ALBERT A. WEBB ASSOCIATES

HEALTH RISK ASSESSMENT

First Industrial Logistics at Harley Knox and Indian (DPR No. 22-00016 and TPM 38684)

Prepared for:

First Industrial Realty Trust

December 2024

DIESEL PARTICULATE MATTER

HEALTH RISK ASSESSMENT

First Industrial Logistics at Harley Knox and Indian
(DPR 22-00016 and TPM 38684)
City of Perris

Prepared for:

First Industrial Realty Trust, Inc.

Prepared by:

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Section 1 – Introduction

Purpose and Methods of Analysis

Health risk assessments are commonly used to estimate the health risks to the surrounding community from projects that significantly increase the number of diesel vehicles and hence increase the amount of diesel particulate matter (DPM) in the area. The proposed Project includes one, single non-refrigerated warehouse building, which will result in an increase in the number of diesel trucks in the Project vicinity.

The intent of this report is to support the California Environmental Quality Act (CEQA) document being prepared by the City of Perris for the Project. The analysis examines the diesel exhaust emissions from Project-generated traffic in the Project vicinity from diesel trucks traveling along local roads.

The dispersion and concentration of DPM was modeled using AERMOD. The roadways were modeled as line sources represented by adjacent volume sources. Emission factors were obtained using EMFAC2021. The estimation of health risks (both cancer and non-cancer) from DPM was performed following the guidelines established by the South Coast Air Quality Management District (SCAQMD) for health risk assessments from known DPM. The methods and assumptions used in this analysis are explained in greater detail in Section 3.

Project Description

The Project site is located on approximately 25.10 acres at the northwest corner of Harley Knox Boulevard and Indian Avenue, in the City of Perris, California. (**Figure 1 – Vicinity Map**) The Project applicant proposes development of a non-refrigerated warehouse building, approximately 549,786 square feet in size. The warehouse building will feature a total of approximately 94 dock doors on the northern side of the building. (**Figure 2 – Site Plan**)

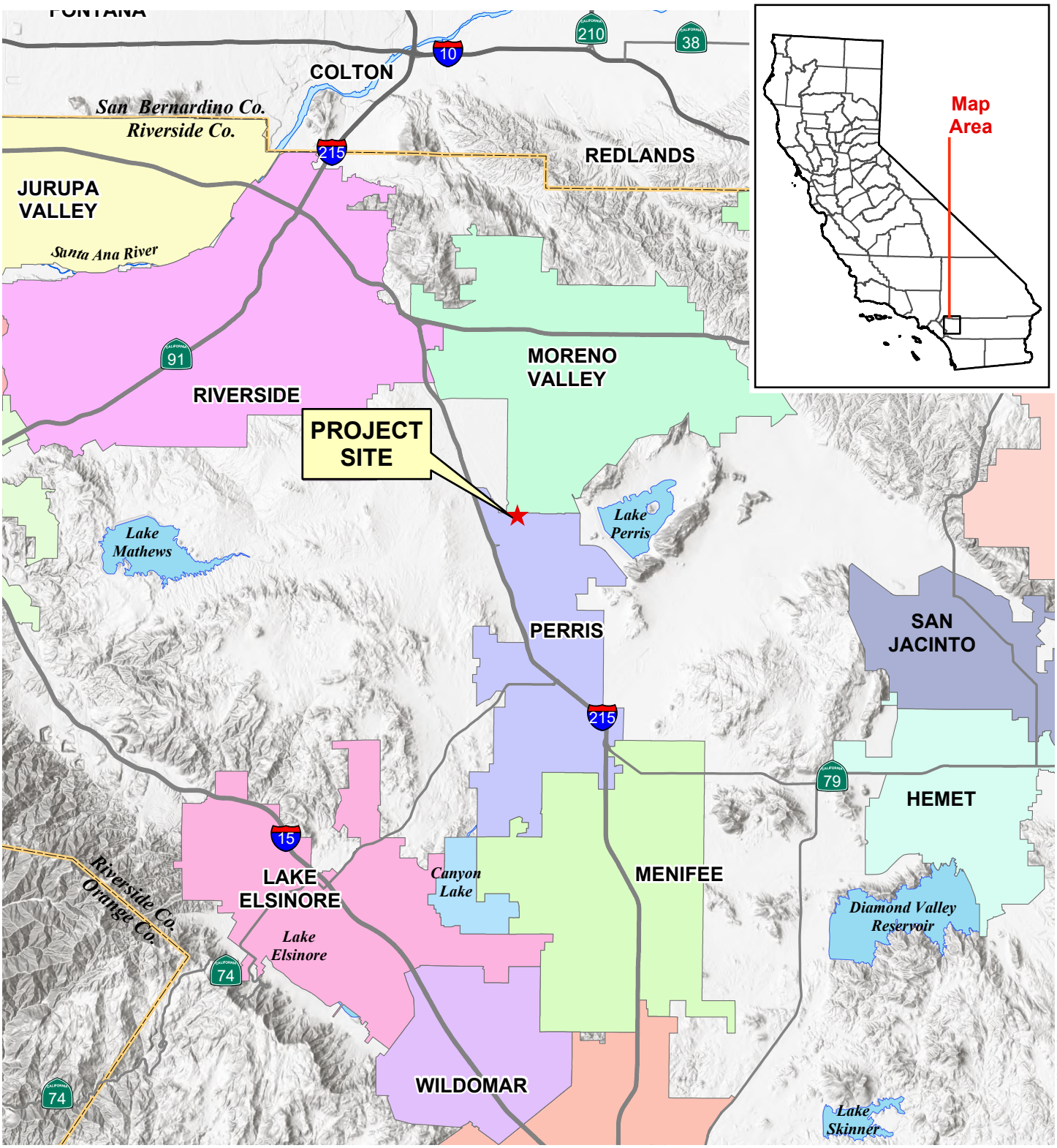
This Health Risk Assessment (HRA) evaluates the potential health risk impacts resulting from the Project's sources of DPM. According to the *First Industrial Logistics at Harley Knox and Indian, Traffic Study,* (WEBB 2024), the Project is expected to generate a total of approximately 120 truck trips per day. The Project includes a diesel-powered fire flow pump to be used for fire flow demands. The fire flow pump will only be used during fire emergencies and routine testing. Because the fire pump would only be used during fire emergencies and testing conditions, it would not be part of the Project's normal daily operations. As such DPM from the fire pump was not evaluated herein. Nonetheless, the Project applicant will be required to obtain a permit from SCAQMD prior to installation which minimizes emissions.

The Project will be constructed as a speculative warehouse building; that is, there is not a specific tenant identified at this time. To present a conservative analysis or worst-case conditions, this analysis assumes the Project would be operated 24 hours per day, seven days per week.

FIRST INDUSTRIAL LOGISTICS AT HARLEY KNOX AND INDIAN

FIGURE 1

Vicinity Map



Source: Riverside County GIS, 2020.

\\brkpan01.webb.lan\WO4\2022\22-0142\GIS\PRO\vicinity\vicinity.aprx Map created 23 Jan 2025

ALBERT A. WEBB ASSOCIATES

FIGURE 2

Site Plan

PROJECT DATA

	BLDG. 2
SITE AREA	
In s.f.	1,094,727 s.f.
In acres	25.13 ac
BUILDING AREA	
Office - 1st floor	5,000 s.f.
Office - 2nd floor	5,000 s.f.
Warehouse	539,786 s.f.
TOTAL	549,786 s.f.
COVERAGE	49.8%
F.A.R.	0.502
AUTO PARKING REQUIRED	
Office: (office area is less than 10%)	
Where: 1st 20K @ 1/1,000 s.f.	20 stalls
2nd 20K @ 1/2,000 s.f.	10 stalls
above 40K @ 1/5,000 s.f.	102 stalls
TOTAL	132 stalls
AUTO PARKING PROVIDED	
Standard (9' x 19')	105 stalls
Standard (11' x 19')	42 stalls
Accessible Parking (Standard)(9'x18')	5 stalls
Accessible Parking (Van) (12'x18')	1 stalls
Standard EV Spaces (9' x 19')	32 stalls
Standard EVCS (9' x 19')	9 stalls
Accessible EVCS Parking (Standard) (9'x18')	1 stalls
Accessible EVCS Parking (Van) (12'x18')	1 stalls
Accessible EVCS Parking (Ambulatory) (12'x18')	1 stalls
TOTAL	188 stalls
TRAILER PARKING REQUIRED	
Trailer: 1/5,000 SF	110 stalls
TRAILER PARKING PROVIDED	
Trailer (10' x 55')	132 stalls
ZONING ORDINANCE FOR CITY	
Zoning Designation - Perris Valley Commerce Center	
General Industrial	
MAXIMUM BUILDING HEIGHT ALLOWED	
Height - 50'	
MAXIMUM FLOOR AREA RATIO	
FAR - .75	
MAXIMUM LOT COVERAGE	
Coverage - 50%	
LANDSCAPE REQUIREMENT	
Percentage - 10%	109,473 s.f.
LANDSCAPE PROVIDED	
In s.f.	183,438 s.f.
Percentage	16.8%
SETBACKS	
Harley Knox - 15'	
Side/ Rear - none, adjoining R zone- 20'	

SITE PLAN KEYNOTES

1. HEAVY BROOM FINISH CONC. PAVEMENT.
2. PUMP HOUSE
3. CONCRETE WALKWAY
4. ENHANCED DRIVEWAY APRONS TO BE CONSTRUCTED PER "L" DRAWINGS.
5. 5'-0"X5'-0"X4" MIN. THICK CONCRETE EXTERIOR LANDING PAD TYP. AT ALL EXTERIOR MAN DOORS TO LANDSCAPED AREAS. FINISH TO BE MEDIUM BROOM FINISH. SLOPE TO BE 1/4" - 1/2" MAX. PROVIDE WALK TO PUBLIC WAY OR DRIVE WAY W/ 1:20 MAX. AS REQ. BY CITY INSPECTOR.
6. PROVIDE METAL, MANUAL OPERATED SLIDING GATES W/ PERFORATED SCREEN MESH & KNOX-PAD LOCK PER FIRE DEPARTMENT STANDARDS PER DRIVEWAY.
7. PROVIDE METAL, MANUAL OPERATED SWING GATES W/ PERFORATED SCREEN MESH & KNOX-PAD LOCK PER FIRE DEPARTMENT STANDARDS PER DRIVEWAY.
8. LANDSCAPE. SEE "L" DWGS.
9. CONCRETE TILT-UP SCREEN WALL
10. BIKE RACK. PLEASE SEE DETAIL D/DAB-A4.1
11. APPROXIMATE LOCATION OF TRANSFORMER.
12. 8'H WROUGHT IRON FENCE
13. 14" H SCREEN WALL WITH ANTI GRAFFITI COATING
14. ELECTRICAL ROOM
15. PROPOSED SITE LIGHT POLE.
16. PROPOSED STREET LIGHT
17. TRASH ENCLOSURE PER CITY STANDARD.
18. PROPOSED FIRE HYDRANT
19. HANDICAPPED PARKING STALL SIGN
20. HANDICAPPED ENTRY SIGN
21. PRE-CAST CONC. WHEEL STOP
22. CONC. FILLED GUARD POST "6 DIA. U.N.O. 42" H.
23. EXTERIOR CONC. STAIR.
24. CLEAR ZONE. THIS AREA TO BE SECURED FROM ANY OUTDOOR STORAGE AND PARKING. THIS AREA WILL BE UTILIZED FOR ON – SITE DRAINAGE
25. COLOR CONCRETE WITH SCORING LINES AT TRUCK DRIVEWAY
26. EMPLOYEE BREAK AREA WITH PICKLE BALL
27. EMPLOYEE BREAK AREA WITH CANOPY AND TABLE
28. FUTURE INDOOR EMPLOYEE BREAK AREA
29. AUTOMATIC BOOM BARRIER DOUBLE GATE
30. PROPOSED 8' CLASS I MULTIPURPOSE PATH
31. 3' WIDE W/ SWING GATE W/LOCKSET
32. RAISED PLANTER
33. KNOX BOXES & KNOX DEVICES SHALL BE PROVIDED
34. PROPOSED FIRE DEPT CONNECTION(FDC) LOCATION
35. EMPLOYEE BREAK AREA WITH BOCCE BALL COURT
36. GUARD SHACK

