L0030948		2	0.32231E-04	443855.4	3769949.6	270.0	0.00	
4.19	2.38	YES						
L0030949		2	0.32231E-04	443850.4	3769942.4	270.0	0.00	
4.19	2.38	YES						
L0030950		2	0.32231E-04	443844.1	3769936.1	270.0	0.00	
4.19	2.38	YES						
L0030951		2	0.32231E-04	443837.7	3769929.7	270.0	0.00	
4.19	2.38	YES						
L0030952		2	0.32231E-04	443829.2	3769927.4	270.0	0.00	
4.19	2.38	YES						
L0030953		2	0.32231E-04	443820.4	3769925.9	270.0	0.00	
4.19	2.38	YES						
L0030954		2	0.32231E-04	443811.7	3769927.7	270.0	0.00	
4.19	2.38	YES						
L0030955		2	0.32231E-04	443803.1	3769930.4	270.0	0.00	
4.19	2.38	YES						
L0030956		2	0.32231E-04	443794.5	3769933.0	270.0	0.00	
4.19	2.38	YES						
L0030957		2	0.32231E-04	443786.1	3769936.2	270.0	0.00	
4.19	2.38	YES						
L0030958		2	0.32231E-04	443778.0	3769940.1	270.0	0.00	
4.19	2.38	YES						
L0030959		2	0.32231E-04	443769.9	3769944.0	270.0	0.00	
4.19	2.38	YES						
L0030960		2	0.32231E-04	443761.8	3769947.9	270.0	0.00	
4.19	2.38	YES						
L0030961		2	0.32231E-04	443753.7	3769951.8	270.0	0.00	
4.19	2.38	YES						
L0030962		2	0.32231E-04	443745.5	3769955.7	270.0	0.00	
4.19	2.38	YES						
L0030963		2	0.32231E-04	443737.4	3769959.6	270.0	0.00	
4.19	2.38	YES						
L0030964		2	0.32231E-04	443729.3	3769963.5	270.0	0.00	
4.19	2.38	YES						
L0030965		2	0.32231E-04	443721.2	3769967.4	270.0	0.00	
4.19	2.38	YES						
L0030966		2	0.32231E-04	443713.1	3769971.3	270.0	0.00	
4.19	2.38	YES						
L0030967		2	0.32231E-04	443705.0	3769975.2	270.0	0.00	
4.19	2.38	YES						
L0030968		2	0.32231E-04	443697.0	3769979.3	270.0	0.00	
4.19	2.38	YES						
L0030969		2	0.32231E-04	443689.4	3769984.1	270.0	0.00	
4.19	2.38	YES						
L0030970		2	0.32231E-04	443681.7	3769988.8	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0030971	2	0.32231E-04	443674.1	3769993.6	270.0	0.00	4.19	2.38	YES
L0030972	2	0.32231E-04	443666.5	3769998.4	270.0	0.00	4.19	2.38	YES
L0030973	2	0.32231E-04	443658.9	3770003.2	270.0	0.00	4.19	2.38	YES
L0030974	2	0.32231E-04	443651.2	3770008.0	270.0	0.00	4.19	2.38	YES
L0030975	2	0.32231E-04	443643.6	3770012.8	270.0	0.00	4.19	2.38	YES
L0030976	2	0.32231E-04	443636.0	3770017.5	270.0	0.00	4.19	2.38	YES
L0030977	2	0.32231E-04	443628.4	3770022.3	270.0	0.00	4.19	2.38	YES
L0030978	2	0.32231E-04	443620.7	3770027.1	270.0	0.00	4.19	2.38	YES
L0030979	2	0.32231E-04	443613.1	3770031.9	270.0	0.00	4.19	2.38	YES
L0030980	2	0.32231E-04	443605.5	3770036.7	270.0	0.00	4.19	2.38	YES
L0030981	2	0.32893E-04	443691.2	3770111.8	270.0	0.00	4.19	2.38	YES
L0030982	2	0.32893E-04	443688.5	3770103.2	270.0	0.00	4.19	2.38	YES
L0030983	2	0.32893E-04	443685.8	3770094.6	270.0	0.00	4.19	2.38	YES
L0030984	2	0.32893E-04	443682.8	3770086.1	270.0	0.00	4.19	2.38	YES
L0030985	2	0.32893E-04	443679.7	3770077.7	270.0	0.00	4.19	2.38	YES
L0030986	2	0.32893E-04	443675.3	3770070.0	270.0	0.00	4.19	2.38	YES

L0030987		2	0.32893E-04	443669.0	3770063.6	270.0	0.00	
4.19	2.38	YES						
L0030988		2	0.32893E-04	443662.7	3770057.1	270.0	0.00	
4.19	2.38	YES						
L0030989		2	0.32893E-04	443654.8	3770053.1	270.0	0.00	
4.19	2.38	YES						
L0030990		2	0.32893E-04	443646.5	3770049.6	270.0	0.00	
4.19	2.38	YES						
L0030991		2	0.32893E-04	443637.8	3770047.4	270.0	0.00	
4.19	2.38	YES						
L0030992		2	0.32893E-04	443629.1	3770045.3	270.0	0.00	
4.19	2.38	YES						
L0030993		2	0.32893E-04	443620.2	3770045.3	270.0	0.00	
4.19	2.38	YES						
L0030994		2	0.32893E-04	443611.4	3770046.9	270.0	0.00	
4.19	2.38	YES						
L0030995		2	0.32893E-04	443602.9	3770049.6	270.0	0.00	
4.19	2.38	YES						
L0030996		2	0.32893E-04	443594.9	3770053.7	270.0	0.00	
4.19	2.38	YES						
L0030997		2	0.32893E-04	443586.7	3770057.5	270.0	0.00	
4.19	2.38	YES						
L0030998		2	0.32893E-04	443578.5	3770061.2	270.0	0.00	
4.19	2.38	YES						
L0030999		2	0.32893E-04	443570.7	3770065.6	270.0	0.00	
4.19	2.38	YES						
L0031000		2	0.32893E-04	443563.0	3770070.2	270.0	0.00	
4.19	2.38	YES						
L0031001		2	0.32893E-04	443555.2	3770074.8	270.0	0.00	
4.19	2.38	YES						
L0031002		2	0.32893E-04	443547.5	3770079.4	270.0	0.00	
4.19	2.38	YES						
L0031003		2	0.32893E-04	443539.8	3770084.1	270.0	0.00	
4.19	2.38	YES						
L0031004		2	0.32893E-04	443532.0	3770088.7	270.0	0.00	
4.19	2.38	YES						
L0031005		2	0.32893E-04	443524.3	3770093.3	270.0	0.00	
4.19	2.38	YES						
L0031006		2	0.32893E-04	443516.6	3770097.9	270.0	0.00	
4.19	2.38	YES						
L0031007		2	0.32893E-04	443508.8	3770102.5	270.0	0.00	
4.19	2.38	YES						
L0031008		2	0.32893E-04	443501.1	3770107.1	270.0	0.00	
4.19	2.38	YES						
L0031009		2	0.50290E-04	444158.3	3769774.4	270.0	0.00	
4.19	2.38	YES						
L0031010		2	0.50290E-04	444150.0	3769777.9	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0031011	2	0.50290E-04	444141.7	3769781.4	270.0	0.00	4.19	2.38	YES
L0031012	2	0.50290E-04	444133.4	3769784.8	270.0	0.00	4.19	2.38	YES
L0031013	2	0.50290E-04	444125.1	3769788.3	270.0	0.00	4.19	2.38	YES
L0031014	2	0.50290E-04	444116.8	3769791.7	270.0	0.00	4.19	2.38	YES
L0031015	2	0.50290E-04	444108.5	3769795.2	270.0	0.00	4.19	2.38	YES
L0031016	2	0.50290E-04	444100.2	3769798.7	270.0	0.00	4.19	2.38	YES
L0031017	2	0.50290E-04	444091.9	3769802.1	270.0	0.00	4.19	2.38	YES
L0031018	2	0.50290E-04	444083.5	3769805.6	270.0	0.00	4.19	2.38	YES
L0031019	2	0.50290E-04	444075.2	3769809.1	270.0	0.00	4.19	2.38	YES
L0031020	2	0.50290E-04	444066.9	3769812.5	270.0	0.00	4.19	2.38	YES
L0031021	2	0.50290E-04	444058.6	3769816.0	270.0	0.00	4.19	2.38	YES
L0031022	2	0.50290E-04	444050.3	3769819.5	270.0	0.00	4.19	2.38	YES
L0031023	2	0.50290E-04	444042.0	3769822.9	270.0	0.00	4.19	2.38	YES
L0031024	2	0.50290E-04	444033.7	3769826.4	270.0	0.00	4.19	2.38	YES
L0031025	2	0.50290E-04	444025.4	3769829.8	270.0	0.00	4.19	2.38	YES
L0031026	2	0.50290E-04	444017.1	3769833.3	270.0	0.00	4.19	2.38	YES

L0031027		2	0.50290E-04	444008.8	3769836.8	270.0	0.00	
4.19	2.38	YES						
L0031028		2	0.50290E-04	444000.5	3769840.2	270.0	0.00	
4.19	2.38	YES						
L0031029		2	0.50290E-04	443992.2	3769843.7	270.0	0.00	
4.19	2.38	YES						
L0031030		2	0.50290E-04	443983.9	3769847.2	270.0	0.00	
4.19	2.38	YES						
L0031031		2	0.50290E-04	443975.6	3769850.6	270.0	0.00	
4.19	2.38	YES						
L0031032		2	0.50290E-04	443967.7	3769854.9	270.0	0.00	
4.19	2.38	YES						
L0031033		2	0.50290E-04	443960.0	3769859.6	270.0	0.00	
4.19	2.38	YES						
L0031034		2	0.50290E-04	443952.3	3769864.3	270.0	0.00	
4.19	2.38	YES						
L0031035		2	0.50290E-04	443944.6	3769868.9	270.0	0.00	
4.19	2.38	YES						
L0031036		2	0.50290E-04	443936.9	3769873.6	270.0	0.00	
4.19	2.38	YES						
L0031037		2	0.50290E-04	443929.2	3769878.3	270.0	0.00	
4.19	2.38	YES						
L0031038		2	0.50290E-04	443921.5	3769882.9	270.0	0.00	
4.19	2.38	YES						
L0031039		2	0.50290E-04	443913.8	3769887.6	270.0	0.00	
4.19	2.38	YES						
L0031040		2	0.50290E-04	443908.9	3769895.1	270.0	0.00	
4.19	2.38	YES						
L0031041		2	0.50290E-04	443904.2	3769902.7	270.0	0.00	
4.19	2.38	YES						
L0031042		2	0.50290E-04	443899.4	3769910.4	270.0	0.00	
4.19	2.38	YES						
L0031043		2	0.50290E-04	443895.8	3769918.6	270.0	0.00	
4.19	2.38	YES						
L0031044		2	0.50290E-04	443892.7	3769927.0	270.0	0.00	
4.19	2.38	YES						
L0031045		2	0.50290E-04	443889.6	3769935.5	270.0	0.00	
4.19	2.38	YES						
L0031046		2	0.50290E-04	443886.5	3769943.9	270.0	0.00	
4.19	2.38	YES						
L0031047		2	0.50290E-04	443883.4	3769952.4	270.0	0.00	
4.19	2.38	YES						
L0031048		2	0.50290E-04	443880.3	3769960.8	270.0	0.00	
4.19	2.38	YES						
L0031049		2	0.50290E-04	443877.2	3769969.2	270.0	0.00	
4.19	2.38	YES						
L0031050		2	0.50290E-04	443874.0	3769977.7	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0031051	2	0.50290E-04	443870.9	3769986.1	270.0	0.00	4.19	2.38	YES
L0031052	2	0.50290E-04	443867.7	3769994.5	270.0	0.00	4.19	2.38	YES
L0031053	2	0.50290E-04	443864.6	3770003.0	270.0	0.00	4.19	2.38	YES
L0031054	2	0.50290E-04	443860.2	3770010.8	270.0	0.00	4.19	2.38	YES
L0031055	2	0.50290E-04	443855.8	3770018.7	270.0	0.00	4.19	2.38	YES
L0031056	2	0.50290E-04	443851.5	3770026.6	270.0	0.00	4.19	2.38	YES
L0031057	2	0.50290E-04	443845.3	3770033.0	270.0	0.00	4.19	2.38	YES
L0031058	2	0.50290E-04	443838.7	3770039.2	270.0	0.00	4.19	2.38	YES
L0031059	2	0.50290E-04	443831.8	3770044.8	270.0	0.00	4.19	2.38	YES
L0031060	2	0.50290E-04	443823.4	3770047.9	270.0	0.00	4.19	2.38	YES
L0031061	2	0.50290E-04	443814.9	3770050.9	270.0	0.00	4.19	2.38	YES
L0031062	2	0.50290E-04	443806.4	3770054.0	270.0	0.00	4.19	2.38	YES
L0031063	2	0.50290E-04	443797.8	3770056.6	270.0	0.00	4.19	2.38	YES
L0031064	2	0.50290E-04	443789.1	3770058.7	270.0	0.00	4.19	2.38	YES
L0031065	2	0.50290E-04	443780.3	3770060.8	270.0	0.00	4.19	2.38	YES
L0031066	2	0.50290E-04	443771.6	3770063.0	270.0	0.00	4.19	2.38	YES

L0031067		2	0.50290E-04	443762.7	3770064.6	270.0	0.00
4.19	2.38	YES					
L0031068		2	0.50290E-04	443753.8	3770065.6	270.0	0.00
4.19	2.38	YES					
L0031069		2	0.50290E-04	443744.9	3770066.7	270.0	0.00
4.19	2.38	YES					
L0031070		2	0.50290E-04	443735.9	3770067.7	270.0	0.00
4.19	2.38	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0030531 , L0030532 , L0030533 , L0030534 , L0030535 , L0030536 , L0030537 , L0030538 ,
	L0030539 , L0030540 , L0030541 , L0030542 , L0030543 , L0030544 , L0030545 , L0030546 ,
	L0030547 , L0030548 , L0030549 , L0030550 , L0030551 , L0030552 , L0030553 , L0030554 ,
	L0030555 , L0030556 , L0030557 , L0030558 , L0030559 , L0030560 , L0030561 , L0030562 ,
	L0030563 , L0030564 , L0030565 , L0030566 , L0030567 , L0030568 , L0030569 , L0030570 ,
	L0030571 , L0030572 , L0030573 , L0030574 , L0030575 , L0030576 , L0030577 , L0030578 ,
	L0030579 , L0030580 , L0030581 , L0030582 , L0030583 , L0030584 , L0030585 , L0030586 ,
	L0030587 , L0030588 , L0030589 , L0030590 , L0030591 , L0030592 , L0030593 , L0030594 ,
	L0030595 , L0030596 , L0030597 , L0030598 , L0030599 , L0030600 , L0030601 , L0030602 ,
	L0030603 , L0030604 , L0030605 , L0030606 , L0030607 , L0030608 , L0030609 , L0030610 ,
	L0030611 , L0030612 , L0030613 , L0030614 , L0030615 , L0030616 , L0030617 , L0030618 ,
	L0030619 , L0030620 , L0030621 , L0030622 , L0030623 , L0030624 , L0030625 , L0030626 ,
	L0030627 , L0030628 , L0030629 , L0030630 , L0030631 , L0030632 , L0030633 , L0030634 ,

L0030635 , L0030636 , L0030637 , L0030638 ,
L0030639 , L0030640 , L0030641 , L0030642 ,

L0030643 , L0030644 , L0030645 , L0030646 ,
L0030647 , L0030648 , L0030649 , L0030650 ,

L0030651 , L0030652 , L0030653 , L0030654 ,
L0030655 , L0030656 , L0030657 , L0030658 ,

L0030659 , L0030660 , L0030661 , L0030662 ,
L0030663 , L0030664 , L0030665 , L0030666 ,

L0030667 , L0030668 , L0030669 , L0030670 ,
L0030671 , L0030672 , L0030673 , L0030674 ,

L0030675 , L0030676 , L0030677 , L0030678 ,
L0030679 , L0030680 , L0030681 , L0030682 ,

L0030683 , L0030684 , L0030685 , L0030686 ,
L0030687 , L0030688 , L0030689 , L0030690 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0030691 , L0030692 , L0030693 , L0030694 , L0030695 , L0030696 , L0030697 , L0030698 ,
	L0030699 , L0030700 , L0030701 , L0030702 , L0030703 , L0030704 , L0030705 , L0030706 ,
	L0030707 , L0030708 , L0030709 , L0030710 , L0030711 , L0030712 , L0030713 , L0030714 ,
	L0030715 , L0030716 , L0030717 , L0030718 , L0030719 , L0030720 , L0030721 , L0030722 ,
	L0030723 , L0030724 , L0030725 , L0030726 , L0030727 , L0030728 , L0030729 , L0030730 ,
	L0030731 , L0030732 , L0030733 , L0030734 , L0030735 , L0030736 , L0030737 , L0030738 ,
	L0030739 , L0030740 , L0030741 , L0030742 , L0030743 , L0030744 , L0030745 , L0030746 ,
	L0030747 , L0030748 , L0030749 , L0030750 , L0030751 , L0030752 , L0030753 , L0030754 ,
	L0030755 , L0030756 , L0030757 , L0030758 , L0030759 , L0030760 , L0030761 , L0030762 ,
	L0030763 , L0030764 , L0030765 , L0030766 , L0030767 , L0030768 , L0030769 , L0030770 ,
	L0030771 , L0030772 , L0030773 , L0030774 , L0030775 , L0030776 , L0030777 , L0030778 ,
	L0030779 , L0030780 , L0030781 , L0030782 , L0030783 , L0030784 , L0030785 , L0030786 ,
	L0030787 , L0030788 , L0030789 , L0030790 , L0030791 , L0030792 , L0030793 , L0030794 ,

L0030795 , L0030796 , L0030797 , L0030798 ,
L0030799 , L0030800 , L0030801 , L0030802 ,

L0030803 , L0030804 , L0030805 , L0030806 ,
L0030807 , L0030808 , L0030809 , L0030810 ,

L0030811 , L0030812 , L0030813 , L0030814 ,
L0030815 , L0030816 , L0030817 , L0030818 ,

L0030819 , L0030820 , L0030821 , L0030822 ,
L0030823 , L0030824 , L0030825 , L0030826 ,

L0030827 , L0030828 , L0030829 , L0030830 ,
L0030831 , L0030832 , L0030833 , L0030834 ,

L0030835 , L0030836 , L0030837 , L0030838 ,
L0030839 , L0030840 , L0030841 , L0030842 ,

L0030843 , L0030844 , L0030845 , L0030846 ,
L0030847 , L0030848 , L0030849 , L0030850 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0030851 , L0030852 , L0030853 , L0030854 , L0030855 , L0030856 , L0030857 , L0030858 ,
	L0030859 , L0030860 , L0030861 , L0030862 , L0030863 , L0030864 , L0030865 , L0030866 ,
	L0030867 , L0030868 , L0030869 , L0030870 , L0030871 , L0030872 , L0030873 , L0030874 ,
	L0030875 , L0030876 , L0030877 , L0030878 , L0030879 , L0030880 , L0030881 , L0030882 ,
	L0030883 , L0030884 , L0030885 , L0030886 , L0030887 , L0030888 , L0030889 , L0030890 ,
	L0030891 , L0030892 , L0030893 , L0030894 , L0030895 , L0030896 , L0030897 , L0030898 ,
	L0030899 , L0030900 , L0030901 , L0030902 , L0030903 , L0030904 , L0030905 , L0030906 ,
	L0030907 , L0030908 , L0030909 , L0030910 , L0030911 , L0030912 , L0030913 , L0030914 ,
	L0030915 , L0030916 , L0030917 , L0030918 , L0030919 , L0030920 , L0030921 , L0030922 ,
	L0030923 , L0030924 , L0030925 , L0030926 , L0030927 , L0030928 , L0030929 , L0030930 ,
	L0030931 , L0030932 , L0030933 , L0030934 , L0030935 , L0030936 , L0030937 , L0030938 ,
	L0030939 , L0030940 , L0030941 , L0030942 , L0030943 , L0030944 , L0030945 , L0030946 ,
	L0030947 , L0030948 , L0030949 , L0030950 , L0030951 , L0030952 , L0030953 , L0030954 ,

L0030955 , L0030956 , L0030957 , L0030958 ,
L0030959 , L0030960 , L0030961 , L0030962 ,

L0030963 , L0030964 , L0030965 , L0030966 ,
L0030967 , L0030968 , L0030969 , L0030970 ,

L0030971 , L0030972 , L0030973 , L0030974 ,
L0030975 , L0030976 , L0030977 , L0030978 ,

L0030979 , L0030980 , L0030981 , L0030982 ,
L0030983 , L0030984 , L0030985 , L0030986 ,

L0030987 , L0030988 , L0030989 , L0030990 ,
L0030991 , L0030992 , L0030993 , L0030994 ,

L0030995 , L0030996 , L0030997 , L0030998 ,
L0030999 , L0031000 , L0031001 , L0031002 ,

L0031003 , L0031004 , L0031005 , L0031006 ,
L0031007 , L0031008 , L0031009 , L0031010 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0031011 , L0031012 , L0031013 , L0031014 , L0031015 , L0031016 , L0031017 , L0031018 ,
	L0031019 , L0031020 , L0031021 , L0031022 , L0031023 , L0031024 , L0031025 , L0031026 ,
	L0031027 , L0031028 , L0031029 , L0031030 , L0031031 , L0031032 , L0031033 , L0031034 ,
	L0031035 , L0031036 , L0031037 , L0031038 , L0031039 , L0031040 , L0031041 , L0031042 ,
	L0031043 , L0031044 , L0031045 , L0031046 , L0031047 , L0031048 , L0031049 , L0031050 ,
	L0031051 , L0031052 , L0031053 , L0031054 , L0031055 , L0031056 , L0031057 , L0031058 ,
	L0031059 , L0031060 , L0031061 , L0031062 , L0031063 , L0031064 , L0031065 , L0031066 ,
	L0031067 , L0031068 , L0031069 , L0031070 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2015355.	L0030531 , L0030532 , L0030533 , L0030534 , L0030535 , L0030536 , L0030537 , L0030538 ,
		L0030539 , L0030540 , L0030541 , L0030542 , L0030543 , L0030544 , L0030545 , L0030546 ,
		L0030547 , L0030548 , L0030549 , L0030550 , L0030551 , L0030552 , L0030553 , L0030554 ,
		L0030555 , L0030556 , L0030557 , L0030558 , L0030559 , L0030560 , L0030561 , L0030562 ,
		L0030563 , L0030564 , L0030565 , L0030566 , L0030567 , L0030568 , L0030569 , L0030570 ,
		L0030571 , L0030572 , L0030573 , L0030574 , L0030575 , L0030576 , L0030577 , L0030578 ,
		L0030579 , L0030580 , L0030581 , L0030582 , L0030583 , L0030584 , L0030585 , L0030586 ,
		L0030587 , L0030588 , L0030589 , L0030590 , L0030591 , L0030592 , L0030593 , L0030594 ,
		L0030595 , L0030596 , L0030597 , L0030598 , L0030599 , L0030600 , L0030601 , L0030602 ,
		L0030603 , L0030604 , L0030605 , L0030606 , L0030607 , L0030608 , L0030609 , L0030610 ,
		L0030611 , L0030612 , L0030613 , L0030614 , L0030615 , L0030616 , L0030617 , L0030618 ,
		L0030619 , L0030620 , L0030621 , L0030622 , L0030623 , L0030624 , L0030625 , L0030626 ,

L0030627 , L0030628 , L0030629 , L0030630 ,
L0030631 , L0030632 , L0030633 , L0030634 ,

L0030635 , L0030636 , L0030637 , L0030638 ,
L0030639 , L0030640 , L0030641 , L0030642 ,

L0030643 , L0030644 , L0030645 , L0030646 ,
L0030647 , L0030648 , L0030649 , L0030650 ,

L0030651 , L0030652 , L0030653 , L0030654 ,
L0030655 , L0030656 , L0030657 , L0030658 ,

L0030659 , L0030660 , L0030661 , L0030662 ,
L0030663 , L0030664 , L0030665 , L0030666 ,

L0030667 , L0030668 , L0030669 , L0030670 ,
L0030671 , L0030672 , L0030673 , L0030674 ,

L0030675 , L0030676 , L0030677 , L0030678 ,
L0030679 , L0030680 , L0030681 , L0030682 ,

L0030683 , L0030684 , L0030685 , L0030686 ,
L0030687 , L0030688 , L0030689 , L0030690 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0030691 , L0030692 , L0030693 , L0030694 , L0030695 , L0030696 , L0030697 , L0030698 ,

L0030699 , L0030700 , L0030701 , L0030702 , L0030703 , L0030704 , L0030705 , L0030706 ,

L0030707 , L0030708 , L0030709 , L0030710 , L0030711 , L0030712 , L0030713 , L0030714 ,

L0030715 , L0030716 , L0030717 , L0030718 , L0030719 , L0030720 , L0030721 , L0030722 ,

L0030723 , L0030724 , L0030725 , L0030726 , L0030727 , L0030728 , L0030729 , L0030730 ,

L0030731 , L0030732 , L0030733 , L0030734 , L0030735 , L0030736 , L0030737 , L0030738 ,

L0030739 , L0030740 , L0030741 , L0030742 , L0030743 , L0030744 , L0030745 , L0030746 ,

L0030747 , L0030748 , L0030749 , L0030750 , L0030751 , L0030752 , L0030753 , L0030754 ,

L0030755 , L0030756 , L0030757 , L0030758 , L0030759 , L0030760 , L0030761 , L0030762 ,

L0030763 , L0030764 , L0030765 , L0030766 , L0030767 , L0030768 , L0030769 , L0030770 ,

L0030771 , L0030772 , L0030773 , L0030774 , L0030775 , L0030776 , L0030777 , L0030778 ,

L0030779 , L0030780 , L0030781 , L0030782 , L0030783 , L0030784 , L0030785 , L0030786 ,

L0030787 , L0030788 , L0030789 , L0030790 , L0030791 , L0030792 , L0030793 , L0030794 ,

L0030795 , L0030796 , L0030797 , L0030798 ,
L0030799 , L0030800 , L0030801 , L0030802 ,

L0030803 , L0030804 , L0030805 , L0030806 ,
L0030807 , L0030808 , L0030809 , L0030810 ,

L0030811 , L0030812 , L0030813 , L0030814 ,
L0030815 , L0030816 , L0030817 , L0030818 ,

L0030819 , L0030820 , L0030821 , L0030822 ,
L0030823 , L0030824 , L0030825 , L0030826 ,

L0030827 , L0030828 , L0030829 , L0030830 ,
L0030831 , L0030832 , L0030833 , L0030834 ,

L0030835 , L0030836 , L0030837 , L0030838 ,
L0030839 , L0030840 , L0030841 , L0030842 ,

L0030843 , L0030844 , L0030845 , L0030846 ,
L0030847 , L0030848 , L0030849 , L0030850 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0030851 , L0030852 , L0030853 , L0030854 , L0030855 , L0030856 , L0030857 , L0030858 ,

L0030859 , L0030860 , L0030861 , L0030862 , L0030863 , L0030864 , L0030865 , L0030866 ,

L0030867 , L0030868 , L0030869 , L0030870 , L0030871 , L0030872 , L0030873 , L0030874 ,

L0030875 , L0030876 , L0030877 , L0030878 , L0030879 , L0030880 , L0030881 , L0030882 ,

L0030883 , L0030884 , L0030885 , L0030886 , L0030887 , L0030888 , L0030889 , L0030890 ,

L0030891 , L0030892 , L0030893 , L0030894 , L0030895 , L0030896 , L0030897 , L0030898 ,

L0030899 , L0030900 , L0030901 , L0030902 , L0030903 , L0030904 , L0030905 , L0030906 ,

L0030907 , L0030908 , L0030909 , L0030910 , L0030911 , L0030912 , L0030913 , L0030914 ,

L0030915 , L0030916 , L0030917 , L0030918 , L0030919 , L0030920 , L0030921 , L0030922 ,

L0030923 , L0030924 , L0030925 , L0030926 , L0030927 , L0030928 , L0030929 , L0030930 ,

L0030931 , L0030932 , L0030933 , L0030934 , L0030935 , L0030936 , L0030937 , L0030938 ,

L0030939 , L0030940 , L0030941 , L0030942 , L0030943 , L0030944 , L0030945 , L0030946 ,

L0030947 , L0030948 , L0030949 , L0030950 , L0030951 , L0030952 , L0030953 , L0030954 ,

L0030955 , L0030956 , L0030957 , L0030958 ,
L0030959 , L0030960 , L0030961 , L0030962 ,

L0030963 , L0030964 , L0030965 , L0030966 ,
L0030967 , L0030968 , L0030969 , L0030970 ,

L0030971 , L0030972 , L0030973 , L0030974 ,
L0030975 , L0030976 , L0030977 , L0030978 ,

L0030979 , L0030980 , L0030981 , L0030982 ,
L0030983 , L0030984 , L0030985 , L0030986 ,

L0030987 , L0030988 , L0030989 , L0030990 ,
L0030991 , L0030992 , L0030993 , L0030994 ,

L0030995 , L0030996 , L0030997 , L0030998 ,
L0030999 , L0031000 , L0031001 , L0031002 ,

L0031003 , L0031004 , L0031005 , L0031006 ,
L0031007 , L0031008 , L0031009 , L0031010 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0031011 , L0031012 , L0031013 , L0031014 , L0031015 , L0031016 , L0031017 , L0031018 ,

L0031019 , L0031020 , L0031021 , L0031022 , L0031023 , L0031024 , L0031025 , L0031026 ,

L0031027 , L0031028 , L0031029 , L0031030 , L0031031 , L0031032 , L0031033 , L0031034 ,

L0031035 , L0031036 , L0031037 , L0031038 , L0031039 , L0031040 , L0031041 , L0031042 ,

L0031043 , L0031044 , L0031045 , L0031046 , L0031047 , L0031048 , L0031049 , L0031050 ,

L0031051 , L0031052 , L0031053 , L0031054 , L0031055 , L0031056 , L0031057 , L0031058 ,

L0031059 , L0031060 , L0031061 , L0031062 , L0031063 , L0031064 , L0031065 , L0031066 ,

L0031067 , L0031068 , L0031069 , L0031070 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030531 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030532 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030533 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030534 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030535 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030536 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030537 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030538 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030539 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030540 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030541 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030542 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030543 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030544 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030545 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030546 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030547 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030548 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030549 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030550 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030551 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030552 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030553 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030554 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030555 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030556 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030557 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030558 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030559 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030560 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030561 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030562 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030563 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030564 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030565 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030566 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030567 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030568 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030569 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030570 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030571 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030572 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030573 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030574 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030575 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030576 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030577 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030578 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030579 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030580 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030581 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030582 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030583 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030584 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030585 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030586 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030587 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030588 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030589 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030590 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030591 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030592 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030593 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030594 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030595 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030596 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030597 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030598 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030599 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030600 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030601 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030602 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030603 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030604 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030605 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030606 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030607 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030608 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030609 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030610 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030611 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030612 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030613 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030614 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030615 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030616 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030617 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030618 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030619 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030620 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030621 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030622 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030623 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030624 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030625 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030626 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030627 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030628 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030629 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030630 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030631 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030632 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030633 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030634 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030635 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030636 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030637 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030638 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030639 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030640 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030641 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030642 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030643 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030644 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030645 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030646 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030647 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030648 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030649 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030650 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030651 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030652 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030653 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030654 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030655 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030656 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030657 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030658 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030659 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030660 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030661 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030662 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030663 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030664 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030665 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030666 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030667 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030668 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030669 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030670 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030671 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030672 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030673 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030674 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030675 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030676 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030677 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030678 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030679 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030680 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030681 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030682 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030683 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030684 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030685 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030686 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030687 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030688 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030689 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030690 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030691 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030692 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030693 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030694 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030695 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030696 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030697 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030698 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030699 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030700 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030701 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030702 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030703 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030704 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030705 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030706 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030707 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030708 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030709 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030710 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030711 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030712 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030713 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030714 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030715 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030716 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030717 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030718 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030719 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030720 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030721 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030722 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030723 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030724 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030725 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030726 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030727 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030728 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030729 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030730 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030731 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030732 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030733 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030734 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030735 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030736 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030737 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030738 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030739 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030740 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030741 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030742 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030743 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030744 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030745 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030746 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030747 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030748 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030749 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030750 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030751 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030752 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030753 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030754 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030755 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030756 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030757 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030758 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030759 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030760 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030761 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030762 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030763 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030764 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030765 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030766 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030767 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030768 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030769 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030770 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030771 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030772 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030773 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030774 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030775 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030776 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030777 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030778 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030779 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030780 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030781 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030782 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030783 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030784 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030785 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030786 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030787 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030788 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030789 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030790 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030791 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030792 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030793 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030794 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030795 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030796 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030797 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030798 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030799 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030800 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030801 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030802 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030803 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030804 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030805 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030806 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030807 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030808 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030809 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030810 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030811 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030812 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030813 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030814 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030815 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030816 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030817 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030818 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030819 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030820 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030821 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030822 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030823 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030824 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030825 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030826 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030827 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030828 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030829 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030830 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030831 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030832 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030833 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030834 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030835 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030836 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030837 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030838 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030839 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030840 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030841 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030842 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030843 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030844 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030845 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030846 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030847 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030848 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030849 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030850 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030851 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030852 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030853 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030854 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030855 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030856 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030857 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030858 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030859 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030860 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030861 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030862 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030863 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030864 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030865 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030866 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030867 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030868 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030869 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030870 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030871 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030872 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030873 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030874 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030875 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030876 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030877 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030878 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030879 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030880 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030881 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030882 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030883 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030884 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030885 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030886 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030887 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030888 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030889 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030890 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030891 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030892 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030893 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030894 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030895 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030896 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030897 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030898 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030899 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030900 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030901 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030902 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030903 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030904 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030905 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030906 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030907 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030908 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030909 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030910 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030911 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030912 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030913 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030914 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030915 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030916 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030917 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030918 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030919 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030920 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030921 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030922 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030923 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030924 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030925 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030926 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030927 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030928 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030929 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030930 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030931 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030932 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030933 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030934 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030935 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030936 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030937 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030938 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030939 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030940 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030941 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030942 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030943 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030944 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030945 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030946 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030947 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030948 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030949 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030950 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030951 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030952 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030953 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030954 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030955 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030956 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030957 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030958 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030959 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030960 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030961 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030962 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030963 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030964 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030965 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030966 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030967 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030968 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030969 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030970 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030971 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030972 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030973 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030974 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030975 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030976 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030977 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030978 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030979 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030980 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030981 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030982 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030983 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030984 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030985 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030986 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030987 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030988 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030989 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030990 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030991 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030992 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030993 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030994 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030995 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030996 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030997 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0030998 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0030999 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031000 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031001 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0031002 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031003 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031004 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0031005 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031006 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031007 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0031008 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031009 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031010 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0031011 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031012 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031013 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0031014 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031015 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031016 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0031017 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031018 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031019 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0031020 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031021 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031022 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0031023 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031024 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031025 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0031026 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031027 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031028 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0031029 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031030 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031031 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0031032 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031033 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031034 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0031035 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031036 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031037 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0031038 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031039 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031040 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0031041 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031042 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031043 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0031044 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031045 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031046 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0031047 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031048 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031049 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0031050 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031051 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031052 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0031053 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031054 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031055 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0031056 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031057 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031058 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0031059 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031060 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031061 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0031062 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031063 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031064 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0031065 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031066 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031067 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** SOURCE PARTICULATE/GAS DATA ***

*** SOURCE ID = L0031068 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031069 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

*** SOURCE ID = L0031070 ; SOURCE TYPE = VOLUME ***

MASS FRACTION =
0.37850, 0.62150,

PARTICLE DIAMETER (MICRONS) =
1.00000, 2.50000,

PARTICLE DENSITY (G/CM**3) =
2.30000, 2.30000,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

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

(444782.0, 3769929.4, 270.0, 270.0, 0.0); (444818.4, 3769929.4, 270.0, 270.0, 0.0);
(444854.8, 3769929.4, 270.0, 270.0, 0.0); (444891.1, 3769929.4, 270.0, 270.0, 0.0);
(444927.5, 3769929.4, 270.0, 270.0, 0.0); (444963.9, 3769929.4, 270.0, 270.0, 0.0);
(445000.3, 3769929.4, 270.0, 270.0, 0.0); (445036.7, 3769929.4, 270.0, 270.0, 0.0);
(445073.1, 3769929.4, 270.0, 270.0, 0.0); (445109.5, 3769929.4, 270.0, 270.0, 0.0);
(445145.9, 3769929.4, 270.0, 270.0, 0.0); (445182.3, 3769929.4, 270.0, 270.0, 0.0);
(444782.0, 3769941.0, 270.0, 270.0, 0.0); (444818.4, 3769941.0, 270.0, 270.0, 0.0);
(444854.8, 3769941.0, 270.0, 270.0, 0.0); (444891.1, 3769941.0, 270.0, 270.0, 0.0);
(444927.5, 3769941.0, 270.0, 270.0, 0.0); (444963.9, 3769941.0, 270.0, 270.0, 0.0);
(445000.3, 3769941.0, 270.0, 270.0, 0.0); (445036.7, 3769941.0, 270.0, 270.0, 0.0);
(445073.1, 3769941.0, 270.0, 270.0, 0.0); (445109.5, 3769941.0, 270.0, 270.0, 0.0);
(445145.9, 3769941.0, 270.0, 270.0, 0.0); (445182.3, 3769941.0, 270.0, 270.0, 0.0);
(444782.0, 3769952.5, 270.0, 270.0, 0.0); (444818.4, 3769952.5, 270.0, 270.0, 0.0);
(444854.8, 3769952.5, 270.0, 270.0, 0.0); (444891.1, 3769952.5, 270.0, 270.0, 0.0);
(444927.5, 3769952.5, 270.0, 270.0, 0.0); (444963.9, 3769952.5, 270.0, 270.0, 0.0);
(445000.3, 3769952.5, 270.0, 270.0, 0.0); (445036.7, 3769952.5, 270.0, 270.0, 0.0);
(445073.1, 3769952.5, 270.0, 270.0, 0.0); (445109.5, 3769952.5, 270.0, 270.0, 0.0);
(445145.9, 3769952.5, 270.0, 270.0, 0.0); (445182.3, 3769952.5, 270.0, 270.0, 0.0);
(444782.0, 3769964.1, 270.0, 270.0, 0.0); (444818.4, 3769964.1, 270.0, 270.0, 0.0);
(444854.8, 3769964.1, 270.0, 270.0, 0.0); (444891.1, 3769964.1, 270.0, 270.0, 0.0);

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     ( 444927.5, 3769964.1,     270.0,     270.0,       0.0);         (
444963.9, 3769964.1,     270.0,     270.0,       0.0);
     ( 445000.3, 3769964.1,     270.0,     270.0,       0.0);         (
445036.7, 3769964.1,     270.0,     270.0,       0.0);
     ( 445073.1, 3769964.1,     270.0,     270.0,       0.0);         (
445109.5, 3769964.1,     270.0,     270.0,       0.0);
     ( 445145.9, 3769964.1,     270.0,     270.0,       0.0);         (
445182.3, 3769964.1,     270.0,     270.0,       0.0);
     ( 445218.7, 3769964.1,     270.0,     270.0,       0.0);         (
444782.0, 3769975.7,     270.0,     270.0,       0.0);
     ( 444818.4, 3769975.7,     270.0,     270.0,       0.0);         (
444854.8, 3769975.7,     270.0,     270.0,       0.0);
     ( 444891.1, 3769975.7,     270.0,     270.0,       0.0);         (
444927.5, 3769975.7,     270.0,     270.0,       0.0);
     ( 444963.9, 3769975.7,     270.0,     270.0,       0.0);         (
445000.3, 3769975.7,     270.0,     270.0,       0.0);
     ( 445036.7, 3769975.7,     270.0,     270.0,       0.0);         (
445073.1, 3769975.7,     270.0,     270.0,       0.0);
     ( 445109.5, 3769975.7,     270.0,     270.0,       0.0);         (
445145.9, 3769975.7,     270.0,     270.0,       0.0);
     ( 445182.3, 3769975.7,     270.0,     270.0,       0.0);         (
445218.7, 3769975.7,     270.0,     270.0,       0.0);
     ( 444782.0, 3769987.2,     270.0,     270.0,       0.0);         (
444818.4, 3769987.2,     270.0,     270.0,       0.0);
     ( 444854.8, 3769987.2,     270.0,     270.0,       0.0);         (
444891.1, 3769987.2,     270.0,     270.0,       0.0);
     ( 444927.5, 3769987.2,     270.0,     270.0,       0.0);         (
444963.9, 3769987.2,     270.0,     270.0,       0.0);
     ( 445000.3, 3769987.2,     270.0,     270.0,       0.0);         (
445036.7, 3769987.2,     270.0,     270.0,       0.0);
     ( 445073.1, 3769987.2,     270.0,     270.0,       0.0);         (
445109.5, 3769987.2,     270.0,     270.0,       0.0);
     ( 445145.9, 3769987.2,     270.0,     270.0,       0.0);         (
445182.3, 3769987.2,     270.0,     270.0,       0.0);
     ( 445218.7, 3769987.2,     270.0,     270.0,       0.0);         (
444782.0, 3769998.8,     270.0,     270.0,       0.0);
     ( 444818.4, 3769998.8,     270.0,     270.0,       0.0);         (
444854.8, 3769998.8,     270.0,     270.0,       0.0);
     ( 444891.1, 3769998.8,     270.0,     270.0,       0.0);         (
444927.5, 3769998.8,     270.0,     270.0,       0.0);
     ( 444963.9, 3769998.8,     270.0,     270.0,       0.0);         (
445000.3, 3769998.8,     270.0,     270.0,       0.0);
     ( 445036.7, 3769998.8,     270.0,     270.0,       0.0);         (
445073.1, 3769998.8,     270.0,     270.0,       0.0);
     ( 445109.5, 3769998.8,     270.0,     270.0,       0.0);         (
445145.9, 3769998.8,     270.0,     270.0,       0.0);
     ( 445182.3, 3769998.8,     270.0,     270.0,       0.0);         (
445218.7, 3769998.8,     270.0,     270.0,       0.0);
     ( 444782.0, 3770010.4,     270.0,     270.0,       0.0);         (
444818.4, 3770010.4,     270.0,     270.0,       0.0);
```

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

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

(444854.8, 3770010.4, 270.0, 270.0, 0.0); (444891.1, 3770010.4, 270.0, 270.0, 0.0);
(444927.5, 3770010.4, 270.0, 270.0, 0.0); (444963.9, 3770010.4, 270.0, 270.0, 0.0);
(445000.3, 3770010.4, 270.0, 270.0, 0.0); (445036.7, 3770010.4, 270.0, 270.0, 0.0);
(445073.1, 3770010.4, 270.0, 270.0, 0.0); (445109.5, 3770010.4, 270.0, 270.0, 0.0);
(445145.9, 3770010.4, 270.0, 270.0, 0.0); (445182.3, 3770010.4, 270.0, 270.0, 0.0);
(445218.7, 3770010.4, 270.0, 270.0, 0.0); (444782.0, 3770021.9, 270.0, 270.0, 0.0);
(444818.4, 3770021.9, 270.0, 270.0, 0.0); (444854.8, 3770021.9, 270.0, 270.0, 0.0);
(444891.1, 3770021.9, 270.0, 270.0, 0.0); (444927.5, 3770021.9, 270.0, 270.0, 0.0);
(444963.9, 3770021.9, 270.0, 270.0, 0.0); (445000.3, 3770021.9, 270.0, 270.0, 0.0);
(445036.7, 3770021.9, 270.0, 270.0, 0.0); (445073.1, 3770021.9, 270.0, 270.0, 0.0);
(445109.5, 3770021.9, 270.0, 270.0, 0.0); (445145.9, 3770021.9, 270.0, 270.0, 0.0);
(445182.3, 3770021.9, 270.0, 270.0, 0.0); (445218.7, 3770021.9, 270.0, 270.0, 0.0);
(444782.0, 3770033.5, 270.0, 270.0, 0.0); (444818.4, 3770033.5, 270.0, 270.0, 0.0);
(444854.8, 3770033.5, 270.0, 270.0, 0.0); (444891.1, 3770033.5, 270.0, 270.0, 0.0);
(444927.5, 3770033.5, 270.0, 270.0, 0.0); (444963.9, 3770033.5, 270.0, 270.0, 0.0);
(445000.3, 3770033.5, 270.0, 270.0, 0.0); (445036.7, 3770033.5, 270.0, 270.0, 0.0);
(445073.1, 3770033.5, 270.0, 270.0, 0.0); (445109.5, 3770033.5, 270.0, 270.0, 0.0);
(445145.9, 3770033.5, 270.0, 270.0, 0.0); (445182.3, 3770033.5, 270.0, 270.0, 0.0);
(445218.7, 3770033.5, 270.0, 270.0, 0.0); (445249.4, 3770033.5, 270.0, 270.0, 0.0);
(444782.0, 3770045.1, 270.0, 270.0, 0.0); (444818.4, 3770045.1, 270.0, 270.0, 0.0);

```
     ( 444854.8, 3770045.1,     270.0,     270.0,       0.0);         (
444891.1, 3770045.1,     270.0,     270.0,       0.0);
     ( 444927.5, 3770045.1,     270.0,     270.0,       0.0);         (
444963.9, 3770045.1,     270.0,     270.0,       0.0);
     ( 445000.3, 3770045.1,     270.0,     270.0,       0.0);         (
445036.7, 3770045.1,     270.0,     270.0,       0.0);
     ( 445073.1, 3770045.1,     270.0,     270.0,       0.0);         (
445109.5, 3770045.1,     270.0,     270.0,       0.0);
     ( 445145.9, 3770045.1,     270.0,     270.0,       0.0);         (
445182.3, 3770045.1,     270.0,     270.0,       0.0);
     ( 445218.7, 3770045.1,     270.0,     270.0,       0.0);         (
445255.0, 3770045.1,     270.0,     270.0,       0.0);
     ( 444818.4, 3770056.7,     270.0,     270.0,       0.0);         (
444854.8, 3770056.7,     270.0,     270.0,       0.0);
     ( 444891.1, 3770056.7,     270.0,     270.0,       0.0);         (
444927.5, 3770056.7,     270.0,     270.0,       0.0);
     ( 444963.9, 3770056.7,     270.0,     270.0,       0.0);         (
445000.3, 3770056.7,     270.0,     270.0,       0.0);
     ( 445036.7, 3770056.7,     270.0,     270.0,       0.0);         (
445073.1, 3770056.7,     270.0,     270.0,       0.0);
     ( 445109.5, 3770056.7,     270.0,     270.0,       0.0);         (
445145.9, 3770056.7,     270.0,     270.0,       0.0);
     ( 445182.3, 3770056.7,     270.0,     270.0,       0.0);         (
445218.7, 3770056.7,     270.0,     270.0,       0.0);
     ( 445255.0, 3770056.7,     270.0,     270.0,       0.0);         (
444818.4, 3770068.2,     270.0,     270.0,       0.0);
     ( 444854.8, 3770068.2,     270.0,     270.0,       0.0);         (
444891.1, 3770068.2,     270.0,     270.0,       0.0);
     ( 444927.5, 3770068.2,     270.0,     270.0,       0.0);         (
444963.9, 3770068.2,     270.0,     270.0,       0.0);
     ( 445000.3, 3770068.2,     270.0,     270.0,       0.0);         (
445036.7, 3770068.2,     270.0,     270.0,       0.0);
     ( 445073.1, 3770068.2,     270.0,     270.0,       0.0);         (
445109.5, 3770068.2,     270.0,     270.0,       0.0);
     ( 445145.9, 3770068.2,     270.0,     270.0,       0.0);         (
445182.3, 3770068.2,     270.0,     270.0,       0.0);
     ( 445218.7, 3770068.2,     270.0,     270.0,       0.0);         (
445255.0, 3770068.2,     270.0,     270.0,       0.0);
     ( 444818.4, 3770079.8,     270.0,     270.0,       0.0);         (
444854.8, 3770079.8,     270.0,     270.0,       0.0);
     ( 444891.1, 3770079.8,     270.0,     270.0,       0.0);         (
444927.5, 3770079.8,     270.0,     270.0,       0.0);
     ( 444963.9, 3770079.8,     270.0,     270.0,       0.0);         (
445000.3, 3770079.8,     270.0,     270.0,       0.0);
     ( 445036.7, 3770079.8,     270.0,     270.0,       0.0);         (
445073.1, 3770079.8,     270.0,     270.0,       0.0);
     ( 445109.5, 3770079.8,     270.0,     270.0,       0.0);         (
445145.9, 3770079.8,     270.0,     270.0,       0.0);
     ( 445182.3, 3770079.8,     270.0,     270.0,       0.0);         (
445218.7, 3770079.8,     270.0,     270.0,       0.0);
```

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

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

(445255.0, 3770079.8, 270.0, 270.0, 0.0); (444818.4, 3770091.4, 270.0, 270.0, 0.0);
(444854.8, 3770091.4, 270.0, 270.0, 0.0); (444891.1, 3770091.4, 270.0, 270.0, 0.0);
(444927.5, 3770091.4, 270.0, 270.0, 0.0); (444963.9, 3770091.4, 270.0, 270.0, 0.0);
(445000.3, 3770091.4, 270.0, 270.0, 0.0); (445036.7, 3770091.4, 270.0, 270.0, 0.0);
(445073.1, 3770091.4, 270.0, 270.0, 0.0); (445109.5, 3770091.4, 270.0, 270.0, 0.0);
(445145.9, 3770091.4, 270.0, 270.0, 0.0); (445182.3, 3770091.4, 270.0, 270.0, 0.0);
(445218.7, 3770091.4, 270.0, 270.0, 0.0); (445255.0, 3770091.4, 270.0, 270.0, 0.0);
(444818.4, 3770102.9, 270.0, 270.0, 0.0); (444854.8, 3770102.9, 270.0, 270.0, 0.0);
(444891.1, 3770102.9, 270.0, 270.0, 0.0); (444927.5, 3770102.9, 270.0, 270.0, 0.0);
(444963.9, 3770102.9, 270.0, 270.0, 0.0); (445000.3, 3770102.9, 270.0, 270.0, 0.0);
(445036.7, 3770102.9, 270.0, 270.0, 0.0); (445073.1, 3770102.9, 270.0, 270.0, 0.0);
(445109.5, 3770102.9, 270.0, 270.0, 0.0); (445145.9, 3770102.9, 270.0, 270.0, 0.0);
(445182.3, 3770102.9, 270.0, 270.0, 0.0); (445218.7, 3770102.9, 270.0, 270.0, 0.0);
(445255.0, 3770102.9, 270.0, 270.0, 0.0); (444818.4, 3770114.5, 270.0, 270.0, 0.0);
(444854.8, 3770114.5, 270.0, 270.0, 0.0); (444891.1, 3770114.5, 270.0, 270.0, 0.0);
(444927.5, 3770114.5, 270.0, 270.0, 0.0); (444963.9, 3770114.5, 270.0, 270.0, 0.0);
(445000.3, 3770112.1, 270.0, 270.0, 0.0); (445036.7, 3770112.1, 270.0, 270.0, 0.0);
(445073.1, 3770111.8, 270.0, 270.0, 0.0); (445109.5, 3770111.3, 270.0, 270.0, 0.0);
(445145.9, 3770110.8, 270.0, 270.0, 0.0); (445182.7, 3770110.3, 270.0, 270.0, 0.0);
(445217.7, 3770109.9, 270.0, 270.0, 0.0); (445271.2, 3770103.0, 270.0, 270.0, 0.0);

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

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

Surface file: poma6.SFC
Met Version: 12345
Profile file: poma6.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3190 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2005 Year: 2005

First 24 hours of scalar data

YR	MO	DY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALB	REF WS	WD	HT	REF TA	HT	IPCOD	PRATE	RH	SFCP	CCVR
05	01	01	01	-0.6	0.027	-9.000	-9.000	-999.	10.	3.1	0.47	1.00	1.00	0.40	61.	9.	277.4	6.***	-9.00	999.	981.	4	
05	01	01	02	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	41.	9.	278.5	6.***	-9.00	999.	981.	4	
05	01	01	03	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	41.	9.	278.5	6.***	-9.00	999.	981.	4	
05	01	01	04	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	29.	9.	278.4	6.***	-9.00	999.	981.	4	
05	01	01	05	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	28.	9.	278.2	6.***	-9.00	999.	981.	4	
05	01	01	06	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	30.	9.	278.9	6.***	-9.00	999.	981.	4	
05	01	01	07	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	25.	9.	278.9	6.***	-9.00	999.	981.	4	
05	01	01	08	-0.5	0.027	-9.000	-9.000	-999.	10.	3.4	0.47	1.00	0.54	0.40	35.	9.	279.6	6.***	-9.00	999.	981.	0	
05	01	01	09	28.5	0.099	0.384	0.005	70.	72.	-3.0	0.47	1.00	0.31	0.40	173.	9.	281.2	6.***	-9.00	999.	981.	0	
05	01	01	10	80.8	0.238	1.217	0.005	782.	267.	-14.5	0.47	1.00	0.24	1.30	173.	9.	283.4	6.***	-9.00	999.	981.	0	
05	01	01	11	119.2	0.249	1.518	0.007	1028.	285.	-11.3	0.47	1.00	0.21	1.30	196.	9.	285.2	6.***	-9.00	999.	981.	0	
05	01	01	12	120.4	0.249	1.615	0.009	1225.	286.	-11.2	0.47	1.00	0.20	1.30	212.	9.	286.1	6.***	-9.00	999.	981.	5	
05	01	01	13	120.9	0.249	1.629	0.009	1252.	286.	-11.2	0.47	1.00	0.20	1.30	237.	9.	286.1	6.***	-9.00	999.	981.	5	