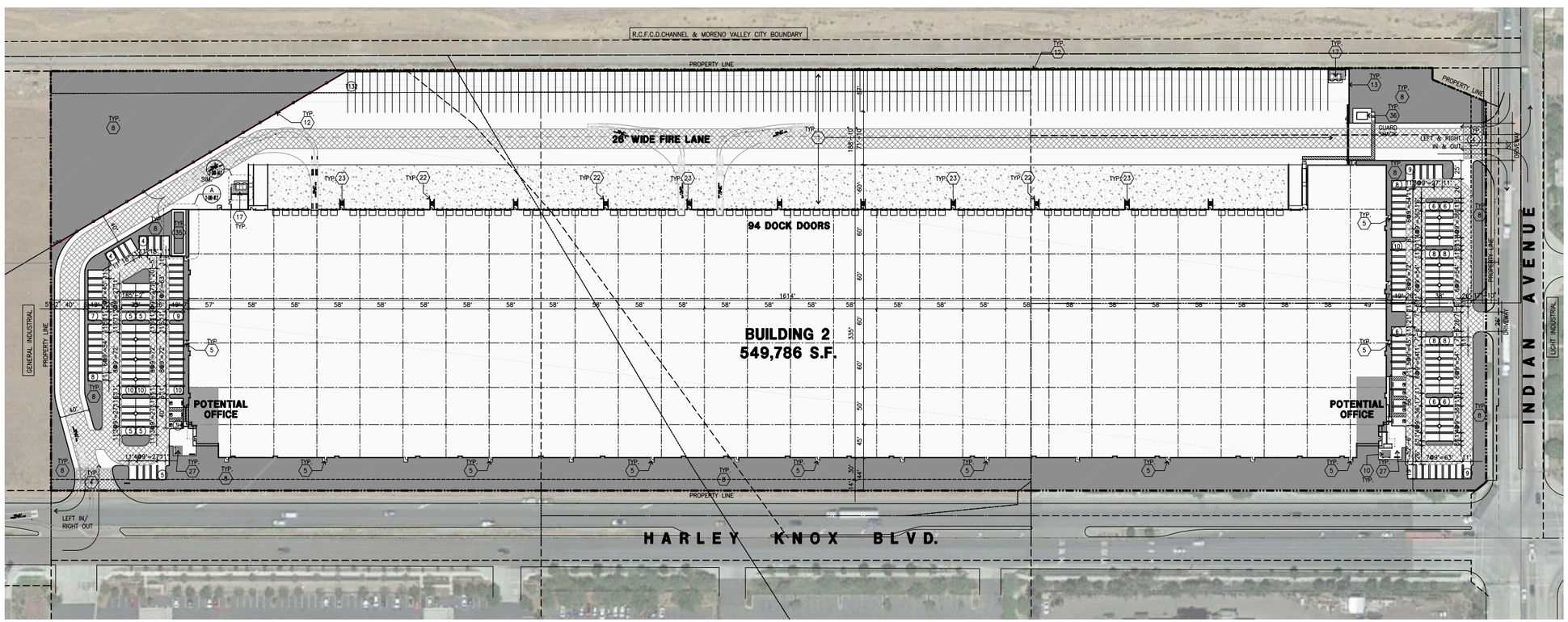
SITE PLAN GENERAL NOTES

1. THE SOILS REPORT PREPARED BY _____

   SHOULD BE A PART OF THESE CONTRACT DOCUMENTS.
2. IF SOILS ARE EXPANSIVE IN NATURE, USE STEEL REINFORCING FOR ALL SITE CONCRETE.
3. ALL DIMENSIONS ARE TO THE FACE OF CONCRETE WALL, FACE OF CONCRETE CURB OR GRID LINE U.N.O.
4. SEE "C" PLANS FOR ALL CONCRETE CURBS, GUTTERS AND SWALES.
5. THE ENTIRE PROJECT SHALL BE PERMANENTLY MAINTAINED WITH AN AUTOMATIC IRRIGATION SYSTEM, PRIOR TO INSTALLATION & AT LEAST 60 DAYS BEFORE BLDG. COMPLETION.
6. SEE "C" DRAWINGS FOR POINT OF CONNECTIONS TO OFF–SITE UTILITIES. CONTRACTOR SHALL VERIFY ACTUAL UTILITY CONTRACTOR SHALL VERIFY ACTUAL UTILITY LOCATIONS.
7. PROVIDE POSITIVE DRAINAGE AWAY FROM BLDG. SEE "C" DRAWINGS.
8. CONTRACTOR TO REFER TO "C" DRAWINGS FOR ALL HORIZONTAL CONTROL DIMENSIONS. SITE PLANS ARE FOR GUIDANCE AND STARTING LAYOUT POINTS.
9. SEE "C"DRAWINGS FOR FINISH GRADE ELEVATIONS.
10. CONCRETE SIDEWALKS TO BE A MINIMUM OF 4" THICK W/ TOOLED JOINTS AT 6' O.C. EXPANSION/CONSTRUCTION JOINTS SHALL BE A MAXIMUM 12' EA. WAY W/ 1:20 MAX. SLOPE. EXPANSION JOINTS TO HAVE COMPRESSIVE EXPANSION FILLER MATERIAL OF 1/4". SEE "L" DRAWINGS FOR FINISH.
11. PROVIDE TWO FIRE HYDRANT ON THE SITE. FINAL LOCATION WILL DETERMINATE IN DURING SUBMITTAL.
12. PAINT CURBS AND PROVIDE SIGNS TO INFORM OF FIRE LANES AS REQUIRED BY FIRE DEPARTMENT.
13. CONSTRUCTION DOCUMENTS PERTAINING TO THE LANDSCAPE AND IRRIGATION OF THE ENTIRE PROJECT SITE SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT AND APPROVED BY PUBLIC FACILITIES DEVELOPMENT PRIOR TO ISSUANCE OF BUILDING PERMITS.
14. PRIOR TO FINAL CITY INSPECTION, THE LANDSCAPE ARCHITECT SHALL SUBMIT A CERTIFICATE OF COMPLETION TO PUBLIC FACILITIES DEVELOPMENT.
15. NOT USED
16. ALL LANDSCAPE AND IRRIGATION DESIGNS SHALL MEET CURRENT CITY STANDARDS AS LISTED IN GUIDELINES OR AS OBTAINED FROM PUBLIC FACILITIES DEVELOPMENT.
17. NOT USED.
18. LANDSCAPED AREAS SHALL BE DELINEATED WITH A MINIMUM SIX INCHES (6") HIGH CURB
19. APPROVED CONCEPTUAL LANDSCAPE PLAN PRIOR TO GRADING PERMIT

SITE LEGEND

- LANDSCAPED AREA
- SITE PAVING – SEE "C" DRWGS. FOR THICKNESS
- CONCRETE PAVING SEE "C" DRWGS. FOR THICKNESS
- STANDARD PARKING STALL (9' X 19')
- HANDICAP PARKING STALL (9' X 19')
- 26' FIRE LANE.
- FIRE LANE RED CURBS
- LIGHT STANDARD
- EXISTING PUBLIC FIRE HYDRANT
- PRIVATE FIRE HYDRANT– APPROXIMATE LOCATION
- PROPERTY LINE
- PATH OF TRAVEL
- TRUCK IN & OUT
- FIRE LANE



PROPERTY OWNER

FIRST INDUSTRIAL REALTY TRUST
898 N. PACIFIC COAST HIGHWAY SUITE 175
EL SEGUNDO, CA 90245
TEL: (310) 414-5400
CONTACT: MICHAEL GOODWIN
MGOODWIN@FIRSTINDUSTRIAL.COM

APPLICANT

FIRST INDUSTRIAL REALTY TRUST
898 N. PACIFIC COAST HIGHWAY SUITE 175
EL SEGUNDO, CA 90245
TEL: (310) 414-5400
CONTACT: MICHAEL GOODWIN
MGOODWIN@FIRSTINDUSTRIAL.COM

APPLICANT'S REPRESENTATIVE

HPA, INC.
18631 BARDEEN AVE SUITE 100
IRVINE CA 92612
TEL: 949-862-2116
ATTN: RUBEN CHOI

ADDRESS OF THE PROPERTY

667 HARLEY KNOX BOULEVARD PERRIS, CA

ASSESSOR'S PARCEL NUMBER

302-020-043, 302-020-048,
302-020-013, 302-020-028, 302-020-038
302-020-040, 302-020-032

ZONING

ZONING DESIGNATION - PERRIS VALLEY COMMERCE CENTER
GENERAL INDUSTRIAL

LEGAL DESCRIPTION

REFER TO CIVIL

REFERENCE FOR THE FULL LEGAL DESCRIPTION FOR CONCEPTUAL GRADING PLAN SHEET 1 OF 9

39.1: THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF PERRIS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

LOTS IN BLOCK 3 OF RIVERSIDE TRACT, IN THE CITY OF PERRIS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 14, PAGE 668 OF MAPS, RECORD OF SAN DIEGO COUNTY.

39.2: THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF PERRIS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

PARCEL A: THE NORTH OF ONE HALF OF LOT 1 IN BLOCK 3 OF RIVERSIDE TRACT, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AS SHOWN BY MAP ON FILE IN BOOK 14, PAGE 668 OF MAPS, RECORDS OF SAN DIEGO COUNTY, CALIFORNIA.

PARCEL B: LOT 2 OF BLOCK 3 OF RIVERSIDE TRACT, AS SHOWN BY MAP ON FILE IN BOOK 14 PAGE 668 OF MAPS, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA.

39.3: REAL PROPERTY IN THE CITY OF PERRIS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

LOT 1 IN BLOCK 3 OF RIVERSIDE TRACT, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AS SHOWN BY MAP ON FILE IN BOOK 14, PAGE(S) 668, OF MAPS, RECORDS OF SAN DIEGO COUNTY, CALIFORNIA, EXCEPTING THAT PORTION LYING SOUTH OF THE FOLLOWING DESCRIBED LINE :

BEGINNING AT THE INTERSECTION OF THE SOUTH LINE OF SAID SECTION 31 AND THE EAST LINE OF WEBSTER AVENUE AS SHOWN BY RECORD OF SURVEY ON FILE IN BOOK 64, PAGE 54, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA

39.4: LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF PERRIS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

THE SOUTH 1/2 OF LOT 1 IN BLOCK 3 OF RIVERSIDE TRACT, AS SHOWN BY MAP ON FILE IN BOOK 14, PAGE 668 OF MAPS, RECORDS OF SAN DIEGO COUNTY, EXCEPT THAT PORTION DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHEAST CORNER OF LOT 1, SAID SOUTHEAST CORNER BEING A POINT ON THE WEST LINE OF INDIAN AVENUE, 60.00 FEET WIDE.

\\brkpan01.webb.lan\WO4\2022\22-0142\GIS\PRO\engineering_templates\engineering_templates.aprx Map created 23 Jan 2025

ALBERT A. WEBB ASSOCIATES

NTS

Sources: First Industrial Realty Trust, Inc., HPA Architecture, and Thienes Engineering, Inc., Mar. 20, 2023

Section 2 – Setting

Existing and Surrounding Land Uses

The proposed Project site is currently vacant and unimproved. The surrounding area includes a mix of developed and undeveloped land. The area surrounding the Project site is currently developing into light industrial uses with vacant land to west of the Project site, and industrial development to the east and to the south, and the Perris Valley Storm Drain (PVSD) to the north of the Project site. The sensitive receptors analyzed herein are non-conforming residential uses that are designated for Light Industrial uses in the Perris Valley Commerce Center Specific Plan (PVCCSP).

Sensitive Receptors

“Sensitive receptors” refer to those people most susceptible to respiratory distress such as asthmatics, the elderly, very young children, people already weakened by other diseases or illness and persons engaged in strenuous work or exercise. The SCAQMD defines a "sensitive receptor" as a land use or facility such as residences, schools, childcare centers, athletic facilities, playgrounds, retirement homes, and convalescent homes. (SCAQMD 1993, p. 1-2)

Analysis Setting

The human health effects examined in this analysis are the inhalation cancer risks and chronic non-cancer health effects due to exposure to airborne diesel exhaust. The potential health risks were estimated using modeling and health risk assessment methodology established by the:

- Office of Environmental Health Hazard Assessment (OEHHA) of the California Environmental Protection Agency (CalEPA)
- South Coast Air Quality Management District (SCAQMD)
- U.S. Environmental Protection Agency (USEPA)
- California Air Resources Board (CARB)

Diesel Particulate Matter Background

Particulate matter in the less than or equal to 10 micron diameter size range (PM-10) is usually formed from mechanical action, such as dust and tire debris. These particles are large enough that they settle out of the air rapidly due to gravitational settling. While in the air, they contribute to visibility degradation and enter into the respiratory tracts of humans. However, they do not travel as far into the respiratory system as the smaller PM-2.5 (particles with a diameter of 2.5 microns or smaller) particles. PM-2.5 is formed through the accumulation of smaller particles or the condensation onto the surface of the smaller particles, which are directly emitted from cars and trucks. The particles in this 2.5 micron size range have the longest atmospheric lifetimes of any particles in the atmosphere of about 10 days and can be transported for up to 1,800-miles from the emission source.

Diesel exhaust is a complex mixture of inorganic and organic compounds that exist in the gaseous, liquid, and solid phases. The primary gaseous components are nitrogen, oxygen, carbon dioxide, and water vapor. As a result of incomplete combustion, diesel exhaust also includes over 40 substances that are listed as hazardous air pollutants by the USEPA and by CARB as toxic air contaminants (TACs). Exhaust from diesel engines contains approximately 20 times more particles than exhaust from comparable gasoline engines. Over 90 percent of the mass of the particles are less than 2.5 microns in diameter and are easily inhaled into the bronchial and alveolar regions of the lung. The particles are

mainly aggregates of spherical carbon particles coated with inorganic and organic substances. The inorganic fraction primarily consists of elemental carbon, while the organic fraction consists of soluble organic compounds such as aldehydes, alkanes, alkenes, high-molecular weight polycyclic aromatic hydrocarbons (PAH), and PAH-derivatives, such as nitro-PAHs. Many of these PAHs and PAH-derivatives, especially nitro-PAHs, have been found to be mutagens and carcinogens. Nitro-PAH compounds can also be formed during transport through the atmosphere by reactions of adsorbed PAH with nitric acid and by gas-phase radical-initiated reactions in the presence of oxides of nitrogen (NO_X) (CARB 1998).

There are three groups of sources of diesel exhaust in California:

- Mobile sources (on-road vehicles and other mobile sources),
- Stationary area sources (e.g., oil and gas production facilities, stationary engines, shipyards, repair yards), and
- Stationary point sources (e.g., chemical manufacturing, electric utilities).

Of these sources, on-road mobile sources (heavy-duty trucks, buses, light-duty cars and trucks) contribute the majority of total diesel exhaust PM-10 emissions in California.

Health Risks

The OEHHA analyzed more than 30 studies of workers exposed to diesel exhaust. The OEHHA reported that diesel-particle levels measured in California's air in 2000 could cause 540 "excess" cancers (beyond what would occur if there were no diesel particles in the air) in a population of 1 million people over a 70-year lifetime. (OEHHA 2001).

According to the OEHHA, scientific evidence suggests that non-cancer lung damage (such as reduced lung function and increased sensitivity to asthma) can occur when long-term ambient DPM levels are greater than 5 $\mu g/m^3$. Although this is higher than the average concentration of DPM in California's air, people can be exposed to DPM concentrations greater than 5 $\mu g/m^3$ near truck stops, busy freeways, and other places where multiple diesel engines are in operation.

Regulations

The local air districts (such as the SCAQMD) have the primary responsibility for control of air pollution for all sources, except for mobile source emissions, which are under the control of CARB. On August 27, 1998, following a 10-year review process, CARB listed DPM as a toxic air contaminant (TAC).

The USEPA, CARB, and the SCAQMD have adopted many regulations that have resulted in or will reduce particulate matter (PM), nitrogen oxides (NO_X), and sulfur oxides (SO_X) emissions from diesel-fueled engines. Some of the existing control measures are:

- a requirement for low sulfur/low aromatic diesel fuel that reduces PM, NO_X, and SO_X emissions (October 1993).
- emission standards for NO_X emissions from diesel cars, trucks, and urban buses (phased in from 1984 through 2004).
- roadside testing of heavy-duty on-road vehicles for excessive PM emissions (1991) and a requirement for fleet inspection and maintenance of heavy-duty vehicles (Summer 1998).
- emission standards that restrict the amount of PM and NO_X that can be emitted from many 1995 and newer diesel utility engines.

- a requirement limiting the idling of diesel-fueled commercial vehicles to five minutes at any location pursuant to Section 2485 of Chapter 10 within Title 13 of California Code of Regulations (February 1, 2005).

In October 2000, the USEPA published the final rule for new diesel engine standards beginning in 2004 for all diesel vehicles over 8,500 pounds. Additional diesel standards and test procedures in this rule began in 2007. Heavy-duty gasoline engines are required to meet new, more stringent standards starting no later than the 2005 model year. The new standards require gasoline trucks to be 78 percent cleaner and diesel trucks to be more than 40 percent cleaner than the models of 2000 (USEPA 2000a). In December 2000, the USEPA established a comprehensive national control program that regulates the heavy-duty vehicle and its fuel as a single system. New emission standards took effect in model year 2007 and apply to heavy-duty highway engines and vehicles. The new standards for PM took full effect for diesel engines in the 2007 model year. Gasoline engines will also be subject to these standards, requiring full compliance in the 2009 model year. In addition, the level of sulfur in highway diesel fuel was reduced by 97 percent to no more than 15 parts per million (ppm) in mid-2006. As a result of this program, each new truck and bus is more than 90 percent cleaner (USEPA 2000b).

In October 2000, CARB completed a risk reduction plan (CARB 2000) to reduce DPM emissions throughout the state. The plan proposed measures which required all new diesel-fueled vehicles and engines to use state-of-the-art catalyzed DPM filters and very low sulfur diesel fuel. In addition, all existing vehicles and engines were to be evaluated, and wherever technically feasible and cost-effective, retrofitted with DPM filters. One of the incentive programs still in effect is the Carl Moyer Program. The Carl Moyer program is a clean engine incentive program. This program provides money in the form of grants to cover the incremental portion of the cost to purchase cleaner burning engines or retrofitting existing ones. As with new engines, very low sulfur diesel fuel should be used by retrofitted vehicles and engines. It was estimated that full implementation of the plan, including proposed federal measures, would result in reductions in DPM emissions and associated cancer risks of 75 percent by 2010 and 85 percent by 2020. On February 27, 2004, CARB announced the approval of five diesel air toxic control measures (ATCM) control measures (CARB 2004), which will limit DPM as part of the plan.

In 2008, CARB approved the Statewide Truck and Bus Rule. The regulation applies to nearly all privately- and federally-owned diesel-fueled trucks and buses with a gross vehicle weight rating greater than 14,000 pounds. This regulation was last amended in December 2014 to provide more time for fleets to comply (CARB 2014). The amended regulation required installation of PM retrofits beginning in 2012 and replacement of older trucks starting in 2015. As of January 1, 2023, nearly all vehicles have 2010 model year engines or equivalent.

Starting in 2000, the SCAQMD adopted new fleet vehicle rules (SCAQMD 2004) that gradually shift public agencies and certain private entities to lower emissions and alternative fuel vehicles. Whenever a fleet operator with 15 or more vehicles replaces or purchases new vehicles, they must be either low-emission or alternative-fueled. There are seven fleet rules currently in effect for on-road vehicles that apply to: less-polluting street sweepers, light-and medium duty public fleet vehicles. transit buses, refuse collection vehicles, airport ground access vehicles (taxicabs, shuttles, etc.), school buses, and heavy-duty public fleet vehicles.

Both federal and state Clean Air Acts require that each non-attainment area prepare a plan to reduce air pollution to healthful levels. The 1988 California Clean Air Act and the 1990 amendments to the federal Clean Air Act (CAA) established new planning requirements and deadlines for attainment of the air quality standards within specified time frames, which are contained in the State Implementation Plan

(SIP). Amendments to the SIP have been proposed, revised, and approved since 1990. The currently adopted clean air plan for the South Coast Air Basin (Basin) is the 2018 SIP Amendment for ozone, approved by the USEPA in 2019. The Air Quality Management Plan (AQMP) for the Basin establishes a program of rules and regulations directed at attainment of the state and national air quality standards. The AQMP control measures and related emission reduction estimates are based upon emissions projections for a future development scenario derived from land use, population, and employment characteristics defined in consultation with local governments. The SCAQMD adopted an updated AQMP in December 2022. The 2022 AQMP builds upon measures already in place from previous AQMPs to meet various ozone and PM-2.5 standards. It includes a variety of additional strategies such as regulation, accelerated deployment of available cleaner technologies (e.g., zero emissions technologies, when cost-effective and feasible, and low NO_X technologies in other applications), best management practices, co-benefits from existing programs (e.g., climate and energy efficiency), incentives, and other CAA measures to achieve the 2015 8-hour ozone standard of 70 parts per billion (ppb) (SCAQMD 2022).