```
 05 01 01 14   65.0  0.293  1.329  0.009 1266.  364.    -33.8 0.47 1.00
0.22    1.80  266.   9.  285.9   6.***  -9.00  999.  981.  8
 05 01 01 15   28.3  0.274  1.009  0.009 1272.  330.    -63.7 0.47 1.00
0.25    1.80  262.   9.  285.6   6.***  -9.00  999.  981.  9
 05 01 01 16    2.8  0.248  0.466  0.009 1273.  285.   -483.7 0.47 1.00
0.34    1.80  266.   9.  285.0   6.***  -9.00  999.  981. 10
 05 01 01 17   -4.7  0.088 -9.000 -9.000 -999.   84.     12.7 0.47 1.00
0.61    1.30  280.   9.  284.4   6.***  -9.00  999.  981.  8
 05 01 01 18   -2.8  0.061 -9.000 -9.000 -999.   35.      7.0 0.47 1.00
1.00    0.90  261.   9.  283.9   6.***  -9.00  999.  981.  4
 05 01 01 19   -0.6  0.027 -9.000 -9.000 -999.   10.      3.1 0.47 1.00
1.00    0.40  293.   9.  283.1   6.***  -9.00  999.  981.  4
 05 01 01 20   -0.2  0.019 -9.000 -9.000 -999.    6.      2.6 0.47 1.00
1.00    0.28  313.   9.  282.4   6.***  -9.00  999.  981.  8
 05 01 01 21   -0.2  0.019 -9.000 -9.000 -999.    6.      2.6 0.47 1.00
1.00    0.28  325.   9.  281.5   6.***  -9.00  999.  981.  8
 05 01 01 22   -0.2  0.019 -9.000 -9.000 -999.    6.      3.0 0.47 1.00
1.00    0.28  323.   9.  280.0   6.***  -9.00  999.  981. 10
 05 01 01 23   -0.2  0.019 -9.000 -9.000 -999.    6.      3.0 0.47 1.00
1.00    0.28  351.   9.  279.4   6.***  -9.00  999.  981. 10
 05 01 01 24   -0.4  0.027 -9.000 -9.000 -999.   10.      4.2 0.47 1.00
1.00    0.40   50.   9.  279.0   6.***  -9.00  999.  981. 10
```

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
05	01	01	01	5.5	0	-999.	-99.00	277.4	99.0	-99.00	-99.00
05	01	01	01	9.1	1	61.	0.40	-999.0	99.0	-99.00	-99.00

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

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0030531 , L0030532 , L0030533 , L0030534 , L0030535 , L0030536 , L0030537 , L0030538 , L0030539 , L0030540 , L0030541 , L0030542 , L0030543 , L0030544 , L0030545 , L0030546 , L0030547 , L0030548 , L0030549 , L0030550 , L0030551 , L0030552 , L0030553 , L0030554 , L0030555 , L0030556 , L0030557 , L0030558 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
444781.98	3769929.39	1.43287	(08120824)	444818.37	3769929.39	1.40555	(08120824)
444854.76	3769929.39	1.37888	(08120824)	444891.15	3769929.39	1.35216	(08120824)
444927.54	3769929.39	1.32491	(08120824)	444963.93	3769929.39	1.29738	(08120824)
445000.32	3769929.39	1.27064	(07021224)	445036.71	3769929.39	1.25599	(07021224)
445073.10	3769929.39	1.24139	(07021224)	445109.49	3769929.39	1.22726	(07021224)
445145.88	3769929.39	1.21361	(07021224)	445182.27	3769929.39	1.20065	(07021224)
444781.98	3769940.96	1.38281	(08120824)	444818.37	3769940.96	1.35642	(08120824)
444854.76	3769940.96	1.33059	(08120824)	444891.15	3769940.96	1.30464	(08120824)
444927.54	3769940.96	1.27830	(08120824)	444963.93	3769940.96	1.25186	(08120824)
445000.32	3769940.96	1.23118	(07021224)	445036.71	3769940.96	1.21706	(07021224)
445073.10	3769940.96	1.20318	(07021224)	445109.49	3769940.96	1.18973	(07021224)
445145.88	3769940.96	1.17676	(07021224)	445182.27	3769940.96	1.16452	(07021224)

```
        444781.98   3769952.53        1.33609  (08120824)
444818.37   3769952.53        1.31059  (08120824)
        444854.76   3769952.53        1.28551  (08120824)
444891.15   3769952.53        1.26037  (08120824)
        444927.54   3769952.53        1.23498  (08120824)
444963.93   3769952.53        1.20970  (08120824)
        445000.32   3769952.53        1.19429  (07021224)
445036.71   3769952.53        1.18079  (07021224)
        445073.10   3769952.53        1.16757  (07021224)
445109.49   3769952.53        1.15479  (07021224)
        445145.88   3769952.53        1.14252  (07021224)
445182.27   3769952.53        1.13086  (07021224)
        444781.98   3769964.10        1.29232  (08120824)
444818.37   3769964.10        1.26760  (08120824)
        444854.76   3769964.10        1.24320  (08120824)
444891.15   3769964.10        1.21881  (08120824)
        444927.54   3769964.10        1.19440  (08120824)
444963.93   3769964.10        1.17322  (07021224)
        445000.32   3769964.10        1.15968  (07021224)
445036.71   3769964.10        1.14666  (07021224)
        445073.10   3769964.10        1.13407  (07021224)
445109.49   3769964.10        1.12196  (07021224)
        445145.88   3769964.10        1.11036  (07021224)
445182.27   3769964.10        1.09929  (07021224)
        445218.66   3769964.10        1.08887  (07021224)
444781.98   3769975.67        1.25131  (08120824)
        444818.37   3769975.67        1.22727  (08120824)
444854.76   3769975.67        1.20352  (08120824)
        444891.15   3769975.67        1.17988  (08120824)
444927.54   3769975.67        1.15648  (08120824)
        444963.93   3769975.67        1.14016  (07021224)
445000.32   3769975.67        1.12705  (07021224)
        445036.71   3769975.67        1.11453  (07021224)
445073.10   3769975.67        1.10257  (07021224)
        445109.49   3769975.67        1.09106  (07021224)
445145.88   3769975.67        1.08005  (07021224)
        445182.27   3769975.67        1.06954  (07021224)
445218.66   3769975.67        1.05965  (07021224)
        444781.98   3769987.24        1.21270  (08120824)
444818.37   3769987.24        1.18934  (08120824)
        444854.76   3769987.24        1.16628  (08120824)
444891.15   3769987.24        1.14347  (08120824)
        444927.54   3769987.24        1.12221  (07021224)
444963.93   3769987.24        1.10914  (07021224)
        445000.32   3769987.24        1.09652  (07021224)
445036.71   3769987.24        1.08450  (07021224)
        445073.10   3769987.24        1.07305  (07021224)
445109.49   3769987.24        1.06209  (07021224)
        445145.88   3769987.24        1.05161  (07021224)
445182.27   3769987.24        1.04158  (07021224)
        445218.66   3769987.24        1.03204  (07021224)
444781.98   3769998.81        1.17629  (08120824)
        444818.37   3769998.81        1.15358  (08120824)
444854.76   3769998.81        1.13119  (08120824)
```

444891.15 3769998.81 1.10919 (08120824)
444927.54 3769998.81 1.09257 (07021224)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0030531 , L0030532 , L0030533 , L0030534 , L0030535 , L0030536 , L0030537 , L0030538 , L0030539 , L0030540 , L0030541 , L0030542 , L0030543 , L0030544 , L0030545 , L0030546 , L0030547 , L0030548 , L0030549 , L0030550 , L0030551 , L0030552 , L0030553 , L0030554 , L0030555 , L0030556 , L0030557 , L0030558 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
444963.93	3769998.81	1.07990	(07021224)	445000.32	3769998.81	1.06768	(07021224)
445036.71	3769998.81	1.05611	(07021224)	445073.10	3769998.81	1.04516	(07021224)
445109.49	3769998.81	1.03472	(07021224)	445145.88	3769998.81	1.02474	(07021224)
445182.27	3769998.81	1.01514	(07021224)	445218.66	3769998.81	1.00602	(07021224)
444781.98	3770010.38	1.14197	(08120824)	444818.37	3770010.38	1.11988	(08120824)
444854.76	3770010.38	1.09819	(08120824)	444891.15	3770010.38	1.07716	(07021224)
444927.54	3770010.38	1.06446	(07021224)	444963.93	3770010.38	1.05218	(07021224)
445000.32	3770010.38	1.04036	(07021224)	445036.71	3770010.38	1.02925	(07021224)
445073.10	3770010.38	1.01880	(07021224)	445109.49	3770010.38	1.00878	(07021224)
445145.88	3770010.38	0.99925	(07021224)	445182.27	3770010.38	0.99011	(07021224)
445218.66	3770010.38	0.98129	(07021224)	444781.98	3770021.95	1.10946	(08120824)
444818.37	3770021.95	1.08804	(08120824)	444854.76	3770021.95	1.06710	(08120824)

444891.15 3770021.95 1.05021 (07021224)
444927.54 3770021.95 1.03790 (07021224)
444963.93 3770021.95 1.02606 (07021224)
445000.32 3770021.95 1.01468 (07021224)
445036.71 3770021.95 1.00396 (07021224)
445073.10 3770021.95 0.99383 (07021224)
445109.49 3770021.95 0.98426 (07021224)
445145.88 3770021.95 0.97509 (07021224)
445182.27 3770021.95 0.96631 (07021224)
445218.66 3770021.95 0.95771 (07021224)
444781.98 3770033.52 1.07873 (08120824)
444818.37 3770033.52 1.05796 (08120824)
444854.76 3770033.52 1.03775 (08120824)
444891.15 3770033.52 1.02470 (07021224)
444927.54 3770033.52 1.01274 (07021224)
444963.93 3770033.52 1.00127 (07021224)
445000.32 3770033.52 0.99027 (07021224)
445036.71 3770033.52 0.97989 (07021224)
445073.10 3770033.52 0.97013 (07021224)
445109.49 3770033.52 0.96092 (07021224)
445145.88 3770033.52 0.95216 (07021224)
445182.27 3770033.52 0.94377 (07021224)
445218.66 3770033.52 0.93528 (07021224)
445249.38 3770033.52 0.92509 (07021224)
444781.98 3770045.09 1.04964 (08120824)
444818.37 3770045.09 1.02952 (08120824)
444854.76 3770045.09 1.01269 (07021224)
444891.15 3770045.09 1.00040 (07021224)
444927.54 3770045.09 0.98882 (07021224)
444963.93 3770045.09 0.97766 (07021224)
445000.32 3770045.09 0.96700 (07021224)
445036.71 3770045.09 0.95696 (07021224)
445073.10 3770045.09 0.94757 (07021224)
445109.49 3770045.09 0.93872 (07021224)
445145.88 3770045.09 0.93033 (07021224)
445182.27 3770045.09 0.92228 (07021224)
445218.66 3770045.09 0.91377 (07021224)
445255.05 3770045.09 0.90052 (07021224)
444818.37 3770056.66 1.00256 (08120824)
444854.76 3770056.66 0.98930 (07021224)
444891.15 3770056.66 0.97732 (07021224)
444927.54 3770056.66 0.96603 (07021224)
444963.93 3770056.66 0.95524 (07021224)
445000.32 3770056.66 0.94494 (07021224)
445036.71 3770056.66 0.93522 (07021224)
445073.10 3770056.66 0.92614 (07021224)
445109.49 3770056.66 0.91759 (07021224)
445145.88 3770056.66 0.90953 (07021224)
445182.27 3770056.66 0.90180 (07021224)
445218.66 3770056.66 0.89315 (07021224)
445255.05 3770056.66 0.87937 (07021224)
444818.37 3770068.23 0.97943 (07021224)
444854.76 3770068.23 0.96702 (07021224)
444891.15 3770068.23 0.95531 (07021224)

444927.54 3770068.23 0.94433 (07021224)
444963.93 3770068.23 0.93385 (07021224)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0030531 , L0030532 , L0030533 , L0030534 , L0030535 , L0030536 , L0030537 , L0030538 , L0030539 , L0030540 , L0030541 , L0030542 , L0030543 , L0030544 , L0030545 , L0030546 , L0030547 , L0030548 , L0030549 , L0030550 , L0030551 , L0030552 , L0030553 , L0030554 , L0030555 , L0030556 , L0030557 , L0030558 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
445000.32	3770068.23	0.92388	(07021224)	445036.71	3770068.23	0.91448	(07021224)
445073.10	3770068.23	0.90574	(07021224)	445109.49	3770068.23	0.89750	(07021224)
445145.88	3770068.23	0.88973	(07021224)	445182.27	3770068.23	0.88230	(07021224)
445218.66	3770068.23	0.87341	(07021224)	445255.05	3770068.23	0.85912	(07021224)
444818.37	3770079.80	0.95783	(07021224)	444854.76	3770079.80	0.94569	(07021224)
444891.15	3770079.80	0.93428	(07021224)	444927.54	3770079.80	0.92357	(07021224)
444963.93	3770079.80	0.91343	(07021224)	445000.32	3770079.80	0.90380	(07021224)
445036.71	3770079.80	0.89471	(07021224)	445073.10	3770079.80	0.88623	(07021224)
445109.49	3770079.80	0.87830	(07021224)	445145.88	3770079.80	0.87082	(07021224)
445182.27	3770079.80	0.86358	(07021224)	445218.66	3770079.80	0.85436	(07021224)
445255.05	3770079.80	0.83968	(07021224)	444818.37	3770091.37	0.93716	(07021224)
444854.76	3770091.37	0.92532	(07021224)	444891.15	3770091.37	0.91422	(07021224)

444927.54 3770091.37 0.90381 (07021224)
444963.93 3770091.37 0.89398 (07021224)
445000.32 3770091.37 0.88465 (07021224)
445036.71 3770091.37 0.87585 (07021224)
445073.10 3770091.37 0.86763 (07021224)
445109.49 3770091.37 0.85993 (07021224)
445145.88 3770091.37 0.85269 (07021224)
445182.27 3770091.37 0.84558 (07021224)
445218.66 3770091.37 0.83600 (07021224)
445255.05 3770091.37 0.82106 (07021224)
444818.37 3770102.94 0.91738 (07021224)
444854.76 3770102.94 0.90585 (07021224)
444891.15 3770102.94 0.89503 (07021224)
444927.54 3770102.94 0.88490 (07021224)
444963.93 3770102.94 0.87538 (07021224)
445000.32 3770102.94 0.86632 (07021224)
445036.71 3770102.94 0.85780 (07021224)
445073.10 3770102.94 0.84985 (07021224)
445109.49 3770102.94 0.84240 (07021224)
445145.88 3770102.94 0.83537 (07021224)
445182.27 3770102.94 0.82830 (07021224)
445218.66 3770102.94 0.81834 (07021224)
445255.05 3770102.94 0.80320 (07021224)
444818.37 3770114.51 0.89843 (07021224)
444854.76 3770114.51 0.88720 (07021224)
444891.15 3770114.51 0.87665 (07021224)
444927.54 3770114.51 0.86678 (07021224)
444963.93 3770114.51 0.85754 (07021224)
445000.32 3770112.15 0.85231 (07021224)
445036.71 3770112.15 0.84400 (07021224)
445073.10 3770111.76 0.83678 (07021224)
445109.49 3770111.28 0.83018 (07021224)
445145.88 3770110.81 0.82399 (07021224)
445182.73 3770110.35 0.81745 (07021224)
445217.74 3770109.89 0.80836 (07021224)
445271.22 3770102.96 0.79675 (07040624)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

NETWORK GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	1.43287	ON 08120824:	AT (444781.98, 3769929.39, 270.00, 270.00, 0.00)	DC

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

**MODELOPTs: NonDFAULT CONC FLAT FASTALL DRYDPLT WETDPLT

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

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

A Total of 0 Fatal Error Message(s)
A Total of 3 Warning Message(s)
A Total of 845 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 0 Calm Hours Identified

A Total of 845 Missing Hours Identified (1.93 Percent)

Met Data File Includes 0.00 Millimeters (0.000 Inches) of Precipitation

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

******** WARNING MESSAGES ********
ME W396 3157 MEOPEN: Met data from outdated version of AERMET, version: 12345
ME W531 3157 MEOPEN: CAUTION! Met Station ID Missing from SURFFILE for SURFDATA
MX W496 43825 MAIN: Total precipitation in SURFFILE is zero (0.0) with WetDepos

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

AERMOD MODEL OUTPUT SUMMARY FILE (TOG DIESEL)

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**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.7.0
** Lakes Environmental Software Inc.
** Date: 10/21/2014
** File: U:\UcJobs\_08600-09000\_09000\09034\AERMOD\Residences Near FWY
HRA\TOG DSL\TOG DSL.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE U:\UcJobs\_08600-09000\_09000\09034\AERMOD\Residences Near
FWY HRA\r
   MODELOPT CONC FLAT  FASTALL
   AVERTIME 1 8
   URBANOPT 2015355
   POLLUTID TOGDSL
   RUNORNOT RUN
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 = SLINE1
** DESCRSRC Eastbound on the 10
** PREFIX
** Length of Side = 18.80
** Configuration = Adjacent
** Emission Rate = 0.00315
** Vertical Dimension = 5.85
** SZINIT = 2.72
** Nodes = 13
** 445449.445, 3769597.302, 0.00, 0.00, 8.74
** 444841.645, 3769606.033, 0.00, 0.00, 8.74
** 444750.998, 3769608.551, 0.00, 0.00, 8.74
** 444641.465, 3769619.882, 0.00, 0.00, 8.74
** 444533.191, 3769634.990, 0.00, 0.00, 8.74
** 444412.957, 3769654.504, 0.00, 0.00, 8.74
** 444242.993, 3769696.681, 0.00, 0.00, 8.74
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** 444049.737, 3769762.778, 0.00, 0.00, 8.74
** 443921.949, 3769816.915, 0.00, 0.00, 8.74
** 443784.718, 3769886.789, 0.00, 0.00, 8.74
** 443623.567, 3769984.991, 0.00, 0.00, 8.74
** 443434.718, 3770115.297, 0.00, 0.00, 8.74
** 442982.277, 3770432.001, 0.00, 0.00, 8.74
** ------------------------------------------------------------------
   LOCATION L0030531     VOLUME   445440.046 3769597.437 0.0
   LOCATION L0030532     VOLUME   445421.248 3769597.707 0.0
   LOCATION L0030533     VOLUME   445402.450 3769597.977 0.0
   LOCATION L0030534     VOLUME   445383.652 3769598.247 0.0
   LOCATION L0030535     VOLUME   445364.854 3769598.517 0.0
   LOCATION L0030536     VOLUME   445346.056 3769598.787 0.0
   LOCATION L0030537     VOLUME   445327.258 3769599.057 0.0
   LOCATION L0030538     VOLUME   445308.460 3769599.327 0.0
   LOCATION L0030539     VOLUME   445289.662 3769599.597 0.0
   LOCATION L0030540     VOLUME   445270.864 3769599.867 0.0
   LOCATION L0030541     VOLUME   445252.066 3769600.137 0.0
   LOCATION L0030542     VOLUME   445233.268 3769600.407 0.0
   LOCATION L0030543     VOLUME   445214.470 3769600.677 0.0
   LOCATION L0030544     VOLUME   445195.672 3769600.947 0.0
   LOCATION L0030545     VOLUME   445176.873 3769601.217 0.0
   LOCATION L0030546     VOLUME   445158.075 3769601.487 0.0
   LOCATION L0030547     VOLUME   445139.277 3769601.757 0.0
   LOCATION L0030548     VOLUME   445120.479 3769602.028 0.0
   LOCATION L0030549     VOLUME   445101.681 3769602.298 0.0
   LOCATION L0030550     VOLUME   445082.883 3769602.568 0.0
   LOCATION L0030551     VOLUME   445064.085 3769602.838 0.0
   LOCATION L0030552     VOLUME   445045.287 3769603.108 0.0
   LOCATION L0030553     VOLUME   445026.489 3769603.378 0.0
   LOCATION L0030554     VOLUME   445007.691 3769603.648 0.0
   LOCATION L0030555     VOLUME   444988.893 3769603.918 0.0
   LOCATION L0030556     VOLUME   444970.095 3769604.188 0.0
   LOCATION L0030557     VOLUME   444951.297 3769604.458 0.0
   LOCATION L0030558     VOLUME   444932.499 3769604.728 0.0
   LOCATION L0030559     VOLUME   444913.701 3769604.998 0.0
   LOCATION L0030560     VOLUME   444894.903 3769605.268 0.0
   LOCATION L0030561     VOLUME   444876.104 3769605.538 0.0
   LOCATION L0030562     VOLUME   444857.306 3769605.808 0.0
   LOCATION L0030563     VOLUME   444838.509 3769606.120 0.0
   LOCATION L0030564     VOLUME   444819.716 3769606.642 0.0
   LOCATION L0030565     VOLUME   444800.924 3769607.164 0.0
   LOCATION L0030566     VOLUME   444782.131 3769607.686 0.0
   LOCATION L0030567     VOLUME   444763.338 3769608.208 0.0
   LOCATION L0030568     VOLUME   444744.577 3769609.215 0.0
   LOCATION L0030569     VOLUME   444725.877 3769611.150 0.0
   LOCATION L0030570     VOLUME   444707.177 3769613.084 0.0
   LOCATION L0030571     VOLUME   444688.477 3769615.019 0.0
   LOCATION L0030572     VOLUME   444669.776 3769616.953 0.0
   LOCATION L0030573     VOLUME   444651.076 3769618.888 0.0
   LOCATION L0030574     VOLUME   444632.415 3769621.145 0.0
   LOCATION L0030575     VOLUME   444613.796 3769623.743 0.0
   LOCATION L0030576     VOLUME   444595.176 3769626.341 0.0
   LOCATION L0030577     VOLUME   444576.556 3769628.939 0.0
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LOCATION L0030578     VOLUME   444557.937 3769631.537 0.0
LOCATION L0030579     VOLUME   444539.317 3769634.135 0.0
LOCATION L0030580     VOLUME   444520.739 3769637.011 0.0
LOCATION L0030581     VOLUME   444502.182 3769640.023 0.0
LOCATION L0030582     VOLUME   444483.625 3769643.035 0.0
LOCATION L0030583     VOLUME   444465.068 3769646.047 0.0
LOCATION L0030584     VOLUME   444446.511 3769649.058 0.0
LOCATION L0030585     VOLUME   444427.954 3769652.070 0.0
LOCATION L0030586     VOLUME   444409.456 3769655.373 0.0
LOCATION L0030587     VOLUME   444391.209 3769659.901 0.0
LOCATION L0030588     VOLUME   444372.963 3769664.429 0.0
LOCATION L0030589     VOLUME   444354.716 3769668.957 0.0
LOCATION L0030590     VOLUME   444336.470 3769673.485 0.0
LOCATION L0030591     VOLUME   444318.223 3769678.012 0.0
LOCATION L0030592     VOLUME   444299.976 3769682.540 0.0
LOCATION L0030593     VOLUME   444281.730 3769687.068 0.0
LOCATION L0030594     VOLUME   444263.483 3769691.596 0.0
LOCATION L0030595     VOLUME   444245.237 3769696.124 0.0
LOCATION L0030596     VOLUME   444227.392 3769702.017 0.0
LOCATION L0030597     VOLUME   444209.604 3769708.100 0.0
LOCATION L0030598     VOLUME   444191.815 3769714.184 0.0
LOCATION L0030599     VOLUME   444174.027 3769720.268 0.0
LOCATION L0030600     VOLUME   444156.239 3769726.352 0.0
LOCATION L0030601     VOLUME   444138.450 3769732.436 0.0
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LOCATION L0030607     VOLUME   444032.204 3769770.206 0.0
LOCATION L0030608     VOLUME   444014.893 3769777.539 0.0
LOCATION L0030609     VOLUME   443997.583 3769784.873 0.0
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** End of LINE VOLUME Source ID = SLINE1
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Westbound on the 10
** PREFIX
** Length of Side = 18.80
** Configuration = Adjacent
** Emission Rate = 0.00312
** Vertical Dimension = 5.85
** SZINIT = 2.72
** Nodes = 15
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** End of LINE VOLUME Source ID = SLINE2
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Eastbound On Ramp
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** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.00029
** Vertical Dimension = 5.12
** SZINIT = 2.38
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   LOCATION L0030819     VOLUME   443730.632 3769878.112 0.0
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   LOCATION L0030883     VOLUME   444271.037 3769683.034 0.0
   LOCATION L0030884     VOLUME   444279.701 3769680.596 0.0
   LOCATION L0030885     VOLUME   444288.364 3769678.158 0.0
   LOCATION L0030886     VOLUME   444297.028 3769675.719 0.0
   LOCATION L0030887     VOLUME   444305.691 3769673.281 0.0
   LOCATION L0030888     VOLUME   444314.355 3769670.843 0.0
   LOCATION L0030889     VOLUME   444323.018 3769668.405 0.0
   LOCATION L0030890     VOLUME   444331.681 3769665.967 0.0
   LOCATION L0030891     VOLUME   444340.345 3769663.529 0.0
   LOCATION L0030892     VOLUME   444349.008 3769661.091 0.0
   LOCATION L0030893     VOLUME   444357.672 3769658.653 0.0
** End of LINE VOLUME Source ID = SLINE3
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Eastbound Off Ramp
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.00073
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 7
** 443434.721, 3770105.734, 0.00, 0.00, 4.19
** 443513.378, 3770039.550, 0.00, 0.00, 4.19
** 443562.664, 3769990.465, 0.00, 0.00, 4.19
** 443603.299, 3769952.042, 0.00, 0.00, 4.19
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** 443629.554, 3769929.400, 0.00, 0.00, 4.19
** 443668.092, 3769910.812, 0.00, 0.00, 4.19
** 443675.346, 3769907.638, 0.00, 0.00, 4.19
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   LOCATION L0031037     VOLUME   443438.165 3770102.837 0.0
   LOCATION L0031038     VOLUME   443445.051 3770097.042 0.0
   LOCATION L0031039     VOLUME   443451.938 3770091.248 0.0
   LOCATION L0031040     VOLUME   443458.824 3770085.453 0.0
   LOCATION L0031041     VOLUME   443465.711 3770079.659 0.0
   LOCATION L0031042     VOLUME   443472.597 3770073.864 0.0
   LOCATION L0031043     VOLUME   443479.484 3770068.070 0.0
   LOCATION L0031044     VOLUME   443486.370 3770062.275 0.0
   LOCATION L0031045     VOLUME   443493.257 3770056.481 0.0
   LOCATION L0031046     VOLUME   443500.143 3770050.686 0.0
   LOCATION L0031047     VOLUME   443507.030 3770044.892 0.0
   LOCATION L0031048     VOLUME   443513.876 3770039.054 0.0
   LOCATION L0031049     VOLUME   443520.253 3770032.703 0.0
   LOCATION L0031050     VOLUME   443526.630 3770026.352 0.0
   LOCATION L0031051     VOLUME   443533.007 3770020.001 0.0
   LOCATION L0031052     VOLUME   443539.384 3770013.650 0.0
   LOCATION L0031053     VOLUME   443545.761 3770007.299 0.0
   LOCATION L0031054     VOLUME   443552.138 3770000.948 0.0
   LOCATION L0031055     VOLUME   443558.515 3769994.597 0.0
   LOCATION L0031056     VOLUME   443564.949 3769988.305 0.0
   LOCATION L0031057     VOLUME   443571.488 3769982.121 0.0
   LOCATION L0031058     VOLUME   443578.028 3769975.938 0.0
   LOCATION L0031059     VOLUME   443584.567 3769969.754 0.0
   LOCATION L0031060     VOLUME   443591.107 3769963.571 0.0
   LOCATION L0031061     VOLUME   443597.646 3769957.388 0.0
   LOCATION L0031062     VOLUME   443604.223 3769951.246 0.0
   LOCATION L0031063     VOLUME   443611.039 3769945.368 0.0
   LOCATION L0031064     VOLUME   443617.854 3769939.490 0.0
   LOCATION L0031065     VOLUME   443624.670 3769933.612 0.0
   LOCATION L0031066     VOLUME   443631.851 3769928.292 0.0
   LOCATION L0031067     VOLUME   443639.958 3769924.382 0.0
   LOCATION L0031068     VOLUME   443648.064 3769920.472 0.0
   LOCATION L0031069     VOLUME   443656.170 3769916.562 0.0
   LOCATION L0031070     VOLUME   443664.276 3769912.652 0.0
   LOCATION L0031071     VOLUME   443672.456 3769908.902 0.0
** End of LINE VOLUME Source ID = SLINE4
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC Westbound On Ramp from NB
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.00016
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 10
** 443736.883, 3770048.559, 0.00, 0.00, 4.19
** 443813.192, 3770026.592, 0.00, 0.00, 4.19
** 443844.024, 3770001.541, 0.00, 0.00, 4.19
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** 443859.825, 3769971.865, 0.00, 0.00, 4.19
** 443854.815, 3769946.814, 0.00, 0.00, 4.19
** 443836.701, 3769928.700, 0.00, 0.00, 4.19
** 443818.587, 3769925.617, 0.00, 0.00, 4.19
** 443789.682, 3769934.481, 0.00, 0.00, 4.19
** 443698.342, 3769978.417, 0.00, 0.00, 4.19
** 443603.149, 3770038.154, 0.00, 0.00, 4.19
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   LOCATION L0031072     VOLUME   443741.207 3770047.315 0.0
   LOCATION L0031073     VOLUME   443749.856 3770044.825 0.0
   LOCATION L0031074     VOLUME   443758.504 3770042.335 0.0
   LOCATION L0031075     VOLUME   443767.153 3770039.845 0.0
   LOCATION L0031076     VOLUME   443775.802 3770037.355 0.0
   LOCATION L0031077     VOLUME   443784.451 3770034.866 0.0
   LOCATION L0031078     VOLUME   443793.099 3770032.376 0.0
   LOCATION L0031079     VOLUME   443801.748 3770029.886 0.0
   LOCATION L0031080     VOLUME   443810.397 3770027.396 0.0
   LOCATION L0031081     VOLUME   443817.920 3770022.750 0.0
   LOCATION L0031082     VOLUME   443824.905 3770017.075 0.0
   LOCATION L0031083     VOLUME   443831.890 3770011.400 0.0
   LOCATION L0031084     VOLUME   443838.875 3770005.724 0.0
   LOCATION L0031085     VOLUME   443845.136 3769999.453 0.0
   LOCATION L0031086     VOLUME   443849.366 3769991.509 0.0
   LOCATION L0031087     VOLUME   443853.596 3769983.565 0.0
   LOCATION L0031088     VOLUME   443857.825 3769975.621 0.0
   LOCATION L0031089     VOLUME   443858.895 3769967.212 0.0
   LOCATION L0031090     VOLUME   443857.130 3769958.387 0.0
   LOCATION L0031091     VOLUME   443855.365 3769949.562 0.0
   LOCATION L0031092     VOLUME   443850.433 3769942.431 0.0
   LOCATION L0031093     VOLUME   443844.069 3769936.067 0.0
   LOCATION L0031094     VOLUME   443837.705 3769929.703 0.0
   LOCATION L0031095     VOLUME   443829.228 3769927.428 0.0
   LOCATION L0031096     VOLUME   443820.356 3769925.918 0.0
   LOCATION L0031097     VOLUME   443811.698 3769927.730 0.0
   LOCATION L0031098     VOLUME   443803.093 3769930.368 0.0
   LOCATION L0031099     VOLUME   443794.489 3769933.007 0.0
   LOCATION L0031100     VOLUME   443786.102 3769936.203 0.0
   LOCATION L0031101     VOLUME   443777.992 3769940.104 0.0
   LOCATION L0031102     VOLUME   443769.881 3769944.005 0.0
   LOCATION L0031103     VOLUME   443761.771 3769947.907 0.0
   LOCATION L0031104     VOLUME   443753.660 3769951.808 0.0
   LOCATION L0031105     VOLUME   443745.550 3769955.709 0.0
   LOCATION L0031106     VOLUME   443737.439 3769959.610 0.0
   LOCATION L0031107     VOLUME   443729.329 3769963.512 0.0
   LOCATION L0031108     VOLUME   443721.218 3769967.413 0.0
   LOCATION L0031109     VOLUME   443713.108 3769971.314 0.0
   LOCATION L0031110     VOLUME   443704.997 3769975.215 0.0
   LOCATION L0031111     VOLUME   443696.974 3769979.275 0.0
   LOCATION L0031112     VOLUME   443689.351 3769984.059 0.0
   LOCATION L0031113     VOLUME   443681.728 3769988.843 0.0
   LOCATION L0031114     VOLUME   443674.104 3769993.627 0.0
   LOCATION L0031115     VOLUME   443666.481 3769998.411 0.0
   LOCATION L0031116     VOLUME   443658.858 3770003.194 0.0
   LOCATION L0031117     VOLUME   443651.234 3770007.978 0.0
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   LOCATION L0031118     VOLUME   443643.611 3770012.762 0.0
   LOCATION L0031119     VOLUME   443635.988 3770017.546 0.0
   LOCATION L0031120     VOLUME   443628.364 3770022.330 0.0
   LOCATION L0031121     VOLUME   443620.741 3770027.114 0.0
   LOCATION L0031122     VOLUME   443613.118 3770031.898 0.0
   LOCATION L0031123     VOLUME   443605.495 3770036.681 0.0
** End of LINE VOLUME Source ID = SLINE5
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE6
** DESCRSRC Westbound On Ramp from SB
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.00009
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 10
** 443692.515, 3770116.063, 0.00, 0.00, 4.19
** 443684.392, 3770090.217, 0.00, 0.00, 4.19
** 443677.746, 3770072.494, 0.00, 0.00, 4.19
** 443661.382, 3770055.772, 0.00, 0.00, 4.19
** 443645.962, 3770049.423, 0.00, 0.00, 4.19
** 443625.554, 3770044.434, 0.00, 0.00, 4.19
** 443606.961, 3770047.609, 0.00, 0.00, 4.19
** 443594.262, 3770053.958, 0.00, 0.00, 4.19
** 443576.575, 3770062.121, 0.00, 0.00, 4.19
** 443493.583, 3770111.553, 0.00, 0.00, 4.19
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   LOCATION L0031124     VOLUME   443691.166 3770111.770 0.0
   LOCATION L0031125     VOLUME   443688.468 3770103.184 0.0
   LOCATION L0031126     VOLUME   443685.769 3770094.598 0.0
   LOCATION L0031127     VOLUME   443682.845 3770086.090 0.0
   LOCATION L0031128     VOLUME   443679.685 3770077.663 0.0
   LOCATION L0031129     VOLUME   443675.313 3770070.007 0.0
   LOCATION L0031130     VOLUME   443669.018 3770063.575 0.0
   LOCATION L0031131     VOLUME   443662.723 3770057.142 0.0
   LOCATION L0031132     VOLUME   443654.833 3770053.075 0.0
   LOCATION L0031133     VOLUME   443646.511 3770049.648 0.0
   LOCATION L0031134     VOLUME   443637.796 3770047.426 0.0
   LOCATION L0031135     VOLUME   443629.053 3770045.289 0.0
   LOCATION L0031136     VOLUME   443620.233 3770045.342 0.0
   LOCATION L0031137     VOLUME   443611.362 3770046.857 0.0
   LOCATION L0031138     VOLUME   443602.904 3770049.637 0.0
   LOCATION L0031139     VOLUME   443594.854 3770053.662 0.0
   LOCATION L0031140     VOLUME   443586.692 3770057.452 0.0
   LOCATION L0031141     VOLUME   443578.520 3770061.223 0.0
   LOCATION L0031142     VOLUME   443570.683 3770065.630 0.0
   LOCATION L0031143     VOLUME   443562.951 3770070.236 0.0
   LOCATION L0031144     VOLUME   443555.219 3770074.842 0.0
   LOCATION L0031145     VOLUME   443547.486 3770079.447 0.0
   LOCATION L0031146     VOLUME   443539.754 3770084.053 0.0
   LOCATION L0031147     VOLUME   443532.022 3770088.658 0.0
   LOCATION L0031148     VOLUME   443524.289 3770093.264 0.0
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   LOCATION L0031149     VOLUME   443516.557 3770097.870 0.0
   LOCATION L0031150     VOLUME   443508.825 3770102.475 0.0
   LOCATION L0031151     VOLUME   443501.092 3770107.081 0.0
** End of LINE VOLUME Source ID = SLINE6
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC Westbound Off Ramp
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.00152
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 11
** 444162.465, 3769772.698, 0.00, 0.00, 4.19
** 443973.033, 3769851.672, 0.00, 0.00, 4.19
** 443913.269, 3769887.958, 0.00, 0.00, 4.19
** 443897.794, 3769913.037, 0.00, 0.00, 4.19
** 443881.785, 3769956.793, 0.00, 0.00, 4.19
** 443864.710, 3770002.684, 0.00, 0.00, 4.19
** 443850.836, 3770027.764, 0.00, 0.00, 4.19
** 443833.227, 3770044.306, 0.00, 0.00, 4.19
** 443802.277, 3770055.511, 0.00, 0.00, 4.19
** 443767.059, 3770064.049, 0.00, 0.00, 4.19
** 443730.774, 3770068.318, 0.00, 0.00, 4.19
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   LOCATION L0031152     VOLUME   444158.311 3769774.429 0.0
   LOCATION L0031153     VOLUME   444150.004 3769777.892 0.0
   LOCATION L0031154     VOLUME   444141.697 3769781.356 0.0
   LOCATION L0031155     VOLUME   444133.390 3769784.819 0.0
   LOCATION L0031156     VOLUME   444125.083 3769788.282 0.0
   LOCATION L0031157     VOLUME   444116.776 3769791.745 0.0
   LOCATION L0031158     VOLUME   444108.469 3769795.208 0.0
   LOCATION L0031159     VOLUME   444100.162 3769798.672 0.0
   LOCATION L0031160     VOLUME   444091.855 3769802.135 0.0
   LOCATION L0031161     VOLUME   444083.548 3769805.598 0.0
   LOCATION L0031162     VOLUME   444075.241 3769809.061 0.0
   LOCATION L0031163     VOLUME   444066.934 3769812.524 0.0
   LOCATION L0031164     VOLUME   444058.627 3769815.988 0.0
   LOCATION L0031165     VOLUME   444050.320 3769819.451 0.0
   LOCATION L0031166     VOLUME   444042.013 3769822.914 0.0
   LOCATION L0031167     VOLUME   444033.706 3769826.377 0.0
   LOCATION L0031168     VOLUME   444025.399 3769829.840 0.0
   LOCATION L0031169     VOLUME   444017.092 3769833.304 0.0
   LOCATION L0031170     VOLUME   444008.785 3769836.767 0.0
   LOCATION L0031171     VOLUME   444000.478 3769840.230 0.0
   LOCATION L0031172     VOLUME   443992.171 3769843.693 0.0
   LOCATION L0031173     VOLUME   443983.864 3769847.156 0.0
   LOCATION L0031174     VOLUME   443975.557 3769850.620 0.0
   LOCATION L0031175     VOLUME   443967.678 3769854.923 0.0
   LOCATION L0031176     VOLUME   443959.985 3769859.594 0.0
   LOCATION L0031177     VOLUME   443952.292 3769864.265 0.0
   LOCATION L0031178     VOLUME   443944.598 3769868.936 0.0
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   LOCATION L0031179     VOLUME   443936.905 3769873.607 0.0
   LOCATION L0031180     VOLUME   443929.212 3769878.277 0.0
   LOCATION L0031181     VOLUME   443921.519 3769882.948 0.0
   LOCATION L0031182     VOLUME   443913.826 3769887.619 0.0
   LOCATION L0031183     VOLUME   443908.885 3769895.062 0.0
   LOCATION L0031184     VOLUME   443904.159 3769902.721 0.0
   LOCATION L0031185     VOLUME   443899.433 3769910.380 0.0
   LOCATION L0031186     VOLUME   443895.774 3769918.557 0.0
   LOCATION L0031187     VOLUME   443892.682 3769927.010 0.0
   LOCATION L0031188     VOLUME   443889.590 3769935.462 0.0
   LOCATION L0031189     VOLUME   443886.498 3769943.914 0.0
   LOCATION L0031190     VOLUME   443883.405 3769952.366 0.0
   LOCATION L0031191     VOLUME   443880.291 3769960.810 0.0
   LOCATION L0031192     VOLUME   443877.152 3769969.245 0.0
   LOCATION L0031193     VOLUME   443874.014 3769977.680 0.0
   LOCATION L0031194     VOLUME   443870.875 3769986.115 0.0
   LOCATION L0031195     VOLUME   443867.737 3769994.550 0.0
   LOCATION L0031196     VOLUME   443864.555 3770002.965 0.0
   LOCATION L0031197     VOLUME   443860.198 3770010.840 0.0
   LOCATION L0031198     VOLUME   443855.841 3770018.715 0.0
   LOCATION L0031199     VOLUME   443851.485 3770026.591 0.0
   LOCATION L0031200     VOLUME   443845.253 3770033.008 0.0
   LOCATION L0031201     VOLUME   443838.694 3770039.170 0.0
   LOCATION L0031202     VOLUME   443831.817 3770044.816 0.0
   LOCATION L0031203     VOLUME   443823.355 3770047.880 0.0
   LOCATION L0031204     VOLUME   443814.892 3770050.944 0.0
   LOCATION L0031205     VOLUME   443806.430 3770054.008 0.0
   LOCATION L0031206     VOLUME   443797.823 3770056.591 0.0
   LOCATION L0031207     VOLUME   443789.076 3770058.712 0.0
   LOCATION L0031208     VOLUME   443780.329 3770060.832 0.0
   LOCATION L0031209     VOLUME   443771.583 3770062.953 0.0
   LOCATION L0031210     VOLUME   443762.744 3770064.557 0.0
   LOCATION L0031211     VOLUME   443753.805 3770065.608 0.0
   LOCATION L0031212     VOLUME   443744.867 3770066.660 0.0
   LOCATION L0031213     VOLUME   443735.928 3770067.712 0.0
** End of LINE VOLUME Source ID = SLINE7
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0030531     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030532     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030533     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030534     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030535     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030536     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030537     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030538     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030539     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030540     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030541     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030542     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030543     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030544     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030545     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030546     0.000022028      0.00      8.74      2.72
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SRCPARAM L0030547     0.000022028      0.00      8.74      2.72
SRCPARAM L0030548     0.000022028      0.00      8.74      2.72
SRCPARAM L0030549     0.000022028      0.00      8.74      2.72
SRCPARAM L0030550     0.000022028      0.00      8.74      2.72
SRCPARAM L0030551     0.000022028      0.00      8.74      2.72
SRCPARAM L0030552     0.000022028      0.00      8.74      2.72
SRCPARAM L0030553     0.000022028      0.00      8.74      2.72
SRCPARAM L0030554     0.000022028      0.00      8.74      2.72
SRCPARAM L0030555     0.000022028      0.00      8.74      2.72
SRCPARAM L0030556     0.000022028      0.00      8.74      2.72
SRCPARAM L0030557     0.000022028      0.00      8.74      2.72
SRCPARAM L0030558     0.000022028      0.00      8.74      2.72
SRCPARAM L0030559     0.000022028      0.00      8.74      2.72
SRCPARAM L0030560     0.000022028      0.00      8.74      2.72
SRCPARAM L0030561     0.000022028      0.00      8.74      2.72
SRCPARAM L0030562     0.000022028      0.00      8.74      2.72
SRCPARAM L0030563     0.000022028      0.00      8.74      2.72
SRCPARAM L0030564     0.000022028      0.00      8.74      2.72
SRCPARAM L0030565     0.000022028      0.00      8.74      2.72
SRCPARAM L0030566     0.000022028      0.00      8.74      2.72
SRCPARAM L0030567     0.000022028      0.00      8.74      2.72
SRCPARAM L0030568     0.000022028      0.00      8.74      2.72
SRCPARAM L0030569     0.000022028      0.00      8.74      2.72
SRCPARAM L0030570     0.000022028      0.00      8.74      2.72
SRCPARAM L0030571     0.000022028      0.00      8.74      2.72
SRCPARAM L0030572     0.000022028      0.00      8.74      2.72
SRCPARAM L0030573     0.000022028      0.00      8.74      2.72
SRCPARAM L0030574     0.000022028      0.00      8.74      2.72
SRCPARAM L0030575     0.000022028      0.00      8.74      2.72
SRCPARAM L0030576     0.000022028      0.00      8.74      2.72
SRCPARAM L0030577     0.000022028      0.00      8.74      2.72
SRCPARAM L0030578     0.000022028      0.00      8.74      2.72
SRCPARAM L0030579     0.000022028      0.00      8.74      2.72
SRCPARAM L0030580     0.000022028      0.00      8.74      2.72
SRCPARAM L0030581     0.000022028      0.00      8.74      2.72
SRCPARAM L0030582     0.000022028      0.00      8.74      2.72
SRCPARAM L0030583     0.000022028      0.00      8.74      2.72
SRCPARAM L0030584     0.000022028      0.00      8.74      2.72
SRCPARAM L0030585     0.000022028      0.00      8.74      2.72
SRCPARAM L0030586     0.000022028      0.00      8.74      2.72
SRCPARAM L0030587     0.000022028      0.00      8.74      2.72
SRCPARAM L0030588     0.000022028      0.00      8.74      2.72
SRCPARAM L0030589     0.000022028      0.00      8.74      2.72
SRCPARAM L0030590     0.000022028      0.00      8.74      2.72
SRCPARAM L0030591     0.000022028      0.00      8.74      2.72
SRCPARAM L0030592     0.000022028      0.00      8.74      2.72
SRCPARAM L0030593     0.000022028      0.00      8.74      2.72
SRCPARAM L0030594     0.000022028      0.00      8.74      2.72
SRCPARAM L0030595     0.000022028      0.00      8.74      2.72
SRCPARAM L0030596     0.000022028      0.00      8.74      2.72
SRCPARAM L0030597     0.000022028      0.00      8.74      2.72
SRCPARAM L0030598     0.000022028      0.00      8.74      2.72
SRCPARAM L0030599     0.000022028      0.00      8.74      2.72
SRCPARAM L0030600     0.000022028      0.00      8.74      2.72
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SRCPARAM L0030601     0.000022028      0.00      8.74      2.72
SRCPARAM L0030602     0.000022028      0.00      8.74      2.72
SRCPARAM L0030603     0.000022028      0.00      8.74      2.72
SRCPARAM L0030604     0.000022028      0.00      8.74      2.72
SRCPARAM L0030605     0.000022028      0.00      8.74      2.72
SRCPARAM L0030606     0.000022028      0.00      8.74      2.72
SRCPARAM L0030607     0.000022028      0.00      8.74      2.72
SRCPARAM L0030608     0.000022028      0.00      8.74      2.72
SRCPARAM L0030609     0.000022028      0.00      8.74      2.72
SRCPARAM L0030610     0.000022028      0.00      8.74      2.72
SRCPARAM L0030611     0.000022028      0.00      8.74      2.72
SRCPARAM L0030612     0.000022028      0.00      8.74      2.72
SRCPARAM L0030613     0.000022028      0.00      8.74      2.72
SRCPARAM L0030614     0.000022028      0.00      8.74      2.72
SRCPARAM L0030615     0.000022028      0.00      8.74      2.72
SRCPARAM L0030616     0.000022028      0.00      8.74      2.72
SRCPARAM L0030617     0.000022028      0.00      8.74      2.72
SRCPARAM L0030618     0.000022028      0.00      8.74      2.72
SRCPARAM L0030619     0.000022028      0.00      8.74      2.72
SRCPARAM L0030620     0.000022028      0.00      8.74      2.72
SRCPARAM L0030621     0.000022028      0.00      8.74      2.72
SRCPARAM L0030622     0.000022028      0.00      8.74      2.72
SRCPARAM L0030623     0.000022028      0.00      8.74      2.72
SRCPARAM L0030624     0.000022028      0.00      8.74      2.72
SRCPARAM L0030625     0.000022028      0.00      8.74      2.72
SRCPARAM L0030626     0.000022028      0.00      8.74      2.72
SRCPARAM L0030627     0.000022028      0.00      8.74      2.72
SRCPARAM L0030628     0.000022028      0.00      8.74      2.72
SRCPARAM L0030629     0.000022028      0.00      8.74      2.72
SRCPARAM L0030630     0.000022028      0.00      8.74      2.72
SRCPARAM L0030631     0.000022028      0.00      8.74      2.72
SRCPARAM L0030632     0.000022028      0.00      8.74      2.72
SRCPARAM L0030633     0.000022028      0.00      8.74      2.72
SRCPARAM L0030634     0.000022028      0.00      8.74      2.72
SRCPARAM L0030635     0.000022028      0.00      8.74      2.72
SRCPARAM L0030636     0.000022028      0.00      8.74      2.72
SRCPARAM L0030637     0.000022028      0.00      8.74      2.72
SRCPARAM L0030638     0.000022028      0.00      8.74      2.72
SRCPARAM L0030639     0.000022028      0.00      8.74      2.72
SRCPARAM L0030640     0.000022028      0.00      8.74      2.72
SRCPARAM L0030641     0.000022028      0.00      8.74      2.72
SRCPARAM L0030642     0.000022028      0.00      8.74      2.72
SRCPARAM L0030643     0.000022028      0.00      8.74      2.72
SRCPARAM L0030644     0.000022028      0.00      8.74      2.72
SRCPARAM L0030645     0.000022028      0.00      8.74      2.72
SRCPARAM L0030646     0.000022028      0.00      8.74      2.72
SRCPARAM L0030647     0.000022028      0.00      8.74      2.72
SRCPARAM L0030648     0.000022028      0.00      8.74      2.72
SRCPARAM L0030649     0.000022028      0.00      8.74      2.72
SRCPARAM L0030650     0.000022028      0.00      8.74      2.72
SRCPARAM L0030651     0.000022028      0.00      8.74      2.72
SRCPARAM L0030652     0.000022028      0.00      8.74      2.72
SRCPARAM L0030653     0.000022028      0.00      8.74      2.72
SRCPARAM L0030654     0.000022028      0.00      8.74      2.72
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   SRCPARAM L0030655     0.000022028      0.00      8.74      2.72
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   SRCPARAM L0030657     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030658     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030659     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030660     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030661     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030662     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030663     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030664     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030665     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030666     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030667     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030668     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030669     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030670     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030671     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030672     0.000022028      0.00      8.74      2.72
   SRCPARAM L0030673     0.000022028      0.00      8.74      2.72
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** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0030674     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030675     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030676     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030677     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030678     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030679     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030680     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030681     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030682     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030683     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030684     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030685     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030686     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030687     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030688     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030689     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030690     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030691     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030692     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030693     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030694     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030695     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030696     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030697     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030698     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030699     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030700     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030701     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030702     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030703     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030704     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030705     0.0000221277      0.00      8.74      2.72
   SRCPARAM L0030706     0.0000221277      0.00      8.74      2.72
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SRCPARAM L0030707     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030708     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030709     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030710     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030711     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030712     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030713     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030714     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030715     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030716     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030717     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030718     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030719     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030720     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030721     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030722     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030723     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030724     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030725     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030726     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030727     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030728     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030729     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030730     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030731     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030732     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030733     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030734     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030735     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030736     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030737     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030738     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030739     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030740     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030741     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030742     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030743     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030744     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030745     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030746     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030747     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030748     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030749     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030750     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030751     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030752     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030753     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030754     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030755     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030756     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030757     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030758     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030759     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030760     0.0000221277      0.00      8.74      2.72
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SRCPARAM L0030761     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030762     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030763     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030764     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030765     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030766     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030767     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030768     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030769     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030770     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030771     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030772     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030773     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030774     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030775     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030776     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030777     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030778     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030779     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030780     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030781     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030782     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030783     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030784     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030785     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030786     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030787     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030788     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030789     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030790     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030791     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030792     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030793     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030794     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030795     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030796     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030797     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030798     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030799     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030800     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030801     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030802     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030803     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030804     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030805     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030806     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030807     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030808     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030809     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030810     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030811     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030812     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030813     0.0000221277      0.00      8.74      2.72
SRCPARAM L0030814     0.0000221277      0.00      8.74      2.72
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** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0030815     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030816     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030817     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030818     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030819     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030820     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030821     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030822     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030823     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030824     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030825     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030826     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030827     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030828     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030829     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030830     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030831     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030832     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030833     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030834     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030835     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030836     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030837     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030838     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030839     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030840     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030841     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030842     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030843     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030844     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030845     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030846     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030847     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030848     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030849     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030850     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030851     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030852     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030853     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030854     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030855     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030856     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030857     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030858     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030859     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030860     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030861     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030862     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030863     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030864     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030865     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030866     0.000003671      0.00      4.19      2.38
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   SRCPARAM L0030867     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030868     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030869     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030870     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030871     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030872     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030873     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030874     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030875     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030876     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030877     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030878     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030879     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030880     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030881     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030882     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030883     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030884     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030885     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030886     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030887     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030888     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030889     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030890     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030891     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030892     0.000003671      0.00      4.19      2.38
   SRCPARAM L0030893     0.000003671      0.00      4.19      2.38
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0031037     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031038     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031039     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031040     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031041     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031042     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031043     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031044     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031045     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031046     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031047     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031048     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031049     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031050     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031051     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031052     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031053     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031054     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031055     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031056     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031057     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031058     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031059     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031060     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031061     0.0000208571      0.00      4.19      2.38
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   SRCPARAM L0031062     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031063     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031064     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031065     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031066     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031067     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031068     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031069     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031070     0.0000208571      0.00      4.19      2.38
   SRCPARAM L0031071     0.0000208571      0.00      4.19      2.38
** --------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE5
   SRCPARAM L0031072     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031073     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031074     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031075     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031076     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031077     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031078     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031079     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031080     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031081     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031082     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031083     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031084     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031085     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031086     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031087     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031088     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031089     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031090     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031091     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031092     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031093     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031094     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031095     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031096     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031097     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031098     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031099     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031100     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031101     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031102     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031103     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031104     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031105     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031106     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031107     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031108     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031109     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031110     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031111     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031112     0.000003077       0.00      4.19      2.38
   SRCPARAM L0031113     0.000003077       0.00      4.19      2.38
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   SRCPARAM L0031114     0.000003077      0.00      4.19      2.38
   SRCPARAM L0031115     0.000003077      0.00      4.19      2.38
   SRCPARAM L0031116     0.000003077      0.00      4.19      2.38
   SRCPARAM L0031117     0.000003077      0.00      4.19      2.38
   SRCPARAM L0031118     0.000003077      0.00      4.19      2.38
   SRCPARAM L0031119     0.000003077      0.00      4.19      2.38
   SRCPARAM L0031120     0.000003077      0.00      4.19      2.38
   SRCPARAM L0031121     0.000003077      0.00      4.19      2.38
   SRCPARAM L0031122     0.000003077      0.00      4.19      2.38
   SRCPARAM L0031123     0.000003077      0.00      4.19      2.38
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE6
   SRCPARAM L0031124     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031125     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031126     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031127     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031128     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031129     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031130     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031131     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031132     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031133     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031134     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031135     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031136     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031137     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031138     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031139     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031140     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031141     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031142     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031143     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031144     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031145     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031146     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031147     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031148     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031149     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031150     0.000003214      0.00      4.19      2.38
   SRCPARAM L0031151     0.000003214      0.00      4.19      2.38
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE7
   SRCPARAM L0031152     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031153     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031154     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031155     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031156     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031157     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031158     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031159     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031160     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031161     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031162     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031163     0.0000245161      0.00      4.19      2.38
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   SRCPARAM L0031164     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031165     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031166     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031167     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031168     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031169     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031170     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031171     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031172     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031173     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031174     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031175     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031176     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031177     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031178     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031179     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031180     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031181     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031182     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031183     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031184     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031185     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031186     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031187     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031188     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031189     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031190     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031191     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031192     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031193     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031194     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031195     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031196     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031197     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031198     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031199     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031200     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031201     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031202     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031203     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031204     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031205     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031206     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031207     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031208     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031209     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031210     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031211     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031212     0.0000245161      0.00      4.19      2.38
   SRCPARAM L0031213     0.0000245161      0.00      4.19      2.38
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
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**
****************************************
** AERMOD Receptor Pathway
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**
**
RE STARTING
** DESCRREC "UCART1" "Receptors generated from Uniform Cartesian Grid"
   DISCCART    444781.98   3769929.39
   DISCCART    444818.37   3769929.39
   DISCCART    444854.76   3769929.39
   DISCCART    444891.15   3769929.39
   DISCCART    444927.54   3769929.39
   DISCCART    444963.93   3769929.39
   DISCCART    445000.32   3769929.39
   DISCCART    445036.71   3769929.39
   DISCCART    445073.10   3769929.39
   DISCCART    445109.49   3769929.39
   DISCCART    445145.88   3769929.39
   DISCCART    445182.27   3769929.39
   DISCCART    444781.98   3769940.96
   DISCCART    444818.37   3769940.96
   DISCCART    444854.76   3769940.96
   DISCCART    444891.15   3769940.96
   DISCCART    444927.54   3769940.96
   DISCCART    444963.93   3769940.96
   DISCCART    445000.32   3769940.96
   DISCCART    445036.71   3769940.96
   DISCCART    445073.10   3769940.96
   DISCCART    445109.49   3769940.96
   DISCCART    445145.88   3769940.96
   DISCCART    445182.27   3769940.96
   DISCCART    444781.98   3769952.53
   DISCCART    444818.37   3769952.53
   DISCCART    444854.76   3769952.53
   DISCCART    444891.15   3769952.53
   DISCCART    444927.54   3769952.53
   DISCCART    444963.93   3769952.53
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   DISCCART    445036.71   3769952.53
   DISCCART    445073.10   3769952.53
   DISCCART    445109.49   3769952.53
   DISCCART    445145.88   3769952.53
   DISCCART    445182.27   3769952.53
   DISCCART    444781.98   3769964.10
   DISCCART    444818.37   3769964.10
   DISCCART    444854.76   3769964.10
   DISCCART    444891.15   3769964.10
   DISCCART    444927.54   3769964.10
   DISCCART    444963.93   3769964.10
   DISCCART    445000.32   3769964.10
   DISCCART    445036.71   3769964.10
   DISCCART    445073.10   3769964.10
   DISCCART    445109.49   3769964.10
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DISCCART	445145.88	3769964.10
DISCCART	445182.27	3769964.10
DISCCART	445218.66	3769964.10
DISCCART	444781.98	3769975.67
DISCCART	444818.37	3769975.67
DISCCART	444854.76	3769975.67
DISCCART	444891.15	3769975.67
DISCCART	444927.54	3769975.67
DISCCART	444963.93	3769975.67
DISCCART	445000.32	3769975.67
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DISCCART	445145.88	3769975.67
DISCCART	445182.27	3769975.67
DISCCART	445218.66	3769975.67
DISCCART	444781.98	3769987.24
DISCCART	444818.37	3769987.24
DISCCART	444854.76	3769987.24
DISCCART	444891.15	3769987.24
DISCCART	444927.54	3769987.24
DISCCART	444963.93	3769987.24
DISCCART	445000.32	3769987.24
DISCCART	445036.71	3769987.24
DISCCART	445073.10	3769987.24
DISCCART	445109.49	3769987.24
DISCCART	445145.88	3769987.24
DISCCART	445182.27	3769987.24
DISCCART	445218.66	3769987.24
DISCCART	444781.98	3769998.81
DISCCART	444818.37	3769998.81
DISCCART	444854.76	3769998.81
DISCCART	444891.15	3769998.81
DISCCART	444927.54	3769998.81
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DISCCART	445145.88	3769998.81
DISCCART	445182.27	3769998.81
DISCCART	445218.66	3769998.81
DISCCART	444781.98	3770010.38
DISCCART	444818.37	3770010.38
DISCCART	444854.76	3770010.38
DISCCART	444891.15	3770010.38
DISCCART	444927.54	3770010.38
DISCCART	444963.93	3770010.38
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DISCCART	445073.10	3770010.38
DISCCART	445109.49	3770010.38
DISCCART	445145.88	3770010.38
DISCCART	445182.27	3770010.38

DISCCART	445218.66	3770010.38
DISCCART	444781.98	3770021.95
DISCCART	444818.37	3770021.95
DISCCART	444854.76	3770021.95
DISCCART	444891.15	3770021.95
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DISCCART	445000.32	3770021.95
DISCCART	445036.71	3770021.95
DISCCART	445073.10	3770021.95
DISCCART	445109.49	3770021.95
DISCCART	445145.88	3770021.95
DISCCART	445182.27	3770021.95
DISCCART	445218.66	3770021.95
DISCCART	444781.98	3770033.52
DISCCART	444818.37	3770033.52
DISCCART	444854.76	3770033.52
DISCCART	444891.15	3770033.52
DISCCART	444927.54	3770033.52
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DISCCART	445036.71	3770033.52
DISCCART	445073.10	3770033.52
DISCCART	445109.49	3770033.52
DISCCART	445145.88	3770033.52
DISCCART	445182.27	3770033.52
DISCCART	445218.66	3770033.52
DISCCART	445249.38	3770033.52
DISCCART	444781.98	3770045.09
DISCCART	444818.37	3770045.09
DISCCART	444854.76	3770045.09
DISCCART	444891.15	3770045.09
DISCCART	444927.54	3770045.09
DISCCART	444963.93	3770045.09
DISCCART	445000.32	3770045.09
DISCCART	445036.71	3770045.09
DISCCART	445073.10	3770045.09
DISCCART	445109.49	3770045.09
DISCCART	445145.88	3770045.09
DISCCART	445182.27	3770045.09
DISCCART	445218.66	3770045.09
DISCCART	445255.05	3770045.09
DISCCART	444818.37	3770056.66
DISCCART	444854.76	3770056.66
DISCCART	444891.15	3770056.66
DISCCART	444927.54	3770056.66
DISCCART	444963.93	3770056.66
DISCCART	445000.32	3770056.66
DISCCART	445036.71	3770056.66
DISCCART	445073.10	3770056.66
DISCCART	445109.49	3770056.66
DISCCART	445145.88	3770056.66
DISCCART	445182.27	3770056.66
DISCCART	445218.66	3770056.66

DISCCART	445255.05	3770056.66
DISCCART	444818.37	3770068.23
DISCCART	444854.76	3770068.23
DISCCART	444891.15	3770068.23
DISCCART	444927.54	3770068.23
DISCCART	444963.93	3770068.23
DISCCART	445000.32	3770068.23
DISCCART	445036.71	3770068.23
DISCCART	445073.10	3770068.23
DISCCART	445109.49	3770068.23
DISCCART	445145.88	3770068.23
DISCCART	445182.27	3770068.23
DISCCART	445218.66	3770068.23
DISCCART	445255.05	3770068.23
DISCCART	444818.37	3770079.80
DISCCART	444854.76	3770079.80
DISCCART	444891.15	3770079.80
DISCCART	444927.54	3770079.80
DISCCART	444963.93	3770079.80
DISCCART	445000.32	3770079.80
DISCCART	445036.71	3770079.80
DISCCART	445073.10	3770079.80
DISCCART	445109.49	3770079.80
DISCCART	445145.88	3770079.80
DISCCART	445182.27	3770079.80
DISCCART	445218.66	3770079.80
DISCCART	445255.05	3770079.80
DISCCART	444818.37	3770091.37
DISCCART	444854.76	3770091.37
DISCCART	444891.15	3770091.37
DISCCART	444927.54	3770091.37
DISCCART	444963.93	3770091.37
DISCCART	445000.32	3770091.37
DISCCART	445036.71	3770091.37
DISCCART	445073.10	3770091.37
DISCCART	445109.49	3770091.37
DISCCART	445145.88	3770091.37
DISCCART	445182.27	3770091.37
DISCCART	445218.66	3770091.37
DISCCART	445255.05	3770091.37
DISCCART	444818.37	3770102.94
DISCCART	444854.76	3770102.94
DISCCART	444891.15	3770102.94
DISCCART	444927.54	3770102.94
DISCCART	444963.93	3770102.94
DISCCART	445000.32	3770102.94
DISCCART	445036.71	3770102.94
DISCCART	445073.10	3770102.94
DISCCART	445109.49	3770102.94
DISCCART	445145.88	3770102.94
DISCCART	445182.27	3770102.94
DISCCART	445218.66	3770102.94
DISCCART	445255.05	3770102.94
DISCCART	444818.37	3770114.51