The AQMP points out that the regulation of emissions from interstate heavy-duty trucks, ships, airplanes, locomotives, and some categories of construction equipment are primarily under federal jurisdiction, yet emissions from these sources continues to represent a significant and increasing portion of the emissions inventory in the Basin. The majority of control measures in the 2022 AQMP are from stationary sources. There are also several mobile source measures proposed, which includes a facility-based measure for warehouses, utilizing a menu-based point system in Rule 2305 (adopted in May 2021 to implement MOB-03 from the 2016 AQMP) that requires annual compliance by applicable warehouse operators to implement emission reducing strategies based on the volume of truck traffic to each individual warehouse. Compliance strategies, include but are not limited to, encouraging near zero emission (NZE) or ZE truck visits, acquire and use ZE yard trucks, and electric vehicle charging. There are also six on-road and off-road mobile measures that focus on on-road light/medium/heavy-duty vehicles, international shipping vessels, passenger locomotives and small off-road engines.

The SCAQMD *CEQA Air Quality Handbook* (1993) states that emissions of TACs are considered significant if a health risk assessment shows a Maximum Individual Cancer Risk (MICR) of greater than ten (10) in one million. Based on guidance from the SCAQMD (SCAQMD 2003), 10 in one million is used as the threshold for this Project. For non-cancer risks, the threshold is a hazard index value greater than one (1).

Section 3 — Emissions Estimates

Modeling Methodology

This health risk assessment was performed using AERMOD and in accordance with the SCAQMD's Health Risk Assessment Guidance for Analyzing Cancer Risk from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (SCAQMD 2003) and the 2017 Risk Assessment Procedures for Rules 1401, 1401.1 and 212 Version 8.1, which is based on OEHHA's *The Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments* ("Guidance Manual") (SCAQMD 2017).

The SCAQMD recommends using the USEPA's AERMOD model for mobile source emissions impact assessments by modeling the individual roadways as line sources represented by adjacent volume sources, consistent with the USEPA Haul Road Workgroup Recommendations (USEPA 2012). For dispersion analysis, AERMOD has four source types that the user can choose from. Point sources refer to stacks, where the pollutants are released from a single point. The area source model is used to simulate the effects of fugitive emissions from sources such as storage piles and slag lumps. The open pit source model is used to simulate fugitive emissions from below-grade open pits, such as surface coal mines or stone quarries. The volume source model is used to simulate the effects of emissions from sources such as building roof monitors and line sources, which include roads. This study uses the volume source model, as recommended by the SCAQMD. Modeled sources were assumed to have a constant and steady emission rate for all hours of the day.

Due to the large number of volume sources modeled for this analysis, the corresponding coordinates of each volume source have not been included in this report. However, tables showing the roadways and volume sources modeled are included in Appendix A. In order to model the mobile source emissions from area diesel truck traffic, the roadways were treated as line sources represented by multiple adjacent volume sources. The initial horizontal and vertical plume standard deviations must be computed for each volume source modeled. According to the AERMOD user's guide, the initial horizontal standard deviation (σ_y) of individual volume sources should be estimated as the distance between separate volume sources divided by 2.15. In a similar manner, the AERMOD user guide specifies that the source initial vertical standard deviation (σ_z) for a surface-based source (simulating truck travel on roadways or idling at truck bays) should be estimated as the height of the building divided by the same factor of 2.15. For roadway parameters, the USEPA Haul Road Workgroup Recommendations was utilized for calculating the volume source characteristics based on the height and width of heavy duty diesel trucks.

The area studied as part of this health risk assessment is much larger than the Project site itself and is generally bounded by the Grove View Road to the north, Interstate 215 (I-215) to the west, Markham Street to the south, and an area approximately 430 meters (1,410 feet) east of Indian Avenue. The local roadway segments modeled are listed in **Table 1**, below, and are based on the truck distribution patterns identified in *First Industrial Logistics at Harley Knox and Indian, Traffic Study*, (WEBB-2024). In general, the trip distribution pattern is influenced by the geographical location of the site, the location of surrounding uses, and the proximity to the regional freeway system. The truck distribution patterns are based on City truck routes and proximity to the freeway system. Accordingly, truck traffic is anticipated to access the Project site via Indian Avenue then to Harley Knox Boulevard Avenue and then to the freeway I-215 interchange ramp at Harley Knox Boulevard.

Table 1 – Local Road Segments Modeled

Roadway	Link Segment Description	Average Vehicle Speed (mph)
Indian Avenue	B/n N. Driveway and Harley Knox Boulevard	15
Harley Knox Boulevard	B/n Indian Avenue and I-215 Ramps	35

In order to do the dispersion analysis, the initial concentration of DPM emitted per roadway segment modeled has to be estimated. The EMFAC2021 (CARB 2022) developed by CARB was utilized to obtain an average emission factor for 2026 (Project opening year) using the meteorological data for the South Coast Air Basin to estimate the particulate matter (PM) emissions generated by the truck traffic on the local roads near the Project site.

EMFAC2021 results are available by vehicle category. The Project-specific Scoping Agreement provides truck data by axle number categorizing trucks as either 2-axle, 3-axle, or 4+-axle. To convert the axle-based truck categories to those within EMFAC2021, one of the SCAQMD's recommended methods was used which equates 2-axle trucks to Light-Heavy Duty Diesel trucks (LHDT), 3-axle trucks to Medium-Heavy Duty Diesel Trucks (MHDT), and 4+-axle trucks to Heavy-Heavy Duty Diesel Truck (HHDT) (SCAQMD 2011).

Since PM emissions are also a function of vehicle speed, the modeled vehicle speeds along local roads and the freeway ranging between 5 miles per hour (mph) and 35 mph, depending on the road segment, were used. An average vehicle speed of 5 mph was modeled for the trucks traveling within the Project site. These vehicle speeds were chosen after consultation with staff at the SCAQMD,[1] who suggested that the average vehicle speed be reduced for each roadway below the posted speed limit in order to model emissions from diesel trucks while they are idling at traffic lights or in congested traffic conditions. **Table 2** summarizes the emission factors and corresponding vehicle speeds used.

The below emission factors were adjusted to reflect actual percentages for each truck category identified in the *First Industrial Logistics at Harley Knox and Indian, Traffic Study,* (WEBB-2024), for the modeled scenarios on each road modeled to produce an average emission factor for each road segment modeled. These emission factors were averaged for each of the four age bins in the 2017 SCAQMD Guidance for each modeled scenario (Appendix A). For assessment of residential cancer risk, the risk is calculated in individual age bins (e.g., third trimester, 0 to 2 years, etc.) rather than a single lifetime calculation, whereas, for offsite workers the default assumption is that working age begins at 16 years (SCAQMD 2017). These age bins are based on scientific data, which has shown that young animals are more sensitive than adult animals to exposure to many carcinogens, and are designed to take into account the increased sensitivity to carcinogens during early-in-life exposure. Each age bin is adjusted by an Age Sensitivity Factor (ASF) when calculating cancer risks to account for this increased sensitivity.

[1] Staff communication with James Koizumi on March 5, 2004.

Table 2 – EMFAC2021 Emission Factors Used

Speed	2026 Project Emission Factors (grams/mile)		
	LDT	MDT	HDT
0 mph (Idling)			
-0.25 to 0 years	0.789	0.046	0.012
0 to 2 years	0.788	0.042	0.012
2 to 16 years	0.787	0.020	0.011
16 to 30 years	0.787	0.020	0.011
5 mph			
-0.25 to 0 years	0.094	0.028	0.012
0 to 2 years	0.091	0.026	0.012
2 to 16 years	0.067	0.012	0.011
16 to 30 years	0.067	0.012	0.011
15 mph			
-0.25 to 0 years	0.064	0.015	0.008
0 to 2 years	0.062	0.014	0.008
2 to 16 years	0.047	0.007	0.007
16 to 30 years	0.047	0.007	0.007
35 mph			
-0.25 to 0 years	0.030	0.006	0.007
0 to 2 years	0.030	0.005	0.007
2 to 16 years	0.023	0.003	0.007
16 to 30 years	0.023	0.003	0.007

Truck Counts

The number of Project trucks using local roads in 2026 was estimated as part of the *First Industrial Logistics at Harley Knox and Indian, Traffic Study,* (WEBB-2024) using trip generation rates and truck trip distribution maps. The assumptions for truck distributions (LHDT, MHDT, and HHDT) in each scenario are contained in detail in Appendix A. The local road segments and truck average daily traffic (ADT) used for this analysis are listed in **Table 3**.

Table 3 – Average Daily Truck Traffic

Roadway	Link Segment Description	Project Truck ADT
Indian Avenue	B/n N. Driveway and Harley Knox Boulevard	120
Harley Knox Boulevard	B/n Indian Avenue and I-215 Ramps	120

Truck Idling

In addition to the emissions of DPM from trucks traveling along the roadways, it is also important to model the emissions of DPM from trucks while they are idling at the loading areas of the Project site. There is one loading area at the Project site with approximately 94 dock doors located on the north side of the building (**Figure 2 – Site Plan**). The emissions from the loading area was calculated as line volume sources utilizing the idling emission factor shown in **Table 2**, calculated by EMFAC2021. All trucks were conservatively assumed to idle in the loading area for 15 minutes.

Diesel Particulate Matter Dispersion Modeling

The AERMOD dispersion model uses available meteorological data (provided by the SCAQMD) for the Project area in order to estimate the DPM concentrations at receptor locations. The meteorological data provided by the SCAQMD was for Perris, CA. Terrain data, National Elevation Dataset (NED) data available from U. S. Geological Survey, was used to produce terrain base elevations for all modeled sources and receptors. Uniform Cartesian receptor grids, with receptors placed at 75 meter intervals, extending in each direction of the Project boundary and modeled roadways was used.

Estimation of Health Risks

Cancer Risks

Cancer risks are a calculated probability of the number of people who will develop cancer after exposure to DPM at the same concentration, 24 hours a day, 350 days a year for a lifetime of 70 years. As a conservative measure, the SCAQMD does not recognize indoor adjustments for residents. However, a study by published in the Journal of Air and Waste Management Association in 2001 (JAWMA 2001) shows that the typical person spends approximately 87 percent of their time indoors, 5 percent of their time outdoors, and 7 percent of their time in vehicles.

The cancer risks from DPM occur exclusively through the inhalation pathway; therefore, the maximum individual cancer risk (MICR) can be estimated from the following equation:

$$*MICR_{DPM} = CP_{DPM} \bullet DI_{DPM}$$

where,

$MICR_{DPM}$ Cancer risk from diesel particulate matter (DPM); the probability of an individual developing cancer as a result of exposure to DPM.