```
   DISCCART    444854.76   3770114.51
   DISCCART    444891.15   3770114.51
   DISCCART    444927.54   3770114.51
   DISCCART    444963.93   3770114.51
   DISCCART    445000.32   3770112.15
   DISCCART    445036.71   3770112.15
   DISCCART    445073.10   3770111.76
   DISCCART    445109.49   3770111.28
   DISCCART    445145.88   3770110.81
   DISCCART    445182.73   3770110.35
   DISCCART    445217.74   3770109.89
   DISCCART    445271.22   3770102.96
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE poma6.SFC
   PROFFILE poma6.PFL
   SURFDATA 3190 2005
   UAIRDATA 3190 2005
   SITEDATA 99999 2005
   PROFBASE 270.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "TOG DSL.AD\01H1GALL.PLT" 31
   PLOTFILE 8 ALL 1ST "TOG DSL.AD\08H1GALL.PLT" 32
   SUMMFILE "TOG DSL.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 W396    1537       MEOPEN: Met data from outdated version of AERMET,
version:         12345
 ME W531    1537       MEOPEN: CAUTION! Met Station ID Missing from
SURFFILE for      SURFDATA

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************
```

```
 *** AERMOD - VERSION  14134 ***   *** U:\UcJobs\_08600-
09000\_09000\09034\AERMOD\Residences Near FWY HRA\r ***        10/21/14
 *** AERMET - VERSION  12345 ***   ***
***        12:07:10

PAGE   1
 **MODELOPTs:   NonDFAULT CONC      FLAT      FASTALL

                                             ***     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 URBAN Dispersion Algorithm for the SBL for   540 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   2015355.0 ;  Urban Roughness Length =  1.000 m

 **Model Allows User-Specified Options:
         1. Stack-tip Downwash.
         2. Model Assumes Receptors on FLAT Terrain.
         3. Use Calms Processing Routine.
         4. Use Missing Data Processing Routine.
         5. No Exponential Decay.
         6. Urban Roughness Length of 1.0 Meter Used.

 **Other Options Specified:
         FASTALL  - Use effective sigma-y to optimize meander for
                    POINT and VOLUME sources, and hybrid approach
                    to optimize AREA sources (formerly TOXICS option)

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  TOGDSL

 **Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

 **This Run Includes:    540 Source(s);       1 Source Group(s); and
220 Receptor(s)

 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  12345

 **Output Options Selected:
          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) = 270.00 ; 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 = 3.8 MB of RAM.

**File for Summary of Results: TOG DSL.sum

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030531	0	0.22028E-04	445440.0	3769597.4	270.0	0.00	8.74	2.72	YES
L0030532	0	0.22028E-04	445421.2	3769597.7	270.0	0.00	8.74	2.72	YES
L0030533	0	0.22028E-04	445402.5	3769598.0	270.0	0.00	8.74	2.72	YES
L0030534	0	0.22028E-04	445383.7	3769598.2	270.0	0.00	8.74	2.72	YES
L0030535	0	0.22028E-04	445364.9	3769598.5	270.0	0.00	8.74	2.72	YES
L0030536	0	0.22028E-04	445346.1	3769598.8	270.0	0.00	8.74	2.72	YES
L0030537	0	0.22028E-04	445327.3	3769599.1	270.0	0.00	8.74	2.72	YES
L0030538	0	0.22028E-04	445308.5	3769599.3	270.0	0.00	8.74	2.72	YES
L0030539	0	0.22028E-04	445289.7	3769599.6	270.0	0.00	8.74	2.72	YES
L0030540	0	0.22028E-04	445270.9	3769599.9	270.0	0.00	8.74	2.72	YES
L0030541	0	0.22028E-04	445252.1	3769600.1	270.0	0.00	8.74	2.72	YES
L0030542	0	0.22028E-04	445233.3	3769600.4	270.0	0.00	8.74	2.72	YES
L0030543	0	0.22028E-04	445214.5	3769600.7	270.0	0.00	8.74	2.72	YES
L0030544	0	0.22028E-04	445195.7	3769600.9	270.0	0.00	8.74	2.72	YES
L0030545	0	0.22028E-04	445176.9	3769601.2	270.0	0.00	8.74	2.72	YES
L0030546	0	0.22028E-04	445158.1	3769601.5	270.0	0.00	8.74	2.72	YES

L0030547		0	0.22028E-04	445139.3	3769601.8	270.0	0.00	
8.74	2.72	YES						
L0030548		0	0.22028E-04	445120.5	3769602.0	270.0	0.00	
8.74	2.72	YES						
L0030549		0	0.22028E-04	445101.7	3769602.3	270.0	0.00	
8.74	2.72	YES						
L0030550		0	0.22028E-04	445082.9	3769602.6	270.0	0.00	
8.74	2.72	YES						
L0030551		0	0.22028E-04	445064.1	3769602.8	270.0	0.00	
8.74	2.72	YES						
L0030552		0	0.22028E-04	445045.3	3769603.1	270.0	0.00	
8.74	2.72	YES						
L0030553		0	0.22028E-04	445026.5	3769603.4	270.0	0.00	
8.74	2.72	YES						
L0030554		0	0.22028E-04	445007.7	3769603.6	270.0	0.00	
8.74	2.72	YES						
L0030555		0	0.22028E-04	444988.9	3769603.9	270.0	0.00	
8.74	2.72	YES						
L0030556		0	0.22028E-04	444970.1	3769604.2	270.0	0.00	
8.74	2.72	YES						
L0030557		0	0.22028E-04	444951.3	3769604.5	270.0	0.00	
8.74	2.72	YES						
L0030558		0	0.22028E-04	444932.5	3769604.7	270.0	0.00	
8.74	2.72	YES						
L0030559		0	0.22028E-04	444913.7	3769605.0	270.0	0.00	
8.74	2.72	YES						
L0030560		0	0.22028E-04	444894.9	3769605.3	270.0	0.00	
8.74	2.72	YES						
L0030561		0	0.22028E-04	444876.1	3769605.5	270.0	0.00	
8.74	2.72	YES						
L0030562		0	0.22028E-04	444857.3	3769605.8	270.0	0.00	
8.74	2.72	YES						
L0030563		0	0.22028E-04	444838.5	3769606.1	270.0	0.00	
8.74	2.72	YES						
L0030564		0	0.22028E-04	444819.7	3769606.6	270.0	0.00	
8.74	2.72	YES						
L0030565		0	0.22028E-04	444800.9	3769607.2	270.0	0.00	
8.74	2.72	YES						
L0030566		0	0.22028E-04	444782.1	3769607.7	270.0	0.00	
8.74	2.72	YES						
L0030567		0	0.22028E-04	444763.3	3769608.2	270.0	0.00	
8.74	2.72	YES						
L0030568		0	0.22028E-04	444744.6	3769609.2	270.0	0.00	
8.74	2.72	YES						
L0030569		0	0.22028E-04	444725.9	3769611.1	270.0	0.00	
8.74	2.72	YES						
L0030570		0	0.22028E-04	444707.2	3769613.1	270.0	0.00	
8.74	2.72	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030571	0	0.22028E-04	444688.5	3769615.0	270.0	0.00	8.74	2.72	YES
L0030572	0	0.22028E-04	444669.8	3769617.0	270.0	0.00	8.74	2.72	YES
L0030573	0	0.22028E-04	444651.1	3769618.9	270.0	0.00	8.74	2.72	YES
L0030574	0	0.22028E-04	444632.4	3769621.1	270.0	0.00	8.74	2.72	YES
L0030575	0	0.22028E-04	444613.8	3769623.7	270.0	0.00	8.74	2.72	YES
L0030576	0	0.22028E-04	444595.2	3769626.3	270.0	0.00	8.74	2.72	YES
L0030577	0	0.22028E-04	444576.6	3769628.9	270.0	0.00	8.74	2.72	YES
L0030578	0	0.22028E-04	444557.9	3769631.5	270.0	0.00	8.74	2.72	YES
L0030579	0	0.22028E-04	444539.3	3769634.1	270.0	0.00	8.74	2.72	YES
L0030580	0	0.22028E-04	444520.7	3769637.0	270.0	0.00	8.74	2.72	YES
L0030581	0	0.22028E-04	444502.2	3769640.0	270.0	0.00	8.74	2.72	YES
L0030582	0	0.22028E-04	444483.6	3769643.0	270.0	0.00	8.74	2.72	YES
L0030583	0	0.22028E-04	444465.1	3769646.0	270.0	0.00	8.74	2.72	YES
L0030584	0	0.22028E-04	444446.5	3769649.1	270.0	0.00	8.74	2.72	YES
L0030585	0	0.22028E-04	444428.0	3769652.1	270.0	0.00	8.74	2.72	YES
L0030586	0	0.22028E-04	444409.5	3769655.4	270.0	0.00	8.74	2.72	YES

L0030587		0	0.22028E-04	444391.2	3769659.9	270.0	0.00
8.74	2.72	YES					
L0030588		0	0.22028E-04	444373.0	3769664.4	270.0	0.00
8.74	2.72	YES					
L0030589		0	0.22028E-04	444354.7	3769669.0	270.0	0.00
8.74	2.72	YES					
L0030590		0	0.22028E-04	444336.5	3769673.5	270.0	0.00
8.74	2.72	YES					
L0030591		0	0.22028E-04	444318.2	3769678.0	270.0	0.00
8.74	2.72	YES					
L0030592		0	0.22028E-04	444300.0	3769682.5	270.0	0.00
8.74	2.72	YES					
L0030593		0	0.22028E-04	444281.7	3769687.1	270.0	0.00
8.74	2.72	YES					
L0030594		0	0.22028E-04	444263.5	3769691.6	270.0	0.00
8.74	2.72	YES					
L0030595		0	0.22028E-04	444245.2	3769696.1	270.0	0.00
8.74	2.72	YES					
L0030596		0	0.22028E-04	444227.4	3769702.0	270.0	0.00
8.74	2.72	YES					
L0030597		0	0.22028E-04	444209.6	3769708.1	270.0	0.00
8.74	2.72	YES					
L0030598		0	0.22028E-04	444191.8	3769714.2	270.0	0.00
8.74	2.72	YES					
L0030599		0	0.22028E-04	444174.0	3769720.3	270.0	0.00
8.74	2.72	YES					
L0030600		0	0.22028E-04	444156.2	3769726.4	270.0	0.00
8.74	2.72	YES					
L0030601		0	0.22028E-04	444138.5	3769732.4	270.0	0.00
8.74	2.72	YES					
L0030602		0	0.22028E-04	444120.7	3769738.5	270.0	0.00
8.74	2.72	YES					
L0030603		0	0.22028E-04	444102.9	3769744.6	270.0	0.00
8.74	2.72	YES					
L0030604		0	0.22028E-04	444085.1	3769750.7	270.0	0.00
8.74	2.72	YES					
L0030605		0	0.22028E-04	444067.3	3769756.8	270.0	0.00
8.74	2.72	YES					
L0030606		0	0.22028E-04	444049.5	3769762.9	270.0	0.00
8.74	2.72	YES					
L0030607		0	0.22028E-04	444032.2	3769770.2	270.0	0.00
8.74	2.72	YES					
L0030608		0	0.22028E-04	444014.9	3769777.5	270.0	0.00
8.74	2.72	YES					
L0030609		0	0.22028E-04	443997.6	3769784.9	270.0	0.00
8.74	2.72	YES					
L0030610		0	0.22028E-04	443980.3	3769792.2	270.0	0.00
8.74	2.72	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030611	0	0.22028E-04	443963.0	3769799.5	270.0	0.00	8.74	2.72	YES
L0030612	0	0.22028E-04	443945.7	3769806.9	270.0	0.00	8.74	2.72	YES
L0030613	0	0.22028E-04	443928.3	3769814.2	270.0	0.00	8.74	2.72	YES
L0030614	0	0.22028E-04	443911.4	3769822.3	270.0	0.00	8.74	2.72	YES
L0030615	0	0.22028E-04	443894.6	3769830.8	270.0	0.00	8.74	2.72	YES
L0030616	0	0.22028E-04	443877.9	3769839.4	270.0	0.00	8.74	2.72	YES
L0030617	0	0.22028E-04	443861.1	3769847.9	270.0	0.00	8.74	2.72	YES
L0030618	0	0.22028E-04	443844.4	3769856.4	270.0	0.00	8.74	2.72	YES
L0030619	0	0.22028E-04	443827.6	3769864.9	270.0	0.00	8.74	2.72	YES
L0030620	0	0.22028E-04	443810.9	3769873.5	270.0	0.00	8.74	2.72	YES
L0030621	0	0.22028E-04	443794.1	3769882.0	270.0	0.00	8.74	2.72	YES
L0030622	0	0.22028E-04	443777.7	3769891.1	270.0	0.00	8.74	2.72	YES
L0030623	0	0.22028E-04	443761.6	3769900.9	270.0	0.00	8.74	2.72	YES
L0030624	0	0.22028E-04	443745.6	3769910.7	270.0	0.00	8.74	2.72	YES
L0030625	0	0.22028E-04	443729.5	3769920.4	270.0	0.00	8.74	2.72	YES
L0030626	0	0.22028E-04	443713.4	3769930.2	270.0	0.00	8.74	2.72	YES

L0030627		0	0.22028E-04	443697.4	3769940.0	270.0	0.00	
8.74	2.72	YES						
L0030628		0	0.22028E-04	443681.3	3769949.8	270.0	0.00	
8.74	2.72	YES						
L0030629		0	0.22028E-04	443665.3	3769959.6	270.0	0.00	
8.74	2.72	YES						
L0030630		0	0.22028E-04	443649.2	3769969.4	270.0	0.00	
8.74	2.72	YES						
L0030631		0	0.22028E-04	443633.2	3769979.1	270.0	0.00	
8.74	2.72	YES						
L0030632		0	0.22028E-04	443617.4	3769989.3	270.0	0.00	
8.74	2.72	YES						
L0030633		0	0.22028E-04	443601.9	3770000.0	270.0	0.00	
8.74	2.72	YES						
L0030634		0	0.22028E-04	443586.4	3770010.6	270.0	0.00	
8.74	2.72	YES						
L0030635		0	0.22028E-04	443570.9	3770021.3	270.0	0.00	
8.74	2.72	YES						
L0030636		0	0.22028E-04	443555.5	3770032.0	270.0	0.00	
8.74	2.72	YES						
L0030637		0	0.22028E-04	443540.0	3770042.7	270.0	0.00	
8.74	2.72	YES						
L0030638		0	0.22028E-04	443524.5	3770053.3	270.0	0.00	
8.74	2.72	YES						
L0030639		0	0.22028E-04	443509.0	3770064.0	270.0	0.00	
8.74	2.72	YES						
L0030640		0	0.22028E-04	443493.6	3770074.7	270.0	0.00	
8.74	2.72	YES						
L0030641		0	0.22028E-04	443478.1	3770085.4	270.0	0.00	
8.74	2.72	YES						
L0030642		0	0.22028E-04	443462.6	3770096.0	270.0	0.00	
8.74	2.72	YES						
L0030643		0	0.22028E-04	443447.1	3770106.7	270.0	0.00	
8.74	2.72	YES						
L0030644		0	0.22028E-04	443431.7	3770117.4	270.0	0.00	
8.74	2.72	YES						
L0030645		0	0.22028E-04	443416.3	3770128.2	270.0	0.00	
8.74	2.72	YES						
L0030646		0	0.22028E-04	443400.9	3770139.0	270.0	0.00	
8.74	2.72	YES						
L0030647		0	0.22028E-04	443385.5	3770149.8	270.0	0.00	
8.74	2.72	YES						
L0030648		0	0.22028E-04	443370.1	3770160.5	270.0	0.00	
8.74	2.72	YES						
L0030649		0	0.22028E-04	443354.7	3770171.3	270.0	0.00	
8.74	2.72	YES						
L0030650		0	0.22028E-04	443339.3	3770182.1	270.0	0.00	
8.74	2.72	YES						

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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030651	0	0.22028E-04	443323.9	3770192.9	270.0	0.00	8.74	2.72	YES
L0030652	0	0.22028E-04	443308.5	3770203.7	270.0	0.00	8.74	2.72	YES
L0030653	0	0.22028E-04	443293.1	3770214.5	270.0	0.00	8.74	2.72	YES
L0030654	0	0.22028E-04	443277.7	3770225.2	270.0	0.00	8.74	2.72	YES
L0030655	0	0.22028E-04	443262.3	3770236.0	270.0	0.00	8.74	2.72	YES
L0030656	0	0.22028E-04	443246.9	3770246.8	270.0	0.00	8.74	2.72	YES
L0030657	0	0.22028E-04	443231.5	3770257.6	270.0	0.00	8.74	2.72	YES
L0030658	0	0.22028E-04	443216.1	3770268.4	270.0	0.00	8.74	2.72	YES
L0030659	0	0.22028E-04	443200.7	3770279.1	270.0	0.00	8.74	2.72	YES
L0030660	0	0.22028E-04	443185.3	3770289.9	270.0	0.00	8.74	2.72	YES
L0030661	0	0.22028E-04	443169.9	3770300.7	270.0	0.00	8.74	2.72	YES
L0030662	0	0.22028E-04	443154.5	3770311.5	270.0	0.00	8.74	2.72	YES
L0030663	0	0.22028E-04	443139.0	3770322.3	270.0	0.00	8.74	2.72	YES
L0030664	0	0.22028E-04	443123.6	3770333.0	270.0	0.00	8.74	2.72	YES
L0030665	0	0.22028E-04	443108.2	3770343.8	270.0	0.00	8.74	2.72	YES
L0030666	0	0.22028E-04	443092.8	3770354.6	270.0	0.00	8.74	2.72	YES

L0030667		0	0.22028E-04	443077.4	3770365.4	270.0	0.00	
8.74	2.72	YES						
L0030668		0	0.22028E-04	443062.0	3770376.2	270.0	0.00	
8.74	2.72	YES						
L0030669		0	0.22028E-04	443046.6	3770386.9	270.0	0.00	
8.74	2.72	YES						
L0030670		0	0.22028E-04	443031.2	3770397.7	270.0	0.00	
8.74	2.72	YES						
L0030671		0	0.22028E-04	443015.8	3770408.5	270.0	0.00	
8.74	2.72	YES						
L0030672		0	0.22028E-04	443000.4	3770419.3	270.0	0.00	
8.74	2.72	YES						
L0030673		0	0.22028E-04	442985.0	3770430.1	270.0	0.00	
8.74	2.72	YES						
L0030674		0	0.22128E-04	443012.0	3770445.2	270.0	0.00	
8.74	2.72	YES						
L0030675		0	0.22128E-04	443027.3	3770434.2	270.0	0.00	
8.74	2.72	YES						
L0030676		0	0.22128E-04	443042.6	3770423.3	270.0	0.00	
8.74	2.72	YES						
L0030677		0	0.22128E-04	443057.9	3770412.4	270.0	0.00	
8.74	2.72	YES						
L0030678		0	0.22128E-04	443073.2	3770401.4	270.0	0.00	
8.74	2.72	YES						
L0030679		0	0.22128E-04	443088.4	3770390.5	270.0	0.00	
8.74	2.72	YES						
L0030680		0	0.22128E-04	443103.7	3770379.5	270.0	0.00	
8.74	2.72	YES						
L0030681		0	0.22128E-04	443119.0	3770368.6	270.0	0.00	
8.74	2.72	YES						
L0030682		0	0.22128E-04	443134.3	3770357.6	270.0	0.00	
8.74	2.72	YES						
L0030683		0	0.22128E-04	443149.6	3770346.7	270.0	0.00	
8.74	2.72	YES						
L0030684		0	0.22128E-04	443164.9	3770335.7	270.0	0.00	
8.74	2.72	YES						
L0030685		0	0.22128E-04	443180.1	3770324.8	270.0	0.00	
8.74	2.72	YES						
L0030686		0	0.22128E-04	443195.5	3770313.9	270.0	0.00	
8.74	2.72	YES						
L0030687		0	0.22128E-04	443210.9	3770303.1	270.0	0.00	
8.74	2.72	YES						
L0030688		0	0.22128E-04	443226.2	3770292.3	270.0	0.00	
8.74	2.72	YES						
L0030689		0	0.22128E-04	443241.6	3770281.4	270.0	0.00	
8.74	2.72	YES						
L0030690		0	0.22128E-04	443257.0	3770270.6	270.0	0.00	
8.74	2.72	YES						

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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030691	0	0.22128E-04	443272.3	3770259.8	270.0	0.00	8.74	2.72	YES
L0030692	0	0.22128E-04	443287.7	3770248.9	270.0	0.00	8.74	2.72	YES
L0030693	0	0.22128E-04	443303.0	3770238.0	270.0	0.00	8.74	2.72	YES
L0030694	0	0.22128E-04	443318.2	3770226.9	270.0	0.00	8.74	2.72	YES
L0030695	0	0.22128E-04	443333.3	3770215.8	270.0	0.00	8.74	2.72	YES
L0030696	0	0.22128E-04	443348.5	3770204.7	270.0	0.00	8.74	2.72	YES
L0030697	0	0.22128E-04	443363.7	3770193.6	270.0	0.00	8.74	2.72	YES
L0030698	0	0.22128E-04	443378.9	3770182.5	270.0	0.00	8.74	2.72	YES
L0030699	0	0.22128E-04	443394.0	3770171.4	270.0	0.00	8.74	2.72	YES
L0030700	0	0.22128E-04	443409.2	3770160.3	270.0	0.00	8.74	2.72	YES
L0030701	0	0.22128E-04	443424.4	3770149.2	270.0	0.00	8.74	2.72	YES
L0030702	0	0.22128E-04	443439.6	3770138.1	270.0	0.00	8.74	2.72	YES
L0030703	0	0.22128E-04	443454.8	3770127.0	270.0	0.00	8.74	2.72	YES
L0030704	0	0.22128E-04	443469.9	3770115.9	270.0	0.00	8.74	2.72	YES
L0030705	0	0.22128E-04	443485.1	3770104.8	270.0	0.00	8.74	2.72	YES
L0030706	0	0.22128E-04	443500.3	3770093.8	270.0	0.00	8.74	2.72	YES

L0030707		0	0.22128E-04	443515.5	3770082.7	270.0	0.00	
8.74	2.72	YES						
L0030708		0	0.22128E-04	443530.6	3770071.6	270.0	0.00	
8.74	2.72	YES						
L0030709		0	0.22128E-04	443545.8	3770060.5	270.0	0.00	
8.74	2.72	YES						
L0030710		0	0.22128E-04	443561.0	3770049.4	270.0	0.00	
8.74	2.72	YES						
L0030711		0	0.22128E-04	443576.2	3770038.3	270.0	0.00	
8.74	2.72	YES						
L0030712		0	0.22128E-04	443591.3	3770027.2	270.0	0.00	
8.74	2.72	YES						
L0030713		0	0.22128E-04	443606.5	3770016.1	270.0	0.00	
8.74	2.72	YES						
L0030714		0	0.22128E-04	443621.7	3770005.0	270.0	0.00	
8.74	2.72	YES						
L0030715		0	0.22128E-04	443637.1	3769994.2	270.0	0.00	
8.74	2.72	YES						
L0030716		0	0.22128E-04	443653.3	3769984.7	270.0	0.00	
8.74	2.72	YES						
L0030717		0	0.22128E-04	443669.5	3769975.2	270.0	0.00	
8.74	2.72	YES						
L0030718		0	0.22128E-04	443685.7	3769965.7	270.0	0.00	
8.74	2.72	YES						
L0030719		0	0.22128E-04	443701.9	3769956.1	270.0	0.00	
8.74	2.72	YES						
L0030720		0	0.22128E-04	443718.1	3769946.6	270.0	0.00	
8.74	2.72	YES						
L0030721		0	0.22128E-04	443734.4	3769937.3	270.0	0.00	
8.74	2.72	YES						
L0030722		0	0.22128E-04	443750.8	3769928.0	270.0	0.00	
8.74	2.72	YES						
L0030723		0	0.22128E-04	443767.2	3769918.8	270.0	0.00	
8.74	2.72	YES						
L0030724		0	0.22128E-04	443783.5	3769909.5	270.0	0.00	
8.74	2.72	YES						
L0030725		0	0.22128E-04	443799.9	3769900.2	270.0	0.00	
8.74	2.72	YES						
L0030726		0	0.22128E-04	443816.3	3769891.0	270.0	0.00	
8.74	2.72	YES						
L0030727		0	0.22128E-04	443832.6	3769881.7	270.0	0.00	
8.74	2.72	YES						
L0030728		0	0.22128E-04	443849.2	3769872.9	270.0	0.00	
8.74	2.72	YES						
L0030729		0	0.22128E-04	443866.3	3769865.0	270.0	0.00	
8.74	2.72	YES						
L0030730		0	0.22128E-04	443883.4	3769857.1	270.0	0.00	
8.74	2.72	YES						

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*** VOLUME SOURCE DATA ***

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L0030731	0	0.22128E-04	443900.4	3769849.3	270.0	0.00	8.74	2.72	YES
L0030732	0	0.22128E-04	443917.5	3769841.4	270.0	0.00	8.74	2.72	YES
L0030733	0	0.22128E-04	443934.6	3769833.5	270.0	0.00	8.74	2.72	YES
L0030734	0	0.22128E-04	443951.6	3769825.7	270.0	0.00	8.74	2.72	YES
L0030735	0	0.22128E-04	443968.7	3769817.8	270.0	0.00	8.74	2.72	YES
L0030736	0	0.22128E-04	443985.8	3769809.9	270.0	0.00	8.74	2.72	YES
L0030737	0	0.22128E-04	444002.9	3769802.0	270.0	0.00	8.74	2.72	YES
L0030738	0	0.22128E-04	444020.0	3769794.2	270.0	0.00	8.74	2.72	YES
L0030739	0	0.22128E-04	444038.1	3769789.3	270.0	0.00	8.74	2.72	YES
L0030740	0	0.22128E-04	444056.3	3769784.5	270.0	0.00	8.74	2.72	YES
L0030741	0	0.22128E-04	444074.4	3769779.6	270.0	0.00	8.74	2.72	YES
L0030742	0	0.22128E-04	444092.6	3769774.7	270.0	0.00	8.74	2.72	YES
L0030743	0	0.22128E-04	444110.7	3769769.8	270.0	0.00	8.74	2.72	YES
L0030744	0	0.22128E-04	444128.9	3769764.9	270.0	0.00	8.74	2.72	YES
L0030745	0	0.22128E-04	444147.0	3769760.0	270.0	0.00	8.74	2.72	YES
L0030746	0	0.22128E-04	444165.2	3769755.1	270.0	0.00	8.74	2.72	YES

L0030747		0	0.22128E-04	444183.3	3769750.2	270.0	0.00	
8.74	2.72	YES						
L0030748		0	0.22128E-04	444201.5	3769745.3	270.0	0.00	
8.74	2.72	YES						
L0030749		0	0.22128E-04	444219.6	3769740.4	270.0	0.00	
8.74	2.72	YES						
L0030750		0	0.22128E-04	444237.8	3769735.5	270.0	0.00	
8.74	2.72	YES						
L0030751		0	0.22128E-04	444255.9	3769730.6	270.0	0.00	
8.74	2.72	YES						
L0030752		0	0.22128E-04	444274.1	3769725.7	270.0	0.00	
8.74	2.72	YES						
L0030753		0	0.22128E-04	444292.2	3769720.8	270.0	0.00	
8.74	2.72	YES						
L0030754		0	0.22128E-04	444310.4	3769715.9	270.0	0.00	
8.74	2.72	YES						
L0030755		0	0.22128E-04	444328.6	3769711.2	270.0	0.00	
8.74	2.72	YES						
L0030756		0	0.22128E-04	444347.2	3769708.7	270.0	0.00	
8.74	2.72	YES						
L0030757		0	0.22128E-04	444365.8	3769706.1	270.0	0.00	
8.74	2.72	YES						
L0030758		0	0.22128E-04	444384.5	3769703.6	270.0	0.00	
8.74	2.72	YES						
L0030759		0	0.22128E-04	444403.1	3769701.1	270.0	0.00	
8.74	2.72	YES						
L0030760		0	0.22128E-04	444421.7	3769698.6	270.0	0.00	
8.74	2.72	YES						
L0030761		0	0.22128E-04	444440.3	3769696.0	270.0	0.00	
8.74	2.72	YES						
L0030762		0	0.22128E-04	444459.0	3769693.5	270.0	0.00	
8.74	2.72	YES						
L0030763		0	0.22128E-04	444477.6	3769691.0	270.0	0.00	
8.74	2.72	YES						
L0030764		0	0.22128E-04	444496.2	3769688.4	270.0	0.00	
8.74	2.72	YES						
L0030765		0	0.22128E-04	444514.9	3769685.9	270.0	0.00	
8.74	2.72	YES						
L0030766		0	0.22128E-04	444533.5	3769683.4	270.0	0.00	
8.74	2.72	YES						
L0030767		0	0.22128E-04	444552.1	3769680.9	270.0	0.00	
8.74	2.72	YES						
L0030768		0	0.22128E-04	444570.8	3769678.4	270.0	0.00	
8.74	2.72	YES						
L0030769		0	0.22128E-04	444589.5	3769676.7	270.0	0.00	
8.74	2.72	YES						
L0030770		0	0.22128E-04	444608.2	3769675.0	270.0	0.00	
8.74	2.72	YES						

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L0030771	0	0.22128E-04	444626.9	3769673.4	270.0	0.00	8.74	2.72	YES
L0030772	0	0.22128E-04	444645.7	3769671.7	270.0	0.00	8.74	2.72	YES
L0030773	0	0.22128E-04	444664.4	3769670.0	270.0	0.00	8.74	2.72	YES
L0030774	0	0.22128E-04	444683.1	3769668.3	270.0	0.00	8.74	2.72	YES
L0030775	0	0.22128E-04	444701.8	3769666.7	270.0	0.00	8.74	2.72	YES
L0030776	0	0.22128E-04	444720.6	3769665.0	270.0	0.00	8.74	2.72	YES
L0030777	0	0.22128E-04	444739.3	3769663.3	270.0	0.00	8.74	2.72	YES
L0030778	0	0.22128E-04	444758.0	3769661.9	270.0	0.00	8.74	2.72	YES
L0030779	0	0.22128E-04	444776.8	3769660.5	270.0	0.00	8.74	2.72	YES
L0030780	0	0.22128E-04	444795.5	3769659.2	270.0	0.00	8.74	2.72	YES
L0030781	0	0.22128E-04	444814.3	3769657.8	270.0	0.00	8.74	2.72	YES
L0030782	0	0.22128E-04	444833.0	3769656.5	270.0	0.00	8.74	2.72	YES
L0030783	0	0.22128E-04	444851.8	3769654.8	270.0	0.00	8.74	2.72	YES
L0030784	0	0.22128E-04	444870.4	3769652.5	270.0	0.00	8.74	2.72	YES
L0030785	0	0.22128E-04	444889.1	3769650.1	270.0	0.00	8.74	2.72	YES
L0030786	0	0.22128E-04	444907.7	3769647.7	270.0	0.00	8.74	2.72	YES

L0030787		0	0.22128E-04	444926.3	3769645.3	270.0	0.00	
8.74	2.72	YES						
L0030788		0	0.22128E-04	444945.0	3769642.9	270.0	0.00	
8.74	2.72	YES						
L0030789		0	0.22128E-04	444963.6	3769640.6	270.0	0.00	
8.74	2.72	YES						
L0030790		0	0.22128E-04	444982.3	3769638.2	270.0	0.00	
8.74	2.72	YES						
L0030791		0	0.22128E-04	445001.0	3769636.7	270.0	0.00	
8.74	2.72	YES						
L0030792		0	0.22128E-04	445019.8	3769635.4	270.0	0.00	
8.74	2.72	YES						
L0030793		0	0.22128E-04	445038.5	3769634.2	270.0	0.00	
8.74	2.72	YES						
L0030794		0	0.22128E-04	445057.3	3769632.9	270.0	0.00	
8.74	2.72	YES						
L0030795		0	0.22128E-04	445076.1	3769631.6	270.0	0.00	
8.74	2.72	YES						
L0030796		0	0.22128E-04	445094.8	3769630.4	270.0	0.00	
8.74	2.72	YES						
L0030797		0	0.22128E-04	445113.6	3769629.1	270.0	0.00	
8.74	2.72	YES						
L0030798		0	0.22128E-04	445132.3	3769627.9	270.0	0.00	
8.74	2.72	YES						
L0030799		0	0.22128E-04	445151.1	3769627.4	270.0	0.00	
8.74	2.72	YES						
L0030800		0	0.22128E-04	445169.9	3769627.0	270.0	0.00	
8.74	2.72	YES						
L0030801		0	0.22128E-04	445188.7	3769626.6	270.0	0.00	
8.74	2.72	YES						
L0030802		0	0.22128E-04	445207.5	3769626.2	270.0	0.00	
8.74	2.72	YES						
L0030803		0	0.22128E-04	445226.3	3769625.8	270.0	0.00	
8.74	2.72	YES						
L0030804		0	0.22128E-04	445245.1	3769625.5	270.0	0.00	
8.74	2.72	YES						
L0030805		0	0.22128E-04	445263.9	3769625.4	270.0	0.00	
8.74	2.72	YES						
L0030806		0	0.22128E-04	445282.7	3769625.3	270.0	0.00	
8.74	2.72	YES						
L0030807		0	0.22128E-04	445301.5	3769625.2	270.0	0.00	
8.74	2.72	YES						
L0030808		0	0.22128E-04	445320.3	3769625.0	270.0	0.00	
8.74	2.72	YES						
L0030809		0	0.22128E-04	445339.1	3769624.9	270.0	0.00	
8.74	2.72	YES						
L0030810		0	0.22128E-04	445357.9	3769624.8	270.0	0.00	
8.74	2.72	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030811	0	0.22128E-04	445376.7	3769624.7	270.0	0.00	8.74	2.72	YES
L0030812	0	0.22128E-04	445395.5	3769624.6	270.0	0.00	8.74	2.72	YES
L0030813	0	0.22128E-04	445414.3	3769624.4	270.0	0.00	8.74	2.72	YES
L0030814	0	0.22128E-04	445433.1	3769624.3	270.0	0.00	8.74	2.72	YES
L0030815	0	0.36710E-05	443697.5	3769892.2	270.0	0.00	4.19	2.38	YES
L0030816	0	0.36710E-05	443705.8	3769888.7	270.0	0.00	4.19	2.38	YES
L0030817	0	0.36710E-05	443714.1	3769885.1	270.0	0.00	4.19	2.38	YES
L0030818	0	0.36710E-05	443722.3	3769881.6	270.0	0.00	4.19	2.38	YES
L0030819	0	0.36710E-05	443730.6	3769878.1	270.0	0.00	4.19	2.38	YES
L0030820	0	0.36710E-05	443738.9	3769874.6	270.0	0.00	4.19	2.38	YES
L0030821	0	0.36710E-05	443747.2	3769871.1	270.0	0.00	4.19	2.38	YES
L0030822	0	0.36710E-05	443755.5	3769867.6	270.0	0.00	4.19	2.38	YES
L0030823	0	0.36710E-05	443763.8	3769864.0	270.0	0.00	4.19	2.38	YES
L0030824	0	0.36710E-05	443772.1	3769860.5	270.0	0.00	4.19	2.38	YES
L0030825	0	0.36710E-05	443780.3	3769857.0	270.0	0.00	4.19	2.38	YES
L0030826	0	0.36710E-05	443788.6	3769853.5	270.0	0.00	4.19	2.38	YES

L0030827		0	0.36710E-05	443796.9	3769850.0	270.0	0.00	
4.19	2.38	YES						
L0030828		0	0.36710E-05	443805.2	3769846.4	270.0	0.00	
4.19	2.38	YES						
L0030829		0	0.36710E-05	443813.5	3769842.9	270.0	0.00	
4.19	2.38	YES						
L0030830		0	0.36710E-05	443821.8	3769839.4	270.0	0.00	
4.19	2.38	YES						
L0030831		0	0.36710E-05	443829.9	3769835.7	270.0	0.00	
4.19	2.38	YES						
L0030832		0	0.36710E-05	443837.8	3769831.3	270.0	0.00	
4.19	2.38	YES						
L0030833		0	0.36710E-05	443845.7	3769827.0	270.0	0.00	
4.19	2.38	YES						
L0030834		0	0.36710E-05	443853.6	3769822.6	270.0	0.00	
4.19	2.38	YES						
L0030835		0	0.36710E-05	443861.5	3769818.3	270.0	0.00	
4.19	2.38	YES						
L0030836		0	0.36710E-05	443869.3	3769813.9	270.0	0.00	
4.19	2.38	YES						
L0030837		0	0.36710E-05	443877.2	3769809.6	270.0	0.00	
4.19	2.38	YES						
L0030838		0	0.36710E-05	443885.1	3769805.2	270.0	0.00	
4.19	2.38	YES						
L0030839		0	0.36710E-05	443893.2	3769801.3	270.0	0.00	
4.19	2.38	YES						
L0030840		0	0.36710E-05	443901.7	3769798.6	270.0	0.00	
4.19	2.38	YES						
L0030841		0	0.36710E-05	443910.3	3769795.8	270.0	0.00	
4.19	2.38	YES						
L0030842		0	0.36710E-05	443918.9	3769793.1	270.0	0.00	
4.19	2.38	YES						
L0030843		0	0.36710E-05	443927.4	3769790.3	270.0	0.00	
4.19	2.38	YES						
L0030844		0	0.36710E-05	443936.0	3769787.6	270.0	0.00	
4.19	2.38	YES						
L0030845		0	0.36710E-05	443944.6	3769784.8	270.0	0.00	
4.19	2.38	YES						
L0030846		0	0.36710E-05	443953.1	3769782.1	270.0	0.00	
4.19	2.38	YES						
L0030847		0	0.36710E-05	443961.7	3769779.3	270.0	0.00	
4.19	2.38	YES						
L0030848		0	0.36710E-05	443970.3	3769776.6	270.0	0.00	
4.19	2.38	YES						
L0030849		0	0.36710E-05	443978.9	3769773.8	270.0	0.00	
4.19	2.38	YES						
L0030850		0	0.36710E-05	443987.4	3769771.1	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0030851	0	0.36710E-05	443996.0	3769768.3	270.0	0.00	4.19	2.38	YES
L0030852	0	0.36710E-05	444004.6	3769765.6	270.0	0.00	4.19	2.38	YES
L0030853	0	0.36710E-05	444013.1	3769762.8	270.0	0.00	4.19	2.38	YES
L0030854	0	0.36710E-05	444021.7	3769760.1	270.0	0.00	4.19	2.38	YES
L0030855	0	0.36710E-05	444030.3	3769757.3	270.0	0.00	4.19	2.38	YES
L0030856	0	0.36710E-05	444038.8	3769754.6	270.0	0.00	4.19	2.38	YES
L0030857	0	0.36710E-05	444047.4	3769751.8	270.0	0.00	4.19	2.38	YES
L0030858	0	0.36710E-05	444056.0	3769749.1	270.0	0.00	4.19	2.38	YES
L0030859	0	0.36710E-05	444064.6	3769746.3	270.0	0.00	4.19	2.38	YES
L0030860	0	0.36710E-05	444073.1	3769743.6	270.0	0.00	4.19	2.38	YES
L0030861	0	0.36710E-05	444081.7	3769740.8	270.0	0.00	4.19	2.38	YES
L0030862	0	0.36710E-05	444090.3	3769738.1	270.0	0.00	4.19	2.38	YES
L0030863	0	0.36710E-05	444098.8	3769735.4	270.0	0.00	4.19	2.38	YES
L0030864	0	0.36710E-05	444107.4	3769732.6	270.0	0.00	4.19	2.38	YES
L0030865	0	0.36710E-05	444116.0	3769729.9	270.0	0.00	4.19	2.38	YES
L0030866	0	0.36710E-05	444124.5	3769727.1	270.0	0.00	4.19	2.38	YES

L0030867		0	0.36710E-05	444133.1	3769724.4	270.0	0.00	
4.19	2.38	YES						
L0030868		0	0.36710E-05	444141.7	3769721.6	270.0	0.00	
4.19	2.38	YES						
L0030869		0	0.36710E-05	444150.3	3769718.9	270.0	0.00	
4.19	2.38	YES						
L0030870		0	0.36710E-05	444158.8	3769716.1	270.0	0.00	
4.19	2.38	YES						
L0030871		0	0.36710E-05	444167.4	3769713.4	270.0	0.00	
4.19	2.38	YES						
L0030872		0	0.36710E-05	444176.0	3769710.6	270.0	0.00	
4.19	2.38	YES						
L0030873		0	0.36710E-05	444184.5	3769707.9	270.0	0.00	
4.19	2.38	YES						
L0030874		0	0.36710E-05	444193.1	3769705.1	270.0	0.00	
4.19	2.38	YES						
L0030875		0	0.36710E-05	444201.7	3769702.5	270.0	0.00	
4.19	2.38	YES						
L0030876		0	0.36710E-05	444210.4	3769700.1	270.0	0.00	
4.19	2.38	YES						
L0030877		0	0.36710E-05	444219.1	3769697.7	270.0	0.00	
4.19	2.38	YES						
L0030878		0	0.36710E-05	444227.7	3769695.2	270.0	0.00	
4.19	2.38	YES						
L0030879		0	0.36710E-05	444236.4	3769692.8	270.0	0.00	
4.19	2.38	YES						
L0030880		0	0.36710E-05	444245.0	3769690.3	270.0	0.00	
4.19	2.38	YES						
L0030881		0	0.36710E-05	444253.7	3769687.9	270.0	0.00	
4.19	2.38	YES						
L0030882		0	0.36710E-05	444262.4	3769685.5	270.0	0.00	
4.19	2.38	YES						
L0030883		0	0.36710E-05	444271.0	3769683.0	270.0	0.00	
4.19	2.38	YES						
L0030884		0	0.36710E-05	444279.7	3769680.6	270.0	0.00	
4.19	2.38	YES						
L0030885		0	0.36710E-05	444288.4	3769678.2	270.0	0.00	
4.19	2.38	YES						
L0030886		0	0.36710E-05	444297.0	3769675.7	270.0	0.00	
4.19	2.38	YES						
L0030887		0	0.36710E-05	444305.7	3769673.3	270.0	0.00	
4.19	2.38	YES						
L0030888		0	0.36710E-05	444314.4	3769670.8	270.0	0.00	
4.19	2.38	YES						
L0030889		0	0.36710E-05	444323.0	3769668.4	270.0	0.00	
4.19	2.38	YES						
L0030890		0	0.36710E-05	444331.7	3769666.0	270.0	0.00	
4.19	2.38	YES						

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*** VOLUME SOURCE DATA ***

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L0030891	0	0.36710E-05	444340.3	3769663.5	270.0	0.00	4.19	2.38	YES
L0030892	0	0.36710E-05	444349.0	3769661.1	270.0	0.00	4.19	2.38	YES
L0030893	0	0.36710E-05	444357.7	3769658.7	270.0	0.00	4.19	2.38	YES
L0031037	0	0.20857E-04	443438.2	3770102.8	270.0	0.00	4.19	2.38	YES
L0031038	0	0.20857E-04	443445.1	3770097.0	270.0	0.00	4.19	2.38	YES
L0031039	0	0.20857E-04	443451.9	3770091.2	270.0	0.00	4.19	2.38	YES
L0031040	0	0.20857E-04	443458.8	3770085.5	270.0	0.00	4.19	2.38	YES
L0031041	0	0.20857E-04	443465.7	3770079.7	270.0	0.00	4.19	2.38	YES
L0031042	0	0.20857E-04	443472.6	3770073.9	270.0	0.00	4.19	2.38	YES
L0031043	0	0.20857E-04	443479.5	3770068.1	270.0	0.00	4.19	2.38	YES
L0031044	0	0.20857E-04	443486.4	3770062.3	270.0	0.00	4.19	2.38	YES
L0031045	0	0.20857E-04	443493.3	3770056.5	270.0	0.00	4.19	2.38	YES
L0031046	0	0.20857E-04	443500.1	3770050.7	270.0	0.00	4.19	2.38	YES
L0031047	0	0.20857E-04	443507.0	3770044.9	270.0	0.00	4.19	2.38	YES
L0031048	0	0.20857E-04	443513.9	3770039.1	270.0	0.00	4.19	2.38	YES
L0031049	0	0.20857E-04	443520.3	3770032.7	270.0	0.00	4.19	2.38	YES

L0031050		0	0.20857E-04	443526.6	3770026.4	270.0	0.00	
4.19	2.38	YES						
L0031051		0	0.20857E-04	443533.0	3770020.0	270.0	0.00	
4.19	2.38	YES						
L0031052		0	0.20857E-04	443539.4	3770013.6	270.0	0.00	
4.19	2.38	YES						
L0031053		0	0.20857E-04	443545.8	3770007.3	270.0	0.00	
4.19	2.38	YES						
L0031054		0	0.20857E-04	443552.1	3770000.9	270.0	0.00	
4.19	2.38	YES						
L0031055		0	0.20857E-04	443558.5	3769994.6	270.0	0.00	
4.19	2.38	YES						
L0031056		0	0.20857E-04	443564.9	3769988.3	270.0	0.00	
4.19	2.38	YES						
L0031057		0	0.20857E-04	443571.5	3769982.1	270.0	0.00	
4.19	2.38	YES						
L0031058		0	0.20857E-04	443578.0	3769975.9	270.0	0.00	
4.19	2.38	YES						
L0031059		0	0.20857E-04	443584.6	3769969.8	270.0	0.00	
4.19	2.38	YES						
L0031060		0	0.20857E-04	443591.1	3769963.6	270.0	0.00	
4.19	2.38	YES						
L0031061		0	0.20857E-04	443597.6	3769957.4	270.0	0.00	
4.19	2.38	YES						
L0031062		0	0.20857E-04	443604.2	3769951.2	270.0	0.00	
4.19	2.38	YES						
L0031063		0	0.20857E-04	443611.0	3769945.4	270.0	0.00	
4.19	2.38	YES						
L0031064		0	0.20857E-04	443617.9	3769939.5	270.0	0.00	
4.19	2.38	YES						
L0031065		0	0.20857E-04	443624.7	3769933.6	270.0	0.00	
4.19	2.38	YES						
L0031066		0	0.20857E-04	443631.9	3769928.3	270.0	0.00	
4.19	2.38	YES						
L0031067		0	0.20857E-04	443640.0	3769924.4	270.0	0.00	
4.19	2.38	YES						
L0031068		0	0.20857E-04	443648.1	3769920.5	270.0	0.00	
4.19	2.38	YES						
L0031069		0	0.20857E-04	443656.2	3769916.6	270.0	0.00	
4.19	2.38	YES						
L0031070		0	0.20857E-04	443664.3	3769912.7	270.0	0.00	
4.19	2.38	YES						
L0031071		0	0.20857E-04	443672.5	3769908.9	270.0	0.00	
4.19	2.38	YES						
L0031072		0	0.30770E-05	443741.2	3770047.3	270.0	0.00	
4.19	2.38	YES						
L0031073		0	0.30770E-05	443749.9	3770044.8	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN
L0031074	0	0.30770E-05	443758.5	3770042.3	270.0	0.00	4.19	2.38	YES
L0031075	0	0.30770E-05	443767.2	3770039.8	270.0	0.00	4.19	2.38	YES
L0031076	0	0.30770E-05	443775.8	3770037.4	270.0	0.00	4.19	2.38	YES
L0031077	0	0.30770E-05	443784.5	3770034.9	270.0	0.00	4.19	2.38	YES
L0031078	0	0.30770E-05	443793.1	3770032.4	270.0	0.00	4.19	2.38	YES
L0031079	0	0.30770E-05	443801.7	3770029.9	270.0	0.00	4.19	2.38	YES
L0031080	0	0.30770E-05	443810.4	3770027.4	270.0	0.00	4.19	2.38	YES
L0031081	0	0.30770E-05	443817.9	3770022.8	270.0	0.00	4.19	2.38	YES
L0031082	0	0.30770E-05	443824.9	3770017.1	270.0	0.00	4.19	2.38	YES
L0031083	0	0.30770E-05	443831.9	3770011.4	270.0	0.00	4.19	2.38	YES
L0031084	0	0.30770E-05	443838.9	3770005.7	270.0	0.00	4.19	2.38	YES
L0031085	0	0.30770E-05	443845.1	3769999.5	270.0	0.00	4.19	2.38	YES
L0031086	0	0.30770E-05	443849.4	3769991.5	270.0	0.00	4.19	2.38	YES
L0031087	0	0.30770E-05	443853.6	3769983.6	270.0	0.00	4.19	2.38	YES
L0031088	0	0.30770E-05	443857.8	3769975.6	270.0	0.00	4.19	2.38	YES
L0031089	0	0.30770E-05	443858.9	3769967.2	270.0	0.00	4.19	2.38	YES

L0031090		0	0.30770E-05	443857.1	3769958.4	270.0	0.00	
4.19	2.38	YES						
L0031091		0	0.30770E-05	443855.4	3769949.6	270.0	0.00	
4.19	2.38	YES						
L0031092		0	0.30770E-05	443850.4	3769942.4	270.0	0.00	
4.19	2.38	YES						
L0031093		0	0.30770E-05	443844.1	3769936.1	270.0	0.00	
4.19	2.38	YES						
L0031094		0	0.30770E-05	443837.7	3769929.7	270.0	0.00	
4.19	2.38	YES						
L0031095		0	0.30770E-05	443829.2	3769927.4	270.0	0.00	
4.19	2.38	YES						
L0031096		0	0.30770E-05	443820.4	3769925.9	270.0	0.00	
4.19	2.38	YES						
L0031097		0	0.30770E-05	443811.7	3769927.7	270.0	0.00	
4.19	2.38	YES						
L0031098		0	0.30770E-05	443803.1	3769930.4	270.0	0.00	
4.19	2.38	YES						
L0031099		0	0.30770E-05	443794.5	3769933.0	270.0	0.00	
4.19	2.38	YES						
L0031100		0	0.30770E-05	443786.1	3769936.2	270.0	0.00	
4.19	2.38	YES						
L0031101		0	0.30770E-05	443778.0	3769940.1	270.0	0.00	
4.19	2.38	YES						
L0031102		0	0.30770E-05	443769.9	3769944.0	270.0	0.00	
4.19	2.38	YES						
L0031103		0	0.30770E-05	443761.8	3769947.9	270.0	0.00	
4.19	2.38	YES						
L0031104		0	0.30770E-05	443753.7	3769951.8	270.0	0.00	
4.19	2.38	YES						
L0031105		0	0.30770E-05	443745.5	3769955.7	270.0	0.00	
4.19	2.38	YES						
L0031106		0	0.30770E-05	443737.4	3769959.6	270.0	0.00	
4.19	2.38	YES						
L0031107		0	0.30770E-05	443729.3	3769963.5	270.0	0.00	
4.19	2.38	YES						
L0031108		0	0.30770E-05	443721.2	3769967.4	270.0	0.00	
4.19	2.38	YES						
L0031109		0	0.30770E-05	443713.1	3769971.3	270.0	0.00	
4.19	2.38	YES						
L0031110		0	0.30770E-05	443705.0	3769975.2	270.0	0.00	
4.19	2.38	YES						
L0031111		0	0.30770E-05	443697.0	3769979.3	270.0	0.00	
4.19	2.38	YES						
L0031112		0	0.30770E-05	443689.4	3769984.1	270.0	0.00	
4.19	2.38	YES						
L0031113		0	0.30770E-05	443681.7	3769988.8	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0031114	0	0.30770E-05	443674.1	3769993.6	270.0	0.00	4.19	2.38	YES
L0031115	0	0.30770E-05	443666.5	3769998.4	270.0	0.00	4.19	2.38	YES
L0031116	0	0.30770E-05	443658.9	3770003.2	270.0	0.00	4.19	2.38	YES
L0031117	0	0.30770E-05	443651.2	3770008.0	270.0	0.00	4.19	2.38	YES
L0031118	0	0.30770E-05	443643.6	3770012.8	270.0	0.00	4.19	2.38	YES
L0031119	0	0.30770E-05	443636.0	3770017.5	270.0	0.00	4.19	2.38	YES
L0031120	0	0.30770E-05	443628.4	3770022.3	270.0	0.00	4.19	2.38	YES
L0031121	0	0.30770E-05	443620.7	3770027.1	270.0	0.00	4.19	2.38	YES
L0031122	0	0.30770E-05	443613.1	3770031.9	270.0	0.00	4.19	2.38	YES
L0031123	0	0.30770E-05	443605.5	3770036.7	270.0	0.00	4.19	2.38	YES
L0031124	0	0.32140E-05	443691.2	3770111.8	270.0	0.00	4.19	2.38	YES
L0031125	0	0.32140E-05	443688.5	3770103.2	270.0	0.00	4.19	2.38	YES
L0031126	0	0.32140E-05	443685.8	3770094.6	270.0	0.00	4.19	2.38	YES
L0031127	0	0.32140E-05	443682.8	3770086.1	270.0	0.00	4.19	2.38	YES
L0031128	0	0.32140E-05	443679.7	3770077.7	270.0	0.00	4.19	2.38	YES
L0031129	0	0.32140E-05	443675.3	3770070.0	270.0	0.00	4.19	2.38	YES

L0031130		0	0.32140E-05	443669.0	3770063.6	270.0	0.00	
4.19	2.38	YES						
L0031131		0	0.32140E-05	443662.7	3770057.1	270.0	0.00	
4.19	2.38	YES						
L0031132		0	0.32140E-05	443654.8	3770053.1	270.0	0.00	
4.19	2.38	YES						
L0031133		0	0.32140E-05	443646.5	3770049.6	270.0	0.00	
4.19	2.38	YES						
L0031134		0	0.32140E-05	443637.8	3770047.4	270.0	0.00	
4.19	2.38	YES						
L0031135		0	0.32140E-05	443629.1	3770045.3	270.0	0.00	
4.19	2.38	YES						
L0031136		0	0.32140E-05	443620.2	3770045.3	270.0	0.00	
4.19	2.38	YES						
L0031137		0	0.32140E-05	443611.4	3770046.9	270.0	0.00	
4.19	2.38	YES						
L0031138		0	0.32140E-05	443602.9	3770049.6	270.0	0.00	
4.19	2.38	YES						
L0031139		0	0.32140E-05	443594.9	3770053.7	270.0	0.00	
4.19	2.38	YES						
L0031140		0	0.32140E-05	443586.7	3770057.5	270.0	0.00	
4.19	2.38	YES						
L0031141		0	0.32140E-05	443578.5	3770061.2	270.0	0.00	
4.19	2.38	YES						
L0031142		0	0.32140E-05	443570.7	3770065.6	270.0	0.00	
4.19	2.38	YES						
L0031143		0	0.32140E-05	443563.0	3770070.2	270.0	0.00	
4.19	2.38	YES						
L0031144		0	0.32140E-05	443555.2	3770074.8	270.0	0.00	
4.19	2.38	YES						
L0031145		0	0.32140E-05	443547.5	3770079.4	270.0	0.00	
4.19	2.38	YES						
L0031146		0	0.32140E-05	443539.8	3770084.1	270.0	0.00	
4.19	2.38	YES						
L0031147		0	0.32140E-05	443532.0	3770088.7	270.0	0.00	
4.19	2.38	YES						
L0031148		0	0.32140E-05	443524.3	3770093.3	270.0	0.00	
4.19	2.38	YES						
L0031149		0	0.32140E-05	443516.6	3770097.9	270.0	0.00	
4.19	2.38	YES						
L0031150		0	0.32140E-05	443508.8	3770102.5	270.0	0.00	
4.19	2.38	YES						
L0031151		0	0.32140E-05	443501.1	3770107.1	270.0	0.00	
4.19	2.38	YES						
L0031152		0	0.24516E-04	444158.3	3769774.4	270.0	0.00	
4.19	2.38	YES						
L0031153		0	0.24516E-04	444150.0	3769777.9	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0031154	0	0.24516E-04	444141.7	3769781.4	270.0	0.00	4.19	2.38	YES
L0031155	0	0.24516E-04	444133.4	3769784.8	270.0	0.00	4.19	2.38	YES
L0031156	0	0.24516E-04	444125.1	3769788.3	270.0	0.00	4.19	2.38	YES
L0031157	0	0.24516E-04	444116.8	3769791.7	270.0	0.00	4.19	2.38	YES
L0031158	0	0.24516E-04	444108.5	3769795.2	270.0	0.00	4.19	2.38	YES
L0031159	0	0.24516E-04	444100.2	3769798.7	270.0	0.00	4.19	2.38	YES
L0031160	0	0.24516E-04	444091.9	3769802.1	270.0	0.00	4.19	2.38	YES
L0031161	0	0.24516E-04	444083.5	3769805.6	270.0	0.00	4.19	2.38	YES
L0031162	0	0.24516E-04	444075.2	3769809.1	270.0	0.00	4.19	2.38	YES
L0031163	0	0.24516E-04	444066.9	3769812.5	270.0	0.00	4.19	2.38	YES
L0031164	0	0.24516E-04	444058.6	3769816.0	270.0	0.00	4.19	2.38	YES
L0031165	0	0.24516E-04	444050.3	3769819.5	270.0	0.00	4.19	2.38	YES
L0031166	0	0.24516E-04	444042.0	3769822.9	270.0	0.00	4.19	2.38	YES
L0031167	0	0.24516E-04	444033.7	3769826.4	270.0	0.00	4.19	2.38	YES
L0031168	0	0.24516E-04	444025.4	3769829.8	270.0	0.00	4.19	2.38	YES
L0031169	0	0.24516E-04	444017.1	3769833.3	270.0	0.00	4.19	2.38	YES

L0031170		0	0.24516E-04	444008.8	3769836.8	270.0	0.00	
4.19	2.38	YES						
L0031171		0	0.24516E-04	444000.5	3769840.2	270.0	0.00	
4.19	2.38	YES						
L0031172		0	0.24516E-04	443992.2	3769843.7	270.0	0.00	
4.19	2.38	YES						
L0031173		0	0.24516E-04	443983.9	3769847.2	270.0	0.00	
4.19	2.38	YES						
L0031174		0	0.24516E-04	443975.6	3769850.6	270.0	0.00	
4.19	2.38	YES						
L0031175		0	0.24516E-04	443967.7	3769854.9	270.0	0.00	
4.19	2.38	YES						
L0031176		0	0.24516E-04	443960.0	3769859.6	270.0	0.00	
4.19	2.38	YES						
L0031177		0	0.24516E-04	443952.3	3769864.3	270.0	0.00	
4.19	2.38	YES						
L0031178		0	0.24516E-04	443944.6	3769868.9	270.0	0.00	
4.19	2.38	YES						
L0031179		0	0.24516E-04	443936.9	3769873.6	270.0	0.00	
4.19	2.38	YES						
L0031180		0	0.24516E-04	443929.2	3769878.3	270.0	0.00	
4.19	2.38	YES						
L0031181		0	0.24516E-04	443921.5	3769882.9	270.0	0.00	
4.19	2.38	YES						
L0031182		0	0.24516E-04	443913.8	3769887.6	270.0	0.00	
4.19	2.38	YES						
L0031183		0	0.24516E-04	443908.9	3769895.1	270.0	0.00	
4.19	2.38	YES						
L0031184		0	0.24516E-04	443904.2	3769902.7	270.0	0.00	
4.19	2.38	YES						
L0031185		0	0.24516E-04	443899.4	3769910.4	270.0	0.00	
4.19	2.38	YES						
L0031186		0	0.24516E-04	443895.8	3769918.6	270.0	0.00	
4.19	2.38	YES						
L0031187		0	0.24516E-04	443892.7	3769927.0	270.0	0.00	
4.19	2.38	YES						
L0031188		0	0.24516E-04	443889.6	3769935.5	270.0	0.00	
4.19	2.38	YES						
L0031189		0	0.24516E-04	443886.5	3769943.9	270.0	0.00	
4.19	2.38	YES						
L0031190		0	0.24516E-04	443883.4	3769952.4	270.0	0.00	
4.19	2.38	YES						
L0031191		0	0.24516E-04	443880.3	3769960.8	270.0	0.00	
4.19	2.38	YES						
L0031192		0	0.24516E-04	443877.2	3769969.2	270.0	0.00	
4.19	2.38	YES						
L0031193		0	0.24516E-04	443874.0	3769977.7	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0031194	0	0.24516E-04	443870.9	3769986.1	270.0	0.00	4.19	2.38	YES
L0031195	0	0.24516E-04	443867.7	3769994.5	270.0	0.00	4.19	2.38	YES
L0031196	0	0.24516E-04	443864.6	3770003.0	270.0	0.00	4.19	2.38	YES
L0031197	0	0.24516E-04	443860.2	3770010.8	270.0	0.00	4.19	2.38	YES
L0031198	0	0.24516E-04	443855.8	3770018.7	270.0	0.00	4.19	2.38	YES
L0031199	0	0.24516E-04	443851.5	3770026.6	270.0	0.00	4.19	2.38	YES
L0031200	0	0.24516E-04	443845.3	3770033.0	270.0	0.00	4.19	2.38	YES
L0031201	0	0.24516E-04	443838.7	3770039.2	270.0	0.00	4.19	2.38	YES
L0031202	0	0.24516E-04	443831.8	3770044.8	270.0	0.00	4.19	2.38	YES
L0031203	0	0.24516E-04	443823.4	3770047.9	270.0	0.00	4.19	2.38	YES
L0031204	0	0.24516E-04	443814.9	3770050.9	270.0	0.00	4.19	2.38	YES
L0031205	0	0.24516E-04	443806.4	3770054.0	270.0	0.00	4.19	2.38	YES
L0031206	0	0.24516E-04	443797.8	3770056.6	270.0	0.00	4.19	2.38	YES
L0031207	0	0.24516E-04	443789.1	3770058.7	270.0	0.00	4.19	2.38	YES
L0031208	0	0.24516E-04	443780.3	3770060.8	270.0	0.00	4.19	2.38	YES
L0031209	0	0.24516E-04	443771.6	3770063.0	270.0	0.00	4.19	2.38	YES

L0031210		0	0.24516E-04	443762.7	3770064.6	270.0	0.00		
4.19	2.38	YES							
L0031211		0	0.24516E-04	443753.8	3770065.6	270.0	0.00		
4.19	2.38	YES							
L0031212		0	0.24516E-04	443744.9	3770066.7	270.0	0.00		
4.19	2.38	YES							
L0031213		0	0.24516E-04	443735.9	3770067.7	270.0	0.00		
4.19	2.38	YES							

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0030531 , L0030532 , L0030533 , L0030534 , L0030535 , L0030536 , L0030537 , L0030538 ,
	L0030539 , L0030540 , L0030541 , L0030542 , L0030543 , L0030544 , L0030545 , L0030546 ,
	L0030547 , L0030548 , L0030549 , L0030550 , L0030551 , L0030552 , L0030553 , L0030554 ,
	L0030555 , L0030556 , L0030557 , L0030558 , L0030559 , L0030560 , L0030561 , L0030562 ,
	L0030563 , L0030564 , L0030565 , L0030566 , L0030567 , L0030568 , L0030569 , L0030570 ,
	L0030571 , L0030572 , L0030573 , L0030574 , L0030575 , L0030576 , L0030577 , L0030578 ,
	L0030579 , L0030580 , L0030581 , L0030582 , L0030583 , L0030584 , L0030585 , L0030586 ,
	L0030587 , L0030588 , L0030589 , L0030590 , L0030591 , L0030592 , L0030593 , L0030594 ,
	L0030595 , L0030596 , L0030597 , L0030598 , L0030599 , L0030600 , L0030601 , L0030602 ,
	L0030603 , L0030604 , L0030605 , L0030606 , L0030607 , L0030608 , L0030609 , L0030610 ,
	L0030611 , L0030612 , L0030613 , L0030614 , L0030615 , L0030616 , L0030617 , L0030618 ,
	L0030619 , L0030620 , L0030621 , L0030622 , L0030623 , L0030624 , L0030625 , L0030626 ,
	L0030627 , L0030628 , L0030629 , L0030630 , L0030631 , L0030632 , L0030633 , L0030634 ,

L0030635 , L0030636 , L0030637 , L0030638 ,
L0030639 , L0030640 , L0030641 , L0030642 ,

L0030643 , L0030644 , L0030645 , L0030646 ,
L0030647 , L0030648 , L0030649 , L0030650 ,

L0030651 , L0030652 , L0030653 , L0030654 ,
L0030655 , L0030656 , L0030657 , L0030658 ,

L0030659 , L0030660 , L0030661 , L0030662 ,
L0030663 , L0030664 , L0030665 , L0030666 ,

L0030667 , L0030668 , L0030669 , L0030670 ,
L0030671 , L0030672 , L0030673 , L0030674 ,

L0030675 , L0030676 , L0030677 , L0030678 ,
L0030679 , L0030680 , L0030681 , L0030682 ,

L0030683 , L0030684 , L0030685 , L0030686 ,
L0030687 , L0030688 , L0030689 , L0030690 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0030691 , L0030692 , L0030693 , L0030694 , L0030695 , L0030696 , L0030697 , L0030698 ,
	L0030699 , L0030700 , L0030701 , L0030702 , L0030703 , L0030704 , L0030705 , L0030706 ,
	L0030707 , L0030708 , L0030709 , L0030710 , L0030711 , L0030712 , L0030713 , L0030714 ,
	L0030715 , L0030716 , L0030717 , L0030718 , L0030719 , L0030720 , L0030721 , L0030722 ,
	L0030723 , L0030724 , L0030725 , L0030726 , L0030727 , L0030728 , L0030729 , L0030730 ,
	L0030731 , L0030732 , L0030733 , L0030734 , L0030735 , L0030736 , L0030737 , L0030738 ,
	L0030739 , L0030740 , L0030741 , L0030742 , L0030743 , L0030744 , L0030745 , L0030746 ,
	L0030747 , L0030748 , L0030749 , L0030750 , L0030751 , L0030752 , L0030753 , L0030754 ,
	L0030755 , L0030756 , L0030757 , L0030758 , L0030759 , L0030760 , L0030761 , L0030762 ,
	L0030763 , L0030764 , L0030765 , L0030766 , L0030767 , L0030768 , L0030769 , L0030770 ,
	L0030771 , L0030772 , L0030773 , L0030774 , L0030775 , L0030776 , L0030777 , L0030778 ,
	L0030779 , L0030780 , L0030781 , L0030782 , L0030783 , L0030784 , L0030785 , L0030786 ,
	L0030787 , L0030788 , L0030789 , L0030790 , L0030791 , L0030792 , L0030793 , L0030794 ,

L0030795 , L0030796 , L0030797 , L0030798 ,
L0030799 , L0030800 , L0030801 , L0030802 ,

L0030803 , L0030804 , L0030805 , L0030806 ,
L0030807 , L0030808 , L0030809 , L0030810 ,

L0030811 , L0030812 , L0030813 , L0030814 ,
L0030815 , L0030816 , L0030817 , L0030818 ,

L0030819 , L0030820 , L0030821 , L0030822 ,
L0030823 , L0030824 , L0030825 , L0030826 ,

L0030827 , L0030828 , L0030829 , L0030830 ,
L0030831 , L0030832 , L0030833 , L0030834 ,

L0030835 , L0030836 , L0030837 , L0030838 ,
L0030839 , L0030840 , L0030841 , L0030842 ,

L0030843 , L0030844 , L0030845 , L0030846 ,
L0030847 , L0030848 , L0030849 , L0030850 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0030851 , L0030852 , L0030853 , L0030854 , L0030855 , L0030856 , L0030857 , L0030858 ,
	L0030859 , L0030860 , L0030861 , L0030862 , L0030863 , L0030864 , L0030865 , L0030866 ,
	L0030867 , L0030868 , L0030869 , L0030870 , L0030871 , L0030872 , L0030873 , L0030874 ,
	L0030875 , L0030876 , L0030877 , L0030878 , L0030879 , L0030880 , L0030881 , L0030882 ,
	L0030883 , L0030884 , L0030885 , L0030886 , L0030887 , L0030888 , L0030889 , L0030890 ,
	L0030891 , L0030892 , L0030893 , L0031037 , L0031038 , L0031039 , L0031040 , L0031041 ,
	L0031042 , L0031043 , L0031044 , L0031045 , L0031046 , L0031047 , L0031048 , L0031049 ,
	L0031050 , L0031051 , L0031052 , L0031053 , L0031054 , L0031055 , L0031056 , L0031057 ,
	L0031058 , L0031059 , L0031060 , L0031061 , L0031062 , L0031063 , L0031064 , L0031065 ,
	L0031066 , L0031067 , L0031068 , L0031069 , L0031070 , L0031071 , L0031072 , L0031073 ,
	L0031074 , L0031075 , L0031076 , L0031077 , L0031078 , L0031079 , L0031080 , L0031081 ,
	L0031082 , L0031083 , L0031084 , L0031085 , L0031086 , L0031087 , L0031088 , L0031089 ,
	L0031090 , L0031091 , L0031092 , L0031093 , L0031094 , L0031095 , L0031096 , L0031097 ,

L0031098 , L0031099 , L0031100 , L0031101 ,
L0031102 , L0031103 , L0031104 , L0031105 ,

L0031106 , L0031107 , L0031108 , L0031109 ,
L0031110 , L0031111 , L0031112 , L0031113 ,

L0031114 , L0031115 , L0031116 , L0031117 ,
L0031118 , L0031119 , L0031120 , L0031121 ,

L0031122 , L0031123 , L0031124 , L0031125 ,
L0031126 , L0031127 , L0031128 , L0031129 ,

L0031130 , L0031131 , L0031132 , L0031133 ,
L0031134 , L0031135 , L0031136 , L0031137 ,

L0031138 , L0031139 , L0031140 , L0031141 ,
L0031142 , L0031143 , L0031144 , L0031145 ,

L0031146 , L0031147 , L0031148 , L0031149 ,
L0031150 , L0031151 , L0031152 , L0031153 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0031154 , L0031155 , L0031156 , L0031157 , L0031158 , L0031159 , L0031160 , L0031161 ,
	L0031162 , L0031163 , L0031164 , L0031165 , L0031166 , L0031167 , L0031168 , L0031169 ,
	L0031170 , L0031171 , L0031172 , L0031173 , L0031174 , L0031175 , L0031176 , L0031177 ,
	L0031178 , L0031179 , L0031180 , L0031181 , L0031182 , L0031183 , L0031184 , L0031185 ,
	L0031186 , L0031187 , L0031188 , L0031189 , L0031190 , L0031191 , L0031192 , L0031193 ,
	L0031194 , L0031195 , L0031196 , L0031197 , L0031198 , L0031199 , L0031200 , L0031201 ,
	L0031202 , L0031203 , L0031204 , L0031205 , L0031206 , L0031207 , L0031208 , L0031209 ,
	L0031210 , L0031211 , L0031212 , L0031213 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2015355.	L0030531 , L0030532 , L0030533 , L0030534 , L0030535 , L0030536 , L0030537 , L0030538 ,
		L0030539 , L0030540 , L0030541 , L0030542 , L0030543 , L0030544 , L0030545 , L0030546 ,
		L0030547 , L0030548 , L0030549 , L0030550 , L0030551 , L0030552 , L0030553 , L0030554 ,
		L0030555 , L0030556 , L0030557 , L0030558 , L0030559 , L0030560 , L0030561 , L0030562 ,
		L0030563 , L0030564 , L0030565 , L0030566 , L0030567 , L0030568 , L0030569 , L0030570 ,
		L0030571 , L0030572 , L0030573 , L0030574 , L0030575 , L0030576 , L0030577 , L0030578 ,
		L0030579 , L0030580 , L0030581 , L0030582 , L0030583 , L0030584 , L0030585 , L0030586 ,
		L0030587 , L0030588 , L0030589 , L0030590 , L0030591 , L0030592 , L0030593 , L0030594 ,
		L0030595 , L0030596 , L0030597 , L0030598 , L0030599 , L0030600 , L0030601 , L0030602 ,
		L0030603 , L0030604 , L0030605 , L0030606 , L0030607 , L0030608 , L0030609 , L0030610 ,
		L0030611 , L0030612 , L0030613 , L0030614 , L0030615 , L0030616 , L0030617 , L0030618 ,
		L0030619 , L0030620 , L0030621 , L0030622 , L0030623 , L0030624 , L0030625 , L0030626 ,

L0030627 , L0030628 , L0030629 , L0030630 ,
L0030631 , L0030632 , L0030633 , L0030634 ,

L0030635 , L0030636 , L0030637 , L0030638 ,
L0030639 , L0030640 , L0030641 , L0030642 ,

L0030643 , L0030644 , L0030645 , L0030646 ,
L0030647 , L0030648 , L0030649 , L0030650 ,

L0030651 , L0030652 , L0030653 , L0030654 ,
L0030655 , L0030656 , L0030657 , L0030658 ,

L0030659 , L0030660 , L0030661 , L0030662 ,
L0030663 , L0030664 , L0030665 , L0030666 ,

L0030667 , L0030668 , L0030669 , L0030670 ,
L0030671 , L0030672 , L0030673 , L0030674 ,

L0030675 , L0030676 , L0030677 , L0030678 ,
L0030679 , L0030680 , L0030681 , L0030682 ,

L0030683 , L0030684 , L0030685 , L0030686 ,
L0030687 , L0030688 , L0030689 , L0030690 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0030691 , L0030692 , L0030693 , L0030694 , L0030695 , L0030696 , L0030697 , L0030698 ,

L0030699 , L0030700 , L0030701 , L0030702 , L0030703 , L0030704 , L0030705 , L0030706 ,

L0030707 , L0030708 , L0030709 , L0030710 , L0030711 , L0030712 , L0030713 , L0030714 ,

L0030715 , L0030716 , L0030717 , L0030718 , L0030719 , L0030720 , L0030721 , L0030722 ,

L0030723 , L0030724 , L0030725 , L0030726 , L0030727 , L0030728 , L0030729 , L0030730 ,

L0030731 , L0030732 , L0030733 , L0030734 , L0030735 , L0030736 , L0030737 , L0030738 ,

L0030739 , L0030740 , L0030741 , L0030742 , L0030743 , L0030744 , L0030745 , L0030746 ,

L0030747 , L0030748 , L0030749 , L0030750 , L0030751 , L0030752 , L0030753 , L0030754 ,

L0030755 , L0030756 , L0030757 , L0030758 , L0030759 , L0030760 , L0030761 , L0030762 ,

L0030763 , L0030764 , L0030765 , L0030766 , L0030767 , L0030768 , L0030769 , L0030770 ,

L0030771 , L0030772 , L0030773 , L0030774 , L0030775 , L0030776 , L0030777 , L0030778 ,

L0030779 , L0030780 , L0030781 , L0030782 , L0030783 , L0030784 , L0030785 , L0030786 ,

L0030787 , L0030788 , L0030789 , L0030790 , L0030791 , L0030792 , L0030793 , L0030794 ,

L0030795 , L0030796 , L0030797 , L0030798 ,
L0030799 , L0030800 , L0030801 , L0030802 ,

L0030803 , L0030804 , L0030805 , L0030806 ,
L0030807 , L0030808 , L0030809 , L0030810 ,

L0030811 , L0030812 , L0030813 , L0030814 ,
L0030815 , L0030816 , L0030817 , L0030818 ,

L0030819 , L0030820 , L0030821 , L0030822 ,
L0030823 , L0030824 , L0030825 , L0030826 ,

L0030827 , L0030828 , L0030829 , L0030830 ,
L0030831 , L0030832 , L0030833 , L0030834 ,

L0030835 , L0030836 , L0030837 , L0030838 ,
L0030839 , L0030840 , L0030841 , L0030842 ,

L0030843 , L0030844 , L0030845 , L0030846 ,
L0030847 , L0030848 , L0030849 , L0030850 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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L0030859 , L0030860 , L0030861 , L0030862 , L0030863 , L0030864 , L0030865 , L0030866 ,

L0030867 , L0030868 , L0030869 , L0030870 , L0030871 , L0030872 , L0030873 , L0030874 ,

L0030875 , L0030876 , L0030877 , L0030878 , L0030879 , L0030880 , L0030881 , L0030882 ,

L0030883 , L0030884 , L0030885 , L0030886 , L0030887 , L0030888 , L0030889 , L0030890 ,

L0030891 , L0030892 , L0030893 , L0031037 , L0031038 , L0031039 , L0031040 , L0031041 ,

L0031042 , L0031043 , L0031044 , L0031045 , L0031046 , L0031047 , L0031048 , L0031049 ,

L0031050 , L0031051 , L0031052 , L0031053 , L0031054 , L0031055 , L0031056 , L0031057 ,

L0031058 , L0031059 , L0031060 , L0031061 , L0031062 , L0031063 , L0031064 , L0031065 ,

L0031066 , L0031067 , L0031068 , L0031069 , L0031070 , L0031071 , L0031072 , L0031073 ,

L0031074 , L0031075 , L0031076 , L0031077 , L0031078 , L0031079 , L0031080 , L0031081 ,

L0031082 , L0031083 , L0031084 , L0031085 , L0031086 , L0031087 , L0031088 , L0031089 ,

L0031090 , L0031091 , L0031092 , L0031093 , L0031094 , L0031095 , L0031096 , L0031097 ,

L0031098 , L0031099 , L0031100 , L0031101 ,
L0031102 , L0031103 , L0031104 , L0031105 ,

L0031106 , L0031107 , L0031108 , L0031109 ,
L0031110 , L0031111 , L0031112 , L0031113 ,

L0031114 , L0031115 , L0031116 , L0031117 ,
L0031118 , L0031119 , L0031120 , L0031121 ,

L0031122 , L0031123 , L0031124 , L0031125 ,
L0031126 , L0031127 , L0031128 , L0031129 ,

L0031130 , L0031131 , L0031132 , L0031133 ,
L0031134 , L0031135 , L0031136 , L0031137 ,

L0031138 , L0031139 , L0031140 , L0031141 ,
L0031142 , L0031143 , L0031144 , L0031145 ,

L0031146 , L0031147 , L0031148 , L0031149 ,
L0031150 , L0031151 , L0031152 , L0031153 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0031154 , L0031155 , L0031156 , L0031157 , L0031158 , L0031159 , L0031160 , L0031161 ,

L0031162 , L0031163 , L0031164 , L0031165 , L0031166 , L0031167 , L0031168 , L0031169 ,

L0031170 , L0031171 , L0031172 , L0031173 , L0031174 , L0031175 , L0031176 , L0031177 ,

L0031178 , L0031179 , L0031180 , L0031181 , L0031182 , L0031183 , L0031184 , L0031185 ,

L0031186 , L0031187 , L0031188 , L0031189 , L0031190 , L0031191 , L0031192 , L0031193 ,

L0031194 , L0031195 , L0031196 , L0031197 , L0031198 , L0031199 , L0031200 , L0031201 ,

L0031202 , L0031203 , L0031204 , L0031205 , L0031206 , L0031207 , L0031208 , L0031209 ,

L0031210 , L0031211 , L0031212 , L0031213 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

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

(444782.0, 3769929.4, 270.0, 270.0, 0.0); (444818.4, 3769929.4, 270.0, 270.0, 0.0);
(444854.8, 3769929.4, 270.0, 270.0, 0.0); (444891.1, 3769929.4, 270.0, 270.0, 0.0);
(444927.5, 3769929.4, 270.0, 270.0, 0.0); (444963.9, 3769929.4, 270.0, 270.0, 0.0);
(445000.3, 3769929.4, 270.0, 270.0, 0.0); (445036.7, 3769929.4, 270.0, 270.0, 0.0);
(445073.1, 3769929.4, 270.0, 270.0, 0.0); (445109.5, 3769929.4, 270.0, 270.0, 0.0);
(445145.9, 3769929.4, 270.0, 270.0, 0.0); (445182.3, 3769929.4, 270.0, 270.0, 0.0);
(444782.0, 3769941.0, 270.0, 270.0, 0.0); (444818.4, 3769941.0, 270.0, 270.0, 0.0);
(444854.8, 3769941.0, 270.0, 270.0, 0.0); (444891.1, 3769941.0, 270.0, 270.0, 0.0);
(444927.5, 3769941.0, 270.0, 270.0, 0.0); (444963.9, 3769941.0, 270.0, 270.0, 0.0);
(445000.3, 3769941.0, 270.0, 270.0, 0.0); (445036.7, 3769941.0, 270.0, 270.0, 0.0);
(445073.1, 3769941.0, 270.0, 270.0, 0.0); (445109.5, 3769941.0, 270.0, 270.0, 0.0);
(445145.9, 3769941.0, 270.0, 270.0, 0.0); (445182.3, 3769941.0, 270.0, 270.0, 0.0);
(444782.0, 3769952.5, 270.0, 270.0, 0.0); (444818.4, 3769952.5, 270.0, 270.0, 0.0);
(444854.8, 3769952.5, 270.0, 270.0, 0.0); (444891.1, 3769952.5, 270.0, 270.0, 0.0);
(444927.5, 3769952.5, 270.0, 270.0, 0.0); (444963.9, 3769952.5, 270.0, 270.0, 0.0);
(445000.3, 3769952.5, 270.0, 270.0, 0.0); (445036.7, 3769952.5, 270.0, 270.0, 0.0);
(445073.1, 3769952.5, 270.0, 270.0, 0.0); (445109.5, 3769952.5, 270.0, 270.0, 0.0);
(445145.9, 3769952.5, 270.0, 270.0, 0.0); (445182.3, 3769952.5, 270.0, 270.0, 0.0);
(444782.0, 3769964.1, 270.0, 270.0, 0.0); (444818.4, 3769964.1, 270.0, 270.0, 0.0);
(444854.8, 3769964.1, 270.0, 270.0, 0.0); (444891.1, 3769964.1, 270.0, 270.0, 0.0);

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     ( 444927.5, 3769964.1,     270.0,     270.0,       0.0);         (
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     ( 445000.3, 3769964.1,     270.0,     270.0,       0.0);         (
445036.7, 3769964.1,     270.0,     270.0,       0.0);
     ( 445073.1, 3769964.1,     270.0,     270.0,       0.0);         (
445109.5, 3769964.1,     270.0,     270.0,       0.0);
     ( 445145.9, 3769964.1,     270.0,     270.0,       0.0);         (
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     ( 445218.7, 3769964.1,     270.0,     270.0,       0.0);         (
444782.0, 3769975.7,     270.0,     270.0,       0.0);
     ( 444818.4, 3769975.7,     270.0,     270.0,       0.0);         (
444854.8, 3769975.7,     270.0,     270.0,       0.0);
     ( 444891.1, 3769975.7,     270.0,     270.0,       0.0);         (
444927.5, 3769975.7,     270.0,     270.0,       0.0);
     ( 444963.9, 3769975.7,     270.0,     270.0,       0.0);         (
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445073.1, 3769975.7,     270.0,     270.0,       0.0);
     ( 445109.5, 3769975.7,     270.0,     270.0,       0.0);         (
445145.9, 3769975.7,     270.0,     270.0,       0.0);
     ( 445182.3, 3769975.7,     270.0,     270.0,       0.0);         (
445218.7, 3769975.7,     270.0,     270.0,       0.0);
     ( 444782.0, 3769987.2,     270.0,     270.0,       0.0);         (
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     ( 444854.8, 3769987.2,     270.0,     270.0,       0.0);         (
444891.1, 3769987.2,     270.0,     270.0,       0.0);
     ( 444927.5, 3769987.2,     270.0,     270.0,       0.0);         (
444963.9, 3769987.2,     270.0,     270.0,       0.0);
     ( 445000.3, 3769987.2,     270.0,     270.0,       0.0);         (
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     ( 445073.1, 3769987.2,     270.0,     270.0,       0.0);         (
445109.5, 3769987.2,     270.0,     270.0,       0.0);
     ( 445145.9, 3769987.2,     270.0,     270.0,       0.0);         (
445182.3, 3769987.2,     270.0,     270.0,       0.0);
     ( 445218.7, 3769987.2,     270.0,     270.0,       0.0);         (
444782.0, 3769998.8,     270.0,     270.0,       0.0);
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444854.8, 3769998.8,     270.0,     270.0,       0.0);
     ( 444891.1, 3769998.8,     270.0,     270.0,       0.0);         (
444927.5, 3769998.8,     270.0,     270.0,       0.0);
     ( 444963.9, 3769998.8,     270.0,     270.0,       0.0);         (
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     ( 445036.7, 3769998.8,     270.0,     270.0,       0.0);         (
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     ( 445109.5, 3769998.8,     270.0,     270.0,       0.0);         (
445145.9, 3769998.8,     270.0,     270.0,       0.0);
     ( 445182.3, 3769998.8,     270.0,     270.0,       0.0);         (
445218.7, 3769998.8,     270.0,     270.0,       0.0);
     ( 444782.0, 3770010.4,     270.0,     270.0,       0.0);         (
444818.4, 3770010.4,     270.0,     270.0,       0.0);
```

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

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

(444854.8, 3770010.4, 270.0, 270.0, 0.0); (444891.1, 3770010.4, 270.0, 270.0, 0.0);
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(445000.3, 3770010.4, 270.0, 270.0, 0.0); (445036.7, 3770010.4, 270.0, 270.0, 0.0);
(445073.1, 3770010.4, 270.0, 270.0, 0.0); (445109.5, 3770010.4, 270.0, 270.0, 0.0);
(445145.9, 3770010.4, 270.0, 270.0, 0.0); (445182.3, 3770010.4, 270.0, 270.0, 0.0);
(445218.7, 3770010.4, 270.0, 270.0, 0.0); (444782.0, 3770021.9, 270.0, 270.0, 0.0);
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(444891.1, 3770021.9, 270.0, 270.0, 0.0); (444927.5, 3770021.9, 270.0, 270.0, 0.0);
(444963.9, 3770021.9, 270.0, 270.0, 0.0); (445000.3, 3770021.9, 270.0, 270.0, 0.0);
(445036.7, 3770021.9, 270.0, 270.0, 0.0); (445073.1, 3770021.9, 270.0, 270.0, 0.0);
(445109.5, 3770021.9, 270.0, 270.0, 0.0); (445145.9, 3770021.9, 270.0, 270.0, 0.0);
(445182.3, 3770021.9, 270.0, 270.0, 0.0); (445218.7, 3770021.9, 270.0, 270.0, 0.0);
(444782.0, 3770033.5, 270.0, 270.0, 0.0); (444818.4, 3770033.5, 270.0, 270.0, 0.0);
(444854.8, 3770033.5, 270.0, 270.0, 0.0); (444891.1, 3770033.5, 270.0, 270.0, 0.0);
(444927.5, 3770033.5, 270.0, 270.0, 0.0); (444963.9, 3770033.5, 270.0, 270.0, 0.0);
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(445073.1, 3770033.5, 270.0, 270.0, 0.0); (445109.5, 3770033.5, 270.0, 270.0, 0.0);
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(444782.0, 3770045.1, 270.0, 270.0, 0.0); (444818.4, 3770045.1, 270.0, 270.0, 0.0);

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     ( 444963.9, 3770056.7,     270.0,     270.0,       0.0);         (
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     ( 445182.3, 3770056.7,     270.0,     270.0,       0.0);         (
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     ( 445255.0, 3770056.7,     270.0,     270.0,       0.0);         (
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     ( 444854.8, 3770068.2,     270.0,     270.0,       0.0);         (
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     ( 444927.5, 3770068.2,     270.0,     270.0,       0.0);         (
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     ( 445000.3, 3770068.2,     270.0,     270.0,       0.0);         (
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     ( 445073.1, 3770068.2,     270.0,     270.0,       0.0);         (
445109.5, 3770068.2,     270.0,     270.0,       0.0);
     ( 445145.9, 3770068.2,     270.0,     270.0,       0.0);         (
445182.3, 3770068.2,     270.0,     270.0,       0.0);
     ( 445218.7, 3770068.2,     270.0,     270.0,       0.0);         (
445255.0, 3770068.2,     270.0,     270.0,       0.0);
     ( 444818.4, 3770079.8,     270.0,     270.0,       0.0);         (
444854.8, 3770079.8,     270.0,     270.0,       0.0);
     ( 444891.1, 3770079.8,     270.0,     270.0,       0.0);         (
444927.5, 3770079.8,     270.0,     270.0,       0.0);
     ( 444963.9, 3770079.8,     270.0,     270.0,       0.0);         (
445000.3, 3770079.8,     270.0,     270.0,       0.0);
     ( 445036.7, 3770079.8,     270.0,     270.0,       0.0);         (
445073.1, 3770079.8,     270.0,     270.0,       0.0);
     ( 445109.5, 3770079.8,     270.0,     270.0,       0.0);         (
445145.9, 3770079.8,     270.0,     270.0,       0.0);
     ( 445182.3, 3770079.8,     270.0,     270.0,       0.0);         (
445218.7, 3770079.8,     270.0,     270.0,       0.0);
```