CP_{DPM} [1] Cancer Potency factor for DPM $(mg/kg\text{-}day)^{-1}$; estimated probability that a person will contract cancer as a result of inhalation of a DPM concentration of 1mg per kilogram of bodyweight continuously over a period of 70 years CP_{DPM} value of 1.1 $(mg/kg\text{-}day)^{-1}$

DI_{DPM} [2] Dose through inhalation (mg/kg-day)

- obtained by multiplying C_{air} x ASF x ED x FAH x DBR x (EF/70) x 10^{-6}
  - C_{air} is the Annual Average 24 hour per day concentration of DPM in air ($\mu g/m^3$) (calculated by AERMOD).
  - ASF is the age specific factor.
  - ED is the exposure duration in years.
  - FAH is the fraction of time at home.
  - DBR is the daily breathing rate
    - To be most protective, the DBR was adjusted for each age group (95th percentile rate for age bins less than 2 years old and 80th percentile for older age groups, as recommended by CARB)
  - EF is the exposure factor
    - Most sensitive value of 0.96 used. [3]
    - Off-site receptor value of 0.68 was used.

* Table of data used in calculations can be found in Appendix A.

1. From Table 2.0 of the 2017 SCAQMD Permit Application Package "N" (For Use in Conjunction with the Risk Assessment Procedures for Rules 1401, 1401.1 and 212 Version 8.1 [SCAQMD 2017]).
2. From Table 4.0 of the 2017 SCAQMD Permit Application Package "N".

This probability is usually expressed in terms of the number of people who will develop cancer per one million people who are also exposed. The exposure assumptions provided in the above calculations are based on the SCAQMD 2017 Permit Applications Package "N" which is based on The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments updated by OEHHA in 2015 (OEHHA 2015). In 2015, OEHHA adopted updated Guidelines (OEHHA 2015) for risk assessments conducted under The Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB2588), which superseded the previous 2003 Guidelines. The Air Toxics "Hot Spots" Information and Assessment Act requires stationary sources (facilities) to report the type and quantity of substances they routinely release into the air. For risk assessments conducted under AB 2588, the OEHHA applies specific adjustment factors to all carcinogens regardless of purported mechanism of action. However, U.S. EPA guidance relating to the use of early life exposure adjustment factors[2] explains that use of adjustment factors is only necessary when carcinogens act "through the mutagenic mode of action." A mutagen is a physical or chemical agent that changes genetic material, such as DNA, which increases the frequency of mutations and produces carcinogenic effects. The use of adjustment factors is recommended to account for the susceptibility of producing adverse health effects during early life stages from exposure to these mutagenic compounds. Because DPM does not elicit a mutagenic mode of action, the use of age specific adjustment factors is not warranted. Nonetheless, age adjustment factors were used herein to ensure a conservative analysis.

Additionally, with regard to applicability of the risk assessment procedures, the OEHHA has indicated that roadways are not part of the Hot Spots program because the program only addresses stationary sources. Nonetheless, this HRA conservatively used the 2017 updated Risk Assessment Procedures for Rules 1401 and 212.

Modeled Cancer Risks

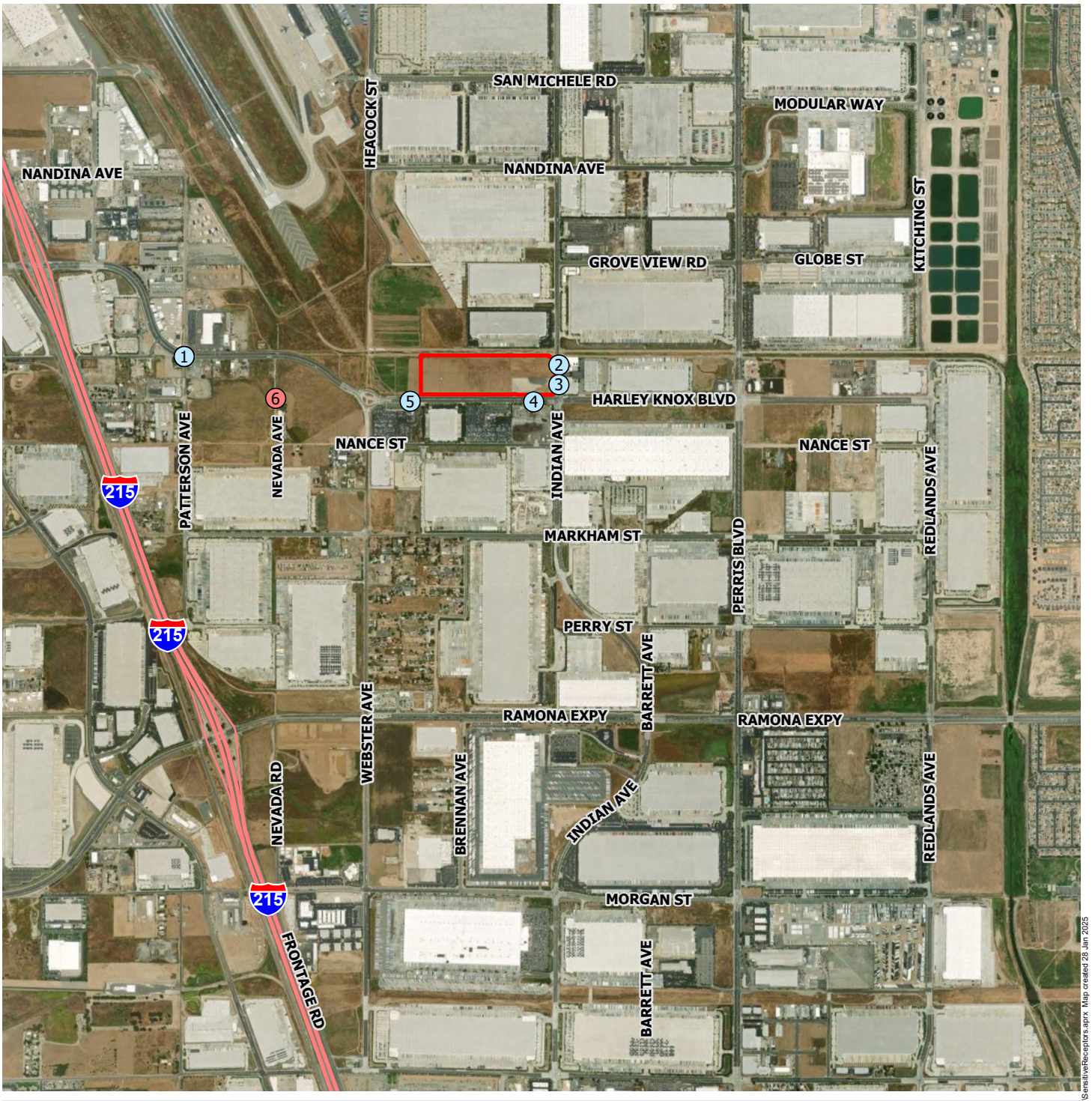
Six (6) separate discrete receptors located at off-site worker receptors (Receptor 1 – Receptor 5) and sensitive receptor (Receptor 6) within the Project vicinity were modeled (**Figure 3**). All receptor locations were modeled at the nearest property boundary to provide a conservative analysis. Receptor 1 - Receptor 5 are industrial uses. Receptor 2 and Receptor 3 are immediately east of the Project site along Indian Avenue; Receptor 4 and Receptor 5 are south and southwest of the Project site along Harley Knox Boulevard. Receptor 1 is a commercial property west of the Project site at the intersection of Patterson Avenue and Harley Knox Boulevard. Receptor 6 is a residential property. Receptor 6, the closest sensitive receptor to the Project site, is a residential non-conforming use located southwest of the Project site, along Nevada Avenue.

DPM concentrations were predicted at modeled receptor locations for each age bin using the emission factors described above and shown in Appendix A. The Project's anticipated increases in DPM and cancer risk were modeled to determine if the Project would result in excess cancer risk above the SCAQMD threshold of 10 in one million.

[2] U.S. EPA, Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens, EPA/630/R-003F, March 2005. Available at: https://archive.epa.gov/raf/web/pdf/childrens_supplement_final.pdf.

FIGURE 3

Discrete Receptor Locations



LEGEND

RECEPTORS

- Off-Site Worker
- Sensitive
- Project Site

0 1,000 2,000 Feet

Source: Riverside Co. GIS

\\brkpan01.webb.lan\WO4\2022\22-0142\GIS\PRO\SensitiveReceptors.aprx Map created 28 Jan 2025

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The Project-generated cancer risk at discrete receptor locations modeled are summarized in **Table 4**, below.

Table 4 – Project-Generated Cancer Risk (2026) at Discrete Receptors

Receptor	Cancer Risk (per million)
Off-site Worker Receptors	
1	0.1
2	0.2
3	0.1
4	0.1
5	0.1
Sensitive Receptors	
6	0.2

None of the modeled receptor locations would be exposed to Project-related excess cancer risks from DPM on the modeled roadways and site operations that exceed the SCAQMD threshold of 10 in one million. The highest cancer risk at modeled receptor locations is 0.2 per million, located at Receptor 6, the property boundary of a sensitive receptor. The highest modeled cancer risk at off-site worker receptors is 0.2 per million, located at Receptor 2.

Non-Cancer Risks

The non-cancer risks can be described as acute (short-term, generally 1-hour peak exposures) or chronic (long-term exposure, defined as 12 percent of a lifetime or about 8 years for humans) health impacts. OEHHA has developed acute and chronic reference exposure levels (REL) for determining the non-cancer health impacts of toxic substances. Exceeding the acute or chronic REL does not necessarily indicate that an adverse health impact will occur; however, levels of exposure above the REL have an increasing but undefined probability of resulting in an adverse health impact, particularly in sensitive individuals (OEHHA 2003). For DPM, there is no value for the acute REL and the chronic REL is 5 µg/m^3.

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

$$\mathbf{HI_{DPM} = C_{DPM} / REL_{DPM}}$$

where,

HI_{DPM} Hazard Index; an expression of the potential for non-cancer health effects.

C_{DPM} Annual average DPM concentration in µg/m^3.

REL_{DPM} Reference exposure level (REL) for DPM; the DPM concentration at which no adverse health effects are anticipated.

The maximum DPM concentration is 0.01771 µg/m^3 is reported for the first age bin and it occurs on site, within the truck loading area. Using the equation above, the hazard index is 0.003542 which is approximately less than one percent of the allowed threshold of 1.

Recommended Mitigation Measures

Because the Project's DPM emissions do not exceed the 10 in one million threshold, no mitigation is required.

Conclusion

Based on the analysis herein, without mitigation, the long-term DPM emissions directly from the Project will not result in cancer risks exceeding the SCAQMD 10-in-one-million threshold at modeled receptors.

Non-cancer risks are less than one percent of the SCAQMD recommended threshold.

Section 4 – References

References Cited

The following documents were referred to as general information sources during preparation of this document. They are available for public review at the locations indicated after each listing and identified out at the end of this section. Some of these documents are also available at public libraries and at other public agency offices.