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

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

(445255.0, 3770079.8, 270.0, 270.0, 0.0); (444818.4, 3770091.4, 270.0, 270.0, 0.0);
(444854.8, 3770091.4, 270.0, 270.0, 0.0); (444891.1, 3770091.4, 270.0, 270.0, 0.0);
(444927.5, 3770091.4, 270.0, 270.0, 0.0); (444963.9, 3770091.4, 270.0, 270.0, 0.0);
(445000.3, 3770091.4, 270.0, 270.0, 0.0); (445036.7, 3770091.4, 270.0, 270.0, 0.0);
(445073.1, 3770091.4, 270.0, 270.0, 0.0); (445109.5, 3770091.4, 270.0, 270.0, 0.0);
(445145.9, 3770091.4, 270.0, 270.0, 0.0); (445182.3, 3770091.4, 270.0, 270.0, 0.0);
(445218.7, 3770091.4, 270.0, 270.0, 0.0); (445255.0, 3770091.4, 270.0, 270.0, 0.0);
(444818.4, 3770102.9, 270.0, 270.0, 0.0); (444854.8, 3770102.9, 270.0, 270.0, 0.0);
(444891.1, 3770102.9, 270.0, 270.0, 0.0); (444927.5, 3770102.9, 270.0, 270.0, 0.0);
(444963.9, 3770102.9, 270.0, 270.0, 0.0); (445000.3, 3770102.9, 270.0, 270.0, 0.0);
(445036.7, 3770102.9, 270.0, 270.0, 0.0); (445073.1, 3770102.9, 270.0, 270.0, 0.0);
(445109.5, 3770102.9, 270.0, 270.0, 0.0); (445145.9, 3770102.9, 270.0, 270.0, 0.0);
(445182.3, 3770102.9, 270.0, 270.0, 0.0); (445218.7, 3770102.9, 270.0, 270.0, 0.0);
(445255.0, 3770102.9, 270.0, 270.0, 0.0); (444818.4, 3770114.5, 270.0, 270.0, 0.0);
(444854.8, 3770114.5, 270.0, 270.0, 0.0); (444891.1, 3770114.5, 270.0, 270.0, 0.0);
(444927.5, 3770114.5, 270.0, 270.0, 0.0); (444963.9, 3770114.5, 270.0, 270.0, 0.0);
(445000.3, 3770112.1, 270.0, 270.0, 0.0); (445036.7, 3770112.1, 270.0, 270.0, 0.0);
(445073.1, 3770111.8, 270.0, 270.0, 0.0); (445109.5, 3770111.3, 270.0, 270.0, 0.0);
(445145.9, 3770110.8, 270.0, 270.0, 0.0); (445182.7, 3770110.3, 270.0, 270.0, 0.0);
(445217.7, 3770109.9, 270.0, 270.0, 0.0); (445271.2, 3770103.0, 270.0, 270.0, 0.0);

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

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

Surface file: poma6.SFC
Met Version: 12345
Profile file: poma6.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3190 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2005 Year: 2005

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
05	01	01	1	01	-0.6	0.027	-9.000	-9.000	-999.	10.	3.1	0.47	1.00	1.00	0.40	61.	9.1	277.4	5.5
05	01	01	1	02	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	41.	9.1	278.5	5.5
05	01	01	1	03	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	41.	9.1	278.5	5.5
05	01	01	1	04	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	29.	9.1	278.4	5.5
05	01	01	1	05	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	28.	9.1	278.2	5.5
05	01	01	1	06	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	30.	9.1	278.9	5.5
05	01	01	1	07	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	25.	9.1	278.9	5.5
05	01	01	1	08	-0.5	0.027	-9.000	-9.000	-999.	10.	3.4	0.47	1.00	0.54	0.40	35.	9.1	279.6	5.5
05	01	01	1	09	28.5	0.099	0.384	0.005	70.	72.	-3.0	0.47	1.00	0.31	0.40	173.	9.1	281.2	5.5
05	01	01	1	10	80.8	0.238	1.217	0.005	782.	267.	-14.5	0.47	1.00	0.24	1.30	173.	9.1	283.4	5.5
05	01	01	1	11	119.2	0.249	1.518	0.007	1028.	285.	-11.3	0.47	1.00	0.21	1.30	196.	9.1	285.2	5.5
05	01	01	1	12	120.4	0.249	1.615	0.009	1225.	286.	-11.2	0.47	1.00	0.20	1.30	212.	9.1	286.1	5.5
05	01	01	1	13	120.9	0.249	1.629	0.009	1252.	286.	-11.2	0.47	1.00	0.20	1.30	237.	9.1	286.1	5.5

```
 05 01 01   1 14   65.0  0.293  1.329  0.009 1266.  364.    -33.8  0.47
1.00   0.22    1.80  266.    9.1  285.9    5.5
 05 01 01   1 15   28.3  0.274  1.009  0.009 1272.  330.    -63.7  0.47
1.00   0.25    1.80  262.    9.1  285.6    5.5
 05 01 01   1 16    2.8  0.248  0.466  0.009 1273.  285.   -483.7  0.47
1.00   0.34    1.80  266.    9.1  285.0    5.5
 05 01 01   1 17   -4.7  0.088 -9.000 -9.000 -999.   84.     12.7  0.47
1.00   0.61    1.30  280.    9.1  284.4    5.5
 05 01 01   1 18   -2.8  0.061 -9.000 -9.000 -999.   35.      7.0  0.47
1.00   1.00    0.90  261.    9.1  283.9    5.5
 05 01 01   1 19   -0.6  0.027 -9.000 -9.000 -999.   10.      3.1  0.47
1.00   1.00    0.40  293.    9.1  283.1    5.5
 05 01 01   1 20   -0.2  0.019 -9.000 -9.000 -999.    6.      2.6  0.47
1.00   1.00    0.28  313.    9.1  282.4    5.5
 05 01 01   1 21   -0.2  0.019 -9.000 -9.000 -999.    6.      2.6  0.47
1.00   1.00    0.28  325.    9.1  281.5    5.5
 05 01 01   1 22   -0.2  0.019 -9.000 -9.000 -999.    6.      3.0  0.47
1.00   1.00    0.28  323.    9.1  280.0    5.5
 05 01 01   1 23   -0.2  0.019 -9.000 -9.000 -999.    6.      3.0  0.47
1.00   1.00    0.28  351.    9.1  279.4    5.5
 05 01 01   1 24   -0.4  0.027 -9.000 -9.000 -999.   10.      4.2  0.47
1.00   1.00    0.40   50.    9.1  279.0    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 05 01 01 01    5.5 0 -999.  -99.00   277.4   99.0  -99.00  -99.00
 05 01 01 01    9.1 1   61.    0.40  -999.0   99.0  -99.00  -99.00

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

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0030531 , L0030532 , L0030533 , L0030534 , L0030535 , L0030536 , L0030537 , L0030538 , L0030539 , L0030540 , L0030541 , L0030542 , L0030543 , L0030544 , L0030545 , L0030546 , L0030547 , L0030548 , L0030549 , L0030550 , L0030551 , L0030552 , L0030553 , L0030554 , L0030555 , L0030556 , L0030557 , L0030558 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
444781.98	3769929.39	0.18014	(09112617)	444818.37	3769929.39	0.17627	(09112617)
444854.76	3769929.39	0.17272	(09112617)	444891.15	3769929.39	0.16929	(09112617)
444927.54	3769929.39	0.16559	(09112617)	444963.93	3769929.39	0.16121	(09112617)
445000.32	3769929.39	0.15596	(09112617)	445036.71	3769929.39	0.14995	(09112617)
445073.10	3769929.39	0.14345	(09112617)	445109.49	3769929.39	0.13673	(09112617)
445145.88	3769929.39	0.13002	(09112617)	445182.27	3769929.39	0.12347	(09112617)
444781.98	3769940.96	0.17629	(09093001)	444818.37	3769940.96	0.17215	(09093001)
444854.76	3769940.96	0.16854	(09112617)	444891.15	3769940.96	0.16498	(09112617)
444927.54	3769940.96	0.16098	(09112617)	444963.93	3769940.96	0.15626	(09112617)
445000.32	3769940.96	0.15080	(09112617)	445036.71	3769940.96	0.14477	(09112617)
445073.10	3769940.96	0.13841	(09112617)	445109.49	3769940.96	0.13194	(09112617)
445145.88	3769940.96	0.12555	(09112617)	445182.27	3769940.96	0.11935	(09112617)

444781.98 3769952.53 0.17249 (09093001)
444818.37 3769952.53 0.16812 (09093001)
444854.76 3769952.53 0.16445 (09112617)
444891.15 3769952.53 0.16069 (09112617)
444927.54 3769952.53 0.15639 (09112617)
444963.93 3769952.53 0.15142 (09112617)
445000.32 3769952.53 0.14585 (09112617)
445036.71 3769952.53 0.13986 (09112617)
445073.10 3769952.53 0.13368 (09112617)
445109.49 3769952.53 0.12747 (09112617)
445145.88 3769952.53 0.12139 (09112617)
445182.27 3769952.53 0.11552 (09112617)
444781.98 3769964.10 0.16865 (09093001)
444818.37 3769964.10 0.16407 (09112617)
444854.76 3769964.10 0.16040 (09112617)
444891.15 3769964.10 0.15641 (09112617)
444927.54 3769964.10 0.15185 (09112617)
444963.93 3769964.10 0.14671 (09112617)
445000.32 3769964.10 0.14111 (09112617)
445036.71 3769964.10 0.13522 (09112617)
445073.10 3769964.10 0.12924 (09112617)
445109.49 3769964.10 0.12329 (09112617)
445145.88 3769964.10 0.11750 (09112617)
445182.27 3769964.10 0.11193 (09112617)
445218.66 3769964.10 0.10662 (09112617)
444781.98 3769975.67 0.16475 (09093001)
444818.37 3769975.67 0.16019 (09112617)
444854.76 3769975.67 0.15637 (09112617)
444891.15 3769975.67 0.15214 (09112617)
444927.54 3769975.67 0.14739 (09112617)
444963.93 3769975.67 0.14215 (09112617)
445000.32 3769975.67 0.13658 (09112617)
445036.71 3769975.67 0.13084 (09112617)
445073.10 3769975.67 0.12506 (09112617)
445109.49 3769975.67 0.11937 (09112617)
445145.88 3769975.67 0.11386 (09112617)
445182.27 3769975.67 0.10856 (09112617)
445218.66 3769975.67 0.10352 (09112617)
444781.98 3769987.24 0.16081 (09093001)
444818.37 3769987.24 0.15634 (09112617)
444854.76 3769987.24 0.15234 (09112617)
444891.15 3769987.24 0.14791 (09112617)
444927.54 3769987.24 0.14303 (09112617)
444963.93 3769987.24 0.13777 (09112617)
445000.32 3769987.24 0.13228 (09112617)
445036.71 3769987.24 0.12669 (09112617)
445073.10 3769987.24 0.12113 (09112617)
445109.49 3769987.24 0.11569 (09112617)
445145.88 3769987.24 0.11043 (09112617)
445182.27 3769987.24 0.10540 (09112617)
445218.66 3769987.24 0.10094 (09093001)
444781.98 3769998.81 0.15687 (09093001)
444818.37 3769998.81 0.15251 (09112617)
444854.76 3769998.81 0.14833 (09112617)

444891.15 3769998.81 0.14375 (09112617)
444927.54 3769998.81 0.13879 (09112617)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0030531 , L0030532 , L0030533 , L0030534 , L0030535 , L0030536 , L0030537 , L0030538 , L0030539 , L0030540 , L0030541 , L0030542 , L0030543 , L0030544 , L0030545 , L0030546 , L0030547 , L0030548 , L0030549 , L0030550 , L0030551 , L0030552 , L0030553 , L0030554 , L0030555 , L0030556 , L0030557 , L0030558 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
444963.93	3769998.81	0.13356	(09112617)	445000.32	3769998.81	0.12818	(09112617)
445036.71	3769998.81	0.12277	(09112617)	445073.10	3769998.81	0.11742	(09112617)
445109.49	3769998.81	0.11222	(09112617)	445145.88	3769998.81	0.10720	(09112617)
445182.27	3769998.81	0.10262	(09093001)	445218.66	3769998.81	0.09849	(09093001)
444781.98	3770010.38	0.15294	(09093001)	444818.37	3770010.38	0.14868	(09112617)
444854.76	3770010.38	0.14436	(09112617)	444891.15	3770010.38	0.13967	(09112617)
444927.54	3770010.38	0.13470	(09112617)	444963.93	3770010.38	0.12953	(09112617)
445000.32	3770010.38	0.12428	(09112617)	445036.71	3770010.38	0.11905	(09112617)
445073.10	3770010.38	0.11392	(09112617)	445109.49	3770010.38	0.10894	(09112617)
445145.88	3770010.38	0.10426	(09093001)	445182.27	3770010.38	0.10012	(09093001)
445218.66	3770010.38	0.09617	(09093001)	444781.98	3770021.95	0.14905	(09093001)
444818.37	3770021.95	0.14487	(09112617)	444854.76	3770021.95	0.14043	(09112617)

444891.15 3770021.95 0.13570 (09112617)
444927.54 3770021.95 0.13075 (09112617)
444963.93 3770021.95 0.12567 (09112617)
445000.32 3770021.95 0.12057 (09112617)
445036.71 3770021.95 0.11552 (09112617)
445073.10 3770021.95 0.11060 (09112617)
445109.49 3770021.95 0.10585 (09093001)
445145.88 3770021.95 0.10171 (09093001)
445182.27 3770021.95 0.09774 (09093001)
445218.66 3770021.95 0.09395 (09093001)
444781.98 3770033.52 0.14534 (09112617)
444818.37 3770033.52 0.14110 (09112617)
444854.76 3770033.52 0.13658 (09112617)
444891.15 3770033.52 0.13184 (09112617)
444927.54 3770033.52 0.12694 (09112617)
444963.93 3770033.52 0.12198 (09112617)
445000.32 3770033.52 0.11704 (09112617)
445036.71 3770033.52 0.11218 (09112617)
445073.10 3770033.52 0.10745 (09112617)
445109.49 3770033.52 0.10325 (09093001)
445145.88 3770033.52 0.09927 (09093001)
445182.27 3770033.52 0.09547 (09093001)
445218.66 3770033.52 0.09191 (09072503)
445249.38 3770033.52 0.08908 (09072503)
444781.98 3770045.09 0.14169 (09112617)
444818.37 3770045.09 0.13737 (09112617)
444854.76 3770045.09 0.13282 (09112617)
444891.15 3770045.09 0.12810 (09112617)
444927.54 3770045.09 0.12329 (09112617)
444963.93 3770045.09 0.11846 (09112617)
445000.32 3770045.09 0.11367 (09112617)
445036.71 3770045.09 0.10899 (09112617)
445073.10 3770045.09 0.10475 (09093001)
445109.49 3770045.09 0.10077 (09093001)
445145.88 3770045.09 0.09695 (09093001)
445182.27 3770045.09 0.09338 (09072503)
445218.66 3770045.09 0.09002 (09072503)
445255.05 3770045.09 0.08680 (09072503)
444818.37 3770056.66 0.13371 (09112617)
444854.76 3770056.66 0.12916 (09112617)
444891.15 3770056.66 0.12450 (09112617)
444927.54 3770056.66 0.11978 (09112617)
444963.93 3770056.66 0.11509 (09112617)
445000.32 3770056.66 0.11046 (09112617)
445036.71 3770056.66 0.10621 (09093001)
445073.10 3770056.66 0.10222 (09093001)
445109.49 3770056.66 0.09839 (09093001)
445145.88 3770056.66 0.09482 (09072503)
445182.27 3770056.66 0.09144 (09072503)
445218.66 3770056.66 0.08820 (09072503)
445255.05 3770056.66 0.08509 (09072503)
444818.37 3770068.23 0.13012 (09112617)
444854.76 3770068.23 0.12560 (09112617)
444891.15 3770068.23 0.12101 (09112617)

444927.54 3770068.23 0.11642 (09112617)
444963.93 3770068.23 0.11186 (09112617)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0030531 , L0030532 , L0030533 , L0030534 , L0030535 , L0030536 , L0030537 , L0030538 , L0030539 , L0030540 , L0030541 , L0030542 , L0030543 , L0030544 , L0030545 , L0030546 , L0030547 , L0030548 , L0030549 , L0030550 , L0030551 , L0030552 , L0030553 , L0030554 , L0030555 , L0030556 , L0030557 , L0030558 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
445000.32	3770068.23	0.10762	(09093001)	445036.71	3770068.23	0.10363	(09093001)
445073.10	3770068.23	0.09980	(09093001)	445109.49	3770068.23	0.09623	(09072503)
445145.88	3770068.23	0.09283	(09072503)	445182.27	3770068.23	0.08956	(09072503)
445218.66	3770068.23	0.08644	(09072503)	445255.05	3770068.23	0.08345	(09072503)
444818.37	3770079.80	0.12662	(09112617)	444854.76	3770079.80	0.12216	(09112617)
444891.15	3770079.80	0.11766	(09112617)	444927.54	3770079.80	0.11319	(09112617)
444963.93	3770079.80	0.10900	(09093001)	445000.32	3770079.80	0.10501	(09093001)
445036.71	3770079.80	0.10118	(09072503)	445073.10	3770079.80	0.09761	(09072503)
445109.49	3770079.80	0.09418	(09072503)	445145.88	3770079.80	0.09090	(09072503)
445182.27	3770079.80	0.08776	(09072503)	445218.66	3770079.80	0.08475	(09072503)
445255.05	3770079.80	0.08186	(09072503)	444818.37	3770091.37	0.12321	(09112617)
444854.76	3770091.37	0.11882	(09112617)	444891.15	3770091.37	0.11445	(09093001)

444927.54 3770091.37 0.11033 (09093001)
444963.93 3770091.37 0.10635 (09093001)
445000.32 3770091.37 0.10253 (09072503)
445036.71 3770091.37 0.09895 (09072503)
445073.10 3770091.37 0.09551 (09072503)
445109.49 3770091.37 0.09221 (09072503)
445145.88 3770091.37 0.08905 (09072503)
445182.27 3770091.37 0.08601 (09072503)
445218.66 3770091.37 0.08311 (09072503)
445255.05 3770091.37 0.08033 (09072503)
444818.37 3770102.94 0.11997 (09093001)
444854.76 3770102.94 0.11574 (09093001)
444891.15 3770102.94 0.11163 (09093001)
444927.54 3770102.94 0.10764 (09093001)
444963.93 3770102.94 0.10386 (09072503)
445000.32 3770102.94 0.10026 (09072503)
445036.71 3770102.94 0.09681 (09072503)
445073.10 3770102.94 0.09349 (09072503)
445109.49 3770102.94 0.09031 (09072503)
445145.88 3770102.94 0.08725 (09072503)
445182.27 3770102.94 0.08433 (09072503)
445218.66 3770102.94 0.08152 (09072503)
445255.05 3770102.94 0.07883 (09072503)
444818.37 3770114.51 0.11698 (09093001)
444854.76 3770114.51 0.11288 (09093001)
444891.15 3770114.51 0.10890 (09093001)
444927.54 3770114.51 0.10515 (09072503)
444963.93 3770114.51 0.10154 (09072503)
445000.32 3770112.15 0.09851 (09072503)
445036.71 3770112.15 0.09515 (09072503)
445073.10 3770111.76 0.09200 (09072503)
445109.49 3770111.28 0.08897 (09072503)
445145.88 3770110.81 0.08607 (09072503)
445182.73 3770110.35 0.08324 (09072503)
445217.74 3770109.89 0.08066 (09072503)
445271.22 3770102.96 0.07767 (09072503)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL *** INCLUDING SOURCE(S): L0030531 , L0030532 , L0030533 , L0030534 , L0030535 , L0030536 , L0030537 , L0030538 , L0030539 , L0030540 , L0030541 , L0030542 , L0030543 , L0030544 , L0030545 , L0030546 , L0030547 , L0030548 , L0030549 , L0030550 , L0030551 , L0030552 , L0030553 , L0030554 , L0030555 , L0030556 , L0030557 , L0030558 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
444781.98	3769929.39	0.10350	(06101008)	444818.37	3769929.39	0.10135	(06101008)
444854.76	3769929.39	0.09938	(06101008)	444891.15	3769929.39	0.09754	(06101008)
444927.54	3769929.39	0.09584	(06101008)	444963.93	3769929.39	0.09422	(06101008)
445000.32	3769929.39	0.09261	(06101008)	445036.71	3769929.39	0.09098	(06101008)
445073.10	3769929.39	0.08960	(07010424)	445109.49	3769929.39	0.08863	(07010424)
445145.88	3769929.39	0.08775	(07010424)	445182.27	3769929.39	0.08697	(07010424)
444781.98	3769940.96	0.10071	(06101008)	444818.37	3769940.96	0.09863	(06101008)
444854.76	3769940.96	0.09673	(06101008)	444891.15	3769940.96	0.09496	(06101008)
444927.54	3769940.96	0.09329	(06101008)	444963.93	3769940.96	0.09168	(06101008)
445000.32	3769940.96	0.09007	(06101008)	445036.71	3769940.96	0.08846	(06101008)
445073.10	3769940.96	0.08734	(07010424)	445109.49	3769940.96	0.08640	(07010424)
445145.88	3769940.96	0.08556	(07010424)	445182.27	3769940.96	0.08479	(07010424)

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        444781.98   3769952.53        0.09808  (06101008)
444818.37   3769952.53        0.09608  (06101008)
        444854.76   3769952.53        0.09424  (06101008)
444891.15   3769952.53        0.09251  (06101008)
        444927.54   3769952.53        0.09087  (06101008)
444963.93   3769952.53        0.08927  (06101008)
        445000.32   3769952.53        0.08767  (06101008)
445036.71   3769952.53        0.08623  (07010424)
        445073.10   3769952.53        0.08522  (07010424)
445109.49   3769952.53        0.08431  (07010424)
        445145.88   3769952.53        0.08349  (07010424)
445182.27   3769952.53        0.08274  (07010424)
        444781.98   3769964.10        0.09559  (06101008)
444818.37   3769964.10        0.09365  (06101008)
        444854.76   3769964.10        0.09187  (06101008)
444891.15   3769964.10        0.09018  (06101008)
        444927.54   3769964.10        0.08856  (06101008)
444963.93   3769964.10        0.08697  (06101008)
        445000.32   3769964.10        0.08538  (06101008)
445036.71   3769964.10        0.08420  (07010424)
        445073.10   3769964.10        0.08322  (07010424)
445109.49   3769964.10        0.08233  (07010424)
        445145.88   3769964.10        0.08153  (07010424)
445182.27   3769964.10        0.08081  (07010424)
        445218.66   3769964.10        0.08014  (07010424)
444781.98   3769975.67        0.09323  (06101008)
        444818.37   3769975.67        0.09136  (06101008)
444854.76   3769975.67        0.08962  (06101008)
        444891.15   3769975.67        0.08796  (06101008)
444927.54   3769975.67        0.08636  (06101008)
        444963.93   3769975.67        0.08478  (06101008)
445000.32   3769975.67        0.08336  (07010424)
        445036.71   3769975.67        0.08229  (07010424)
445073.10   3769975.67        0.08133  (07010424)
        445109.49   3769975.67        0.08046  (07010424)
445145.88   3769975.67        0.07968  (07010424)
        445182.27   3769975.67        0.07898  (07010424)
445218.66   3769975.67        0.07829  (07010424)
        444781.98   3769987.24        0.09099  (06101008)
444818.37   3769987.24        0.08918  (06101008)
        444854.76   3769987.24        0.08747  (06101008)
444891.15   3769987.24        0.08584  (06101008)
        444927.54   3769987.24        0.08424  (06101008)
444963.93   3769987.24        0.08268  (06101008)
        445000.32   3769987.24        0.08152  (07010424)
445036.71   3769987.24        0.08047  (07010424)
        445073.10   3769987.24        0.07953  (07010424)
445109.49   3769987.24        0.07869  (07010424)
        445145.88   3769987.24        0.07793  (07010424)
445182.27   3769987.24        0.07724  (07010424)
        445218.66   3769987.24        0.07652  (07010424)
444781.98   3769998.81        0.08886  (06101008)
        444818.37   3769998.81        0.08709  (06101008)
444854.76   3769998.81        0.08542  (06101008)
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444891.15 3769998.81 0.08380 (06101008)
444927.54 3769998.81 0.08222 (06101008)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0030531 , L0030532 , L0030533 , L0030534 , L0030535 , L0030536 , L0030537 , L0030538 , L0030539 , L0030540 , L0030541 , L0030542 , L0030543 , L0030544 , L0030545 , L0030546 , L0030547 , L0030548 , L0030549 , L0030550 , L0030551 , L0030552 , L0030553 , L0030554 , L0030555 , L0030556 , L0030557 , L0030558 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
444963.93	3769998.81	0.08089	(07010424)	445000.32	3769998.81	0.07977	(07010424)
445036.71	3769998.81	0.07875	(07010424)	445073.10	3769998.81	0.07783	(07010424)
445109.49	3769998.81	0.07701	(07010424)	445145.88	3769998.81	0.07627	(07010424)
445182.27	3769998.81	0.07560	(07010424)	445218.66	3769998.81	0.07481	(07010424)
444781.98	3770010.38	0.08682	(06101008)	444818.37	3770010.38	0.08509	(06101008)
444854.76	3770010.38	0.08344	(06101008)	444891.15	3770010.38	0.08184	(06101008)
444927.54	3770010.38	0.08039	(07010424)	444963.93	3770010.38	0.07920	(07010424)
445000.32	3770010.38	0.07811	(07010424)	445036.71	3770010.38	0.07712	(07010424)
445073.10	3770010.38	0.07622	(07010424)	445109.49	3770010.38	0.07542	(07010424)
445145.88	3770010.38	0.07469	(07010424)	445182.27	3770010.38	0.07402	(07010424)
445218.66	3770010.38	0.07317	(07010424)	444781.98	3770021.95	0.08487	(06101008)
444818.37	3770021.95	0.08318	(06101008)	444854.76	3770021.95	0.08155	(06101008)

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        444891.15   3770021.95        0.08002  (07010424)
444927.54   3770021.95        0.07876  (07010424)
        444963.93   3770021.95        0.07760  (07010424)
445000.32   3770021.95        0.07653  (07010424)
        445036.71   3770021.95        0.07556  (07010424)
445073.10   3770021.95        0.07468  (07010424)
        445109.49   3770021.95        0.07390  (07010424)
445145.88   3770021.95        0.07319  (07010424)
        445182.27   3770021.95        0.07252  (07010424)
445218.66   3770021.95        0.07157  (07010424)
        444781.98   3770033.52        0.08300  (06101008)
444818.37   3770033.52        0.08133  (06101008)
        444854.76   3770033.52        0.07980  (07010424)
444891.15   3770033.52        0.07845  (07010424)
        444927.54   3770033.52        0.07721  (07010424)
444963.93   3770033.52        0.07607  (07010424)
        445000.32   3770033.52        0.07503  (07010424)
445036.71   3770033.52        0.07408  (07010424)
        445073.10   3770033.52        0.07322  (07010424)
445109.49   3770033.52        0.07245  (07010424)
        445145.88   3770033.52        0.07175  (07010424)
445182.27   3770033.52        0.07107  (07010424)
        445218.66   3770033.52        0.07002  (07010424)
445249.38   3770033.52        0.06849  (07010424)
        444781.98   3770045.09        0.08137  (07010424)
444818.37   3770045.09        0.07974  (07010424)
        444854.76   3770045.09        0.07827  (07010424)
444891.15   3770045.09        0.07694  (07010424)
        444927.54   3770045.09        0.07573  (07010424)
444963.93   3770045.09        0.07461  (07010424)
        445000.32   3770045.09        0.07359  (07010424)
445036.71   3770045.09        0.07267  (07010424)
        445073.10   3770045.09        0.07182  (07010424)
445109.49   3770045.09        0.07106  (07010424)
        445145.88   3770045.09        0.07038  (07010424)
445182.27   3770045.09        0.06967  (07010424)
        445218.66   3770045.09        0.06852  (07010424)
445255.05   3770045.09        0.06661  (07010424)
        444818.37   3770056.66        0.07825  (07010424)
444854.76   3770056.66        0.07680  (07010424)
        444891.15   3770056.66        0.07550  (07010424)
444927.54   3770056.66        0.07431  (07010424)
        444963.93   3770056.66        0.07322  (07010424)
445000.32   3770056.66        0.07222  (07010424)
        445036.71   3770056.66        0.07131  (07010424)
445073.10   3770056.66        0.07049  (07010424)
        445109.49   3770056.66        0.06974  (07010424)
445145.88   3770056.66        0.06907  (07010424)
        445182.27   3770056.66        0.06833  (07010424)
445218.66   3770056.66        0.06707  (07010424)
        445255.05   3770056.66        0.06514  (07010424)
444818.37   3770068.23        0.07682  (07010424)
        444854.76   3770068.23        0.07541  (07010424)
444891.15   3770068.23        0.07413  (07010424)
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444927.54 3770068.23 0.07296 (07010424)
444963.93 3770068.23 0.07189 (07010424)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0030531 , L0030532 , L0030533 , L0030534 , L0030535 , L0030536 , L0030537 , L0030538 , L0030539 , L0030540 , L0030541 , L0030542 , L0030543 , L0030544 , L0030545 , L0030546 , L0030547 , L0030548 , L0030549 , L0030550 , L0030551 , L0030552 , L0030553 , L0030554 , L0030555 , L0030556 , L0030557 , L0030558 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
445000.32	3770068.23	0.07091	(07010424)	445036.71	3770068.23	0.07002	(07010424)
445073.10	3770068.23	0.06921	(07010424)	445109.49	3770068.23	0.06848	(07010424)
445145.88	3770068.23	0.06781	(07010424)	445182.27	3770068.23	0.06702	(07010424)
445218.66	3770068.23	0.06567	(07010424)	445255.05	3770068.23	0.06374	(07010424)
444818.37	3770079.80	0.07545	(07010424)	444854.76	3770079.80	0.07407	(07010424)
444891.15	3770079.80	0.07281	(07010424)	444927.54	3770079.80	0.07166	(07010424)
444963.93	3770079.80	0.07061	(07010424)	445000.32	3770079.80	0.06965	(07010424)
445036.71	3770079.80	0.06878	(07010424)	445073.10	3770079.80	0.06798	(07010424)
445109.49	3770079.80	0.06727	(07010424)	445145.88	3770079.80	0.06659	(07010424)
445182.27	3770079.80	0.06574	(07010424)	445218.66	3770079.80	0.06432	(07010424)
445255.05	3770079.80	0.06240	(07010424)	444818.37	3770091.37	0.07415	(07010424)
444854.76	3770091.37	0.07279	(07010424)	444891.15	3770091.37	0.07155	(07010424)

444927.54 3770091.37 0.07042 (07010424)
444963.93 3770091.37 0.06939 (07010424)
445000.32 3770091.37 0.06845 (07010424)
445036.71 3770091.37 0.06759 (07010424)
445073.10 3770091.37 0.06681 (07010424)
445109.49 3770091.37 0.06610 (07010424)
445145.88 3770091.37 0.06542 (07010424)
445182.27 3770091.37 0.06450 (07010424)
445218.66 3770091.37 0.06302 (07010424)
445255.05 3770091.37 0.06112 (07010424)
444818.37 3770102.94 0.07289 (07010424)
444854.76 3770102.94 0.07155 (07010424)
444891.15 3770102.94 0.07034 (07010424)
444927.54 3770102.94 0.06923 (07010424)
444963.93 3770102.94 0.06822 (07010424)
445000.32 3770102.94 0.06729 (07010424)
445036.71 3770102.94 0.06645 (07010424)
445073.10 3770102.94 0.06568 (07010424)
445109.49 3770102.94 0.06499 (07010424)
445145.88 3770102.94 0.06429 (07010424)
445182.27 3770102.94 0.06330 (07010424)
445218.66 3770102.94 0.06177 (07010424)
445255.05 3770102.94 0.05990 (07010424)
444818.37 3770114.51 0.07168 (07010424)
444854.76 3770114.51 0.07037 (07010424)
444891.15 3770114.51 0.06918 (07010424)
444927.54 3770114.51 0.06809 (07010424)
444963.93 3770114.51 0.06709 (07010424)
445000.32 3770112.15 0.06641 (07010424)
445036.71 3770112.15 0.06557 (07010424)
445073.10 3770111.76 0.06485 (07010424)
445109.49 3770111.28 0.06421 (07010424)
445145.88 3770110.81 0.06353 (07010424)
445182.73 3770110.35 0.06253 (07010424)
445217.74 3770109.89 0.06108 (07010424)
445271.22 3770102.96 0.05904 (07010424)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

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

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

NETWORK GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.18014	ON 09112617: AT (444781.98, 3769929.39, 270.00, 270.00, 0.00)	DC	

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

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

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

NETWORK GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.10350	ON 06101008: AT (444781.98, 3769929.39, 270.00, 270.00, 0.00)	DC	

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

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 845 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 0 Calm Hours Identified

A Total of 845 Missing Hours Identified (1.93 Percent)

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

******** WARNING MESSAGES ********
ME W396 1537 MEOPEN: Met data from outdated version of AERMET, version: 12345
ME W531 1537 MEOPEN: CAUTION! Met Station ID Missing from SURFFILE for SURFDATA

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

AERMOD MODEL OUTPUT SUMMARY FILE (TOG GAS)

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.7.0
** Lakes Environmental Software Inc.
** Date: 10/21/2014
** File: U:\UcJobs\_08600-09000\_09000\09034\AERMOD\Residences Near FWY
HRA\TOG GAS\TOG GAS.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE U:\UcJobs\_08600-09000\_09000\09034\AERMOD\Residences Near
FWY HRA\r
   MODELOPT CONC FLAT  FASTALL
   AVERTIME 1 8 ANNUAL
   URBANOPT 2015355
   POLLUTID TOGGAS
   RUNORNOT RUN
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 = SLINE1
** DESCRSRC Eastbound on the 10
** PREFIX
** Length of Side = 18.80
** Configuration = Adjacent
** Emission Rate = 0.02287
** Vertical Dimension = 5.85
** SZINIT = 2.72
** Nodes = 13
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** 444841.645, 3769606.033, 0.00, 0.00, 8.74
** 444750.998, 3769608.551, 0.00, 0.00, 8.74
** 444641.465, 3769619.882, 0.00, 0.00, 8.74
** 444533.191, 3769634.990, 0.00, 0.00, 8.74
** 444412.957, 3769654.504, 0.00, 0.00, 8.74
** 444242.993, 3769696.681, 0.00, 0.00, 8.74
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** 444049.737, 3769762.778, 0.00, 0.00, 8.74
** 443921.949, 3769816.915, 0.00, 0.00, 8.74
** 443784.718, 3769886.789, 0.00, 0.00, 8.74
** 443623.567, 3769984.991, 0.00, 0.00, 8.74
** 443434.718, 3770115.297, 0.00, 0.00, 8.74
** 442982.277, 3770432.001, 0.00, 0.00, 8.74
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   LOCATION L0031217     VOLUME   445383.652 3769598.247 0.0
   LOCATION L0031218     VOLUME   445364.854 3769598.517 0.0
   LOCATION L0031219     VOLUME   445346.056 3769598.787 0.0
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   LOCATION L0031221     VOLUME   445308.460 3769599.327 0.0
   LOCATION L0031222     VOLUME   445289.662 3769599.597 0.0
   LOCATION L0031223     VOLUME   445270.864 3769599.867 0.0
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   LOCATION L0031258     VOLUME   444613.796 3769623.743 0.0
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   LOCATION L0031260     VOLUME   444576.556 3769628.939 0.0
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LOCATION L0031272     VOLUME   444354.716 3769668.957 0.0
LOCATION L0031273     VOLUME   444336.470 3769673.485 0.0
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LOCATION L0031279     VOLUME   444227.392 3769702.017 0.0
LOCATION L0031280     VOLUME   444209.604 3769708.100 0.0
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LOCATION L0031294     VOLUME   443962.961 3769799.540 0.0
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   LOCATION L0031327     VOLUME   443431.681 3770117.422 0.0
   LOCATION L0031328     VOLUME   443416.280 3770128.203 0.0
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   LOCATION L0031333     VOLUME   443339.272 3770182.108 0.0
   LOCATION L0031334     VOLUME   443323.870 3770192.889 0.0
   LOCATION L0031335     VOLUME   443308.468 3770203.670 0.0
   LOCATION L0031336     VOLUME   443293.067 3770214.451 0.0
   LOCATION L0031337     VOLUME   443277.665 3770225.232 0.0
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   LOCATION L0031356     VOLUME   442985.034 3770430.071 0.0
** End of LINE VOLUME Source ID = SLINE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Westbound on the 10
** PREFIX
** Length of Side = 18.80
** Configuration = Adjacent
** Emission Rate = 0.02266
** Vertical Dimension = 5.85
** SZINIT = 2.72
** Nodes = 15
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LOCATION L0031435 VOLUME 444274.076 3769725.694 0.0
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LOCATION L0031446 VOLUME 444477.602 3769690.973 0.0
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   LOCATION L0031462     VOLUME   444776.777 3769660.523 0.0
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   LOCATION L0031467     VOLUME   444870.402 3769652.452 0.0
   LOCATION L0031468     VOLUME   444889.051 3769650.074 0.0
   LOCATION L0031469     VOLUME   444907.700 3769647.695 0.0
   LOCATION L0031470     VOLUME   444926.348 3769645.316 0.0
   LOCATION L0031471     VOLUME   444944.997 3769642.938 0.0
   LOCATION L0031472     VOLUME   444963.646 3769640.559 0.0
   LOCATION L0031473     VOLUME   444982.295 3769638.180 0.0
   LOCATION L0031474     VOLUME   445001.031 3769636.697 0.0
   LOCATION L0031475     VOLUME   445019.789 3769635.435 0.0
   LOCATION L0031476     VOLUME   445038.546 3769634.172 0.0
   LOCATION L0031477     VOLUME   445057.304 3769632.910 0.0
   LOCATION L0031478     VOLUME   445076.062 3769631.647 0.0
   LOCATION L0031479     VOLUME   445094.819 3769630.385 0.0
   LOCATION L0031480     VOLUME   445113.577 3769629.122 0.0
   LOCATION L0031481     VOLUME   445132.334 3769627.860 0.0
   LOCATION L0031482     VOLUME   445151.125 3769627.359 0.0
   LOCATION L0031483     VOLUME   445169.921 3769626.972 0.0
   LOCATION L0031484     VOLUME   445188.717 3769626.586 0.0
   LOCATION L0031485     VOLUME   445207.513 3769626.200 0.0
   LOCATION L0031486     VOLUME   445226.309 3769625.814 0.0
   LOCATION L0031487     VOLUME   445245.106 3769625.511 0.0
   LOCATION L0031488     VOLUME   445263.906 3769625.392 0.0
   LOCATION L0031489     VOLUME   445282.706 3769625.274 0.0
   LOCATION L0031490     VOLUME   445301.505 3769625.155 0.0
   LOCATION L0031491     VOLUME   445320.305 3769625.036 0.0
   LOCATION L0031492     VOLUME   445339.105 3769624.918 0.0
   LOCATION L0031493     VOLUME   445357.904 3769624.799 0.0
   LOCATION L0031494     VOLUME   445376.704 3769624.681 0.0
   LOCATION L0031495     VOLUME   445395.504 3769624.562 0.0
   LOCATION L0031496     VOLUME   445414.303 3769624.443 0.0
   LOCATION L0031497     VOLUME   445433.103 3769624.325 0.0
** End of LINE VOLUME Source ID = SLINE2
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Eastbound On Ramp
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** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.0009
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 5
** 443693.355, 3769893.945, 0.00, 0.00, 4.19
** 443827.930, 3769836.787, 0.00, 0.00, 4.19
** 443890.877, 3769802.058, 0.00, 0.00, 4.19
** 444196.883, 3769703.902, 0.00, 0.00, 4.19
** 444359.511, 3769658.135, 0.00, 0.00, 4.19
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   LOCATION L0031498     VOLUME   443697.497 3769892.186 0.0
   LOCATION L0031499     VOLUME   443705.781 3769888.668 0.0
   LOCATION L0031500     VOLUME   443714.064 3769885.149 0.0
   LOCATION L0031501     VOLUME   443722.348 3769881.631 0.0
   LOCATION L0031502     VOLUME   443730.632 3769878.112 0.0
   LOCATION L0031503     VOLUME   443738.916 3769874.594 0.0
   LOCATION L0031504     VOLUME   443747.200 3769871.076 0.0
   LOCATION L0031505     VOLUME   443755.483 3769867.557 0.0
   LOCATION L0031506     VOLUME   443763.767 3769864.039 0.0
   LOCATION L0031507     VOLUME   443772.051 3769860.521 0.0
   LOCATION L0031508     VOLUME   443780.335 3769857.002 0.0
   LOCATION L0031509     VOLUME   443788.618 3769853.484 0.0
   LOCATION L0031510     VOLUME   443796.902 3769849.965 0.0
   LOCATION L0031511     VOLUME   443805.186 3769846.447 0.0
   LOCATION L0031512     VOLUME   443813.470 3769842.929 0.0
   LOCATION L0031513     VOLUME   443821.754 3769839.410 0.0
   LOCATION L0031514     VOLUME   443829.935 3769835.681 0.0
   LOCATION L0031515     VOLUME   443837.815 3769831.333 0.0
   LOCATION L0031516     VOLUME   443845.695 3769826.986 0.0
   LOCATION L0031517     VOLUME   443853.575 3769822.638 0.0
   LOCATION L0031518     VOLUME   443861.455 3769818.290 0.0
   LOCATION L0031519     VOLUME   443869.336 3769813.942 0.0
   LOCATION L0031520     VOLUME   443877.216 3769809.595 0.0
   LOCATION L0031521     VOLUME   443885.096 3769805.247 0.0
   LOCATION L0031522     VOLUME   443893.160 3769801.325 0.0
   LOCATION L0031523     VOLUME   443901.730 3769798.576 0.0
   LOCATION L0031524     VOLUME   443910.300 3769795.828 0.0
   LOCATION L0031525     VOLUME   443918.870 3769793.079 0.0
   LOCATION L0031526     VOLUME   443927.440 3769790.330 0.0
   LOCATION L0031527     VOLUME   443936.010 3769787.581 0.0
   LOCATION L0031528     VOLUME   443944.580 3769784.832 0.0
   LOCATION L0031529     VOLUME   443953.149 3769782.083 0.0
   LOCATION L0031530     VOLUME   443961.719 3769779.334 0.0
   LOCATION L0031531     VOLUME   443970.289 3769776.585 0.0
   LOCATION L0031532     VOLUME   443978.859 3769773.836 0.0
   LOCATION L0031533     VOLUME   443987.429 3769771.087 0.0
   LOCATION L0031534     VOLUME   443995.999 3769768.338 0.0
   LOCATION L0031535     VOLUME   444004.569 3769765.589 0.0
   LOCATION L0031536     VOLUME   444013.139 3769762.841 0.0
   LOCATION L0031537     VOLUME   444021.709 3769760.092 0.0
   LOCATION L0031538     VOLUME   444030.279 3769757.343 0.0
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   LOCATION L0031539     VOLUME   444038.849 3769754.594 0.0
   LOCATION L0031540     VOLUME   444047.419 3769751.845 0.0
   LOCATION L0031541     VOLUME   444055.988 3769749.096 0.0
   LOCATION L0031542     VOLUME   444064.558 3769746.347 0.0
   LOCATION L0031543     VOLUME   444073.128 3769743.598 0.0
   LOCATION L0031544     VOLUME   444081.698 3769740.849 0.0
   LOCATION L0031545     VOLUME   444090.268 3769738.100 0.0
   LOCATION L0031546     VOLUME   444098.838 3769735.351 0.0
   LOCATION L0031547     VOLUME   444107.408 3769732.602 0.0
   LOCATION L0031548     VOLUME   444115.978 3769729.854 0.0
   LOCATION L0031549     VOLUME   444124.548 3769727.105 0.0
   LOCATION L0031550     VOLUME   444133.118 3769724.356 0.0
   LOCATION L0031551     VOLUME   444141.688 3769721.607 0.0
   LOCATION L0031552     VOLUME   444150.258 3769718.858 0.0
   LOCATION L0031553     VOLUME   444158.827 3769716.109 0.0
   LOCATION L0031554     VOLUME   444167.397 3769713.360 0.0
   LOCATION L0031555     VOLUME   444175.967 3769710.611 0.0
   LOCATION L0031556     VOLUME   444184.537 3769707.862 0.0
   LOCATION L0031557     VOLUME   444193.107 3769705.113 0.0
   LOCATION L0031558     VOLUME   444201.729 3769702.538 0.0
   LOCATION L0031559     VOLUME   444210.393 3769700.100 0.0
   LOCATION L0031560     VOLUME   444219.056 3769697.662 0.0
   LOCATION L0031561     VOLUME   444227.720 3769695.224 0.0
   LOCATION L0031562     VOLUME   444236.383 3769692.786 0.0
   LOCATION L0031563     VOLUME   444245.047 3769690.348 0.0
   LOCATION L0031564     VOLUME   444253.710 3769687.910 0.0
   LOCATION L0031565     VOLUME   444262.374 3769685.472 0.0
   LOCATION L0031566     VOLUME   444271.037 3769683.034 0.0
   LOCATION L0031567     VOLUME   444279.701 3769680.596 0.0
   LOCATION L0031568     VOLUME   444288.364 3769678.158 0.0
   LOCATION L0031569     VOLUME   444297.028 3769675.719 0.0
   LOCATION L0031570     VOLUME   444305.691 3769673.281 0.0
   LOCATION L0031571     VOLUME   444314.355 3769670.843 0.0
   LOCATION L0031572     VOLUME   444323.018 3769668.405 0.0
   LOCATION L0031573     VOLUME   444331.681 3769665.967 0.0
   LOCATION L0031574     VOLUME   444340.345 3769663.529 0.0
   LOCATION L0031575     VOLUME   444349.008 3769661.091 0.0
   LOCATION L0031576     VOLUME   444357.672 3769658.653 0.0
** End of LINE VOLUME Source ID = SLINE3
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Eastbound Off Ramp
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.00089
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 7
** 443434.721, 3770105.734, 0.00, 0.00, 4.19
** 443513.378, 3770039.550, 0.00, 0.00, 4.19
** 443562.664, 3769990.465, 0.00, 0.00, 4.19
** 443603.299, 3769952.042, 0.00, 0.00, 4.19
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** 443629.554, 3769929.400, 0.00, 0.00, 4.19
** 443668.092, 3769910.812, 0.00, 0.00, 4.19
** 443675.346, 3769907.638, 0.00, 0.00, 4.19
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   LOCATION L0031577     VOLUME   443438.165 3770102.837 0.0
   LOCATION L0031578     VOLUME   443445.051 3770097.042 0.0
   LOCATION L0031579     VOLUME   443451.938 3770091.248 0.0
   LOCATION L0031580     VOLUME   443458.824 3770085.453 0.0
   LOCATION L0031581     VOLUME   443465.711 3770079.659 0.0
   LOCATION L0031582     VOLUME   443472.597 3770073.864 0.0
   LOCATION L0031583     VOLUME   443479.484 3770068.070 0.0
   LOCATION L0031584     VOLUME   443486.370 3770062.275 0.0
   LOCATION L0031585     VOLUME   443493.257 3770056.481 0.0
   LOCATION L0031586     VOLUME   443500.143 3770050.686 0.0
   LOCATION L0031587     VOLUME   443507.030 3770044.892 0.0
   LOCATION L0031588     VOLUME   443513.876 3770039.054 0.0
   LOCATION L0031589     VOLUME   443520.253 3770032.703 0.0
   LOCATION L0031590     VOLUME   443526.630 3770026.352 0.0
   LOCATION L0031591     VOLUME   443533.007 3770020.001 0.0
   LOCATION L0031592     VOLUME   443539.384 3770013.650 0.0
   LOCATION L0031593     VOLUME   443545.761 3770007.299 0.0
   LOCATION L0031594     VOLUME   443552.138 3770000.948 0.0
   LOCATION L0031595     VOLUME   443558.515 3769994.597 0.0
   LOCATION L0031596     VOLUME   443564.949 3769988.305 0.0
   LOCATION L0031597     VOLUME   443571.488 3769982.121 0.0
   LOCATION L0031598     VOLUME   443578.028 3769975.938 0.0
   LOCATION L0031599     VOLUME   443584.567 3769969.754 0.0
   LOCATION L0031600     VOLUME   443591.107 3769963.571 0.0
   LOCATION L0031601     VOLUME   443597.646 3769957.388 0.0
   LOCATION L0031602     VOLUME   443604.223 3769951.246 0.0
   LOCATION L0031603     VOLUME   443611.039 3769945.368 0.0
   LOCATION L0031604     VOLUME   443617.854 3769939.490 0.0
   LOCATION L0031605     VOLUME   443624.670 3769933.612 0.0
   LOCATION L0031606     VOLUME   443631.851 3769928.292 0.0
   LOCATION L0031607     VOLUME   443639.958 3769924.382 0.0
   LOCATION L0031608     VOLUME   443648.064 3769920.472 0.0
   LOCATION L0031609     VOLUME   443656.170 3769916.562 0.0
   LOCATION L0031610     VOLUME   443664.276 3769912.652 0.0
   LOCATION L0031611     VOLUME   443672.456 3769908.902 0.0
** End of LINE VOLUME Source ID = SLINE4
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC Westbound On Ramp from NB
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.00049
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 10
** 443736.883, 3770048.559, 0.00, 0.00, 4.19
** 443813.192, 3770026.592, 0.00, 0.00, 4.19
** 443844.024, 3770001.541, 0.00, 0.00, 4.19
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** 443859.825, 3769971.865, 0.00, 0.00, 4.19
** 443854.815, 3769946.814, 0.00, 0.00, 4.19
** 443836.701, 3769928.700, 0.00, 0.00, 4.19
** 443818.587, 3769925.617, 0.00, 0.00, 4.19
** 443789.682, 3769934.481, 0.00, 0.00, 4.19
** 443698.342, 3769978.417, 0.00, 0.00, 4.19
** 443603.149, 3770038.154, 0.00, 0.00, 4.19
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   LOCATION L0031612     VOLUME   443741.207 3770047.315 0.0
   LOCATION L0031613     VOLUME   443749.856 3770044.825 0.0
   LOCATION L0031614     VOLUME   443758.504 3770042.335 0.0
   LOCATION L0031615     VOLUME   443767.153 3770039.845 0.0
   LOCATION L0031616     VOLUME   443775.802 3770037.355 0.0
   LOCATION L0031617     VOLUME   443784.451 3770034.866 0.0
   LOCATION L0031618     VOLUME   443793.099 3770032.376 0.0
   LOCATION L0031619     VOLUME   443801.748 3770029.886 0.0
   LOCATION L0031620     VOLUME   443810.397 3770027.396 0.0
   LOCATION L0031621     VOLUME   443817.920 3770022.750 0.0
   LOCATION L0031622     VOLUME   443824.905 3770017.075 0.0
   LOCATION L0031623     VOLUME   443831.890 3770011.400 0.0
   LOCATION L0031624     VOLUME   443838.875 3770005.724 0.0
   LOCATION L0031625     VOLUME   443845.136 3769999.453 0.0
   LOCATION L0031626     VOLUME   443849.366 3769991.509 0.0
   LOCATION L0031627     VOLUME   443853.596 3769983.565 0.0
   LOCATION L0031628     VOLUME   443857.825 3769975.621 0.0
   LOCATION L0031629     VOLUME   443858.895 3769967.212 0.0
   LOCATION L0031630     VOLUME   443857.130 3769958.387 0.0
   LOCATION L0031631     VOLUME   443855.365 3769949.562 0.0
   LOCATION L0031632     VOLUME   443850.433 3769942.431 0.0
   LOCATION L0031633     VOLUME   443844.069 3769936.067 0.0
   LOCATION L0031634     VOLUME   443837.705 3769929.703 0.0
   LOCATION L0031635     VOLUME   443829.228 3769927.428 0.0
   LOCATION L0031636     VOLUME   443820.356 3769925.918 0.0
   LOCATION L0031637     VOLUME   443811.698 3769927.730 0.0
   LOCATION L0031638     VOLUME   443803.093 3769930.368 0.0
   LOCATION L0031639     VOLUME   443794.489 3769933.007 0.0
   LOCATION L0031640     VOLUME   443786.102 3769936.203 0.0
   LOCATION L0031641     VOLUME   443777.992 3769940.104 0.0
   LOCATION L0031642     VOLUME   443769.881 3769944.005 0.0
   LOCATION L0031643     VOLUME   443761.771 3769947.907 0.0
   LOCATION L0031644     VOLUME   443753.660 3769951.808 0.0
   LOCATION L0031645     VOLUME   443745.550 3769955.709 0.0
   LOCATION L0031646     VOLUME   443737.439 3769959.610 0.0
   LOCATION L0031647     VOLUME   443729.329 3769963.512 0.0
   LOCATION L0031648     VOLUME   443721.218 3769967.413 0.0
   LOCATION L0031649     VOLUME   443713.108 3769971.314 0.0
   LOCATION L0031650     VOLUME   443704.997 3769975.215 0.0
   LOCATION L0031651     VOLUME   443696.974 3769979.275 0.0
   LOCATION L0031652     VOLUME   443689.351 3769984.059 0.0
   LOCATION L0031653     VOLUME   443681.728 3769988.843 0.0
   LOCATION L0031654     VOLUME   443674.104 3769993.627 0.0
   LOCATION L0031655     VOLUME   443666.481 3769998.411 0.0
   LOCATION L0031656     VOLUME   443658.858 3770003.194 0.0
   LOCATION L0031657     VOLUME   443651.234 3770007.978 0.0
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   LOCATION L0031658     VOLUME   443643.611 3770012.762 0.0
   LOCATION L0031659     VOLUME   443635.988 3770017.546 0.0
   LOCATION L0031660     VOLUME   443628.364 3770022.330 0.0
   LOCATION L0031661     VOLUME   443620.741 3770027.114 0.0
   LOCATION L0031662     VOLUME   443613.118 3770031.898 0.0
   LOCATION L0031663     VOLUME   443605.495 3770036.681 0.0
** End of LINE VOLUME Source ID = SLINE5
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE6
** DESCRSRC Westbound On Ramp from SB
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.00027
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 10
** 443692.515, 3770116.063, 0.00, 0.00, 4.19
** 443684.392, 3770090.217, 0.00, 0.00, 4.19
** 443677.746, 3770072.494, 0.00, 0.00, 4.19
** 443661.382, 3770055.772, 0.00, 0.00, 4.19
** 443645.962, 3770049.423, 0.00, 0.00, 4.19
** 443625.554, 3770044.434, 0.00, 0.00, 4.19
** 443606.961, 3770047.609, 0.00, 0.00, 4.19
** 443594.262, 3770053.958, 0.00, 0.00, 4.19
** 443576.575, 3770062.121, 0.00, 0.00, 4.19
** 443493.583, 3770111.553, 0.00, 0.00, 4.19
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   LOCATION L0031664     VOLUME   443691.166 3770111.770 0.0
   LOCATION L0031665     VOLUME   443688.468 3770103.184 0.0
   LOCATION L0031666     VOLUME   443685.769 3770094.598 0.0
   LOCATION L0031667     VOLUME   443682.845 3770086.090 0.0
   LOCATION L0031668     VOLUME   443679.685 3770077.663 0.0
   LOCATION L0031669     VOLUME   443675.313 3770070.007 0.0
   LOCATION L0031670     VOLUME   443669.018 3770063.575 0.0
   LOCATION L0031671     VOLUME   443662.723 3770057.142 0.0
   LOCATION L0031672     VOLUME   443654.833 3770053.075 0.0
   LOCATION L0031673     VOLUME   443646.511 3770049.648 0.0
   LOCATION L0031674     VOLUME   443637.796 3770047.426 0.0
   LOCATION L0031675     VOLUME   443629.053 3770045.289 0.0
   LOCATION L0031676     VOLUME   443620.233 3770045.342 0.0
   LOCATION L0031677     VOLUME   443611.362 3770046.857 0.0
   LOCATION L0031678     VOLUME   443602.904 3770049.637 0.0
   LOCATION L0031679     VOLUME   443594.854 3770053.662 0.0
   LOCATION L0031680     VOLUME   443586.692 3770057.452 0.0
   LOCATION L0031681     VOLUME   443578.520 3770061.223 0.0
   LOCATION L0031682     VOLUME   443570.683 3770065.630 0.0
   LOCATION L0031683     VOLUME   443562.951 3770070.236 0.0
   LOCATION L0031684     VOLUME   443555.219 3770074.842 0.0
   LOCATION L0031685     VOLUME   443547.486 3770079.447 0.0
   LOCATION L0031686     VOLUME   443539.754 3770084.053 0.0
   LOCATION L0031687     VOLUME   443532.022 3770088.658 0.0
   LOCATION L0031688     VOLUME   443524.289 3770093.264 0.0
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   LOCATION L0031689     VOLUME   443516.557 3770097.870 0.0
   LOCATION L0031690     VOLUME   443508.825 3770102.475 0.0
   LOCATION L0031691     VOLUME   443501.092 3770107.081 0.0
** End of LINE VOLUME Source ID = SLINE6
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC Westbound Off Ramp
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.00187
** Vertical Dimension = 5.12
** SZINIT = 2.38
** Nodes = 11
** 444162.465, 3769772.698, 0.00, 0.00, 4.19
** 443973.033, 3769851.672, 0.00, 0.00, 4.19
** 443913.269, 3769887.958, 0.00, 0.00, 4.19
** 443897.794, 3769913.037, 0.00, 0.00, 4.19
** 443881.785, 3769956.793, 0.00, 0.00, 4.19
** 443864.710, 3770002.684, 0.00, 0.00, 4.19
** 443850.836, 3770027.764, 0.00, 0.00, 4.19
** 443833.227, 3770044.306, 0.00, 0.00, 4.19
** 443802.277, 3770055.511, 0.00, 0.00, 4.19
** 443767.059, 3770064.049, 0.00, 0.00, 4.19
** 443730.774, 3770068.318, 0.00, 0.00, 4.19
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   LOCATION L0031692     VOLUME   444158.311 3769774.429 0.0
   LOCATION L0031693     VOLUME   444150.004 3769777.892 0.0
   LOCATION L0031694     VOLUME   444141.697 3769781.356 0.0
   LOCATION L0031695     VOLUME   444133.390 3769784.819 0.0
   LOCATION L0031696     VOLUME   444125.083 3769788.282 0.0
   LOCATION L0031697     VOLUME   444116.776 3769791.745 0.0
   LOCATION L0031698     VOLUME   444108.469 3769795.208 0.0
   LOCATION L0031699     VOLUME   444100.162 3769798.672 0.0
   LOCATION L0031700     VOLUME   444091.855 3769802.135 0.0
   LOCATION L0031701     VOLUME   444083.548 3769805.598 0.0
   LOCATION L0031702     VOLUME   444075.241 3769809.061 0.0
   LOCATION L0031703     VOLUME   444066.934 3769812.524 0.0
   LOCATION L0031704     VOLUME   444058.627 3769815.988 0.0
   LOCATION L0031705     VOLUME   444050.320 3769819.451 0.0
   LOCATION L0031706     VOLUME   444042.013 3769822.914 0.0
   LOCATION L0031707     VOLUME   444033.706 3769826.377 0.0
   LOCATION L0031708     VOLUME   444025.399 3769829.840 0.0
   LOCATION L0031709     VOLUME   444017.092 3769833.304 0.0
   LOCATION L0031710     VOLUME   444008.785 3769836.767 0.0
   LOCATION L0031711     VOLUME   444000.478 3769840.230 0.0
   LOCATION L0031712     VOLUME   443992.171 3769843.693 0.0
   LOCATION L0031713     VOLUME   443983.864 3769847.156 0.0
   LOCATION L0031714     VOLUME   443975.557 3769850.620 0.0
   LOCATION L0031715     VOLUME   443967.678 3769854.923 0.0
   LOCATION L0031716     VOLUME   443959.985 3769859.594 0.0
   LOCATION L0031717     VOLUME   443952.292 3769864.265 0.0
   LOCATION L0031718     VOLUME   443944.598 3769868.936 0.0
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   LOCATION L0031721     VOLUME   443921.519 3769882.948 0.0
   LOCATION L0031722     VOLUME   443913.826 3769887.619 0.0
   LOCATION L0031723     VOLUME   443908.885 3769895.062 0.0
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   LOCATION L0031725     VOLUME   443899.433 3769910.380 0.0
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   LOCATION L0031748     VOLUME   443780.329 3770060.832 0.0
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   LOCATION L0031750     VOLUME   443762.744 3770064.557 0.0
   LOCATION L0031751     VOLUME   443753.805 3770065.608 0.0
   LOCATION L0031752     VOLUME   443744.867 3770066.660 0.0
   LOCATION L0031753     VOLUME   443735.928 3770067.712 0.0
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** Source Parameters **
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SRCPARAM L0031450     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031451     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031452     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031453     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031454     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031455     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031456     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031457     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031458     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031459     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031460     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031461     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031462     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031463     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031464     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031465     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031466     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031467     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031468     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031469     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031470     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031471     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031472     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031473     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031474     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031475     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031476     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031477     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031478     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031479     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031480     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031481     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031482     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031483     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031484     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031485     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031486     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031487     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031488     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031489     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031490     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031491     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031492     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031493     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031494     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031495     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031496     0.0001607092      0.00      8.74      2.72
SRCPARAM L0031497     0.0001607092      0.00      8.74      2.72
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** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0031498     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031499     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031500     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031501     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031502     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031503     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031504     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031505     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031506     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031507     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031508     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031509     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031510     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031511     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031512     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031513     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031514     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031515     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031516     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031517     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031518     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031519     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031520     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031521     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031522     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031523     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031524     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031525     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031526     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031527     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031528     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031529     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031530     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031531     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031532     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031533     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031534     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031535     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031536     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031537     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031538     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031539     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031540     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031541     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031542     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031543     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031544     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031545     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031546     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031547     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031548     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031549     0.0000113924      0.00      4.19      2.38
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   SRCPARAM L0031550     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031551     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031552     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031553     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031554     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031555     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031556     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031557     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031558     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031559     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031560     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031561     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031562     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031563     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031564     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031565     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031566     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031567     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031568     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031569     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031570     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031571     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031572     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031573     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031574     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031575     0.0000113924      0.00      4.19      2.38
   SRCPARAM L0031576     0.0000113924      0.00      4.19      2.38
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0031577     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031578     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031579     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031580     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031581     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031582     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031583     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031584     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031585     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031586     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031587     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031588     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031589     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031590     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031591     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031592     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031593     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031594     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031595     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031596     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031597     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031598     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031599     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031600     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031601     0.0000254286      0.00      4.19      2.38
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   SRCPARAM L0031602     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031603     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031604     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031605     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031606     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031607     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031608     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031609     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031610     0.0000254286      0.00      4.19      2.38
   SRCPARAM L0031611     0.0000254286      0.00      4.19      2.38
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE5
   SRCPARAM L0031612     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031613     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031614     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031615     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031616     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031617     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031618     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031619     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031620     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031621     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031622     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031623     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031624     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031625     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031626     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031627     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031628     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031629     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031630     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031631     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031632     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031633     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031634     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031635     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031636     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031637     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031638     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031639     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031640     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031641     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031642     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031643     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031644     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031645     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031646     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031647     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031648     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031649     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031650     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031651     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031652     0.000009423       0.00      4.19      2.38
   SRCPARAM L0031653     0.000009423       0.00      4.19      2.38
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   SRCPARAM L0031654     0.000009423      0.00      4.19      2.38
   SRCPARAM L0031655     0.000009423      0.00      4.19      2.38
   SRCPARAM L0031656     0.000009423      0.00      4.19      2.38
   SRCPARAM L0031657     0.000009423      0.00      4.19      2.38
   SRCPARAM L0031658     0.000009423      0.00      4.19      2.38
   SRCPARAM L0031659     0.000009423      0.00      4.19      2.38
   SRCPARAM L0031660     0.000009423      0.00      4.19      2.38
   SRCPARAM L0031661     0.000009423      0.00      4.19      2.38
   SRCPARAM L0031662     0.000009423      0.00      4.19      2.38
   SRCPARAM L0031663     0.000009423      0.00      4.19      2.38
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE6
   SRCPARAM L0031664     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031665     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031666     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031667     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031668     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031669     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031670     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031671     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031672     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031673     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031674     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031675     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031676     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031677     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031678     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031679     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031680     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031681     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031682     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031683     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031684     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031685     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031686     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031687     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031688     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031689     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031690     0.000009643      0.00      4.19      2.38
   SRCPARAM L0031691     0.000009643      0.00      4.19      2.38
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE7
   SRCPARAM L0031692     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031693     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031694     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031695     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031696     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031697     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031698     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031699     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031700     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031701     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031702     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031703     0.0000301613      0.00      4.19      2.38
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   SRCPARAM L0031704     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031705     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031706     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031707     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031708     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031709     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031710     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031711     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031712     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031713     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031714     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031715     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031716     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031717     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031718     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031719     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031720     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031721     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031722     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031723     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031724     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031725     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031726     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031727     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031728     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031729     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031730     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031731     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031732     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031733     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031734     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031735     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031736     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031737     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031738     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031739     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031740     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031741     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031742     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031743     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031744     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031745     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031746     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031747     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031748     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031749     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031750     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031751     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031752     0.0000301613      0.00      4.19      2.38
   SRCPARAM L0031753     0.0000301613      0.00      4.19      2.38
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
```

```
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
** DESCRREC "UCART1" "Receptors generated from Uniform Cartesian Grid"
   DISCCART    444781.98   3769929.39
   DISCCART    444818.37   3769929.39
   DISCCART    444854.76   3769929.39
   DISCCART    444891.15   3769929.39
   DISCCART    444927.54   3769929.39
   DISCCART    444963.93   3769929.39
   DISCCART    445000.32   3769929.39
   DISCCART    445036.71   3769929.39
   DISCCART    445073.10   3769929.39
   DISCCART    445109.49   3769929.39
   DISCCART    445145.88   3769929.39
   DISCCART    445182.27   3769929.39
   DISCCART    444781.98   3769940.96
   DISCCART    444818.37   3769940.96
   DISCCART    444854.76   3769940.96
   DISCCART    444891.15   3769940.96
   DISCCART    444927.54   3769940.96
   DISCCART    444963.93   3769940.96
   DISCCART    445000.32   3769940.96
   DISCCART    445036.71   3769940.96
   DISCCART    445073.10   3769940.96
   DISCCART    445109.49   3769940.96
   DISCCART    445145.88   3769940.96
   DISCCART    445182.27   3769940.96
   DISCCART    444781.98   3769952.53
   DISCCART    444818.37   3769952.53
   DISCCART    444854.76   3769952.53
   DISCCART    444891.15   3769952.53
   DISCCART    444927.54   3769952.53
   DISCCART    444963.93   3769952.53
   DISCCART    445000.32   3769952.53
   DISCCART    445036.71   3769952.53
   DISCCART    445073.10   3769952.53
   DISCCART    445109.49   3769952.53
   DISCCART    445145.88   3769952.53
   DISCCART    445182.27   3769952.53
   DISCCART    444781.98   3769964.10
   DISCCART    444818.37   3769964.10
   DISCCART    444854.76   3769964.10
   DISCCART    444891.15   3769964.10
   DISCCART    444927.54   3769964.10
   DISCCART    444963.93   3769964.10
   DISCCART    445000.32   3769964.10
   DISCCART    445036.71   3769964.10
   DISCCART    445073.10   3769964.10
   DISCCART    445109.49   3769964.10
```

DISCCART	445145.88	3769964.10
DISCCART	445182.27	3769964.10
DISCCART	445218.66	3769964.10
DISCCART	444781.98	3769975.67
DISCCART	444818.37	3769975.67
DISCCART	444854.76	3769975.67
DISCCART	444891.15	3769975.67
DISCCART	444927.54	3769975.67
DISCCART	444963.93	3769975.67
DISCCART	445000.32	3769975.67
DISCCART	445036.71	3769975.67
DISCCART	445073.10	3769975.67
DISCCART	445109.49	3769975.67
DISCCART	445145.88	3769975.67
DISCCART	445182.27	3769975.67
DISCCART	445218.66	3769975.67
DISCCART	444781.98	3769987.24
DISCCART	444818.37	3769987.24
DISCCART	444854.76	3769987.24
DISCCART	444891.15	3769987.24
DISCCART	444927.54	3769987.24
DISCCART	444963.93	3769987.24
DISCCART	445000.32	3769987.24
DISCCART	445036.71	3769987.24
DISCCART	445073.10	3769987.24
DISCCART	445109.49	3769987.24
DISCCART	445145.88	3769987.24
DISCCART	445182.27	3769987.24
DISCCART	445218.66	3769987.24
DISCCART	444781.98	3769998.81
DISCCART	444818.37	3769998.81
DISCCART	444854.76	3769998.81
DISCCART	444891.15	3769998.81
DISCCART	444927.54	3769998.81
DISCCART	444963.93	3769998.81
DISCCART	445000.32	3769998.81
DISCCART	445036.71	3769998.81
DISCCART	445073.10	3769998.81
DISCCART	445109.49	3769998.81
DISCCART	445145.88	3769998.81
DISCCART	445182.27	3769998.81
DISCCART	445218.66	3769998.81
DISCCART	444781.98	3770010.38
DISCCART	444818.37	3770010.38
DISCCART	444854.76	3770010.38
DISCCART	444891.15	3770010.38
DISCCART	444927.54	3770010.38
DISCCART	444963.93	3770010.38
DISCCART	445000.32	3770010.38
DISCCART	445036.71	3770010.38
DISCCART	445073.10	3770010.38
DISCCART	445109.49	3770010.38
DISCCART	445145.88	3770010.38
DISCCART	445182.27	3770010.38

DISCCART	445218.66	3770010.38
DISCCART	444781.98	3770021.95
DISCCART	444818.37	3770021.95
DISCCART	444854.76	3770021.95
DISCCART	444891.15	3770021.95
DISCCART	444927.54	3770021.95
DISCCART	444963.93	3770021.95
DISCCART	445000.32	3770021.95
DISCCART	445036.71	3770021.95
DISCCART	445073.10	3770021.95
DISCCART	445109.49	3770021.95
DISCCART	445145.88	3770021.95
DISCCART	445182.27	3770021.95
DISCCART	445218.66	3770021.95
DISCCART	444781.98	3770033.52
DISCCART	444818.37	3770033.52
DISCCART	444854.76	3770033.52
DISCCART	444891.15	3770033.52
DISCCART	444927.54	3770033.52
DISCCART	444963.93	3770033.52
DISCCART	445000.32	3770033.52
DISCCART	445036.71	3770033.52
DISCCART	445073.10	3770033.52
DISCCART	445109.49	3770033.52
DISCCART	445145.88	3770033.52
DISCCART	445182.27	3770033.52
DISCCART	445218.66	3770033.52
DISCCART	445249.38	3770033.52
DISCCART	444781.98	3770045.09
DISCCART	444818.37	3770045.09
DISCCART	444854.76	3770045.09
DISCCART	444891.15	3770045.09
DISCCART	444927.54	3770045.09
DISCCART	444963.93	3770045.09
DISCCART	445000.32	3770045.09
DISCCART	445036.71	3770045.09
DISCCART	445073.10	3770045.09
DISCCART	445109.49	3770045.09
DISCCART	445145.88	3770045.09
DISCCART	445182.27	3770045.09
DISCCART	445218.66	3770045.09
DISCCART	445255.05	3770045.09
DISCCART	444818.37	3770056.66
DISCCART	444854.76	3770056.66
DISCCART	444891.15	3770056.66
DISCCART	444927.54	3770056.66
DISCCART	444963.93	3770056.66
DISCCART	445000.32	3770056.66
DISCCART	445036.71	3770056.66
DISCCART	445073.10	3770056.66
DISCCART	445109.49	3770056.66
DISCCART	445145.88	3770056.66
DISCCART	445182.27	3770056.66
DISCCART	445218.66	3770056.66