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Location	**Address**
City of Perris	City of Perris, Planning Division 101N. D Street Perris, CA 92570
SCAQMD	South Coast Air Quality Management District 21865 East Copley Drive Diamond Bar, CA 91765-4182

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APPENDIX A

Dispersion Modeling Parameters and Output

2026 Average Truck Emission Rates (grams/mile; grams/idle-hour)

	0 mph			5 mph			15 mph			35 mph		
	LHDT	MHDT	HHDT	LHDT	MHDT	HHDT	LHDT	MHDT	HHDT	LHDT	MHDT	HHDT
2026	0.789	0.046	0.012	0.094	0.028	0.012	0.064	0.015	0.008	0.030	0.006	0.007
2027	0.788	0.038	0.012	0.089	0.024	0.012	0.061	0.013	0.008	0.029	0.005	0.007
2028	0.787	0.032	0.012	0.084	0.020	0.012	0.057	0.011	0.008	0.028	0.004	0.007
2029	0.787	0.027	0.012	0.079	0.017	0.012	0.054	0.009	0.008	0.026	0.004	0.007
2030	0.785	0.023	0.011	0.074	0.015	0.012	0.052	0.008	0.008	0.025	0.003	0.007
2031	0.784	0.020	0.011	0.070	0.013	0.012	0.049	0.007	0.007	0.024	0.003	0.007
2032	0.785	0.017	0.011	0.067	0.011	0.011	0.047	0.006	0.007	0.023	0.003	0.007
2033	0.786	0.015	0.011	0.064	0.010	0.011	0.045	0.005	0.007	0.023	0.003	0.007
2034	0.786	0.014	0.011	0.062	0.009	0.011	0.044	0.005	0.007	0.022	0.002	0.006
2035	0.787	0.012	0.010	0.060	0.008	0.011	0.043	0.004	0.007	0.022	0.002	0.006
2036	0.788	0.011	0.010	0.058	0.007	0.011	0.041	0.004	0.007	0.021	0.002	0.006
2037	0.788	0.010	0.010	0.055	0.006	0.011	0.040	0.003	0.007	0.020	0.002	0.006
2038	0.789	0.010	0.010	0.053	0.006	0.011	0.038	0.003	0.007	0.020	0.002	0.006
2039	0.790	0.009	0.010	0.050	0.006	0.011	0.037	0.003	0.007	0.019	0.002	0.006
2040	0.791	0.009	0.010	0.048	0.005	0.011	0.035	0.003	0.007	0.018	0.002	0.006
2041	0.791	0.009	0.010	0.048	0.005	0.011	0.035	0.003	0.007	0.018	0.002	0.006
2042	0.791	0.009	0.010	0.048	0.005	0.011	0.035	0.003	0.007	0.018	0.002	0.006
2043	0.791	0.009	0.010	0.048	0.005	0.011	0.035	0.003	0.007	0.018	0.002	0.006
2044	0.791	0.009	0.010	0.048	0.005	0.011	0.035	0.003	0.007	0.018	0.002	0.006
2045	0.795	0.008	0.010	0.040	0.004	0.010	0.030	0.002	0.007	0.016	0.002	0.006
2046	0.795	0.008	0.010	0.040	0.004	0.010	0.030	0.002	0.007	0.016	0.002	0.006
2047	0.795	0.008	0.010	0.040	0.004	0.010	0.030	0.002	0.007	0.016	0.002	0.006
2048	0.795	0.008	0.010	0.040	0.004	0.010	0.030	0.002	0.007	0.016	0.002	0.006
2049	0.795	0.008	0.010	0.040	0.004	0.010	0.030	0.002	0.007	0.016	0.002	0.006
2050	0.798	0.007	0.010	0.034	0.004	0.010	0.026	0.002	0.006	0.014	0.001	0.006
2051	0.798	0.007	0.010	0.034	0.004	0.010	0.026	0.002	0.006	0.014	0.001	0.006
2052	0.798	0.007	0.010	0.034	0.004	0.010	0.026	0.002	0.006	0.014	0.001	0.006
2053	0.798	0.007	0.010	0.034	0.004	0.010	0.026	0.002	0.006	0.014	0.001	0.006
2054	0.798	0.007	0.010	0.034	0.004	0.010	0.026	0.002	0.006	0.014	0.001	0.006
2055	0.798	0.007	0.010	0.034	0.004	0.010	0.026	0.002	0.006	0.014	0.001	0.006
-.25 to 0	0.789	0.046	0.012	0.094	0.028	0.012	0.064	0.015	0.008	0.030	0.006	0.007
0 to 2	0.788	0.042	0.012	0.091	0.026	0.012	0.062	0.014	0.008	0.030	0.005	0.007
2 to 16	0.787	0.020	0.011	0.067	0.012	0.011	0.047	0.007	0.007	0.023	0.003	0.007
16 to 30	0.787	0.020	0.011	0.067	0.012	0.011	0.047	0.007	0.007	0.023	0.003	0.007

Project Road Segment Emission Rates Truck Mix[1]														
Speed►	0 mph			5 mph			15 mph			35 mph		
Road # ▼												
1)												
-.25 to 0							0.019	grams/mile				
0 to 2							0.018	grams/mile				
2 to 16							0.014	grams/mile				
16 to 30							0.014	grams/mile				
2)												
-.25 to 0										0.011	grams/mile	
0 to 2										0.011	grams/mile	
2 to 16										0.009	grams/mile	
16 to 30										0.009	grams/mile	
3) - On-site Travel												
-.25 to 0				0.029	grams/mile							
0 to 2				0.028	grams/mile							
2 to 16				0.021	grams/mile							
16 to 30				0.021	grams/mile							
4) Idling												
-.25 to 0	0.149	grams/mile										
0 to 2	0.148	grams/mile										
2 to 16	0.142	grams/mile										
16 to 30	0.142	grams/mile										

Note: [1] Project truck mix based on Traffic Scoping, calculated on following tab.

Project Truck Mix

Roadway Segment	Link Segment Description	2 Axle	% of total	3 Axle	% of total	4+ Axle	% of total	total # of trucks
Indian Avenue	B/n N. Driveway and Harley Knox Boulevard	20	16.7	25	20.8	75	62.5	120
Harley Knox Boulevard	B/n Indian Avenue and I-215 Ramps	20	16.7	25	20.8	75	62.5	120

Roadway Links Modeled (2026) - Project Only Trucks

Roadway Segment	Link Segment Description	Vol Source Spacing (ft)	Vol Source Spacing (m)	Average Speed (mph)	Age	Emission Factor (g/mi)	Project Truck ADT	Length (m)	Total Line Emission Rate (g/s)	SLINE #
Indian Avenue	B/n N. Driveway and Harley Knox Boulevard	28.18	8.59	15	-.25 to 0	0.019	120	151.10	**2.455E-06**	1
					0 to 2	0.018			**2.381E-06**	
					2 to 16	0.014			**1.791E-06**	
					16 to 30	0.014			**1.791E-06**	
Harley Knox Boulevard	B/n Indian Avenue and I-215 Ramps	28.18	8.59	35	-.25 to 0	0.011	120	**2,543.20**	**2.404E-05**	2
					0 to 2	0.011			**2.349E-05**	
					2 to 16	0.009			**1.898E-05**	
					16 to 30	0.009			**1.898E-05**	

On-Site Travel

Roadway	Vol Source Spacing (ft)	Vol Source Spacing (m)	Average Speed (mph)	Age	Emission Factor (g/mi)	Project Truck ADT	Length (m)	Total Line Emission Rate (g/s)	SLINE #
Drive Aisle	28.18	8.59	5	-.25 to 0	0.029	120	686.8	**1.733E-05**	3
				0 to 2	0.028			**1.675E-05**	
				2 to 16	0.021			**1.234E-05**	
				16 to 30	0.021			**1.234E-05**	

Truck Idling (15 min)

Location	Vol Source Spacing (ft)	Vol Source Spacing (m)	Project Trucks	Age	Idling Time (min)	Emission Factor (g/mi)	Loading Areas	Total Line Emission Rate (g/s)	SLINE #
Loading Area	28.18	8.59	120	-.25 to 0	15	0.149	1	**5.171E-05**	4
				0 to 2		0.148		**5.135E-05**	
				2 to 16		0.142		**4.937E-05**	
				16 to 30		0.142		**4.937E-05**	

Project Only trucks are estimated percentages of the total truck trips generated in the Traffic Scoping.

MICR Calculations

Data for Table 4, 2026 Project Cancer Risk at Sensitive Receptors

Receptor	Age Bin	DPM* Conc (µg/m3)	DBR** (Daily Breathing rate) (L/kg body weight-day))	Age Specific Factor**	Exposure Duration**	Fraction of Time at Home**	EF** (Exposure Frequency)	Unit Conversion Factor	CP*** (Cancer Potency Factor (mg/kg-day))	MICR (Maximum Individual Cancer Risk)	Cancer risk per million
6	-0.25 to 0	0.00032	361	10	0.25	1	0.96	1.00E-06	1.1	4.36E-09	0.0
6	0 to 2	0.00031	1090	10	2	1	0.96	1.00E-06	1.1	1.02E-07	0.1
6	2 to 16	0.00026	572	3	14	1	0.96	1.00E-06	1.1	9.42E-08	0.1
6	16 to 30	0.00026	261	1	14	0.73	0.96	1.00E-06	1.1	1.05E-08	0.0
									Total	***2.11E-07***	***0.2***

Data for Table 4, 2024 Project Cancer Risk at Off-Site Workers in Project Vicinity

Receptor	DPM* Conc (µg/m3)	DBR** (Daily Breathing rate) (L/kg body weight-day))	Exposure Duration**	EF** (Exposure Frequency)	Unit Conversion Factor	CP*** (Cancer Potency Factor (mg/kg-day))	MICR (Maximum Individual Cancer Risk)	Cancer risk per million
1	0.00103	230	25	0.68	1.00E-06	1.1	6.33E-08	0.1
2	0.00261	230	25	0.68	1.00E-06	1.1	1.60E-07	0.2
3	0.00244	230	25	0.68	1.00E-06	1.1	1.50E-07	0.1
4	0.00215	230	25	0.68	1.00E-06	1.1	1.32E-07	0.1
5	0.00164	230	25	0.68	1.00E-06	1.1	1.01E-07	0.1

* DPM concentration calculated by AERMOD

** Values from Table 4.0 of 2017 Permit Application Package "N" For Use in Conjunction with SCAQMD Risk Assessment Procedures for Rules 1401, 1401.1, and 212 version 8.1

*** CP for DPM value from Table 2.0 of 2017 Permit Application Package "N"

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** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 12/16/2024
** File: C:\Users\monicat\Desktop\FIR Harley\ProjAB1\ProjAB1\ProjAB1.ADI
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** AERMOD Control Pathway
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   TITLETWO Project only DPM Concentration (2026) - AB1
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2492442 Riverside
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL ProjAB1.err
CO FINISHED
**
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** AERMOD Source Pathway
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SO STARTING
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** Source ID - Type - X Coord. - Y Coord. **
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** LINE VOLUME Source ID = SLINE1
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** PREFIX
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LOCATION	L0000678	VOLUME	477308.068	3746446.645	450.24
LOCATION	L0000679	VOLUME	477301.290	3746451.922	450.27
LOCATION	L0000680	VOLUME	477294.512	3746457.199	450.30
LOCATION	L0000681	VOLUME	477287.734	3746462.476	450.33
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LOCATION	L0000684	VOLUME	477268.502	3746479.400	450.46
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LOCATION	L0000686	VOLUME	477254.593	3746489.484	450.53