DISCCART	445255.05	3770056.66
DISCCART	444818.37	3770068.23
DISCCART	444854.76	3770068.23
DISCCART	444891.15	3770068.23
DISCCART	444927.54	3770068.23
DISCCART	444963.93	3770068.23
DISCCART	445000.32	3770068.23
DISCCART	445036.71	3770068.23
DISCCART	445073.10	3770068.23
DISCCART	445109.49	3770068.23
DISCCART	445145.88	3770068.23
DISCCART	445182.27	3770068.23
DISCCART	445218.66	3770068.23
DISCCART	445255.05	3770068.23
DISCCART	444818.37	3770079.80
DISCCART	444854.76	3770079.80
DISCCART	444891.15	3770079.80
DISCCART	444927.54	3770079.80
DISCCART	444963.93	3770079.80
DISCCART	445000.32	3770079.80
DISCCART	445036.71	3770079.80
DISCCART	445073.10	3770079.80
DISCCART	445109.49	3770079.80
DISCCART	445145.88	3770079.80
DISCCART	445182.27	3770079.80
DISCCART	445218.66	3770079.80
DISCCART	445255.05	3770079.80
DISCCART	444818.37	3770091.37
DISCCART	444854.76	3770091.37
DISCCART	444891.15	3770091.37
DISCCART	444927.54	3770091.37
DISCCART	444963.93	3770091.37
DISCCART	445000.32	3770091.37
DISCCART	445036.71	3770091.37
DISCCART	445073.10	3770091.37
DISCCART	445109.49	3770091.37
DISCCART	445145.88	3770091.37
DISCCART	445182.27	3770091.37
DISCCART	445218.66	3770091.37
DISCCART	445255.05	3770091.37
DISCCART	444818.37	3770102.94
DISCCART	444854.76	3770102.94
DISCCART	444891.15	3770102.94
DISCCART	444927.54	3770102.94
DISCCART	444963.93	3770102.94
DISCCART	445000.32	3770102.94
DISCCART	445036.71	3770102.94
DISCCART	445073.10	3770102.94
DISCCART	445109.49	3770102.94
DISCCART	445145.88	3770102.94
DISCCART	445182.27	3770102.94
DISCCART	445218.66	3770102.94
DISCCART	445255.05	3770102.94
DISCCART	444818.37	3770114.51

```
   DISCCART    444854.76   3770114.51
   DISCCART    444891.15   3770114.51
   DISCCART    444927.54   3770114.51
   DISCCART    444963.93   3770114.51
   DISCCART    445000.32   3770112.15
   DISCCART    445036.71   3770112.15
   DISCCART    445073.10   3770111.76
   DISCCART    445109.49   3770111.28
   DISCCART    445145.88   3770110.81
   DISCCART    445182.73   3770110.35
   DISCCART    445217.74   3770109.89
   DISCCART    445271.22   3770102.96
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE poma6.SFC
   PROFFILE poma6.PFL
   SURFDATA 3190 2005
   UAIRDATA 3190 2005
   SITEDATA 99999 2005
   PROFBASE 270.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "TOG GAS.AD\01H1GALL.PLT" 31
   PLOTFILE 8 ALL 1ST "TOG GAS.AD\08H1GALL.PLT" 32
   PLOTFILE ANNUAL ALL "TOG GAS.AD\AN00GALL.PLT" 33
   SUMMFILE "TOG GAS.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 W396    1537       MEOPEN: Met data from outdated version of AERMET,
version:        12345
 ME W531    1537       MEOPEN: CAUTION! Met Station ID Missing from
SURFFILE for      SURFDATA

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************
```

```
 **MODELOPTs:   NonDFAULT CONC      FLAT      FASTALL

                                              ***     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 URBAN Dispersion Algorithm for the SBL for   540 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   2015355.0 ;  Urban Roughness Length =  1.000 m

 **Model Allows User-Specified Options:
         1. Stack-tip Downwash.
         2. Model Assumes Receptors on FLAT Terrain.
         3. Use Calms Processing Routine.
         4. Use Missing Data Processing Routine.
         5. No Exponential Decay.
         6. Urban Roughness Length of 1.0 Meter Used.

 **Other Options Specified:
         FASTALL  - Use effective sigma-y to optimize meander for
                    POINT and VOLUME sources, and hybrid approach
                    to optimize AREA sources (formerly TOXICS option)

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  TOGGAS

 **Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR
     and Calculates ANNUAL Averages

 **This Run Includes:    540 Source(s);       1 Source Group(s); and 220 Receptor(s)

 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  12345

 **Output Options Selected:
          Model Outputs Tables of ANNUAL 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) = 270.00 ; 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 = 3.8 MB of RAM.

**File for Summary of Results: TOG GAS.sum

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0031214	0	0.15993E-03	445440.0	3769597.4	270.0	0.00	8.74	2.72	YES
L0031215	0	0.15993E-03	445421.2	3769597.7	270.0	0.00	8.74	2.72	YES
L0031216	0	0.15993E-03	445402.5	3769598.0	270.0	0.00	8.74	2.72	YES
L0031217	0	0.15993E-03	445383.7	3769598.2	270.0	0.00	8.74	2.72	YES
L0031218	0	0.15993E-03	445364.9	3769598.5	270.0	0.00	8.74	2.72	YES
L0031219	0	0.15993E-03	445346.1	3769598.8	270.0	0.00	8.74	2.72	YES
L0031220	0	0.15993E-03	445327.3	3769599.1	270.0	0.00	8.74	2.72	YES
L0031221	0	0.15993E-03	445308.5	3769599.3	270.0	0.00	8.74	2.72	YES
L0031222	0	0.15993E-03	445289.7	3769599.6	270.0	0.00	8.74	2.72	YES
L0031223	0	0.15993E-03	445270.9	3769599.9	270.0	0.00	8.74	2.72	YES
L0031224	0	0.15993E-03	445252.1	3769600.1	270.0	0.00	8.74	2.72	YES
L0031225	0	0.15993E-03	445233.3	3769600.4	270.0	0.00	8.74	2.72	YES
L0031226	0	0.15993E-03	445214.5	3769600.7	270.0	0.00	8.74	2.72	YES
L0031227	0	0.15993E-03	445195.7	3769600.9	270.0	0.00	8.74	2.72	YES
L0031228	0	0.15993E-03	445176.9	3769601.2	270.0	0.00	8.74	2.72	YES
L0031229	0	0.15993E-03	445158.1	3769601.5	270.0	0.00	8.74	2.72	YES

L0031230		0	0.15993E-03	445139.3	3769601.8	270.0	0.00	
8.74	2.72	YES						
L0031231		0	0.15993E-03	445120.5	3769602.0	270.0	0.00	
8.74	2.72	YES						
L0031232		0	0.15993E-03	445101.7	3769602.3	270.0	0.00	
8.74	2.72	YES						
L0031233		0	0.15993E-03	445082.9	3769602.6	270.0	0.00	
8.74	2.72	YES						
L0031234		0	0.15993E-03	445064.1	3769602.8	270.0	0.00	
8.74	2.72	YES						
L0031235		0	0.15993E-03	445045.3	3769603.1	270.0	0.00	
8.74	2.72	YES						
L0031236		0	0.15993E-03	445026.5	3769603.4	270.0	0.00	
8.74	2.72	YES						
L0031237		0	0.15993E-03	445007.7	3769603.6	270.0	0.00	
8.74	2.72	YES						
L0031238		0	0.15993E-03	444988.9	3769603.9	270.0	0.00	
8.74	2.72	YES						
L0031239		0	0.15993E-03	444970.1	3769604.2	270.0	0.00	
8.74	2.72	YES						
L0031240		0	0.15993E-03	444951.3	3769604.5	270.0	0.00	
8.74	2.72	YES						
L0031241		0	0.15993E-03	444932.5	3769604.7	270.0	0.00	
8.74	2.72	YES						
L0031242		0	0.15993E-03	444913.7	3769605.0	270.0	0.00	
8.74	2.72	YES						
L0031243		0	0.15993E-03	444894.9	3769605.3	270.0	0.00	
8.74	2.72	YES						
L0031244		0	0.15993E-03	444876.1	3769605.5	270.0	0.00	
8.74	2.72	YES						
L0031245		0	0.15993E-03	444857.3	3769605.8	270.0	0.00	
8.74	2.72	YES						
L0031246		0	0.15993E-03	444838.5	3769606.1	270.0	0.00	
8.74	2.72	YES						
L0031247		0	0.15993E-03	444819.7	3769606.6	270.0	0.00	
8.74	2.72	YES						
L0031248		0	0.15993E-03	444800.9	3769607.2	270.0	0.00	
8.74	2.72	YES						
L0031249		0	0.15993E-03	444782.1	3769607.7	270.0	0.00	
8.74	2.72	YES						
L0031250		0	0.15993E-03	444763.3	3769608.2	270.0	0.00	
8.74	2.72	YES						
L0031251		0	0.15993E-03	444744.6	3769609.2	270.0	0.00	
8.74	2.72	YES						
L0031252		0	0.15993E-03	444725.9	3769611.1	270.0	0.00	
8.74	2.72	YES						
L0031253		0	0.15993E-03	444707.2	3769613.1	270.0	0.00	
8.74	2.72	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0031254	0	0.15993E-03	444688.5	3769615.0	270.0	0.00	8.74	2.72	YES
L0031255	0	0.15993E-03	444669.8	3769617.0	270.0	0.00	8.74	2.72	YES
L0031256	0	0.15993E-03	444651.1	3769618.9	270.0	0.00	8.74	2.72	YES
L0031257	0	0.15993E-03	444632.4	3769621.1	270.0	0.00	8.74	2.72	YES
L0031258	0	0.15993E-03	444613.8	3769623.7	270.0	0.00	8.74	2.72	YES
L0031259	0	0.15993E-03	444595.2	3769626.3	270.0	0.00	8.74	2.72	YES
L0031260	0	0.15993E-03	444576.6	3769628.9	270.0	0.00	8.74	2.72	YES
L0031261	0	0.15993E-03	444557.9	3769631.5	270.0	0.00	8.74	2.72	YES
L0031262	0	0.15993E-03	444539.3	3769634.1	270.0	0.00	8.74	2.72	YES
L0031263	0	0.15993E-03	444520.7	3769637.0	270.0	0.00	8.74	2.72	YES
L0031264	0	0.15993E-03	444502.2	3769640.0	270.0	0.00	8.74	2.72	YES
L0031265	0	0.15993E-03	444483.6	3769643.0	270.0	0.00	8.74	2.72	YES
L0031266	0	0.15993E-03	444465.1	3769646.0	270.0	0.00	8.74	2.72	YES
L0031267	0	0.15993E-03	444446.5	3769649.1	270.0	0.00	8.74	2.72	YES
L0031268	0	0.15993E-03	444428.0	3769652.1	270.0	0.00	8.74	2.72	YES
L0031269	0	0.15993E-03	444409.5	3769655.4	270.0	0.00	8.74	2.72	YES

L0031270		0	0.15993E-03	444391.2	3769659.9	270.0	0.00
8.74	2.72	YES					
L0031271		0	0.15993E-03	444373.0	3769664.4	270.0	0.00
8.74	2.72	YES					
L0031272		0	0.15993E-03	444354.7	3769669.0	270.0	0.00
8.74	2.72	YES					
L0031273		0	0.15993E-03	444336.5	3769673.5	270.0	0.00
8.74	2.72	YES					
L0031274		0	0.15993E-03	444318.2	3769678.0	270.0	0.00
8.74	2.72	YES					
L0031275		0	0.15993E-03	444300.0	3769682.5	270.0	0.00
8.74	2.72	YES					
L0031276		0	0.15993E-03	444281.7	3769687.1	270.0	0.00
8.74	2.72	YES					
L0031277		0	0.15993E-03	444263.5	3769691.6	270.0	0.00
8.74	2.72	YES					
L0031278		0	0.15993E-03	444245.2	3769696.1	270.0	0.00
8.74	2.72	YES					
L0031279		0	0.15993E-03	444227.4	3769702.0	270.0	0.00
8.74	2.72	YES					
L0031280		0	0.15993E-03	444209.6	3769708.1	270.0	0.00
8.74	2.72	YES					
L0031281		0	0.15993E-03	444191.8	3769714.2	270.0	0.00
8.74	2.72	YES					
L0031282		0	0.15993E-03	444174.0	3769720.3	270.0	0.00
8.74	2.72	YES					
L0031283		0	0.15993E-03	444156.2	3769726.4	270.0	0.00
8.74	2.72	YES					
L0031284		0	0.15993E-03	444138.5	3769732.4	270.0	0.00
8.74	2.72	YES					
L0031285		0	0.15993E-03	444120.7	3769738.5	270.0	0.00
8.74	2.72	YES					
L0031286		0	0.15993E-03	444102.9	3769744.6	270.0	0.00
8.74	2.72	YES					
L0031287		0	0.15993E-03	444085.1	3769750.7	270.0	0.00
8.74	2.72	YES					
L0031288		0	0.15993E-03	444067.3	3769756.8	270.0	0.00
8.74	2.72	YES					
L0031289		0	0.15993E-03	444049.5	3769762.9	270.0	0.00
8.74	2.72	YES					
L0031290		0	0.15993E-03	444032.2	3769770.2	270.0	0.00
8.74	2.72	YES					
L0031291		0	0.15993E-03	444014.9	3769777.5	270.0	0.00
8.74	2.72	YES					
L0031292		0	0.15993E-03	443997.6	3769784.9	270.0	0.00
8.74	2.72	YES					
L0031293		0	0.15993E-03	443980.3	3769792.2	270.0	0.00
8.74	2.72	YES					

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*** VOLUME SOURCE DATA ***

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L0031294	0	0.15993E-03	443963.0	3769799.5	270.0	0.00	8.74	2.72	YES
L0031295	0	0.15993E-03	443945.7	3769806.9	270.0	0.00	8.74	2.72	YES
L0031296	0	0.15993E-03	443928.3	3769814.2	270.0	0.00	8.74	2.72	YES
L0031297	0	0.15993E-03	443911.4	3769822.3	270.0	0.00	8.74	2.72	YES
L0031298	0	0.15993E-03	443894.6	3769830.8	270.0	0.00	8.74	2.72	YES
L0031299	0	0.15993E-03	443877.9	3769839.4	270.0	0.00	8.74	2.72	YES
L0031300	0	0.15993E-03	443861.1	3769847.9	270.0	0.00	8.74	2.72	YES
L0031301	0	0.15993E-03	443844.4	3769856.4	270.0	0.00	8.74	2.72	YES
L0031302	0	0.15993E-03	443827.6	3769864.9	270.0	0.00	8.74	2.72	YES
L0031303	0	0.15993E-03	443810.9	3769873.5	270.0	0.00	8.74	2.72	YES
L0031304	0	0.15993E-03	443794.1	3769882.0	270.0	0.00	8.74	2.72	YES
L0031305	0	0.15993E-03	443777.7	3769891.1	270.0	0.00	8.74	2.72	YES
L0031306	0	0.15993E-03	443761.6	3769900.9	270.0	0.00	8.74	2.72	YES
L0031307	0	0.15993E-03	443745.6	3769910.7	270.0	0.00	8.74	2.72	YES
L0031308	0	0.15993E-03	443729.5	3769920.4	270.0	0.00	8.74	2.72	YES
L0031309	0	0.15993E-03	443713.4	3769930.2	270.0	0.00	8.74	2.72	YES

L0031310		0	0.15993E-03	443697.4	3769940.0	270.0	0.00	
8.74	2.72	YES						
L0031311		0	0.15993E-03	443681.3	3769949.8	270.0	0.00	
8.74	2.72	YES						
L0031312		0	0.15993E-03	443665.3	3769959.6	270.0	0.00	
8.74	2.72	YES						
L0031313		0	0.15993E-03	443649.2	3769969.4	270.0	0.00	
8.74	2.72	YES						
L0031314		0	0.15993E-03	443633.2	3769979.1	270.0	0.00	
8.74	2.72	YES						
L0031315		0	0.15993E-03	443617.4	3769989.3	270.0	0.00	
8.74	2.72	YES						
L0031316		0	0.15993E-03	443601.9	3770000.0	270.0	0.00	
8.74	2.72	YES						
L0031317		0	0.15993E-03	443586.4	3770010.6	270.0	0.00	
8.74	2.72	YES						
L0031318		0	0.15993E-03	443570.9	3770021.3	270.0	0.00	
8.74	2.72	YES						
L0031319		0	0.15993E-03	443555.5	3770032.0	270.0	0.00	
8.74	2.72	YES						
L0031320		0	0.15993E-03	443540.0	3770042.7	270.0	0.00	
8.74	2.72	YES						
L0031321		0	0.15993E-03	443524.5	3770053.3	270.0	0.00	
8.74	2.72	YES						
L0031322		0	0.15993E-03	443509.0	3770064.0	270.0	0.00	
8.74	2.72	YES						
L0031323		0	0.15993E-03	443493.6	3770074.7	270.0	0.00	
8.74	2.72	YES						
L0031324		0	0.15993E-03	443478.1	3770085.4	270.0	0.00	
8.74	2.72	YES						
L0031325		0	0.15993E-03	443462.6	3770096.0	270.0	0.00	
8.74	2.72	YES						
L0031326		0	0.15993E-03	443447.1	3770106.7	270.0	0.00	
8.74	2.72	YES						
L0031327		0	0.15993E-03	443431.7	3770117.4	270.0	0.00	
8.74	2.72	YES						
L0031328		0	0.15993E-03	443416.3	3770128.2	270.0	0.00	
8.74	2.72	YES						
L0031329		0	0.15993E-03	443400.9	3770139.0	270.0	0.00	
8.74	2.72	YES						
L0031330		0	0.15993E-03	443385.5	3770149.8	270.0	0.00	
8.74	2.72	YES						
L0031331		0	0.15993E-03	443370.1	3770160.5	270.0	0.00	
8.74	2.72	YES						
L0031332		0	0.15993E-03	443354.7	3770171.3	270.0	0.00	
8.74	2.72	YES						
L0031333		0	0.15993E-03	443339.3	3770182.1	270.0	0.00	
8.74	2.72	YES						

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*** VOLUME SOURCE DATA ***

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L0031334	0	0.15993E-03	443323.9	3770192.9	270.0	0.00	8.74	2.72	YES
L0031335	0	0.15993E-03	443308.5	3770203.7	270.0	0.00	8.74	2.72	YES
L0031336	0	0.15993E-03	443293.1	3770214.5	270.0	0.00	8.74	2.72	YES
L0031337	0	0.15993E-03	443277.7	3770225.2	270.0	0.00	8.74	2.72	YES
L0031338	0	0.15993E-03	443262.3	3770236.0	270.0	0.00	8.74	2.72	YES
L0031339	0	0.15993E-03	443246.9	3770246.8	270.0	0.00	8.74	2.72	YES
L0031340	0	0.15993E-03	443231.5	3770257.6	270.0	0.00	8.74	2.72	YES
L0031341	0	0.15993E-03	443216.1	3770268.4	270.0	0.00	8.74	2.72	YES
L0031342	0	0.15993E-03	443200.7	3770279.1	270.0	0.00	8.74	2.72	YES
L0031343	0	0.15993E-03	443185.3	3770289.9	270.0	0.00	8.74	2.72	YES
L0031344	0	0.15993E-03	443169.9	3770300.7	270.0	0.00	8.74	2.72	YES
L0031345	0	0.15993E-03	443154.5	3770311.5	270.0	0.00	8.74	2.72	YES
L0031346	0	0.15993E-03	443139.0	3770322.3	270.0	0.00	8.74	2.72	YES
L0031347	0	0.15993E-03	443123.6	3770333.0	270.0	0.00	8.74	2.72	YES
L0031348	0	0.15993E-03	443108.2	3770343.8	270.0	0.00	8.74	2.72	YES
L0031349	0	0.15993E-03	443092.8	3770354.6	270.0	0.00	8.74	2.72	YES

L0031350		0	0.15993E-03	443077.4	3770365.4	270.0	0.00	
8.74	2.72	YES						
L0031351		0	0.15993E-03	443062.0	3770376.2	270.0	0.00	
8.74	2.72	YES						
L0031352		0	0.15993E-03	443046.6	3770386.9	270.0	0.00	
8.74	2.72	YES						
L0031353		0	0.15993E-03	443031.2	3770397.7	270.0	0.00	
8.74	2.72	YES						
L0031354		0	0.15993E-03	443015.8	3770408.5	270.0	0.00	
8.74	2.72	YES						
L0031355		0	0.15993E-03	443000.4	3770419.3	270.0	0.00	
8.74	2.72	YES						
L0031356		0	0.15993E-03	442985.0	3770430.1	270.0	0.00	
8.74	2.72	YES						
L0031357		0	0.16071E-03	443012.0	3770445.2	270.0	0.00	
8.74	2.72	YES						
L0031358		0	0.16071E-03	443027.3	3770434.2	270.0	0.00	
8.74	2.72	YES						
L0031359		0	0.16071E-03	443042.6	3770423.3	270.0	0.00	
8.74	2.72	YES						
L0031360		0	0.16071E-03	443057.9	3770412.4	270.0	0.00	
8.74	2.72	YES						
L0031361		0	0.16071E-03	443073.2	3770401.4	270.0	0.00	
8.74	2.72	YES						
L0031362		0	0.16071E-03	443088.4	3770390.5	270.0	0.00	
8.74	2.72	YES						
L0031363		0	0.16071E-03	443103.7	3770379.5	270.0	0.00	
8.74	2.72	YES						
L0031364		0	0.16071E-03	443119.0	3770368.6	270.0	0.00	
8.74	2.72	YES						
L0031365		0	0.16071E-03	443134.3	3770357.6	270.0	0.00	
8.74	2.72	YES						
L0031366		0	0.16071E-03	443149.6	3770346.7	270.0	0.00	
8.74	2.72	YES						
L0031367		0	0.16071E-03	443164.9	3770335.7	270.0	0.00	
8.74	2.72	YES						
L0031368		0	0.16071E-03	443180.1	3770324.8	270.0	0.00	
8.74	2.72	YES						
L0031369		0	0.16071E-03	443195.5	3770313.9	270.0	0.00	
8.74	2.72	YES						
L0031370		0	0.16071E-03	443210.9	3770303.1	270.0	0.00	
8.74	2.72	YES						
L0031371		0	0.16071E-03	443226.2	3770292.3	270.0	0.00	
8.74	2.72	YES						
L0031372		0	0.16071E-03	443241.6	3770281.4	270.0	0.00	
8.74	2.72	YES						
L0031373		0	0.16071E-03	443257.0	3770270.6	270.0	0.00	
8.74	2.72	YES						

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*** VOLUME SOURCE DATA ***

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L0031374	0	0.16071E-03	443272.3	3770259.8	270.0	0.00	8.74	2.72	YES
L0031375	0	0.16071E-03	443287.7	3770248.9	270.0	0.00	8.74	2.72	YES
L0031376	0	0.16071E-03	443303.0	3770238.0	270.0	0.00	8.74	2.72	YES
L0031377	0	0.16071E-03	443318.2	3770226.9	270.0	0.00	8.74	2.72	YES
L0031378	0	0.16071E-03	443333.3	3770215.8	270.0	0.00	8.74	2.72	YES
L0031379	0	0.16071E-03	443348.5	3770204.7	270.0	0.00	8.74	2.72	YES
L0031380	0	0.16071E-03	443363.7	3770193.6	270.0	0.00	8.74	2.72	YES
L0031381	0	0.16071E-03	443378.9	3770182.5	270.0	0.00	8.74	2.72	YES
L0031382	0	0.16071E-03	443394.0	3770171.4	270.0	0.00	8.74	2.72	YES
L0031383	0	0.16071E-03	443409.2	3770160.3	270.0	0.00	8.74	2.72	YES
L0031384	0	0.16071E-03	443424.4	3770149.2	270.0	0.00	8.74	2.72	YES
L0031385	0	0.16071E-03	443439.6	3770138.1	270.0	0.00	8.74	2.72	YES
L0031386	0	0.16071E-03	443454.8	3770127.0	270.0	0.00	8.74	2.72	YES
L0031387	0	0.16071E-03	443469.9	3770115.9	270.0	0.00	8.74	2.72	YES
L0031388	0	0.16071E-03	443485.1	3770104.8	270.0	0.00	8.74	2.72	YES
L0031389	0	0.16071E-03	443500.3	3770093.8	270.0	0.00	8.74	2.72	YES

L0031390		0	0.16071E-03	443515.5	3770082.7	270.0	0.00
8.74	2.72	YES					
L0031391		0	0.16071E-03	443530.6	3770071.6	270.0	0.00
8.74	2.72	YES					
L0031392		0	0.16071E-03	443545.8	3770060.5	270.0	0.00
8.74	2.72	YES					
L0031393		0	0.16071E-03	443561.0	3770049.4	270.0	0.00
8.74	2.72	YES					
L0031394		0	0.16071E-03	443576.2	3770038.3	270.0	0.00
8.74	2.72	YES					
L0031395		0	0.16071E-03	443591.3	3770027.2	270.0	0.00
8.74	2.72	YES					
L0031396		0	0.16071E-03	443606.5	3770016.1	270.0	0.00
8.74	2.72	YES					
L0031397		0	0.16071E-03	443621.7	3770005.0	270.0	0.00
8.74	2.72	YES					
L0031398		0	0.16071E-03	443637.1	3769994.2	270.0	0.00
8.74	2.72	YES					
L0031399		0	0.16071E-03	443653.3	3769984.7	270.0	0.00
8.74	2.72	YES					
L0031400		0	0.16071E-03	443669.5	3769975.2	270.0	0.00
8.74	2.72	YES					
L0031401		0	0.16071E-03	443685.7	3769965.7	270.0	0.00
8.74	2.72	YES					
L0031402		0	0.16071E-03	443701.9	3769956.1	270.0	0.00
8.74	2.72	YES					
L0031403		0	0.16071E-03	443718.1	3769946.6	270.0	0.00
8.74	2.72	YES					
L0031404		0	0.16071E-03	443734.4	3769937.3	270.0	0.00
8.74	2.72	YES					
L0031405		0	0.16071E-03	443750.8	3769928.0	270.0	0.00
8.74	2.72	YES					
L0031406		0	0.16071E-03	443767.2	3769918.8	270.0	0.00
8.74	2.72	YES					
L0031407		0	0.16071E-03	443783.5	3769909.5	270.0	0.00
8.74	2.72	YES					
L0031408		0	0.16071E-03	443799.9	3769900.2	270.0	0.00
8.74	2.72	YES					
L0031409		0	0.16071E-03	443816.3	3769891.0	270.0	0.00
8.74	2.72	YES					
L0031410		0	0.16071E-03	443832.6	3769881.7	270.0	0.00
8.74	2.72	YES					
L0031411		0	0.16071E-03	443849.2	3769872.9	270.0	0.00
8.74	2.72	YES					
L0031412		0	0.16071E-03	443866.3	3769865.0	270.0	0.00
8.74	2.72	YES					
L0031413		0	0.16071E-03	443883.4	3769857.1	270.0	0.00
8.74	2.72	YES					

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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0031414	0	0.16071E-03	443900.4	3769849.3	270.0	0.00	8.74	2.72	YES
L0031415	0	0.16071E-03	443917.5	3769841.4	270.0	0.00	8.74	2.72	YES
L0031416	0	0.16071E-03	443934.6	3769833.5	270.0	0.00	8.74	2.72	YES
L0031417	0	0.16071E-03	443951.6	3769825.7	270.0	0.00	8.74	2.72	YES
L0031418	0	0.16071E-03	443968.7	3769817.8	270.0	0.00	8.74	2.72	YES
L0031419	0	0.16071E-03	443985.8	3769809.9	270.0	0.00	8.74	2.72	YES
L0031420	0	0.16071E-03	444002.9	3769802.0	270.0	0.00	8.74	2.72	YES
L0031421	0	0.16071E-03	444020.0	3769794.2	270.0	0.00	8.74	2.72	YES
L0031422	0	0.16071E-03	444038.1	3769789.3	270.0	0.00	8.74	2.72	YES
L0031423	0	0.16071E-03	444056.3	3769784.5	270.0	0.00	8.74	2.72	YES
L0031424	0	0.16071E-03	444074.4	3769779.6	270.0	0.00	8.74	2.72	YES
L0031425	0	0.16071E-03	444092.6	3769774.7	270.0	0.00	8.74	2.72	YES
L0031426	0	0.16071E-03	444110.7	3769769.8	270.0	0.00	8.74	2.72	YES
L0031427	0	0.16071E-03	444128.9	3769764.9	270.0	0.00	8.74	2.72	YES
L0031428	0	0.16071E-03	444147.0	3769760.0	270.0	0.00	8.74	2.72	YES
L0031429	0	0.16071E-03	444165.2	3769755.1	270.0	0.00	8.74	2.72	YES

L0031430		0	0.16071E-03	444183.3	3769750.2	270.0	0.00
8.74	2.72	YES					
L0031431		0	0.16071E-03	444201.5	3769745.3	270.0	0.00
8.74	2.72	YES					
L0031432		0	0.16071E-03	444219.6	3769740.4	270.0	0.00
8.74	2.72	YES					
L0031433		0	0.16071E-03	444237.8	3769735.5	270.0	0.00
8.74	2.72	YES					
L0031434		0	0.16071E-03	444255.9	3769730.6	270.0	0.00
8.74	2.72	YES					
L0031435		0	0.16071E-03	444274.1	3769725.7	270.0	0.00
8.74	2.72	YES					
L0031436		0	0.16071E-03	444292.2	3769720.8	270.0	0.00
8.74	2.72	YES					
L0031437		0	0.16071E-03	444310.4	3769715.9	270.0	0.00
8.74	2.72	YES					
L0031438		0	0.16071E-03	444328.6	3769711.2	270.0	0.00
8.74	2.72	YES					
L0031439		0	0.16071E-03	444347.2	3769708.7	270.0	0.00
8.74	2.72	YES					
L0031440		0	0.16071E-03	444365.8	3769706.1	270.0	0.00
8.74	2.72	YES					
L0031441		0	0.16071E-03	444384.5	3769703.6	270.0	0.00
8.74	2.72	YES					
L0031442		0	0.16071E-03	444403.1	3769701.1	270.0	0.00
8.74	2.72	YES					
L0031443		0	0.16071E-03	444421.7	3769698.6	270.0	0.00
8.74	2.72	YES					
L0031444		0	0.16071E-03	444440.3	3769696.0	270.0	0.00
8.74	2.72	YES					
L0031445		0	0.16071E-03	444459.0	3769693.5	270.0	0.00
8.74	2.72	YES					
L0031446		0	0.16071E-03	444477.6	3769691.0	270.0	0.00
8.74	2.72	YES					
L0031447		0	0.16071E-03	444496.2	3769688.4	270.0	0.00
8.74	2.72	YES					
L0031448		0	0.16071E-03	444514.9	3769685.9	270.0	0.00
8.74	2.72	YES					
L0031449		0	0.16071E-03	444533.5	3769683.4	270.0	0.00
8.74	2.72	YES					
L0031450		0	0.16071E-03	444552.1	3769680.9	270.0	0.00
8.74	2.72	YES					
L0031451		0	0.16071E-03	444570.8	3769678.4	270.0	0.00
8.74	2.72	YES					
L0031452		0	0.16071E-03	444589.5	3769676.7	270.0	0.00
8.74	2.72	YES					
L0031453		0	0.16071E-03	444608.2	3769675.0	270.0	0.00
8.74	2.72	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0031454	0	0.16071E-03	444626.9	3769673.4	270.0	0.00	8.74	2.72	YES
L0031455	0	0.16071E-03	444645.7	3769671.7	270.0	0.00	8.74	2.72	YES
L0031456	0	0.16071E-03	444664.4	3769670.0	270.0	0.00	8.74	2.72	YES
L0031457	0	0.16071E-03	444683.1	3769668.3	270.0	0.00	8.74	2.72	YES
L0031458	0	0.16071E-03	444701.8	3769666.7	270.0	0.00	8.74	2.72	YES
L0031459	0	0.16071E-03	444720.6	3769665.0	270.0	0.00	8.74	2.72	YES
L0031460	0	0.16071E-03	444739.3	3769663.3	270.0	0.00	8.74	2.72	YES
L0031461	0	0.16071E-03	444758.0	3769661.9	270.0	0.00	8.74	2.72	YES
L0031462	0	0.16071E-03	444776.8	3769660.5	270.0	0.00	8.74	2.72	YES
L0031463	0	0.16071E-03	444795.5	3769659.2	270.0	0.00	8.74	2.72	YES
L0031464	0	0.16071E-03	444814.3	3769657.8	270.0	0.00	8.74	2.72	YES
L0031465	0	0.16071E-03	444833.0	3769656.5	270.0	0.00	8.74	2.72	YES
L0031466	0	0.16071E-03	444851.8	3769654.8	270.0	0.00	8.74	2.72	YES
L0031467	0	0.16071E-03	444870.4	3769652.5	270.0	0.00	8.74	2.72	YES
L0031468	0	0.16071E-03	444889.1	3769650.1	270.0	0.00	8.74	2.72	YES
L0031469	0	0.16071E-03	444907.7	3769647.7	270.0	0.00	8.74	2.72	YES

L0031470		0	0.16071E-03	444926.3	3769645.3	270.0	0.00
8.74	2.72	YES					
L0031471		0	0.16071E-03	444945.0	3769642.9	270.0	0.00
8.74	2.72	YES					
L0031472		0	0.16071E-03	444963.6	3769640.6	270.0	0.00
8.74	2.72	YES					
L0031473		0	0.16071E-03	444982.3	3769638.2	270.0	0.00
8.74	2.72	YES					
L0031474		0	0.16071E-03	445001.0	3769636.7	270.0	0.00
8.74	2.72	YES					
L0031475		0	0.16071E-03	445019.8	3769635.4	270.0	0.00
8.74	2.72	YES					
L0031476		0	0.16071E-03	445038.5	3769634.2	270.0	0.00
8.74	2.72	YES					
L0031477		0	0.16071E-03	445057.3	3769632.9	270.0	0.00
8.74	2.72	YES					
L0031478		0	0.16071E-03	445076.1	3769631.6	270.0	0.00
8.74	2.72	YES					
L0031479		0	0.16071E-03	445094.8	3769630.4	270.0	0.00
8.74	2.72	YES					
L0031480		0	0.16071E-03	445113.6	3769629.1	270.0	0.00
8.74	2.72	YES					
L0031481		0	0.16071E-03	445132.3	3769627.9	270.0	0.00
8.74	2.72	YES					
L0031482		0	0.16071E-03	445151.1	3769627.4	270.0	0.00
8.74	2.72	YES					
L0031483		0	0.16071E-03	445169.9	3769627.0	270.0	0.00
8.74	2.72	YES					
L0031484		0	0.16071E-03	445188.7	3769626.6	270.0	0.00
8.74	2.72	YES					
L0031485		0	0.16071E-03	445207.5	3769626.2	270.0	0.00
8.74	2.72	YES					
L0031486		0	0.16071E-03	445226.3	3769625.8	270.0	0.00
8.74	2.72	YES					
L0031487		0	0.16071E-03	445245.1	3769625.5	270.0	0.00
8.74	2.72	YES					
L0031488		0	0.16071E-03	445263.9	3769625.4	270.0	0.00
8.74	2.72	YES					
L0031489		0	0.16071E-03	445282.7	3769625.3	270.0	0.00
8.74	2.72	YES					
L0031490		0	0.16071E-03	445301.5	3769625.2	270.0	0.00
8.74	2.72	YES					
L0031491		0	0.16071E-03	445320.3	3769625.0	270.0	0.00
8.74	2.72	YES					
L0031492		0	0.16071E-03	445339.1	3769624.9	270.0	0.00
8.74	2.72	YES					
L0031493		0	0.16071E-03	445357.9	3769624.8	270.0	0.00
8.74	2.72	YES					

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0031494	0	0.16071E-03	445376.7	3769624.7	270.0	0.00	8.74	2.72	YES
L0031495	0	0.16071E-03	445395.5	3769624.6	270.0	0.00	8.74	2.72	YES
L0031496	0	0.16071E-03	445414.3	3769624.4	270.0	0.00	8.74	2.72	YES
L0031497	0	0.16071E-03	445433.1	3769624.3	270.0	0.00	8.74	2.72	YES
L0031498	0	0.11392E-04	443697.5	3769892.2	270.0	0.00	4.19	2.38	YES
L0031499	0	0.11392E-04	443705.8	3769888.7	270.0	0.00	4.19	2.38	YES
L0031500	0	0.11392E-04	443714.1	3769885.1	270.0	0.00	4.19	2.38	YES
L0031501	0	0.11392E-04	443722.3	3769881.6	270.0	0.00	4.19	2.38	YES
L0031502	0	0.11392E-04	443730.6	3769878.1	270.0	0.00	4.19	2.38	YES
L0031503	0	0.11392E-04	443738.9	3769874.6	270.0	0.00	4.19	2.38	YES
L0031504	0	0.11392E-04	443747.2	3769871.1	270.0	0.00	4.19	2.38	YES
L0031505	0	0.11392E-04	443755.5	3769867.6	270.0	0.00	4.19	2.38	YES
L0031506	0	0.11392E-04	443763.8	3769864.0	270.0	0.00	4.19	2.38	YES
L0031507	0	0.11392E-04	443772.1	3769860.5	270.0	0.00	4.19	2.38	YES
L0031508	0	0.11392E-04	443780.3	3769857.0	270.0	0.00	4.19	2.38	YES
L0031509	0	0.11392E-04	443788.6	3769853.5	270.0	0.00	4.19	2.38	YES

L0031510		0	0.11392E-04	443796.9	3769850.0	270.0	0.00	
4.19	2.38	YES						
L0031511		0	0.11392E-04	443805.2	3769846.4	270.0	0.00	
4.19	2.38	YES						
L0031512		0	0.11392E-04	443813.5	3769842.9	270.0	0.00	
4.19	2.38	YES						
L0031513		0	0.11392E-04	443821.8	3769839.4	270.0	0.00	
4.19	2.38	YES						
L0031514		0	0.11392E-04	443829.9	3769835.7	270.0	0.00	
4.19	2.38	YES						
L0031515		0	0.11392E-04	443837.8	3769831.3	270.0	0.00	
4.19	2.38	YES						
L0031516		0	0.11392E-04	443845.7	3769827.0	270.0	0.00	
4.19	2.38	YES						
L0031517		0	0.11392E-04	443853.6	3769822.6	270.0	0.00	
4.19	2.38	YES						
L0031518		0	0.11392E-04	443861.5	3769818.3	270.0	0.00	
4.19	2.38	YES						
L0031519		0	0.11392E-04	443869.3	3769813.9	270.0	0.00	
4.19	2.38	YES						
L0031520		0	0.11392E-04	443877.2	3769809.6	270.0	0.00	
4.19	2.38	YES						
L0031521		0	0.11392E-04	443885.1	3769805.2	270.0	0.00	
4.19	2.38	YES						
L0031522		0	0.11392E-04	443893.2	3769801.3	270.0	0.00	
4.19	2.38	YES						
L0031523		0	0.11392E-04	443901.7	3769798.6	270.0	0.00	
4.19	2.38	YES						
L0031524		0	0.11392E-04	443910.3	3769795.8	270.0	0.00	
4.19	2.38	YES						
L0031525		0	0.11392E-04	443918.9	3769793.1	270.0	0.00	
4.19	2.38	YES						
L0031526		0	0.11392E-04	443927.4	3769790.3	270.0	0.00	
4.19	2.38	YES						
L0031527		0	0.11392E-04	443936.0	3769787.6	270.0	0.00	
4.19	2.38	YES						
L0031528		0	0.11392E-04	443944.6	3769784.8	270.0	0.00	
4.19	2.38	YES						
L0031529		0	0.11392E-04	443953.1	3769782.1	270.0	0.00	
4.19	2.38	YES						
L0031530		0	0.11392E-04	443961.7	3769779.3	270.0	0.00	
4.19	2.38	YES						
L0031531		0	0.11392E-04	443970.3	3769776.6	270.0	0.00	
4.19	2.38	YES						
L0031532		0	0.11392E-04	443978.9	3769773.8	270.0	0.00	
4.19	2.38	YES						
L0031533		0	0.11392E-04	443987.4	3769771.1	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0031534	0	0.11392E-04	443996.0	3769768.3	270.0	0.00	4.19	2.38	YES
L0031535	0	0.11392E-04	444004.6	3769765.6	270.0	0.00	4.19	2.38	YES
L0031536	0	0.11392E-04	444013.1	3769762.8	270.0	0.00	4.19	2.38	YES
L0031537	0	0.11392E-04	444021.7	3769760.1	270.0	0.00	4.19	2.38	YES
L0031538	0	0.11392E-04	444030.3	3769757.3	270.0	0.00	4.19	2.38	YES
L0031539	0	0.11392E-04	444038.8	3769754.6	270.0	0.00	4.19	2.38	YES
L0031540	0	0.11392E-04	444047.4	3769751.8	270.0	0.00	4.19	2.38	YES
L0031541	0	0.11392E-04	444056.0	3769749.1	270.0	0.00	4.19	2.38	YES
L0031542	0	0.11392E-04	444064.6	3769746.3	270.0	0.00	4.19	2.38	YES
L0031543	0	0.11392E-04	444073.1	3769743.6	270.0	0.00	4.19	2.38	YES
L0031544	0	0.11392E-04	444081.7	3769740.8	270.0	0.00	4.19	2.38	YES
L0031545	0	0.11392E-04	444090.3	3769738.1	270.0	0.00	4.19	2.38	YES
L0031546	0	0.11392E-04	444098.8	3769735.4	270.0	0.00	4.19	2.38	YES
L0031547	0	0.11392E-04	444107.4	3769732.6	270.0	0.00	4.19	2.38	YES
L0031548	0	0.11392E-04	444116.0	3769729.9	270.0	0.00	4.19	2.38	YES
L0031549	0	0.11392E-04	444124.5	3769727.1	270.0	0.00	4.19	2.38	YES

L0031550		0	0.11392E-04	444133.1	3769724.4	270.0	0.00	
4.19	2.38	YES						
L0031551		0	0.11392E-04	444141.7	3769721.6	270.0	0.00	
4.19	2.38	YES						
L0031552		0	0.11392E-04	444150.3	3769718.9	270.0	0.00	
4.19	2.38	YES						
L0031553		0	0.11392E-04	444158.8	3769716.1	270.0	0.00	
4.19	2.38	YES						
L0031554		0	0.11392E-04	444167.4	3769713.4	270.0	0.00	
4.19	2.38	YES						
L0031555		0	0.11392E-04	444176.0	3769710.6	270.0	0.00	
4.19	2.38	YES						
L0031556		0	0.11392E-04	444184.5	3769707.9	270.0	0.00	
4.19	2.38	YES						
L0031557		0	0.11392E-04	444193.1	3769705.1	270.0	0.00	
4.19	2.38	YES						
L0031558		0	0.11392E-04	444201.7	3769702.5	270.0	0.00	
4.19	2.38	YES						
L0031559		0	0.11392E-04	444210.4	3769700.1	270.0	0.00	
4.19	2.38	YES						
L0031560		0	0.11392E-04	444219.1	3769697.7	270.0	0.00	
4.19	2.38	YES						
L0031561		0	0.11392E-04	444227.7	3769695.2	270.0	0.00	
4.19	2.38	YES						
L0031562		0	0.11392E-04	444236.4	3769692.8	270.0	0.00	
4.19	2.38	YES						
L0031563		0	0.11392E-04	444245.0	3769690.3	270.0	0.00	
4.19	2.38	YES						
L0031564		0	0.11392E-04	444253.7	3769687.9	270.0	0.00	
4.19	2.38	YES						
L0031565		0	0.11392E-04	444262.4	3769685.5	270.0	0.00	
4.19	2.38	YES						
L0031566		0	0.11392E-04	444271.0	3769683.0	270.0	0.00	
4.19	2.38	YES						
L0031567		0	0.11392E-04	444279.7	3769680.6	270.0	0.00	
4.19	2.38	YES						
L0031568		0	0.11392E-04	444288.4	3769678.2	270.0	0.00	
4.19	2.38	YES						
L0031569		0	0.11392E-04	444297.0	3769675.7	270.0	0.00	
4.19	2.38	YES						
L0031570		0	0.11392E-04	444305.7	3769673.3	270.0	0.00	
4.19	2.38	YES						
L0031571		0	0.11392E-04	444314.4	3769670.8	270.0	0.00	
4.19	2.38	YES						
L0031572		0	0.11392E-04	444323.0	3769668.4	270.0	0.00	
4.19	2.38	YES						
L0031573		0	0.11392E-04	444331.7	3769666.0	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0031574	0	0.11392E-04	444340.3	3769663.5	270.0	0.00	4.19	2.38	YES
L0031575	0	0.11392E-04	444349.0	3769661.1	270.0	0.00	4.19	2.38	YES
L0031576	0	0.11392E-04	444357.7	3769658.7	270.0	0.00	4.19	2.38	YES
L0031577	0	0.25429E-04	443438.2	3770102.8	270.0	0.00	4.19	2.38	YES
L0031578	0	0.25429E-04	443445.1	3770097.0	270.0	0.00	4.19	2.38	YES
L0031579	0	0.25429E-04	443451.9	3770091.2	270.0	0.00	4.19	2.38	YES
L0031580	0	0.25429E-04	443458.8	3770085.5	270.0	0.00	4.19	2.38	YES
L0031581	0	0.25429E-04	443465.7	3770079.7	270.0	0.00	4.19	2.38	YES
L0031582	0	0.25429E-04	443472.6	3770073.9	270.0	0.00	4.19	2.38	YES
L0031583	0	0.25429E-04	443479.5	3770068.1	270.0	0.00	4.19	2.38	YES
L0031584	0	0.25429E-04	443486.4	3770062.3	270.0	0.00	4.19	2.38	YES
L0031585	0	0.25429E-04	443493.3	3770056.5	270.0	0.00	4.19	2.38	YES
L0031586	0	0.25429E-04	443500.1	3770050.7	270.0	0.00	4.19	2.38	YES
L0031587	0	0.25429E-04	443507.0	3770044.9	270.0	0.00	4.19	2.38	YES
L0031588	0	0.25429E-04	443513.9	3770039.1	270.0	0.00	4.19	2.38	YES
L0031589	0	0.25429E-04	443520.3	3770032.7	270.0	0.00	4.19	2.38	YES

L0031590		0	0.25429E-04	443526.6	3770026.4	270.0	0.00	
4.19	2.38	YES						
L0031591		0	0.25429E-04	443533.0	3770020.0	270.0	0.00	
4.19	2.38	YES						
L0031592		0	0.25429E-04	443539.4	3770013.6	270.0	0.00	
4.19	2.38	YES						
L0031593		0	0.25429E-04	443545.8	3770007.3	270.0	0.00	
4.19	2.38	YES						
L0031594		0	0.25429E-04	443552.1	3770000.9	270.0	0.00	
4.19	2.38	YES						
L0031595		0	0.25429E-04	443558.5	3769994.6	270.0	0.00	
4.19	2.38	YES						
L0031596		0	0.25429E-04	443564.9	3769988.3	270.0	0.00	
4.19	2.38	YES						
L0031597		0	0.25429E-04	443571.5	3769982.1	270.0	0.00	
4.19	2.38	YES						
L0031598		0	0.25429E-04	443578.0	3769975.9	270.0	0.00	
4.19	2.38	YES						
L0031599		0	0.25429E-04	443584.6	3769969.8	270.0	0.00	
4.19	2.38	YES						
L0031600		0	0.25429E-04	443591.1	3769963.6	270.0	0.00	
4.19	2.38	YES						
L0031601		0	0.25429E-04	443597.6	3769957.4	270.0	0.00	
4.19	2.38	YES						
L0031602		0	0.25429E-04	443604.2	3769951.2	270.0	0.00	
4.19	2.38	YES						
L0031603		0	0.25429E-04	443611.0	3769945.4	270.0	0.00	
4.19	2.38	YES						
L0031604		0	0.25429E-04	443617.9	3769939.5	270.0	0.00	
4.19	2.38	YES						
L0031605		0	0.25429E-04	443624.7	3769933.6	270.0	0.00	
4.19	2.38	YES						
L0031606		0	0.25429E-04	443631.9	3769928.3	270.0	0.00	
4.19	2.38	YES						
L0031607		0	0.25429E-04	443640.0	3769924.4	270.0	0.00	
4.19	2.38	YES						
L0031608		0	0.25429E-04	443648.1	3769920.5	270.0	0.00	
4.19	2.38	YES						
L0031609		0	0.25429E-04	443656.2	3769916.6	270.0	0.00	
4.19	2.38	YES						
L0031610		0	0.25429E-04	443664.3	3769912.7	270.0	0.00	
4.19	2.38	YES						
L0031611		0	0.25429E-04	443672.5	3769908.9	270.0	0.00	
4.19	2.38	YES						
L0031612		0	0.94230E-05	443741.2	3770047.3	270.0	0.00	
4.19	2.38	YES						
L0031613		0	0.94230E-05	443749.9	3770044.8	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0031614	0	0.94230E-05	443758.5	3770042.3	270.0	0.00	4.19	2.38	YES
L0031615	0	0.94230E-05	443767.2	3770039.8	270.0	0.00	4.19	2.38	YES
L0031616	0	0.94230E-05	443775.8	3770037.4	270.0	0.00	4.19	2.38	YES
L0031617	0	0.94230E-05	443784.5	3770034.9	270.0	0.00	4.19	2.38	YES
L0031618	0	0.94230E-05	443793.1	3770032.4	270.0	0.00	4.19	2.38	YES
L0031619	0	0.94230E-05	443801.7	3770029.9	270.0	0.00	4.19	2.38	YES
L0031620	0	0.94230E-05	443810.4	3770027.4	270.0	0.00	4.19	2.38	YES
L0031621	0	0.94230E-05	443817.9	3770022.8	270.0	0.00	4.19	2.38	YES
L0031622	0	0.94230E-05	443824.9	3770017.1	270.0	0.00	4.19	2.38	YES
L0031623	0	0.94230E-05	443831.9	3770011.4	270.0	0.00	4.19	2.38	YES
L0031624	0	0.94230E-05	443838.9	3770005.7	270.0	0.00	4.19	2.38	YES
L0031625	0	0.94230E-05	443845.1	3769999.5	270.0	0.00	4.19	2.38	YES
L0031626	0	0.94230E-05	443849.4	3769991.5	270.0	0.00	4.19	2.38	YES
L0031627	0	0.94230E-05	443853.6	3769983.6	270.0	0.00	4.19	2.38	YES
L0031628	0	0.94230E-05	443857.8	3769975.6	270.0	0.00	4.19	2.38	YES
L0031629	0	0.94230E-05	443858.9	3769967.2	270.0	0.00	4.19	2.38	YES

L0031630		0	0.94230E-05	443857.1	3769958.4	270.0	0.00	
4.19	2.38	YES						
L0031631		0	0.94230E-05	443855.4	3769949.6	270.0	0.00	
4.19	2.38	YES						
L0031632		0	0.94230E-05	443850.4	3769942.4	270.0	0.00	
4.19	2.38	YES						
L0031633		0	0.94230E-05	443844.1	3769936.1	270.0	0.00	
4.19	2.38	YES						
L0031634		0	0.94230E-05	443837.7	3769929.7	270.0	0.00	
4.19	2.38	YES						
L0031635		0	0.94230E-05	443829.2	3769927.4	270.0	0.00	
4.19	2.38	YES						
L0031636		0	0.94230E-05	443820.4	3769925.9	270.0	0.00	
4.19	2.38	YES						
L0031637		0	0.94230E-05	443811.7	3769927.7	270.0	0.00	
4.19	2.38	YES						
L0031638		0	0.94230E-05	443803.1	3769930.4	270.0	0.00	
4.19	2.38	YES						
L0031639		0	0.94230E-05	443794.5	3769933.0	270.0	0.00	
4.19	2.38	YES						
L0031640		0	0.94230E-05	443786.1	3769936.2	270.0	0.00	
4.19	2.38	YES						
L0031641		0	0.94230E-05	443778.0	3769940.1	270.0	0.00	
4.19	2.38	YES						
L0031642		0	0.94230E-05	443769.9	3769944.0	270.0	0.00	
4.19	2.38	YES						
L0031643		0	0.94230E-05	443761.8	3769947.9	270.0	0.00	
4.19	2.38	YES						
L0031644		0	0.94230E-05	443753.7	3769951.8	270.0	0.00	
4.19	2.38	YES						
L0031645		0	0.94230E-05	443745.5	3769955.7	270.0	0.00	
4.19	2.38	YES						
L0031646		0	0.94230E-05	443737.4	3769959.6	270.0	0.00	
4.19	2.38	YES						
L0031647		0	0.94230E-05	443729.3	3769963.5	270.0	0.00	
4.19	2.38	YES						
L0031648		0	0.94230E-05	443721.2	3769967.4	270.0	0.00	
4.19	2.38	YES						
L0031649		0	0.94230E-05	443713.1	3769971.3	270.0	0.00	
4.19	2.38	YES						
L0031650		0	0.94230E-05	443705.0	3769975.2	270.0	0.00	
4.19	2.38	YES						
L0031651		0	0.94230E-05	443697.0	3769979.3	270.0	0.00	
4.19	2.38	YES						
L0031652		0	0.94230E-05	443689.4	3769984.1	270.0	0.00	
4.19	2.38	YES						
L0031653		0	0.94230E-05	443681.7	3769988.8	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0031654	0	0.94230E-05	443674.1	3769993.6	270.0	0.00	4.19	2.38	YES
L0031655	0	0.94230E-05	443666.5	3769998.4	270.0	0.00	4.19	2.38	YES
L0031656	0	0.94230E-05	443658.9	3770003.2	270.0	0.00	4.19	2.38	YES
L0031657	0	0.94230E-05	443651.2	3770008.0	270.0	0.00	4.19	2.38	YES
L0031658	0	0.94230E-05	443643.6	3770012.8	270.0	0.00	4.19	2.38	YES
L0031659	0	0.94230E-05	443636.0	3770017.5	270.0	0.00	4.19	2.38	YES
L0031660	0	0.94230E-05	443628.4	3770022.3	270.0	0.00	4.19	2.38	YES
L0031661	0	0.94230E-05	443620.7	3770027.1	270.0	0.00	4.19	2.38	YES
L0031662	0	0.94230E-05	443613.1	3770031.9	270.0	0.00	4.19	2.38	YES
L0031663	0	0.94230E-05	443605.5	3770036.7	270.0	0.00	4.19	2.38	YES
L0031664	0	0.96430E-05	443691.2	3770111.8	270.0	0.00	4.19	2.38	YES
L0031665	0	0.96430E-05	443688.5	3770103.2	270.0	0.00	4.19	2.38	YES
L0031666	0	0.96430E-05	443685.8	3770094.6	270.0	0.00	4.19	2.38	YES
L0031667	0	0.96430E-05	443682.8	3770086.1	270.0	0.00	4.19	2.38	YES
L0031668	0	0.96430E-05	443679.7	3770077.7	270.0	0.00	4.19	2.38	YES
L0031669	0	0.96430E-05	443675.3	3770070.0	270.0	0.00	4.19	2.38	YES

L0031670		0	0.96430E-05	443669.0	3770063.6	270.0	0.00	
4.19	2.38	YES						
L0031671		0	0.96430E-05	443662.7	3770057.1	270.0	0.00	
4.19	2.38	YES						
L0031672		0	0.96430E-05	443654.8	3770053.1	270.0	0.00	
4.19	2.38	YES						
L0031673		0	0.96430E-05	443646.5	3770049.6	270.0	0.00	
4.19	2.38	YES						
L0031674		0	0.96430E-05	443637.8	3770047.4	270.0	0.00	
4.19	2.38	YES						
L0031675		0	0.96430E-05	443629.1	3770045.3	270.0	0.00	
4.19	2.38	YES						
L0031676		0	0.96430E-05	443620.2	3770045.3	270.0	0.00	
4.19	2.38	YES						
L0031677		0	0.96430E-05	443611.4	3770046.9	270.0	0.00	
4.19	2.38	YES						
L0031678		0	0.96430E-05	443602.9	3770049.6	270.0	0.00	
4.19	2.38	YES						
L0031679		0	0.96430E-05	443594.9	3770053.7	270.0	0.00	
4.19	2.38	YES						
L0031680		0	0.96430E-05	443586.7	3770057.5	270.0	0.00	
4.19	2.38	YES						
L0031681		0	0.96430E-05	443578.5	3770061.2	270.0	0.00	
4.19	2.38	YES						
L0031682		0	0.96430E-05	443570.7	3770065.6	270.0	0.00	
4.19	2.38	YES						
L0031683		0	0.96430E-05	443563.0	3770070.2	270.0	0.00	
4.19	2.38	YES						
L0031684		0	0.96430E-05	443555.2	3770074.8	270.0	0.00	
4.19	2.38	YES						
L0031685		0	0.96430E-05	443547.5	3770079.4	270.0	0.00	
4.19	2.38	YES						
L0031686		0	0.96430E-05	443539.8	3770084.1	270.0	0.00	
4.19	2.38	YES						
L0031687		0	0.96430E-05	443532.0	3770088.7	270.0	0.00	
4.19	2.38	YES						
L0031688		0	0.96430E-05	443524.3	3770093.3	270.0	0.00	
4.19	2.38	YES						
L0031689		0	0.96430E-05	443516.6	3770097.9	270.0	0.00	
4.19	2.38	YES						
L0031690		0	0.96430E-05	443508.8	3770102.5	270.0	0.00	
4.19	2.38	YES						
L0031691		0	0.96430E-05	443501.1	3770107.1	270.0	0.00	
4.19	2.38	YES						
L0031692		0	0.30161E-04	444158.3	3769774.4	270.0	0.00	
4.19	2.38	YES						
L0031693		0	0.30161E-04	444150.0	3769777.9	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0031694	0	0.30161E-04	444141.7	3769781.4	270.0	0.00	4.19	2.38	YES
L0031695	0	0.30161E-04	444133.4	3769784.8	270.0	0.00	4.19	2.38	YES
L0031696	0	0.30161E-04	444125.1	3769788.3	270.0	0.00	4.19	2.38	YES
L0031697	0	0.30161E-04	444116.8	3769791.7	270.0	0.00	4.19	2.38	YES
L0031698	0	0.30161E-04	444108.5	3769795.2	270.0	0.00	4.19	2.38	YES
L0031699	0	0.30161E-04	444100.2	3769798.7	270.0	0.00	4.19	2.38	YES
L0031700	0	0.30161E-04	444091.9	3769802.1	270.0	0.00	4.19	2.38	YES
L0031701	0	0.30161E-04	444083.5	3769805.6	270.0	0.00	4.19	2.38	YES
L0031702	0	0.30161E-04	444075.2	3769809.1	270.0	0.00	4.19	2.38	YES
L0031703	0	0.30161E-04	444066.9	3769812.5	270.0	0.00	4.19	2.38	YES
L0031704	0	0.30161E-04	444058.6	3769816.0	270.0	0.00	4.19	2.38	YES
L0031705	0	0.30161E-04	444050.3	3769819.5	270.0	0.00	4.19	2.38	YES
L0031706	0	0.30161E-04	444042.0	3769822.9	270.0	0.00	4.19	2.38	YES
L0031707	0	0.30161E-04	444033.7	3769826.4	270.0	0.00	4.19	2.38	YES
L0031708	0	0.30161E-04	444025.4	3769829.8	270.0	0.00	4.19	2.38	YES
L0031709	0	0.30161E-04	444017.1	3769833.3	270.0	0.00	4.19	2.38	YES

L0031710		0	0.30161E-04	444008.8	3769836.8	270.0	0.00	
4.19	2.38	YES						
L0031711		0	0.30161E-04	444000.5	3769840.2	270.0	0.00	
4.19	2.38	YES						
L0031712		0	0.30161E-04	443992.2	3769843.7	270.0	0.00	
4.19	2.38	YES						
L0031713		0	0.30161E-04	443983.9	3769847.2	270.0	0.00	
4.19	2.38	YES						
L0031714		0	0.30161E-04	443975.6	3769850.6	270.0	0.00	
4.19	2.38	YES						
L0031715		0	0.30161E-04	443967.7	3769854.9	270.0	0.00	
4.19	2.38	YES						
L0031716		0	0.30161E-04	443960.0	3769859.6	270.0	0.00	
4.19	2.38	YES						
L0031717		0	0.30161E-04	443952.3	3769864.3	270.0	0.00	
4.19	2.38	YES						
L0031718		0	0.30161E-04	443944.6	3769868.9	270.0	0.00	
4.19	2.38	YES						
L0031719		0	0.30161E-04	443936.9	3769873.6	270.0	0.00	
4.19	2.38	YES						
L0031720		0	0.30161E-04	443929.2	3769878.3	270.0	0.00	
4.19	2.38	YES						
L0031721		0	0.30161E-04	443921.5	3769882.9	270.0	0.00	
4.19	2.38	YES						
L0031722		0	0.30161E-04	443913.8	3769887.6	270.0	0.00	
4.19	2.38	YES						
L0031723		0	0.30161E-04	443908.9	3769895.1	270.0	0.00	
4.19	2.38	YES						
L0031724		0	0.30161E-04	443904.2	3769902.7	270.0	0.00	
4.19	2.38	YES						
L0031725		0	0.30161E-04	443899.4	3769910.4	270.0	0.00	
4.19	2.38	YES						
L0031726		0	0.30161E-04	443895.8	3769918.6	270.0	0.00	
4.19	2.38	YES						
L0031727		0	0.30161E-04	443892.7	3769927.0	270.0	0.00	
4.19	2.38	YES						
L0031728		0	0.30161E-04	443889.6	3769935.5	270.0	0.00	
4.19	2.38	YES						
L0031729		0	0.30161E-04	443886.5	3769943.9	270.0	0.00	
4.19	2.38	YES						
L0031730		0	0.30161E-04	443883.4	3769952.4	270.0	0.00	
4.19	2.38	YES						
L0031731		0	0.30161E-04	443880.3	3769960.8	270.0	0.00	
4.19	2.38	YES						
L0031732		0	0.30161E-04	443877.2	3769969.2	270.0	0.00	
4.19	2.38	YES						
L0031733		0	0.30161E-04	443874.0	3769977.7	270.0	0.00	
4.19	2.38	YES						

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0031734	0	0.30161E-04	443870.9	3769986.1	270.0	0.00	4.19	2.38	YES
L0031735	0	0.30161E-04	443867.7	3769994.5	270.0	0.00	4.19	2.38	YES
L0031736	0	0.30161E-04	443864.6	3770003.0	270.0	0.00	4.19	2.38	YES
L0031737	0	0.30161E-04	443860.2	3770010.8	270.0	0.00	4.19	2.38	YES
L0031738	0	0.30161E-04	443855.8	3770018.7	270.0	0.00	4.19	2.38	YES
L0031739	0	0.30161E-04	443851.5	3770026.6	270.0	0.00	4.19	2.38	YES
L0031740	0	0.30161E-04	443845.3	3770033.0	270.0	0.00	4.19	2.38	YES
L0031741	0	0.30161E-04	443838.7	3770039.2	270.0	0.00	4.19	2.38	YES
L0031742	0	0.30161E-04	443831.8	3770044.8	270.0	0.00	4.19	2.38	YES
L0031743	0	0.30161E-04	443823.4	3770047.9	270.0	0.00	4.19	2.38	YES
L0031744	0	0.30161E-04	443814.9	3770050.9	270.0	0.00	4.19	2.38	YES
L0031745	0	0.30161E-04	443806.4	3770054.0	270.0	0.00	4.19	2.38	YES
L0031746	0	0.30161E-04	443797.8	3770056.6	270.0	0.00	4.19	2.38	YES
L0031747	0	0.30161E-04	443789.1	3770058.7	270.0	0.00	4.19	2.38	YES
L0031748	0	0.30161E-04	443780.3	3770060.8	270.0	0.00	4.19	2.38	YES
L0031749	0	0.30161E-04	443771.6	3770063.0	270.0	0.00	4.19	2.38	YES

L0031750		0	0.30161E-04	443762.7	3770064.6	270.0	0.00	4.19	2.38	YES
L0031751		0	0.30161E-04	443753.8	3770065.6	270.0	0.00	4.19	2.38	YES
L0031752		0	0.30161E-04	443744.9	3770066.7	270.0	0.00	4.19	2.38	YES
L0031753		0	0.30161E-04	443735.9	3770067.7	270.0	0.00	4.19	2.38	YES

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0031214 , L0031215 , L0031216 , L0031217 , L0031218 , L0031219 , L0031220 , L0031221 ,
	L0031222 , L0031223 , L0031224 , L0031225 , L0031226 , L0031227 , L0031228 , L0031229 ,
	L0031230 , L0031231 , L0031232 , L0031233 , L0031234 , L0031235 , L0031236 , L0031237 ,
	L0031238 , L0031239 , L0031240 , L0031241 , L0031242 , L0031243 , L0031244 , L0031245 ,
	L0031246 , L0031247 , L0031248 , L0031249 , L0031250 , L0031251 , L0031252 , L0031253 ,
	L0031254 , L0031255 , L0031256 , L0031257 , L0031258 , L0031259 , L0031260 , L0031261 ,
	L0031262 , L0031263 , L0031264 , L0031265 , L0031266 , L0031267 , L0031268 , L0031269 ,
	L0031270 , L0031271 , L0031272 , L0031273 , L0031274 , L0031275 , L0031276 , L0031277 ,
	L0031278 , L0031279 , L0031280 , L0031281 , L0031282 , L0031283 , L0031284 , L0031285 ,
	L0031286 , L0031287 , L0031288 , L0031289 , L0031290 , L0031291 , L0031292 , L0031293 ,
	L0031294 , L0031295 , L0031296 , L0031297 , L0031298 , L0031299 , L0031300 , L0031301 ,
	L0031302 , L0031303 , L0031304 , L0031305 , L0031306 , L0031307 , L0031308 , L0031309 ,
	L0031310 , L0031311 , L0031312 , L0031313 , L0031314 , L0031315 , L0031316 , L0031317 ,

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L0031322    , L0031323    , L0031324    , L0031325    ,

             L0031326    , L0031327    , L0031328    , L0031329    ,
L0031330    , L0031331    , L0031332    , L0031333    ,

             L0031334    , L0031335    , L0031336    , L0031337    ,
L0031338    , L0031339    , L0031340    , L0031341    ,

             L0031342    , L0031343    , L0031344    , L0031345    ,
L0031346    , L0031347    , L0031348    , L0031349    ,

             L0031350    , L0031351    , L0031352    , L0031353    ,
L0031354    , L0031355    , L0031356    , L0031357    ,

             L0031358    , L0031359    , L0031360    , L0031361    ,
L0031362    , L0031363    , L0031364    , L0031365    ,

             L0031366    , L0031367    , L0031368    , L0031369    ,
L0031370    , L0031371    , L0031372    , L0031373    ,
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**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0031374 , L0031375 , L0031376 , L0031377 , L0031378 , L0031379 , L0031380 , L0031381 ,
	L0031382 , L0031383 , L0031384 , L0031385 , L0031386 , L0031387 , L0031388 , L0031389 ,
	L0031390 , L0031391 , L0031392 , L0031393 , L0031394 , L0031395 , L0031396 , L0031397 ,
	L0031398 , L0031399 , L0031400 , L0031401 , L0031402 , L0031403 , L0031404 , L0031405 ,
	L0031406 , L0031407 , L0031408 , L0031409 , L0031410 , L0031411 , L0031412 , L0031413 ,
	L0031414 , L0031415 , L0031416 , L0031417 , L0031418 , L0031419 , L0031420 , L0031421 ,
	L0031422 , L0031423 , L0031424 , L0031425 , L0031426 , L0031427 , L0031428 , L0031429 ,
	L0031430 , L0031431 , L0031432 , L0031433 , L0031434 , L0031435 , L0031436 , L0031437 ,
	L0031438 , L0031439 , L0031440 , L0031441 , L0031442 , L0031443 , L0031444 , L0031445 ,
	L0031446 , L0031447 , L0031448 , L0031449 , L0031450 , L0031451 , L0031452 , L0031453 ,
	L0031454 , L0031455 , L0031456 , L0031457 , L0031458 , L0031459 , L0031460 , L0031461 ,
	L0031462 , L0031463 , L0031464 , L0031465 , L0031466 , L0031467 , L0031468 , L0031469 ,
	L0031470 , L0031471 , L0031472 , L0031473 , L0031474 , L0031475 , L0031476 , L0031477 ,

L0031478 , L0031479 , L0031480 , L0031481 ,
L0031482 , L0031483 , L0031484 , L0031485 ,

L0031486 , L0031487 , L0031488 , L0031489 ,
L0031490 , L0031491 , L0031492 , L0031493 ,

L0031494 , L0031495 , L0031496 , L0031497 ,
L0031498 , L0031499 , L0031500 , L0031501 ,

L0031502 , L0031503 , L0031504 , L0031505 ,
L0031506 , L0031507 , L0031508 , L0031509 ,

L0031510 , L0031511 , L0031512 , L0031513 ,
L0031514 , L0031515 , L0031516 , L0031517 ,

L0031518 , L0031519 , L0031520 , L0031521 ,
L0031522 , L0031523 , L0031524 , L0031525 ,

L0031526 , L0031527 , L0031528 , L0031529 ,
L0031530 , L0031531 , L0031532 , L0031533 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0031534 , L0031535 , L0031536 , L0031537 , L0031538 , L0031539 , L0031540 , L0031541 ,
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	L0031550 , L0031551 , L0031552 , L0031553 , L0031554 , L0031555 , L0031556 , L0031557 ,
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	L0031566 , L0031567 , L0031568 , L0031569 , L0031570 , L0031571 , L0031572 , L0031573 ,
	L0031574 , L0031575 , L0031576 , L0031577 , L0031578 , L0031579 , L0031580 , L0031581 ,
	L0031582 , L0031583 , L0031584 , L0031585 , L0031586 , L0031587 , L0031588 , L0031589 ,
	L0031590 , L0031591 , L0031592 , L0031593 , L0031594 , L0031595 , L0031596 , L0031597 ,
	L0031598 , L0031599 , L0031600 , L0031601 , L0031602 , L0031603 , L0031604 , L0031605 ,
	L0031606 , L0031607 , L0031608 , L0031609 , L0031610 , L0031611 , L0031612 , L0031613 ,
	L0031614 , L0031615 , L0031616 , L0031617 , L0031618 , L0031619 , L0031620 , L0031621 ,
	L0031622 , L0031623 , L0031624 , L0031625 , L0031626 , L0031627 , L0031628 , L0031629 ,
	L0031630 , L0031631 , L0031632 , L0031633 , L0031634 , L0031635 , L0031636 , L0031637 ,

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L0031642 , L0031643 , L0031644 , L0031645 ,

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L0031658 , L0031659 , L0031660 , L0031661 ,

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L0031666 , L0031667 , L0031668 , L0031669 ,

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L0031674 , L0031675 , L0031676 , L0031677 ,

L0031678 , L0031679 , L0031680 , L0031681 ,
L0031682 , L0031683 , L0031684 , L0031685 ,

L0031686 , L0031687 , L0031688 , L0031689 ,
L0031690 , L0031691 , L0031692 , L0031693 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0031694 , L0031695 , L0031696 , L0031697 , L0031698 , L0031699 , L0031700 , L0031701 ,
	L0031702 , L0031703 , L0031704 , L0031705 , L0031706 , L0031707 , L0031708 , L0031709 ,
	L0031710 , L0031711 , L0031712 , L0031713 , L0031714 , L0031715 , L0031716 , L0031717 ,
	L0031718 , L0031719 , L0031720 , L0031721 , L0031722 , L0031723 , L0031724 , L0031725 ,
	L0031726 , L0031727 , L0031728 , L0031729 , L0031730 , L0031731 , L0031732 , L0031733 ,
	L0031734 , L0031735 , L0031736 , L0031737 , L0031738 , L0031739 , L0031740 , L0031741 ,
	L0031742 , L0031743 , L0031744 , L0031745 , L0031746 , L0031747 , L0031748 , L0031749 ,
	L0031750 , L0031751 , L0031752 , L0031753 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2015355.	L0031214 , L0031215 , L0031216 , L0031217 , L0031218 , L0031219 , L0031220 , L0031221 ,
		L0031222 , L0031223 , L0031224 , L0031225 , L0031226 , L0031227 , L0031228 , L0031229 ,
		L0031230 , L0031231 , L0031232 , L0031233 , L0031234 , L0031235 , L0031236 , L0031237 ,
		L0031238 , L0031239 , L0031240 , L0031241 , L0031242 , L0031243 , L0031244 , L0031245 ,
		L0031246 , L0031247 , L0031248 , L0031249 , L0031250 , L0031251 , L0031252 , L0031253 ,
		L0031254 , L0031255 , L0031256 , L0031257 , L0031258 , L0031259 , L0031260 , L0031261 ,
		L0031262 , L0031263 , L0031264 , L0031265 , L0031266 , L0031267 , L0031268 , L0031269 ,
		L0031270 , L0031271 , L0031272 , L0031273 , L0031274 , L0031275 , L0031276 , L0031277 ,
		L0031278 , L0031279 , L0031280 , L0031281 , L0031282 , L0031283 , L0031284 , L0031285 ,
		L0031286 , L0031287 , L0031288 , L0031289 , L0031290 , L0031291 , L0031292 , L0031293 ,
		L0031294 , L0031295 , L0031296 , L0031297 , L0031298 , L0031299 , L0031300 , L0031301 ,
		L0031302 , L0031303 , L0031304 , L0031305 , L0031306 , L0031307 , L0031308 , L0031309 ,

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L0031314    , L0031315    , L0031316    , L0031317    ,

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L0031322    , L0031323    , L0031324    , L0031325    ,

             L0031326    , L0031327    , L0031328    , L0031329    ,
L0031330    , L0031331    , L0031332    , L0031333    ,

             L0031334    , L0031335    , L0031336    , L0031337    ,
L0031338    , L0031339    , L0031340    , L0031341    ,

             L0031342    , L0031343    , L0031344    , L0031345    ,
L0031346    , L0031347    , L0031348    , L0031349    ,

             L0031350    , L0031351    , L0031352    , L0031353    ,
L0031354    , L0031355    , L0031356    , L0031357    ,

             L0031358    , L0031359    , L0031360    , L0031361    ,
L0031362    , L0031363    , L0031364    , L0031365    ,

             L0031366    , L0031367    , L0031368    , L0031369    ,
L0031370    , L0031371    , L0031372    , L0031373    ,
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**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0031374 , L0031375 , L0031376 , L0031377 , L0031378 , L0031379 , L0031380 , L0031381 ,

L0031382 , L0031383 , L0031384 , L0031385 , L0031386 , L0031387 , L0031388 , L0031389 ,

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L0031398 , L0031399 , L0031400 , L0031401 , L0031402 , L0031403 , L0031404 , L0031405 ,

L0031406 , L0031407 , L0031408 , L0031409 , L0031410 , L0031411 , L0031412 , L0031413 ,

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L0031506 , L0031507 , L0031508 , L0031509 ,

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L0031526 , L0031527 , L0031528 , L0031529 ,
L0031530 , L0031531 , L0031532 , L0031533 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0031534 , L0031535 , L0031536 , L0031537 , L0031538 , L0031539 , L0031540 , L0031541 ,

L0031542 , L0031543 , L0031544 , L0031545 , L0031546 , L0031547 , L0031548 , L0031549 ,

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L0031614 , L0031615 , L0031616 , L0031617 , L0031618 , L0031619 , L0031620 , L0031621 ,

L0031622 , L0031623 , L0031624 , L0031625 , L0031626 , L0031627 , L0031628 , L0031629 ,

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L0031686 , L0031687 , L0031688 , L0031689 ,
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**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
		L0031694 , L0031695 , L0031696 , L0031697 , L0031698 , L0031699 , L0031700 , L0031701 ,
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		L0031710 , L0031711 , L0031712 , L0031713 , L0031714 , L0031715 , L0031716 , L0031717 ,
		L0031718 , L0031719 , L0031720 , L0031721 , L0031722 , L0031723 , L0031724 , L0031725 ,
		L0031726 , L0031727 , L0031728 , L0031729 , L0031730 , L0031731 , L0031732 , L0031733 ,
		L0031734 , L0031735 , L0031736 , L0031737 , L0031738 , L0031739 , L0031740 , L0031741 ,
		L0031742 , L0031743 , L0031744 , L0031745 , L0031746 , L0031747 , L0031748 , L0031749 ,
		L0031750 , L0031751 , L0031752 , L0031753 ,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

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

(444782.0, 3769929.4, 270.0, 270.0, 0.0); (444818.4, 3769929.4, 270.0, 270.0, 0.0);
(444854.8, 3769929.4, 270.0, 270.0, 0.0); (444891.1, 3769929.4, 270.0, 270.0, 0.0);
(444927.5, 3769929.4, 270.0, 270.0, 0.0); (444963.9, 3769929.4, 270.0, 270.0, 0.0);
(445000.3, 3769929.4, 270.0, 270.0, 0.0); (445036.7, 3769929.4, 270.0, 270.0, 0.0);
(445073.1, 3769929.4, 270.0, 270.0, 0.0); (445109.5, 3769929.4, 270.0, 270.0, 0.0);
(445145.9, 3769929.4, 270.0, 270.0, 0.0); (445182.3, 3769929.4, 270.0, 270.0, 0.0);
(444782.0, 3769941.0, 270.0, 270.0, 0.0); (444818.4, 3769941.0, 270.0, 270.0, 0.0);
(444854.8, 3769941.0, 270.0, 270.0, 0.0); (444891.1, 3769941.0, 270.0, 270.0, 0.0);
(444927.5, 3769941.0, 270.0, 270.0, 0.0); (444963.9, 3769941.0, 270.0, 270.0, 0.0);
(445000.3, 3769941.0, 270.0, 270.0, 0.0); (445036.7, 3769941.0, 270.0, 270.0, 0.0);
(445073.1, 3769941.0, 270.0, 270.0, 0.0); (445109.5, 3769941.0, 270.0, 270.0, 0.0);
(445145.9, 3769941.0, 270.0, 270.0, 0.0); (445182.3, 3769941.0, 270.0, 270.0, 0.0);
(444782.0, 3769952.5, 270.0, 270.0, 0.0); (444818.4, 3769952.5, 270.0, 270.0, 0.0);
(444854.8, 3769952.5, 270.0, 270.0, 0.0); (444891.1, 3769952.5, 270.0, 270.0, 0.0);
(444927.5, 3769952.5, 270.0, 270.0, 0.0); (444963.9, 3769952.5, 270.0, 270.0, 0.0);
(445000.3, 3769952.5, 270.0, 270.0, 0.0); (445036.7, 3769952.5, 270.0, 270.0, 0.0);
(445073.1, 3769952.5, 270.0, 270.0, 0.0); (445109.5, 3769952.5, 270.0, 270.0, 0.0);
(445145.9, 3769952.5, 270.0, 270.0, 0.0); (445182.3, 3769952.5, 270.0, 270.0, 0.0);
(444782.0, 3769964.1, 270.0, 270.0, 0.0); (444818.4, 3769964.1, 270.0, 270.0, 0.0);
(444854.8, 3769964.1, 270.0, 270.0, 0.0); (444891.1, 3769964.1, 270.0, 270.0, 0.0);

```
     ( 444927.5, 3769964.1,     270.0,     270.0,       0.0);         (
444963.9, 3769964.1,     270.0,     270.0,       0.0);
     ( 445000.3, 3769964.1,     270.0,     270.0,       0.0);         (
445036.7, 3769964.1,     270.0,     270.0,       0.0);
     ( 445073.1, 3769964.1,     270.0,     270.0,       0.0);         (
445109.5, 3769964.1,     270.0,     270.0,       0.0);
     ( 445145.9, 3769964.1,     270.0,     270.0,       0.0);         (
445182.3, 3769964.1,     270.0,     270.0,       0.0);
     ( 445218.7, 3769964.1,     270.0,     270.0,       0.0);         (
444782.0, 3769975.7,     270.0,     270.0,       0.0);
     ( 444818.4, 3769975.7,     270.0,     270.0,       0.0);         (
444854.8, 3769975.7,     270.0,     270.0,       0.0);
     ( 444891.1, 3769975.7,     270.0,     270.0,       0.0);         (
444927.5, 3769975.7,     270.0,     270.0,       0.0);
     ( 444963.9, 3769975.7,     270.0,     270.0,       0.0);         (
445000.3, 3769975.7,     270.0,     270.0,       0.0);
     ( 445036.7, 3769975.7,     270.0,     270.0,       0.0);         (
445073.1, 3769975.7,     270.0,     270.0,       0.0);
     ( 445109.5, 3769975.7,     270.0,     270.0,       0.0);         (
445145.9, 3769975.7,     270.0,     270.0,       0.0);
     ( 445182.3, 3769975.7,     270.0,     270.0,       0.0);         (
445218.7, 3769975.7,     270.0,     270.0,       0.0);
     ( 444782.0, 3769987.2,     270.0,     270.0,       0.0);         (
444818.4, 3769987.2,     270.0,     270.0,       0.0);
     ( 444854.8, 3769987.2,     270.0,     270.0,       0.0);         (
444891.1, 3769987.2,     270.0,     270.0,       0.0);
     ( 444927.5, 3769987.2,     270.0,     270.0,       0.0);         (
444963.9, 3769987.2,     270.0,     270.0,       0.0);
     ( 445000.3, 3769987.2,     270.0,     270.0,       0.0);         (
445036.7, 3769987.2,     270.0,     270.0,       0.0);
     ( 445073.1, 3769987.2,     270.0,     270.0,       0.0);         (
445109.5, 3769987.2,     270.0,     270.0,       0.0);
     ( 445145.9, 3769987.2,     270.0,     270.0,       0.0);         (
445182.3, 3769987.2,     270.0,     270.0,       0.0);
     ( 445218.7, 3769987.2,     270.0,     270.0,       0.0);         (
444782.0, 3769998.8,     270.0,     270.0,       0.0);
     ( 444818.4, 3769998.8,     270.0,     270.0,       0.0);         (
444854.8, 3769998.8,     270.0,     270.0,       0.0);
     ( 444891.1, 3769998.8,     270.0,     270.0,       0.0);         (
444927.5, 3769998.8,     270.0,     270.0,       0.0);
     ( 444963.9, 3769998.8,     270.0,     270.0,       0.0);         (
445000.3, 3769998.8,     270.0,     270.0,       0.0);
     ( 445036.7, 3769998.8,     270.0,     270.0,       0.0);         (
445073.1, 3769998.8,     270.0,     270.0,       0.0);
     ( 445109.5, 3769998.8,     270.0,     270.0,       0.0);         (
445145.9, 3769998.8,     270.0,     270.0,       0.0);
     ( 445182.3, 3769998.8,     270.0,     270.0,       0.0);         (
445218.7, 3769998.8,     270.0,     270.0,       0.0);
     ( 444782.0, 3770010.4,     270.0,     270.0,       0.0);         (
444818.4, 3770010.4,     270.0,     270.0,       0.0);
```

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

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

(444854.8, 3770010.4, 270.0, 270.0, 0.0); (444891.1, 3770010.4, 270.0, 270.0, 0.0);
(444927.5, 3770010.4, 270.0, 270.0, 0.0); (444963.9, 3770010.4, 270.0, 270.0, 0.0);
(445000.3, 3770010.4, 270.0, 270.0, 0.0); (445036.7, 3770010.4, 270.0, 270.0, 0.0);
(445073.1, 3770010.4, 270.0, 270.0, 0.0); (445109.5, 3770010.4, 270.0, 270.0, 0.0);
(445145.9, 3770010.4, 270.0, 270.0, 0.0); (445182.3, 3770010.4, 270.0, 270.0, 0.0);
(445218.7, 3770010.4, 270.0, 270.0, 0.0); (444782.0, 3770021.9, 270.0, 270.0, 0.0);
(444818.4, 3770021.9, 270.0, 270.0, 0.0); (444854.8, 3770021.9, 270.0, 270.0, 0.0);
(444891.1, 3770021.9, 270.0, 270.0, 0.0); (444927.5, 3770021.9, 270.0, 270.0, 0.0);
(444963.9, 3770021.9, 270.0, 270.0, 0.0); (445000.3, 3770021.9, 270.0, 270.0, 0.0);
(445036.7, 3770021.9, 270.0, 270.0, 0.0); (445073.1, 3770021.9, 270.0, 270.0, 0.0);
(445109.5, 3770021.9, 270.0, 270.0, 0.0); (445145.9, 3770021.9, 270.0, 270.0, 0.0);
(445182.3, 3770021.9, 270.0, 270.0, 0.0); (445218.7, 3770021.9, 270.0, 270.0, 0.0);
(444782.0, 3770033.5, 270.0, 270.0, 0.0); (444818.4, 3770033.5, 270.0, 270.0, 0.0);
(444854.8, 3770033.5, 270.0, 270.0, 0.0); (444891.1, 3770033.5, 270.0, 270.0, 0.0);
(444927.5, 3770033.5, 270.0, 270.0, 0.0); (444963.9, 3770033.5, 270.0, 270.0, 0.0);
(445000.3, 3770033.5, 270.0, 270.0, 0.0); (445036.7, 3770033.5, 270.0, 270.0, 0.0);
(445073.1, 3770033.5, 270.0, 270.0, 0.0); (445109.5, 3770033.5, 270.0, 270.0, 0.0);
(445145.9, 3770033.5, 270.0, 270.0, 0.0); (445182.3, 3770033.5, 270.0, 270.0, 0.0);
(445218.7, 3770033.5, 270.0, 270.0, 0.0); (445249.4, 3770033.5, 270.0, 270.0, 0.0);
(444782.0, 3770045.1, 270.0, 270.0, 0.0); (444818.4, 3770045.1, 270.0, 270.0, 0.0);