LOCATION	L0000687	VOLUME	477247.451	3746494.241	450.56
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LOCATION	L0000690	VOLUME	477225.258	3746507.339	450.74
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LOCATION	L0000693	VOLUME	477203.066	3746520.437	450.93
LOCATION	L0000694	VOLUME	477195.668	3746524.804	450.98
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LOCATION	L0000696	VOLUME	477180.115	3746531.948	451.11
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LOCATION	L0000698	VOLUME	477164.021	3746537.960	451.25
LOCATION	L0000699	VOLUME	477155.974	3746540.967	451.32
LOCATION	L0000700	VOLUME	477147.928	3746543.973	451.39
LOCATION	L0000701	VOLUME	477139.784	3746546.621	451.46
LOCATION	L0000702	VOLUME	477131.317	3746548.069	451.53
LOCATION	L0000703	VOLUME	477122.850	3746549.516	451.60
LOCATION	L0000704	VOLUME	477114.383	3746550.964	451.66
LOCATION	L0000705	VOLUME	477105.916	3746552.411	451.73
LOCATION	L0000706	VOLUME	477097.448	3746553.859	451.79
LOCATION	L0000707	VOLUME	477088.981	3746555.306	451.86
LOCATION	L0000708	VOLUME	477080.514	3746556.754	451.92
LOCATION	L0000709	VOLUME	477072.047	3746558.201	451.99
LOCATION	L0000710	VOLUME	477063.581	3746559.601	452.06
LOCATION	L0000711	VOLUME	477055.218	3746557.639	452.16
LOCATION	L0000712	VOLUME	477046.856	3746555.676	452.25
LOCATION	L0000713	VOLUME	477038.493	3746553.714	452.34
LOCATION	L0000714	VOLUME	477030.085	3746552.122	452.41
LOCATION	L0000715	VOLUME	477021.495	3746552.027	452.48
LOCATION	L0000716	VOLUME	477012.906	3746551.932	452.56
LOCATION	L0000717	VOLUME	477004.317	3746551.837	452.64
LOCATION	L0000718	VOLUME	476995.727	3746551.742	452.73
LOCATION	L0000719	VOLUME	476987.138	3746551.647	452.81
LOCATION	L0000720	VOLUME	476978.548	3746551.551	452.89
LOCATION	L0000721	VOLUME	476969.959	3746551.456	452.97
LOCATION	L0000722	VOLUME	476961.369	3746551.361	453.04
LOCATION	L0000723	VOLUME	476952.780	3746551.266	453.12
LOCATION	L0000724	VOLUME	476944.190	3746551.171	453.19
LOCATION	L0000725	VOLUME	476935.601	3746551.076	453.26
LOCATION	L0000726	VOLUME	476927.011	3746550.981	453.34
LOCATION	L0000727	VOLUME	476918.422	3746550.886	453.42
LOCATION	L0000728	VOLUME	476909.832	3746550.791	453.50
LOCATION	L0000729	VOLUME	476901.243	3746550.696	453.57
LOCATION	L0000730	VOLUME	476892.653	3746550.601	453.64
LOCATION	L0000731	VOLUME	476884.064	3746550.505	453.72
LOCATION	L0000732	VOLUME	476875.474	3746550.410	453.82
LOCATION	L0000733	VOLUME	476866.885	3746550.315	453.92
LOCATION	L0000734	VOLUME	476858.295	3746550.220	454.01
LOCATION	L0000735	VOLUME	476849.706	3746550.125	454.09
LOCATION	L0000736	VOLUME	476841.117	3746550.030	454.17

LOCATION	L0000737	VOLUME	476832.527	3746549.935	454.25
LOCATION	L0000738	VOLUME	476823.938	3746549.840	454.33
LOCATION	L0000739	VOLUME	476815.348	3746549.745	454.40
LOCATION	L0000740	VOLUME	476806.759	3746549.650	454.48
LOCATION	L0000741	VOLUME	476798.169	3746549.555	454.55
LOCATION	L0000742	VOLUME	476789.580	3746549.459	454.62
LOCATION	L0000743	VOLUME	476780.990	3746549.364	454.70
LOCATION	L0000744	VOLUME	476772.401	3746549.269	454.78
LOCATION	L0000745	VOLUME	476763.811	3746549.174	454.86
LOCATION	L0000746	VOLUME	476755.222	3746549.079	454.94
LOCATION	L0000747	VOLUME	476746.632	3746548.984	455.02
LOCATION	L0000748	VOLUME	476738.043	3746548.889	455.10
LOCATION	L0000749	VOLUME	476729.453	3746548.794	455.18
LOCATION	L0000750	VOLUME	476720.864	3746548.699	455.25
LOCATION	L0000751	VOLUME	476712.274	3746548.604	455.33
LOCATION	L0000752	VOLUME	476703.685	3746548.509	455.41
LOCATION	L0000753	VOLUME	476695.095	3746548.413	455.49
LOCATION	L0000754	VOLUME	476686.532	3746548.875	455.57
LOCATION	L0000755	VOLUME	476678.002	3746549.890	455.63
LOCATION	L0000756	VOLUME	476669.472	3746550.904	455.69
LOCATION	L0000757	VOLUME	476660.943	3746551.919	455.75
LOCATION	L0000758	VOLUME	476652.413	3746552.933	455.80
LOCATION	L0000759	VOLUME	476643.883	3746553.948	455.84
LOCATION	L0000760	VOLUME	476635.353	3746554.962	455.89
LOCATION	L0000761	VOLUME	476627.167	3746557.401	455.97
LOCATION	L0000762	VOLUME	476619.113	3746560.389	456.08
LOCATION	L0000763	VOLUME	476611.059	3746563.376	456.18
LOCATION	L0000764	VOLUME	476603.006	3746566.364	456.27
LOCATION	L0000765	VOLUME	476594.952	3746569.351	456.35
LOCATION	L0000766	VOLUME	476586.898	3746572.339	456.41
LOCATION	L0000767	VOLUME	476578.844	3746575.326	456.45
LOCATION	L0000768	VOLUME	476570.791	3746578.314	456.51
LOCATION	L0000769	VOLUME	476564.080	3746583.394	456.53
LOCATION	L0000770	VOLUME	476558.012	3746589.473	456.58
LOCATION	L0000771	VOLUME	476551.943	3746595.553	456.66
LOCATION	L0000772	VOLUME	476545.874	3746601.632	456.74
LOCATION	L0000773	VOLUME	476539.805	3746607.711	456.79
LOCATION	L0000774	VOLUME	476533.737	3746613.791	456.79
LOCATION	L0000775	VOLUME	476527.668	3746619.870	456.82
LOCATION	L0000776	VOLUME	476523.803	3746627.229	456.91
LOCATION	L0000777	VOLUME	476521.535	3746635.514	456.97
LOCATION	L0000778	VOLUME	476519.266	3746643.799	457.00
LOCATION	L0000779	VOLUME	476515.821	3746651.636	457.04
LOCATION	L0000780	VOLUME	476512.010	3746659.334	457.08
LOCATION	L0000781	VOLUME	476508.198	3746667.032	457.13
LOCATION	L0000782	VOLUME	476504.386	3746674.730	457.17
LOCATION	L0000783	VOLUME	476500.574	3746682.428	457.23
LOCATION	L0000784	VOLUME	476497.747	3746690.531	457.28
LOCATION	L0000785	VOLUME	476495.040	3746698.683	457.34
LOCATION	L0000786	VOLUME	476492.332	3746706.835	457.39

LOCATION	L0000787	VOLUME	476489.625	3746714.988	457.44
LOCATION	L0000788	VOLUME	476486.918	3746723.140	457.50
LOCATION	L0000789	VOLUME	476484.211	3746731.292	457.57
LOCATION	L0000790	VOLUME	476481.504	3746739.444	457.65
LOCATION	L0000791	VOLUME	476478.797	3746747.597	457.69
LOCATION	L0000792	VOLUME	476476.090	3746755.749	457.72
LOCATION	L0000793	VOLUME	476473.753	3746764.010	457.72
LOCATION	L0000794	VOLUME	476471.613	3746772.329	457.71
LOCATION	L0000795	VOLUME	476469.472	3746780.648	457.68
LOCATION	L0000796	VOLUME	476467.331	3746788.967	457.67
LOCATION	L0000797	VOLUME	476465.190	3746797.286	457.69
LOCATION	L0000798	VOLUME	476463.049	3746805.605	457.70
LOCATION	L0000799	VOLUME	476460.908	3746813.924	457.72
LOCATION	L0000800	VOLUME	476458.768	3746822.243	457.75
LOCATION	L0000801	VOLUME	476456.627	3746830.562	457.81
LOCATION	L0000802	VOLUME	476454.013	3746838.674	457.76
LOCATION	L0000803	VOLUME	476449.359	3746845.894	457.71
LOCATION	L0000804	VOLUME	476444.705	3746853.114	457.69
LOCATION	L0000805	VOLUME	476440.051	3746860.334	457.75
LOCATION	L0000806	VOLUME	476435.397	3746867.554	457.81
LOCATION	L0000807	VOLUME	476430.743	3746874.774	457.80
LOCATION	L0000808	VOLUME	476426.089	3746881.994	457.77
LOCATION	L0000809	VOLUME	476420.510	3746888.428	457.75
LOCATION	L0000810	VOLUME	476414.132	3746894.181	457.89
LOCATION	L0000811	VOLUME	476407.753	3746899.934	457.98
LOCATION	L0000812	VOLUME	476401.374	3746905.688	458.03
LOCATION	L0000813	VOLUME	476394.995	3746911.441	457.97
LOCATION	L0000814	VOLUME	476388.617	3746917.194	457.98
LOCATION	L0000815	VOLUME	476382.182	3746922.876	458.09
LOCATION	L0000816	VOLUME	476375.101	3746927.740	458.23
LOCATION	L0000817	VOLUME	476367.372	3746931.487	458.27
LOCATION	L0000818	VOLUME	476359.642	3746935.233	458.30
LOCATION	L0000819	VOLUME	476351.912	3746938.979	458.33
LOCATION	L0000820	VOLUME	476344.181	3746942.725	458.32
LOCATION	L0000821	VOLUME	476336.451	3746946.471	458.32
LOCATION	L0000822	VOLUME	476328.500	3746949.517	458.36
LOCATION	L0000823	VOLUME	476320.021	3746950.896	458.42
LOCATION	L0000824	VOLUME	476311.543	3746952.275	458.47
LOCATION	L0000825	VOLUME	476303.064	3746953.654	458.52
LOCATION	L0000826	VOLUME	476294.585	3746955.033	458.59
LOCATION	L0000827	VOLUME	476286.107	3746956.412	458.64
LOCATION	L0000828	VOLUME	476277.628	3746957.791	458.68
LOCATION	L0000829	VOLUME	476269.150	3746959.170	458.76
LOCATION	L0000830	VOLUME	476260.736	3746957.656	458.97
LOCATION	L0000831	VOLUME	476252.327	3746955.899	459.18
LOCATION	L0000832	VOLUME	476243.919	3746954.142	459.37
LOCATION	L0000833	VOLUME	476235.451	3746952.764	459.54
LOCATION	L0000834	VOLUME	476226.909	3746951.854	459.71
LOCATION	L0000835	VOLUME	476218.361	3746951.054	459.87
LOCATION	L0000836	VOLUME	476209.772	3746950.948	460.01