```
     ( 444854.8, 3770045.1,     270.0,     270.0,       0.0);         (
444891.1, 3770045.1,     270.0,     270.0,       0.0);
     ( 444927.5, 3770045.1,     270.0,     270.0,       0.0);         (
444963.9, 3770045.1,     270.0,     270.0,       0.0);
     ( 445000.3, 3770045.1,     270.0,     270.0,       0.0);         (
445036.7, 3770045.1,     270.0,     270.0,       0.0);
     ( 445073.1, 3770045.1,     270.0,     270.0,       0.0);         (
445109.5, 3770045.1,     270.0,     270.0,       0.0);
     ( 445145.9, 3770045.1,     270.0,     270.0,       0.0);         (
445182.3, 3770045.1,     270.0,     270.0,       0.0);
     ( 445218.7, 3770045.1,     270.0,     270.0,       0.0);         (
445255.0, 3770045.1,     270.0,     270.0,       0.0);
     ( 444818.4, 3770056.7,     270.0,     270.0,       0.0);         (
444854.8, 3770056.7,     270.0,     270.0,       0.0);
     ( 444891.1, 3770056.7,     270.0,     270.0,       0.0);         (
444927.5, 3770056.7,     270.0,     270.0,       0.0);
     ( 444963.9, 3770056.7,     270.0,     270.0,       0.0);         (
445000.3, 3770056.7,     270.0,     270.0,       0.0);
     ( 445036.7, 3770056.7,     270.0,     270.0,       0.0);         (
445073.1, 3770056.7,     270.0,     270.0,       0.0);
     ( 445109.5, 3770056.7,     270.0,     270.0,       0.0);         (
445145.9, 3770056.7,     270.0,     270.0,       0.0);
     ( 445182.3, 3770056.7,     270.0,     270.0,       0.0);         (
445218.7, 3770056.7,     270.0,     270.0,       0.0);
     ( 445255.0, 3770056.7,     270.0,     270.0,       0.0);         (
444818.4, 3770068.2,     270.0,     270.0,       0.0);
     ( 444854.8, 3770068.2,     270.0,     270.0,       0.0);         (
444891.1, 3770068.2,     270.0,     270.0,       0.0);
     ( 444927.5, 3770068.2,     270.0,     270.0,       0.0);         (
444963.9, 3770068.2,     270.0,     270.0,       0.0);
     ( 445000.3, 3770068.2,     270.0,     270.0,       0.0);         (
445036.7, 3770068.2,     270.0,     270.0,       0.0);
     ( 445073.1, 3770068.2,     270.0,     270.0,       0.0);         (
445109.5, 3770068.2,     270.0,     270.0,       0.0);
     ( 445145.9, 3770068.2,     270.0,     270.0,       0.0);         (
445182.3, 3770068.2,     270.0,     270.0,       0.0);
     ( 445218.7, 3770068.2,     270.0,     270.0,       0.0);         (
445255.0, 3770068.2,     270.0,     270.0,       0.0);
     ( 444818.4, 3770079.8,     270.0,     270.0,       0.0);         (
444854.8, 3770079.8,     270.0,     270.0,       0.0);
     ( 444891.1, 3770079.8,     270.0,     270.0,       0.0);         (
444927.5, 3770079.8,     270.0,     270.0,       0.0);
     ( 444963.9, 3770079.8,     270.0,     270.0,       0.0);         (
445000.3, 3770079.8,     270.0,     270.0,       0.0);
     ( 445036.7, 3770079.8,     270.0,     270.0,       0.0);         (
445073.1, 3770079.8,     270.0,     270.0,       0.0);
     ( 445109.5, 3770079.8,     270.0,     270.0,       0.0);         (
445145.9, 3770079.8,     270.0,     270.0,       0.0);
     ( 445182.3, 3770079.8,     270.0,     270.0,       0.0);         (
445218.7, 3770079.8,     270.0,     270.0,       0.0);
```

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

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

(445255.0, 3770079.8, 270.0, 270.0, 0.0); (444818.4, 3770091.4, 270.0, 270.0, 0.0);
(444854.8, 3770091.4, 270.0, 270.0, 0.0); (444891.1, 3770091.4, 270.0, 270.0, 0.0);
(444927.5, 3770091.4, 270.0, 270.0, 0.0); (444963.9, 3770091.4, 270.0, 270.0, 0.0);
(445000.3, 3770091.4, 270.0, 270.0, 0.0); (445036.7, 3770091.4, 270.0, 270.0, 0.0);
(445073.1, 3770091.4, 270.0, 270.0, 0.0); (445109.5, 3770091.4, 270.0, 270.0, 0.0);
(445145.9, 3770091.4, 270.0, 270.0, 0.0); (445182.3, 3770091.4, 270.0, 270.0, 0.0);
(445218.7, 3770091.4, 270.0, 270.0, 0.0); (445255.0, 3770091.4, 270.0, 270.0, 0.0);
(444818.4, 3770102.9, 270.0, 270.0, 0.0); (444854.8, 3770102.9, 270.0, 270.0, 0.0);
(444891.1, 3770102.9, 270.0, 270.0, 0.0); (444927.5, 3770102.9, 270.0, 270.0, 0.0);
(444963.9, 3770102.9, 270.0, 270.0, 0.0); (445000.3, 3770102.9, 270.0, 270.0, 0.0);
(445036.7, 3770102.9, 270.0, 270.0, 0.0); (445073.1, 3770102.9, 270.0, 270.0, 0.0);
(445109.5, 3770102.9, 270.0, 270.0, 0.0); (445145.9, 3770102.9, 270.0, 270.0, 0.0);
(445182.3, 3770102.9, 270.0, 270.0, 0.0); (445218.7, 3770102.9, 270.0, 270.0, 0.0);
(445255.0, 3770102.9, 270.0, 270.0, 0.0); (444818.4, 3770114.5, 270.0, 270.0, 0.0);
(444854.8, 3770114.5, 270.0, 270.0, 0.0); (444891.1, 3770114.5, 270.0, 270.0, 0.0);
(444927.5, 3770114.5, 270.0, 270.0, 0.0); (444963.9, 3770114.5, 270.0, 270.0, 0.0);
(445000.3, 3770112.1, 270.0, 270.0, 0.0); (445036.7, 3770112.1, 270.0, 270.0, 0.0);
(445073.1, 3770111.8, 270.0, 270.0, 0.0); (445109.5, 3770111.3, 270.0, 270.0, 0.0);
(445145.9, 3770110.8, 270.0, 270.0, 0.0); (445182.7, 3770110.3, 270.0, 270.0, 0.0);
(445217.7, 3770109.9, 270.0, 270.0, 0.0); (445271.2, 3770103.0, 270.0, 270.0, 0.0);

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

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

Surface file: poma6.SFC
Met Version: 12345
Profile file: poma6.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3190 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2005 Year: 2005

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
05	01	01	1	01	-0.6	0.027	-9.000	-9.000	-999.	10.	3.1	0.47	1.00	1.00	0.40	61.	9.1	277.4	5.5
05	01	01	1	02	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	41.	9.1	278.5	5.5
05	01	01	1	03	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	41.	9.1	278.5	5.5
05	01	01	1	04	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	29.	9.1	278.4	5.5
05	01	01	1	05	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	28.	9.1	278.2	5.5
05	01	01	1	06	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	30.	9.1	278.9	5.5
05	01	01	1	07	-0.3	0.019	-9.000	-9.000	-999.	6.	2.2	0.47	1.00	1.00	0.28	25.	9.1	278.9	5.5
05	01	01	1	08	-0.5	0.027	-9.000	-9.000	-999.	10.	3.4	0.47	1.00	0.54	0.40	35.	9.1	279.6	5.5
05	01	01	1	09	28.5	0.099	0.384	0.005	70.	72.	-3.0	0.47	1.00	0.31	0.40	173.	9.1	281.2	5.5
05	01	01	1	10	80.8	0.238	1.217	0.005	782.	267.	-14.5	0.47	1.00	0.24	1.30	173.	9.1	283.4	5.5
05	01	01	1	11	119.2	0.249	1.518	0.007	1028.	285.	-11.3	0.47	1.00	0.21	1.30	196.	9.1	285.2	5.5
05	01	01	1	12	120.4	0.249	1.615	0.009	1225.	286.	-11.2	0.47	1.00	0.20	1.30	212.	9.1	286.1	5.5
05	01	01	1	13	120.9	0.249	1.629	0.009	1252.	286.	-11.2	0.47	1.00	0.20	1.30	237.	9.1	286.1	5.5

```
 05 01 01   1 14   65.0  0.293  1.329  0.009 1266.  364.    -33.8  0.47
1.00   0.22    1.80  266.    9.1  285.9    5.5
 05 01 01   1 15   28.3  0.274  1.009  0.009 1272.  330.    -63.7  0.47
1.00   0.25    1.80  262.    9.1  285.6    5.5
 05 01 01   1 16    2.8  0.248  0.466  0.009 1273.  285.   -483.7  0.47
1.00   0.34    1.80  266.    9.1  285.0    5.5
 05 01 01   1 17   -4.7  0.088 -9.000 -9.000 -999.   84.     12.7  0.47
1.00   0.61    1.30  280.    9.1  284.4    5.5
 05 01 01   1 18   -2.8  0.061 -9.000 -9.000 -999.   35.      7.0  0.47
1.00   1.00    0.90  261.    9.1  283.9    5.5
 05 01 01   1 19   -0.6  0.027 -9.000 -9.000 -999.   10.      3.1  0.47
1.00   1.00    0.40  293.    9.1  283.1    5.5
 05 01 01   1 20   -0.2  0.019 -9.000 -9.000 -999.    6.      2.6  0.47
1.00   1.00    0.28  313.    9.1  282.4    5.5
 05 01 01   1 21   -0.2  0.019 -9.000 -9.000 -999.    6.      2.6  0.47
1.00   1.00    0.28  325.    9.1  281.5    5.5
 05 01 01   1 22   -0.2  0.019 -9.000 -9.000 -999.    6.      3.0  0.47
1.00   1.00    0.28  323.    9.1  280.0    5.5
 05 01 01   1 23   -0.2  0.019 -9.000 -9.000 -999.    6.      3.0  0.47
1.00   1.00    0.28  351.    9.1  279.4    5.5
 05 01 01   1 24   -0.4  0.027 -9.000 -9.000 -999.   10.      4.2  0.47
1.00   1.00    0.40   50.    9.1  279.0    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 05 01 01 01    5.5 0 -999.  -99.00   277.4   99.0  -99.00  -99.00
 05 01 01 01    9.1 1   61.    0.40  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
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**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0031214 , L0031215 , L0031216 , L0031217 , L0031218 , L0031219 , L0031220 , L0031221 , L0031222 , L0031223 , L0031224 , L0031225 , L0031226 , L0031227 , L0031228 , L0031229 , L0031230 , L0031231 , L0031232 , L0031233 , L0031234 , L0031235 , L0031236 , L0031237 , L0031238 , L0031239 , L0031240 , L0031241 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
444781.98	3769929.39	0.18172	444818.37	3769929.39	0.17800
444854.76	3769929.39	0.17451	444891.15	3769929.39	0.17121
444927.54	3769929.39	0.16806	444963.93	3769929.39	0.16503
445000.32	3769929.39	0.16209	445036.71	3769929.39	0.15923
445073.10	3769929.39	0.15644	445109.49	3769929.39	0.15370
445145.88	3769929.39	0.15098	445182.27	3769929.39	0.14828
444781.98	3769940.96	0.17523	444818.37	3769940.96	0.17167
444854.76	3769940.96	0.16834	444891.15	3769940.96	0.16518
444927.54	3769940.96	0.16218	444963.93	3769940.96	0.15928
445000.32	3769940.96	0.15647	445036.71	3769940.96	0.15374
445073.10	3769940.96	0.15108	445109.49	3769940.96	0.14846
445145.88	3769940.96	0.14587	445182.27	3769940.96	0.14330

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         444781.98    3769952.53        0.16922
444818.37    3769952.53        0.16580
         444854.76    3769952.53        0.16261
444891.15    3769952.53        0.15959
         444927.54    3769952.53        0.15671
444963.93    3769952.53        0.15394
         445000.32    3769952.53        0.15125
445036.71    3769952.53        0.14864
         445073.10    3769952.53        0.14609
445109.49    3769952.53        0.14359
         445145.88    3769952.53        0.14112
445182.27    3769952.53        0.13866
         444781.98    3769964.10        0.16362
444818.37    3769964.10        0.16035
         444854.76    3769964.10        0.15728
444891.15    3769964.10        0.15438
         444927.54    3769964.10        0.15162
444963.93    3769964.10        0.14896
         445000.32    3769964.10        0.14639
445036.71    3769964.10        0.14389
         445073.10    3769964.10        0.14145
445109.49    3769964.10        0.13905
         445145.88    3769964.10        0.13668
445182.27    3769964.10        0.13432
         445218.66    3769964.10        0.13195
444781.98    3769975.67        0.15840
         444818.37    3769975.67        0.15525
444854.76    3769975.67        0.15230
         444891.15    3769975.67        0.14952
444927.54    3769975.67        0.14687
         444963.93    3769975.67        0.14432
445000.32    3769975.67        0.14185
         445036.71    3769975.67        0.13944
445073.10    3769975.67        0.13710
         445109.49    3769975.67        0.13480
445145.88    3769975.67        0.13253
         445182.27    3769975.67        0.13027
445218.66    3769975.67        0.12799
         444781.98    3769987.24        0.15352
444818.37    3769987.24        0.15049
         444854.76    3769987.24        0.14765
444891.15    3769987.24        0.14497
         444927.54    3769987.24        0.14242
444963.93    3769987.24        0.13997
         445000.32    3769987.24        0.13759
445036.71    3769987.24        0.13528
         445073.10    3769987.24        0.13303
445109.49    3769987.24        0.13082
         445145.88    3769987.24        0.12864
445182.27    3769987.24        0.12647
         445218.66    3769987.24        0.12427
444781.98    3769998.81        0.14894
         444818.37    3769998.81        0.14603
444854.76    3769998.81        0.14329
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444891.15 3769998.81 0.14070
444927.54 3769998.81 0.13824

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0031214 , L0031215 , L0031216 , L0031217 , L0031218 , L0031219 , L0031220 , L0031221 , L0031222 , L0031223 , L0031224 , L0031225 , L0031226 , L0031227 , L0031228 , L0031229 , L0031230 , L0031231 , L0031232 , L0031233 , L0031234 , L0031235 , L0031236 , L0031237 , L0031238 , L0031239 , L0031240 , L0031241 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
444963.93	3769998.81	0.13588	445000.32	3769998.81	0.13360
445036.71	3769998.81	0.13137	445073.10	3769998.81	0.12921
445109.49	3769998.81	0.12708	445145.88	3769998.81	0.12499
445182.27	3769998.81	0.12290	445218.66	3769998.81	0.12078
444781.98	3770010.38	0.14465	444818.37	3770010.38	0.14183
444854.76	3770010.38	0.13919	444891.15	3770010.38	0.13669
444927.54	3770010.38	0.13432	444963.93	3770010.38	0.13204
445000.32	3770010.38	0.12984	445036.71	3770010.38	0.12770
445073.10	3770010.38	0.12561	445109.49	3770010.38	0.12356
445145.88	3770010.38	0.12154	445182.27	3770010.38	0.11953
445218.66	3770010.38	0.11749	444781.98	3770021.95	0.14060
444818.37	3770021.95	0.13788	444854.76	3770021.95	0.13533

444891.15 3770021.95 0.13292
444927.54 3770021.95 0.13062
444963.93 3770021.95 0.12842
445000.32 3770021.95 0.12629
445036.71 3770021.95 0.12423
445073.10 3770021.95 0.12221
445109.49 3770021.95 0.12024
445145.88 3770021.95 0.11830
445182.27 3770021.95 0.11635
445218.66 3770021.95 0.11438
444781.98 3770033.52 0.13678
444818.37 3770033.52 0.13415
444854.76 3770033.52 0.13168
444891.15 3770033.52 0.12935
444927.54 3770033.52 0.12713
444963.93 3770033.52 0.12500
445000.32 3770033.52 0.12295
445036.71 3770033.52 0.12095
445073.10 3770033.52 0.11901
445109.49 3770033.52 0.11710
445145.88 3770033.52 0.11522
445182.27 3770033.52 0.11335
445218.66 3770033.52 0.11145
445249.38 3770033.52 0.10980
444781.98 3770045.09 0.13317
444818.37 3770045.09 0.13063
444854.76 3770045.09 0.12824
444891.15 3770045.09 0.12598
444927.54 3770045.09 0.12383
444963.93 3770045.09 0.12177
445000.32 3770045.09 0.11978
445036.71 3770045.09 0.11785
445073.10 3770045.09 0.11597
445109.49 3770045.09 0.11413
445145.88 3770045.09 0.11232
445182.27 3770045.09 0.11050
445218.66 3770045.09 0.10866
445255.05 3770045.09 0.10677
444818.37 3770056.66 0.12729
444854.76 3770056.66 0.12498
444891.15 3770056.66 0.12279
444927.54 3770056.66 0.12070
444963.93 3770056.66 0.11871
445000.32 3770056.66 0.11678
445036.71 3770056.66 0.11491
445073.10 3770056.66 0.11309
445109.49 3770056.66 0.11131
445145.88 3770056.66 0.10956
445182.27 3770056.66 0.10780
445218.66 3770056.66 0.10602
445255.05 3770056.66 0.10419
444818.37 3770068.23 0.12412
444854.76 3770068.23 0.12188
444891.15 3770068.23 0.11976

444927.54 3770068.23 0.11774
444963.93 3770068.23 0.11580

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0031214 , L0031215 , L0031216 , L0031217 , L0031218 , L0031219 , L0031220 , L0031221 , L0031222 , L0031223 , L0031224 , L0031225 , L0031226 , L0031227 , L0031228 , L0031229 , L0031230 , L0031231 , L0031232 , L0031233 , L0031234 , L0031235 , L0031236 , L0031237 , L0031238 , L0031239 , L0031240 , L0031241 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
445000.32	3770068.23	0.11393	445036.71	3770068.23	0.11212
445073.10	3770068.23	0.11036	445109.49	3770068.23	0.10864
445145.88	3770068.23	0.10694	445182.27	3770068.23	0.10523
445218.66	3770068.23	0.10351	445255.05	3770068.23	0.10173
444818.37	3770079.80	0.12111	444854.76	3770079.80	0.11894
444891.15	3770079.80	0.11688	444927.54	3770079.80	0.11491
444963.93	3770079.80	0.11304	445000.32	3770079.80	0.11123
445036.71	3770079.80	0.10947	445073.10	3770079.80	0.10776
445109.49	3770079.80	0.10609	445145.88	3770079.80	0.10444
445182.27	3770079.80	0.10279	445218.66	3770079.80	0.10112
445255.05	3770079.80	0.09940	444818.37	3770091.37	0.11825
444854.76	3770091.37	0.11614	444891.15	3770091.37	0.11413

444927.54 3770091.37 0.11223
444963.93 3770091.37 0.11041
445000.32 3770091.37 0.10865
445036.71 3770091.37 0.10695
445073.10 3770091.37 0.10529
445109.49 3770091.37 0.10367
445145.88 3770091.37 0.10207
445182.27 3770091.37 0.10046
445218.66 3770091.37 0.09884
445255.05 3770091.37 0.09717
444818.37 3770102.94 0.11552
444854.76 3770102.94 0.11347
444891.15 3770102.94 0.11152
444927.54 3770102.94 0.10967
444963.93 3770102.94 0.10790
445000.32 3770102.94 0.10619
445036.71 3770102.94 0.10454
445073.10 3770102.94 0.10293
445109.49 3770102.94 0.10136
445145.88 3770102.94 0.09980
445182.27 3770102.94 0.09824
445218.66 3770102.94 0.09666
445255.05 3770102.94 0.09504
444818.37 3770114.51 0.11292
444854.76 3770114.51 0.11092
444891.15 3770114.51 0.10903
444927.54 3770114.51 0.10723
444963.93 3770114.51 0.10550
445000.32 3770112.15 0.10432
445036.71 3770112.15 0.10270
445073.10 3770111.76 0.10120
445109.49 3770111.28 0.09975
445145.88 3770110.81 0.09831
445182.73 3770110.35 0.09685
445217.74 3770109.89 0.09544
445271.22 3770102.96 0.09430

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0031214 , L0031215 , L0031216 , L0031217 , L0031218 ,
L0031219 , L0031220 , L0031221 , L0031222 , L0031223 , L0031224 , L0031225 , L0031226 ,
L0031227 , L0031228 , L0031229 , L0031230 , L0031231 , L0031232 , L0031233 , L0031234 ,
L0031235 , L0031236 , L0031237 , L0031238 , L0031239 , L0031240 , L0031241 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
444781.98	3769929.39	1.06155	(09093001)	444818.37	3769929.39	1.04600	(09093001)
444854.76	3769929.39	1.02781	(09093001)	444891.15	3769929.39	1.01493	(09112617)
444927.54	3769929.39	0.99936	(09112617)	444963.93	3769929.39	0.97789	(09112617)
445000.32	3769929.39	0.95070	(07082905)	445036.71	3769929.39	0.92302	(09101421)
445073.10	3769929.39	0.88910	(09091404)	445109.49	3769929.39	0.85034	(09091104)
445145.88	3769929.39	0.83586	(09122116)	445182.27	3769929.39	0.83282	(09122116)
444781.98	3769940.96	1.03183	(09093001)	444818.37	3769940.96	1.01493	(09093001)
444854.76	3769940.96	0.99972	(09112617)	444891.15	3769940.96	0.98598	(09112617)
444927.54	3769940.96	0.96809	(09112617)	444963.93	3769940.96	0.94408	(09112617)
445000.32	3769940.96	0.91619	(09101421)	445036.71	3769940.96	0.88881	(09101421)
445073.10	3769940.96	0.85457	(09091104)	445109.49	3769940.96	0.81507	(09091104)
445145.88	3769940.96	0.80033	(09122116)	445182.27	3769940.96	0.79710	(09122116)

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        444781.98   3769952.53        1.00293  (09093001)
444818.37   3769952.53        0.98572  (09112617)
        444854.76   3769952.53        0.97290  (09112617)
444891.15   3769952.53        0.95750  (09112617)
        444927.54   3769952.53        0.93725  (09112617)
444963.93   3769952.53        0.91203  (07082905)
        445000.32   3769952.53        0.88534  (09101421)
445036.71   3769952.53        0.85564  (09101421)
        445073.10   3769952.53        0.82147  (09091104)
445109.49   3769952.53        0.78192  (09091104)
        445145.88   3769952.53        0.76423  (09122116)
445182.27   3769952.53        0.76104  (09122116)
        444781.98   3769964.10        0.97461  (09093001)
444818.37   3769964.10        0.96051  (09112617)
        444854.76   3769964.10        0.94667  (09112617)
444891.15   3769964.10        0.92932  (09112617)
        444927.54   3769964.10        0.90698  (09112617)
444963.93   3769964.10        0.88094  (07082905)
        445000.32   3769964.10        0.85497  (09101421)
445036.71   3769964.10        0.82392  (09091404)
        445073.10   3769964.10        0.78985  (09091104)
445109.49   3769964.10        0.75171  (07031118)
        445145.88   3769964.10        0.72878  (09122116)
445182.27   3769964.10        0.72552  (09122116)
        445218.66   3769964.10        0.72283  (09122116)
444781.98   3769975.67        0.94911  (09112617)
        444818.37   3769975.67        0.93606  (09112617)
444854.76   3769975.67        0.92078  (09112617)
        444891.15   3769975.67        0.90148  (09112617)
444927.54   3769975.67        0.87767  (07082905)
        444963.93   3769975.67        0.85139  (09101421)
445000.32   3769975.67        0.82532  (09101421)
        445036.71   3769975.67        0.79424  (09091104)
445073.10   3769975.67        0.75983  (09091104)
        445109.49   3769975.67        0.72705  (07031118)
445145.88   3769975.67        0.69409  (07031118)
        445182.27   3769975.67        0.69043  (09122116)
445218.66   3769975.67        0.68780  (09122116)
        444781.98   3769987.24        0.92601  (09112617)
444818.37   3769987.24        0.91204  (09112617)
        444854.76   3769987.24        0.89512  (09112617)
444891.15   3769987.24        0.87409  (09112617)
        444927.54   3769987.24        0.84959  (07082905)
444963.93   3769987.24        0.82415  (09101421)
        445000.32   3769987.24        0.79660  (09101421)
445036.71   3769987.24        0.76580  (09091104)
        445073.10   3769987.24        0.73142  (09091104)
445109.49   3769987.24        0.70267  (07031118)
        445145.88   3769987.24        0.66826  (07031118)
445182.27   3769987.24        0.65641  (09122116)
        445218.66   3769987.24        0.65362  (09122116)
444781.98   3769998.81        0.90348  (09112617)
        444818.37   3769998.81        0.88827  (09112617)
444854.76   3769998.81        0.86973  (09112617)
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444891.15 3769998.81 0.84728 (09112617)
444927.54 3769998.81 0.82228 (07082905)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0031214 , L0031215 , L0031216 , L0031217 , L0031218 ,
L0031219 , L0031220 , L0031221 , L0031222 , L0031223 , L0031224 , L0031225 , L0031226 ,
L0031227 , L0031228 , L0031229 , L0031230 , L0031231 , L0031232 , L0031233 , L0031234 ,
L0031235 , L0031236 , L0031237 , L0031238 , L0031239 , L0031240 , L0031241 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
444963.93	3769998.81	0.79742	(09101421)	445000.32	3769998.81	0.76896	(09101421)
445036.71	3769998.81	0.73853	(09091104)	445073.10	3769998.81	0.70460	(09091104)
445109.49	3769998.81	0.67882	(07031118)	445145.88	3769998.81	0.64374	(07031118)
445182.27	3769998.81	0.62339	(09122116)	445218.66	3769998.81	0.62019	(09122116)
444781.98	3770010.38	0.88126	(09112617)	444818.37	3770010.38	0.86467	(09112617)
444854.76	3770010.38	0.84468	(09112617)	444891.15	3770010.38	0.82129	(07082905)
444927.54	3770010.38	0.79597	(09101421)	444963.93	3770010.38	0.77138	(09101421)
445000.32	3770010.38	0.74293	(09091104)	445036.71	3770010.38	0.71252	(09091104)
445073.10	3770010.38	0.68277	(07031118)	445109.49	3770010.38	0.65568	(07031118)
445145.88	3770010.38	0.62056	(07031118)	445182.27	3770010.38	0.59300	(09121617)
445218.66	3770010.38	0.58782	(09122116)	444781.98	3770021.95	0.85922	(09112617)
444818.37	3770021.95	0.84127	(09112617)	444854.76	3770021.95	0.82009	(09112617)

444891.15 3770021.95 0.79627 (07082905)
444927.54 3770021.95 0.77168 (09101421)
444963.93 3770021.95 0.74615 (09101421)
445000.32 3770021.95 0.71809 (09091104)
445036.71 3770021.95 0.68778 (09091104)
445073.10 3770021.95 0.66195 (07031118)
445109.49 3770021.95 0.63341 (07031118)
445145.88 3770021.95 0.60106 (09072905)
445182.27 3770021.95 0.57573 (09121617)
445218.66 3770021.95 0.55625 (09122116)
444781.98 3770033.52 0.83731 (09112617)
444818.37 3770033.52 0.81816 (09112617)
444854.76 3770033.52 0.79608 (09112617)
444891.15 3770033.52 0.77196 (07082905)
444927.54 3770033.52 0.74790 (09101421)
444963.93 3770033.52 0.72184 (09101421)
445000.32 3770033.52 0.69422 (09091104)
445036.71 3770033.52 0.66430 (09091104)
445073.10 3770033.52 0.64147 (07031118)
445109.49 3770033.52 0.61208 (07031118)
445145.88 3770033.52 0.58261 (09072905)
445182.27 3770033.52 0.55873 (09121617)
445218.66 3770033.52 0.53835 (09072324)
445249.38 3770033.52 0.52140 (09102418)
444781.98 3770045.09 0.81556 (09112617)
444818.37 3770045.09 0.79541 (09112617)
444854.76 3770045.09 0.77271 (09112617)
444891.15 3770045.09 0.74842 (07082905)
444927.54 3770045.09 0.72474 (09101421)
444963.93 3770045.09 0.69853 (09091104)
445000.32 3770045.09 0.67136 (09091104)
445036.71 3770045.09 0.64413 (07031118)
445073.10 3770045.09 0.62146 (07031118)
445109.49 3770045.09 0.59173 (07031118)
445145.88 3770045.09 0.56464 (09072905)
445182.27 3770045.09 0.54287 (09091423)
445218.66 3770045.09 0.52537 (09102418)
445255.05 3770045.09 0.50511 (09091920)
444818.37 3770056.66 0.77311 (09112617)
444854.76 3770056.66 0.75005 (09112617)
444891.15 3770056.66 0.72598 (09101421)
444927.54 3770056.66 0.70231 (09101421)
444963.93 3770056.66 0.67657 (09091104)
445000.32 3770056.66 0.64953 (09091104)
445036.71 3770056.66 0.62610 (07031118)
445073.10 3770056.66 0.60205 (07031118)
445109.49 3770056.66 0.57236 (07031118)
445145.88 3770056.66 0.54882 (09121617)
445182.27 3770056.66 0.52819 (09091423)
445218.66 3770056.66 0.51259 (09102418)
445255.05 3770056.66 0.49391 (09091920)
444818.37 3770068.23 0.75135 (09112617)
444854.76 3770068.23 0.72815 (09112617)
444891.15 3770068.23 0.70461 (09101421)

444927.54 3770068.23 0.68066 (09101421)
444963.93 3770068.23 0.65541 (09091104)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0031214 , L0031215 , L0031216 , L0031217 , L0031218 ,
L0031219 , L0031220 , L0031221 , L0031222 , L0031223 , L0031224 , L0031225 , L0031226 ,
L0031227 , L0031228 , L0031229 , L0031230 , L0031231 , L0031232 , L0031233 , L0031234 ,
L0031235 , L0031236 , L0031237 , L0031238 , L0031239 , L0031240 , L0031241 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
445000.32	3770068.23	0.62871	(09091104)	445036.71	3770068.23	0.60827	(07031118)
445073.10	3770068.23	0.58332	(07031118)	445109.49	3770068.23	0.55622	(09072905)
445145.88	3770068.23	0.53477	(09121617)	445182.27	3770068.23	0.51436	(09072324)
445218.66	3770068.23	0.49995	(09102418)	445255.05	3770068.23	0.48286	(09091920)
444818.37	3770079.80	0.73018	(09112617)	444854.76	3770079.80	0.70701	(09112617)
444891.15	3770079.80	0.68382	(09101421)	444927.54	3770079.80	0.65982	(09101421)
444963.93	3770079.80	0.63508	(09091104)	445000.32	3770079.80	0.61007	(07031118)
445036.71	3770079.80	0.59077	(07031118)	445073.10	3770079.80	0.56533	(07031118)
445109.49	3770079.80	0.54081	(09072905)	445145.88	3770079.80	0.52085	(09121617)
445182.27	3770079.80	0.50258	(09072324)	445218.66	3770079.80	0.48750	(09102418)
445255.05	3770079.80	0.47197	(09091920)	444818.37	3770091.37	0.70964	(09112617)
444854.76	3770091.37	0.68665	(09112617)	444891.15	3770091.37	0.66366	(09101421)

444927.54 3770091.37 0.63994 (09091104)
444963.93 3770091.37 0.61559 (09091104)
445000.32 3770091.37 0.59424 (07031118)
445036.71 3770091.37 0.57369 (07031118)
445073.10 3770091.37 0.54808 (07031118)
445109.49 3770091.37 0.52573 (09072905)
445145.88 3770091.37 0.50713 (09121617)
445182.27 3770091.37 0.49086 (09072324)
445218.66 3770091.37 0.47530 (09102418)
445255.05 3770091.37 0.46127 (09091920)
444818.37 3770102.94 0.68975 (09112617)
444854.76 3770102.94 0.66706 (09112617)
444891.15 3770102.94 0.64418 (09101421)
444927.54 3770102.94 0.62098 (09091104)
444963.93 3770102.94 0.59767 (09112617)
445000.32 3770102.94 0.57854 (07031118)
445036.71 3770102.94 0.55712 (07031118)
445073.10 3770102.94 0.53168 (09112617)
445109.49 3770102.94 0.51160 (06010418)
445145.88 3770102.94 0.49434 (09091423)
445182.27 3770102.94 0.47953 (09102418)
445218.66 3770102.94 0.46359 (09071906)
445255.05 3770102.94 0.45078 (09091920)
444818.37 3770114.51 0.67052 (09112617)
444854.76 3770114.51 0.64822 (09112617)
444891.15 3770114.51 0.62566 (09112617)
444927.54 3770114.51 0.60314 (09112617)
444963.93 3770114.51 0.58090 (09112617)
445000.32 3770112.15 0.56621 (07031118)
445036.71 3770112.15 0.54431 (07031118)
445073.10 3770111.76 0.52132 (09072905)
445109.49 3770111.28 0.50276 (09121617)
445145.88 3770110.81 0.48624 (09091423)
445182.73 3770110.35 0.47296 (09102418)
445217.74 3770109.89 0.45768 (09072605)
445271.22 3770102.96 0.44482 (09092420)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0031214 , L0031215 , L0031216 , L0031217 , L0031218 , L0031219 , L0031220 , L0031221 , L0031222 , L0031223 , L0031224 , L0031225 , L0031226 , L0031227 , L0031228 , L0031229 , L0031230 , L0031231 , L0031232 , L0031233 , L0031234 , L0031235 , L0031236 , L0031237 , L0031238 , L0031239 , L0031240 , L0031241 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
444781.98	3769929.39	0.63600	(06101008)	444818.37	3769929.39	0.62768	(06101008)
444854.76	3769929.39	0.61994	(06101008)	444891.15	3769929.39	0.61257	(06101008)
444927.54	3769929.39	0.60558	(06101008)	444963.93	3769929.39	0.59939	(07010424)
445000.32	3769929.39	0.59398	(07010424)	445036.71	3769929.39	0.58912	(07010424)
445073.10	3769929.39	0.58492	(07010424)	445109.49	3769929.39	0.58115	(07010424)
445145.88	3769929.39	0.57779	(07010424)	445182.27	3769929.39	0.57487	(07010424)
444781.98	3769940.96	0.61746	(06101008)	444818.37	3769940.96	0.60953	(06101008)
444854.76	3769940.96	0.60214	(06101008)	444891.15	3769940.96	0.59509	(06101008)
444927.54	3769940.96	0.58827	(06101008)	444963.93	3769940.96	0.58267	(07010424)
445000.32	3769940.96	0.57753	(07010424)	445036.71	3769940.96	0.57290	(07010424)
445073.10	3769940.96	0.56888	(07010424)	445109.49	3769940.96	0.56532	(07010424)
445145.88	3769940.96	0.56214	(07010424)	445182.27	3769940.96	0.55936	(07010424)

444781.98 3769952.53 0.60009 (06101008)
444818.37 3769952.53 0.59253 (06101008)
444854.76 3769952.53 0.58544 (06101008)
444891.15 3769952.53 0.57862 (06101008)
444927.54 3769952.53 0.57219 (07010424)
444963.93 3769952.53 0.56696 (07010424)
445000.32 3769952.53 0.56206 (07010424)
445036.71 3769952.53 0.55765 (07010424)
445073.10 3769952.53 0.55382 (07010424)
445109.49 3769952.53 0.55044 (07010424)
445145.88 3769952.53 0.54740 (07010424)
445182.27 3769952.53 0.54475 (07010424)
444781.98 3769964.10 0.58375 (06101008)
444818.37 3769964.10 0.57650 (06101008)
444854.76 3769964.10 0.56966 (06101008)
444891.15 3769964.10 0.56299 (06101008)
444927.54 3769964.10 0.55719 (07010424)
444963.93 3769964.10 0.55219 (07010424)
445000.32 3769964.10 0.54752 (07010424)
445036.71 3769964.10 0.54330 (07010424)
445073.10 3769964.10 0.53962 (07010424)
445109.49 3769964.10 0.53639 (07010424)
445145.88 3769964.10 0.53351 (07010424)
445182.27 3769964.10 0.53097 (07010424)
445218.66 3769964.10 0.52859 (07010424)
444781.98 3769975.67 0.56835 (06101008)
444818.37 3769975.67 0.56138 (06101008)
444854.76 3769975.67 0.55474 (06101008)
444891.15 3769975.67 0.54816 (07010424)
444927.54 3769975.67 0.54305 (07010424)
444963.93 3769975.67 0.53825 (07010424)
445000.32 3769975.67 0.53378 (07010424)
445036.71 3769975.67 0.52975 (07010424)
445073.10 3769975.67 0.52622 (07010424)
445109.49 3769975.67 0.52312 (07010424)
445145.88 3769975.67 0.52037 (07010424)
445182.27 3769975.67 0.51794 (07010424)
445218.66 3769975.67 0.51542 (07010424)
444781.98 3769987.24 0.55379 (06101008)
444818.37 3769987.24 0.54706 (06101008)
444854.76 3769987.24 0.54055 (06101008)
444891.15 3769987.24 0.53458 (07010424)
444927.54 3769987.24 0.52968 (07010424)
444963.93 3769987.24 0.52508 (07010424)
445000.32 3769987.24 0.52081 (07010424)
445036.71 3769987.24 0.51696 (07010424)
445073.10 3769987.24 0.51353 (07010424)
445109.49 3769987.24 0.51055 (07010424)
445145.88 3769987.24 0.50792 (07010424)
445182.27 3769987.24 0.50560 (07010424)
445218.66 3769987.24 0.50282 (07010424)
444781.98 3769998.81 0.53999 (06101008)
444818.37 3769998.81 0.53344 (06101008)
444854.76 3769998.81 0.52700 (06101008)

444891.15 3769998.81 0.52174 (07010424)
444927.54 3769998.81 0.51703 (07010424)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0031214 , L0031215 , L0031216 , L0031217 , L0031218 , L0031219 , L0031220 , L0031221 , L0031222 , L0031223 , L0031224 , L0031225 , L0031226 , L0031227 , L0031228 , L0031229 , L0031230 , L0031231 , L0031232 , L0031233 , L0031234 , L0031235 , L0031236 , L0031237 , L0031238 , L0031239 , L0031240 , L0031241 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
444963.93	3769998.81	0.51260	(07010424)	445000.32	3769998.81	0.50851	(07010424)
445036.71	3769998.81	0.50480	(07010424)	445073.10	3769998.81	0.50151	(07010424)
445109.49	3769998.81	0.49866	(07010424)	445145.88	3769998.81	0.49614	(07010424)
445182.27	3769998.81	0.49389	(07010424)	445218.66	3769998.81	0.49068	(07010424)
444781.98	3770010.38	0.52688	(06101008)	444818.37	3770010.38	0.52045	(06101008)
444854.76	3770010.38	0.51446	(07010424)	444891.15	3770010.38	0.50956	(07010424)
444927.54	3770010.38	0.50502	(07010424)	444963.93	3770010.38	0.50075	(07010424)
445000.32	3770010.38	0.49684	(07010424)	445036.71	3770010.38	0.49328	(07010424)
445073.10	3770010.38	0.49011	(07010424)	445109.49	3770010.38	0.48735	(07010424)
445145.88	3770010.38	0.48494	(07010424)	445182.27	3770010.38	0.48272	(07010424)
445218.66	3770010.38	0.47896	(07010424)	444781.98	3770021.95	0.51436	(06101008)
444818.37	3770021.95	0.50800	(06101008)	444854.76	3770021.95	0.50272	(07010424)

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        444891.15   3770021.95        0.49799  (07010424)
444927.54   3770021.95        0.49360  (07010424)
        444963.93   3770021.95        0.48950  (07010424)
445000.32   3770021.95        0.48574  (07010424)
        445036.71   3770021.95        0.48232  (07010424)
445073.10   3770021.95        0.47926  (07010424)
        445109.49   3770021.95        0.47661  (07010424)
445145.88   3770021.95        0.47428  (07010424)
        445182.27   3770021.95        0.47203  (07010424)
445218.66   3770021.95        0.46760  (07010424)
        444781.98   3770033.52        0.50237  (06101008)
444818.37   3770033.52        0.49665  (07010424)
        444854.76   3770033.52        0.49158  (07010424)
444891.15   3770033.52        0.48700  (07010424)
        444927.54   3770033.52        0.48276  (07010424)
444963.93   3770033.52        0.47880  (07010424)
        445000.32   3770033.52        0.47518  (07010424)
445036.71   3770033.52        0.47189  (07010424)
        445073.10   3770033.52        0.46895  (07010424)
445109.49   3770033.52        0.46637  (07010424)
        445145.88   3770033.52        0.46413  (07010424)
445182.27   3770033.52        0.46177  (07010424)
        445218.66   3770033.52        0.45659  (07010424)
445249.38   3770033.52        0.44735  (07010424)
        444781.98   3770045.09        0.49130  (07010424)
444818.37   3770045.09        0.48586  (07010424)
        444854.76   3770045.09        0.48095  (07010424)
444891.15   3770045.09        0.47652  (07010424)
        444927.54   3770045.09        0.47242  (07010424)
444963.93   3770045.09        0.46862  (07010424)
        445000.32   3770045.09        0.46513  (07010424)
445036.71   3770045.09        0.46195  (07010424)
        445073.10   3770045.09        0.45910  (07010424)
445109.49   3770045.09        0.45661  (07010424)
        445145.88   3770045.09        0.45442  (07010424)
445182.27   3770045.09        0.45189  (07010424)
        445218.66   3770045.09        0.44592  (07010424)
445255.05   3770045.09        0.43427  (07010424)
        444818.37   3770056.66        0.47558  (07010424)
444854.76   3770056.66        0.47083  (07010424)
        444891.15   3770056.66        0.46653  (07010424)
444927.54   3770056.66        0.46255  (07010424)
        444963.93   3770056.66        0.45888  (07010424)
445000.32   3770056.66        0.45551  (07010424)
        445036.71   3770056.66        0.45244  (07010424)
445073.10   3770056.66        0.44971  (07010424)
        445109.49   3770056.66        0.44729  (07010424)
445145.88   3770056.66        0.44515  (07010424)
        445182.27   3770056.66        0.44234  (07010424)
445218.66   3770056.66        0.43561  (07010424)
        445255.05   3770056.66        0.42381  (07010424)
444818.37   3770068.23        0.46577  (07010424)
        444854.76   3770068.23        0.46118  (07010424)
444891.15   3770068.23        0.45699  (07010424)
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444927.54 3770068.23 0.45312 (07010424)
444963.93 3770068.23 0.44958 (07010424)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0031214 , L0031215 , L0031216 , L0031217 , L0031218 , L0031219 , L0031220 , L0031221 , L0031222 , L0031223 , L0031224 , L0031225 , L0031226 , L0031227 , L0031228 , L0031229 , L0031230 , L0031231 , L0031232 , L0031233 , L0031234 , L0031235 , L0031236 , L0031237 , L0031238 , L0031239 , L0031240 , L0031241 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
445000.32	3770068.23	0.44633	(07010424)	445036.71	3770068.23	0.44337	(07010424)
445073.10	3770068.23	0.44072	(07010424)	445109.49	3770068.23	0.43839	(07010424)
445145.88	3770068.23	0.43625	(07010424)	445182.27	3770068.23	0.43307	(07010424)
445218.66	3770068.23	0.42566	(07010424)	445255.05	3770068.23	0.41383	(07010424)
444818.37	3770079.80	0.45638	(07010424)	444854.76	3770079.80	0.45193	(07010424)
444891.15	3770079.80	0.44787	(07010424)	444927.54	3770079.80	0.44412	(07010424)
444963.93	3770079.80	0.44069	(07010424)	445000.32	3770079.80	0.43755	(07010424)
445036.71	3770079.80	0.43467	(07010424)	445073.10	3770079.80	0.43211	(07010424)
445109.49	3770079.80	0.42985	(07010424)	445145.88	3770079.80	0.42768	(07010424)
445182.27	3770079.80	0.42406	(07010424)	445218.66	3770079.80	0.41607	(07010424)
445255.05	3770079.80	0.40431	(07010424)	444818.37	3770091.37	0.44741	(07010424)
444854.76	3770091.37	0.44310	(07010424)	444891.15	3770091.37	0.43914	(07010424)

444927.54 3770091.37 0.43551 (07010424)
444963.93 3770091.37 0.43218 (07010424)
445000.32 3770091.37 0.42914 (07010424)
445036.71 3770091.37 0.42636 (07010424)
445073.10 3770091.37 0.42389 (07010424)
445109.49 3770091.37 0.42168 (07010424)
445145.88 3770091.37 0.41942 (07010424)
445182.27 3770091.37 0.41528 (07010424)
445218.66 3770091.37 0.40683 (07010424)
445255.05 3770091.37 0.39522 (07010424)
444818.37 3770102.94 0.43881 (07010424)
444854.76 3770102.94 0.43461 (07010424)
444891.15 3770102.94 0.43077 (07010424)
444927.54 3770102.94 0.42724 (07010424)
444963.93 3770102.94 0.42402 (07010424)
445000.32 3770102.94 0.42107 (07010424)
445036.71 3770102.94 0.41837 (07010424)
445073.10 3770102.94 0.41597 (07010424)
445109.49 3770102.94 0.41383 (07010424)
445145.88 3770102.94 0.41143 (07010424)
445182.27 3770102.94 0.40675 (07010424)
445218.66 3770102.94 0.39795 (07010424)
445255.05 3770102.94 0.38654 (07010424)
444818.37 3770114.51 0.43055 (07010424)
444854.76 3770114.51 0.42648 (07010424)
444891.15 3770114.51 0.42274 (07010424)
444927.54 3770114.51 0.41931 (07010424)
444963.93 3770114.51 0.41618 (07010424)
445000.32 3770112.15 0.41487 (07010424)
445036.71 3770112.15 0.41225 (07010424)
445073.10 3770111.76 0.41016 (07010424)
445109.49 3770111.28 0.40836 (07010424)
445145.88 3770110.81 0.40614 (07010424)
445182.73 3770110.35 0.40132 (07010424)
445217.74 3770109.89 0.39304 (07010424)
445271.22 3770102.96 0.38119 (07010424)

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

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

NETWORK GROUP ID	AVERAGE CONC				RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	0.18172	AT	(444781.98, 3769929.39, 270.00, 270.00, 0.00)	DC		
	2ND HIGHEST VALUE IS	0.17800	AT	(444818.37, 3769929.39, 270.00, 270.00, 0.00)	DC		
	3RD HIGHEST VALUE IS	0.17523	AT	(444781.98, 3769940.96, 270.00, 270.00, 0.00)	DC		
	4TH HIGHEST VALUE IS	0.17451	AT	(444854.76, 3769929.39, 270.00, 270.00, 0.00)	DC		
	5TH HIGHEST VALUE IS	0.17167	AT	(444818.37, 3769940.96, 270.00, 270.00, 0.00)	DC		
	6TH HIGHEST VALUE IS	0.17121	AT	(444891.15, 3769929.39, 270.00, 270.00, 0.00)	DC		
	7TH HIGHEST VALUE IS	0.16922	AT	(444781.98, 3769952.53, 270.00, 270.00, 0.00)	DC		
	8TH HIGHEST VALUE IS	0.16834	AT	(444854.76, 3769940.96, 270.00, 270.00, 0.00)	DC		
	9TH HIGHEST VALUE IS	0.16806	AT	(444927.54, 3769929.39, 270.00, 270.00, 0.00)	DC		
	10TH HIGHEST VALUE IS	0.16580	AT	(444818.37, 3769952.53, 270.00, 270.00, 0.00)	DC		

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

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

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

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

NETWORK GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	1.06155	ON 09093001: AT (444781.98, 3769929.39, 270.00, 270.00, 0.00)	DC	

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

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

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

NETWORK GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.63600	ON 06101008: AT (444781.98, 3769929.39, 270.00, 270.00, 0.00)	DC	

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

**MODELOPTs: NonDFAULT CONC FLAT FASTALL

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 845 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 0 Calm Hours Identified

A Total of 845 Missing Hours Identified (1.93 Percent)

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

******** WARNING MESSAGES ********
ME W396 1537 MEOPEN: Met data from outdated version of AERMET, version: 12345
ME W531 1537 MEOPEN: CAUTION! Met Station ID Missing from SURFFILE for SURFDATA

****
*** AERMOD Finishes Successfully ***
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APPENDIX 3.4:

AERMOD MODEL INPUT/OUTPUT FILES
(ELECTRONIC FORMAT, AVAILABLE ON REQUEST)