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   LOCATION L0000837     VOLUME   476201.182 3746950.841 460.15
   LOCATION L0000838     VOLUME   476192.593 3746950.734 460.33
   LOCATION L0000839     VOLUME   476184.004 3746950.627 460.63
   LOCATION L0000840     VOLUME   476175.414 3746950.521 460.93
   LOCATION L0000841     VOLUME   476166.825 3746950.414 461.25
   LOCATION L0000842     VOLUME   476158.236 3746950.307 461.61
   LOCATION L0000843     VOLUME   476149.646 3746950.200 461.97
   LOCATION L0000844     VOLUME   476141.057 3746950.094 462.34
   LOCATION L0000845     VOLUME   476132.468 3746949.987 462.74
   LOCATION L0000846     VOLUME   476123.878 3746949.880 463.14
   LOCATION L0000847     VOLUME   476115.289 3746949.773 463.54
   LOCATION L0000848     VOLUME   476106.700 3746949.667 463.96
   LOCATION L0000849     VOLUME   476098.110 3746949.560 464.38
   LOCATION L0000850     VOLUME   476089.521 3746949.453 464.80
   LOCATION L0000851     VOLUME   476080.932 3746949.346 465.22
   LOCATION L0000852     VOLUME   476072.342 3746949.240 465.64
   LOCATION L0000853     VOLUME   476063.753 3746949.133 466.14
   LOCATION L0000854     VOLUME   476055.164 3746949.026 466.78
   LOCATION L0000855     VOLUME   476046.574 3746948.919 467.42
   LOCATION L0000856     VOLUME   476037.985 3746948.812 467.83
   LOCATION L0000857     VOLUME   476029.396 3746948.706 467.77
** End of LINE VOLUME Source ID = SLINE2
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Drive Aisle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001733
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 8
** 478275.230, 3746523.711, 448.57, 3.49, 4.00
** 478229.815, 3746523.497, 447.57, 3.49, 4.00
** 478190.429, 3746523.896, 447.58, 3.49, 4.00
** 478112.224, 3746523.167, 447.83, 3.49, 4.00
** 477741.749, 3746523.504, 448.46, 3.49, 4.00
** 477713.278, 3746492.001, 448.34, 3.49, 4.00
** 477712.773, 3746457.285, 448.25, 3.49, 4.00
** 477711.847, 3746381.136, 448.14, 3.49, 4.00
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   LOCATION L0000858     VOLUME   478270.935 3746523.691 448.27
   LOCATION L0000859     VOLUME   478262.345 3746523.650 447.95
   LOCATION L0000860     VOLUME   478253.756 3746523.610 447.63
   LOCATION L0000861     VOLUME   478245.166 3746523.569 447.45
   LOCATION L0000862     VOLUME   478236.576 3746523.529 447.41
   LOCATION L0000863     VOLUME   478227.986 3746523.515 447.37
   LOCATION L0000864     VOLUME   478219.396 3746523.602 447.35
   LOCATION L0000865     VOLUME   478210.807 3746523.690 447.36
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LOCATION	L0000866	VOLUME	478202.217	3746523.777	447.37
LOCATION	L0000867	VOLUME	478193.628	3746523.864	447.38
LOCATION	L0000868	VOLUME	478185.038	3746523.846	447.40
LOCATION	L0000869	VOLUME	478176.448	3746523.766	447.43
LOCATION	L0000870	VOLUME	478167.859	3746523.686	447.46
LOCATION	L0000871	VOLUME	478159.269	3746523.606	447.49
LOCATION	L0000872	VOLUME	478150.680	3746523.526	447.52
LOCATION	L0000873	VOLUME	478142.090	3746523.446	447.55
LOCATION	L0000874	VOLUME	478133.500	3746523.366	447.59
LOCATION	L0000875	VOLUME	478124.911	3746523.285	447.62
LOCATION	L0000876	VOLUME	478116.321	3746523.205	447.66
LOCATION	L0000877	VOLUME	478107.731	3746523.171	447.69
LOCATION	L0000878	VOLUME	478099.141	3746523.179	447.72
LOCATION	L0000879	VOLUME	478090.551	3746523.187	447.76
LOCATION	L0000880	VOLUME	478081.961	3746523.195	447.81
LOCATION	L0000881	VOLUME	478073.371	3746523.202	447.85
LOCATION	L0000882	VOLUME	478064.781	3746523.210	447.88
LOCATION	L0000883	VOLUME	478056.191	3746523.218	447.88
LOCATION	L0000884	VOLUME	478047.601	3746523.226	447.89
LOCATION	L0000885	VOLUME	478039.011	3746523.234	447.89
LOCATION	L0000886	VOLUME	478030.421	3746523.242	447.89
LOCATION	L0000887	VOLUME	478021.831	3746523.249	447.89
LOCATION	L0000888	VOLUME	478013.241	3746523.257	447.88
LOCATION	L0000889	VOLUME	478004.651	3746523.265	447.88
LOCATION	L0000890	VOLUME	477996.061	3746523.273	447.87
LOCATION	L0000891	VOLUME	477987.471	3746523.281	447.88
LOCATION	L0000892	VOLUME	477978.881	3746523.288	447.91
LOCATION	L0000893	VOLUME	477970.291	3746523.296	447.93
LOCATION	L0000894	VOLUME	477961.701	3746523.304	447.97
LOCATION	L0000895	VOLUME	477953.111	3746523.312	448.01
LOCATION	L0000896	VOLUME	477944.521	3746523.320	448.05
LOCATION	L0000897	VOLUME	477935.931	3746523.328	448.09
LOCATION	L0000898	VOLUME	477927.341	3746523.335	448.12
LOCATION	L0000899	VOLUME	477918.751	3746523.343	448.15
LOCATION	L0000900	VOLUME	477910.161	3746523.351	448.16
LOCATION	L0000901	VOLUME	477901.571	3746523.359	448.15
LOCATION	L0000902	VOLUME	477892.981	3746523.367	448.15
LOCATION	L0000903	VOLUME	477884.391	3746523.374	448.15
LOCATION	L0000904	VOLUME	477875.801	3746523.382	448.15
LOCATION	L0000905	VOLUME	477867.211	3746523.390	448.14
LOCATION	L0000906	VOLUME	477858.621	3746523.398	448.14
LOCATION	L0000907	VOLUME	477850.031	3746523.406	448.15
LOCATION	L0000908	VOLUME	477841.441	3746523.414	448.16
LOCATION	L0000909	VOLUME	477832.851	3746523.421	448.16
LOCATION	L0000910	VOLUME	477824.261	3746523.429	448.17
LOCATION	L0000911	VOLUME	477815.671	3746523.437	448.17
LOCATION	L0000912	VOLUME	477807.081	3746523.445	448.18
LOCATION	L0000913	VOLUME	477798.491	3746523.453	448.19
LOCATION	L0000914	VOLUME	477789.901	3746523.460	448.20
LOCATION	L0000915	VOLUME	477781.311	3746523.468	448.23

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   LOCATION L0000916     VOLUME   477772.721 3746523.476 448.26
   LOCATION L0000917     VOLUME   477764.131 3746523.484 448.29
   LOCATION L0000918     VOLUME   477755.541 3746523.492 448.31
   LOCATION L0000919     VOLUME   477746.951 3746523.499 448.33
   LOCATION L0000920     VOLUME   477739.478 3746520.991 448.45
   LOCATION L0000921     VOLUME   477733.718 3746514.618 448.44
   LOCATION L0000922     VOLUME   477727.958 3746508.245 448.42
   LOCATION L0000923     VOLUME   477722.199 3746501.872 448.39
   LOCATION L0000924     VOLUME   477716.439 3746495.499 448.36
   LOCATION L0000925     VOLUME   477713.221 3746488.126 448.34
   LOCATION L0000926     VOLUME   477713.096 3746479.537 448.31
   LOCATION L0000927     VOLUME   477712.971 3746470.948 448.28
   LOCATION L0000928     VOLUME   477712.846 3746462.359 448.26
   LOCATION L0000929     VOLUME   477712.730 3746453.770 448.23
   LOCATION L0000930     VOLUME   477712.625 3746445.181 448.21
   LOCATION L0000931     VOLUME   477712.521 3746436.591 448.19
   LOCATION L0000932     VOLUME   477712.417 3746428.002 448.17
   LOCATION L0000933     VOLUME   477712.312 3746419.412 448.16
   LOCATION L0000934     VOLUME   477712.208 3746410.823 448.15
   LOCATION L0000935     VOLUME   477712.103 3746402.234 448.14
   LOCATION L0000936     VOLUME   477711.999 3746393.644 448.13
   LOCATION L0000937     VOLUME   477711.894 3746385.055 448.13
** End of LINE VOLUME Source ID = SLINE3
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Loading Area
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00005171
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 478188.852, 3746503.881, 447.58, 3.49, 4.00
** 477746.190, 3746503.966, 448.41, 3.49, 4.00
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   LOCATION L0000940     VOLUME   478167.377 3746503.885 447.65
   LOCATION L0000941     VOLUME   478158.787 3746503.887 447.68
   LOCATION L0000942     VOLUME   478150.197 3746503.888 447.71
   LOCATION L0000943     VOLUME   478141.607 3746503.890 447.74
   LOCATION L0000944     VOLUME   478133.017 3746503.892 447.76
   LOCATION L0000945     VOLUME   478124.427 3746503.893 447.79
   LOCATION L0000946     VOLUME   478115.837 3746503.895 447.82
   LOCATION L0000947     VOLUME   478107.247 3746503.897 447.86
   LOCATION L0000948     VOLUME   478098.657 3746503.898 447.89
   LOCATION L0000949     VOLUME   478090.067 3746503.900 447.92
   LOCATION L0000950     VOLUME   478081.477 3746503.902 447.96
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   LOCATION L0000952     VOLUME   478064.297 3746503.905 448.02
   LOCATION L0000953     VOLUME   478055.707 3746503.906 448.02
   LOCATION L0000954     VOLUME   478047.117 3746503.908 448.03
   LOCATION L0000955     VOLUME   478038.527 3746503.910 448.02
   LOCATION L0000956     VOLUME   478029.937 3746503.911 448.02
   LOCATION L0000957     VOLUME   478021.347 3746503.913 448.01
   LOCATION L0000958     VOLUME   478012.757 3746503.915 448.00
   LOCATION L0000959     VOLUME   478004.167 3746503.916 448.00
   LOCATION L0000960     VOLUME   477995.577 3746503.918 447.99
   LOCATION L0000961     VOLUME   477986.987 3746503.920 448.01
   LOCATION L0000962     VOLUME   477978.397 3746503.921 448.05
   LOCATION L0000963     VOLUME   477969.807 3746503.923 448.08
   LOCATION L0000964     VOLUME   477961.217 3746503.925 448.13
   LOCATION L0000965     VOLUME   477952.627 3746503.926 448.18
   LOCATION L0000966     VOLUME   477944.037 3746503.928 448.23
   LOCATION L0000967     VOLUME   477935.447 3746503.930 448.26
   LOCATION L0000968     VOLUME   477926.857 3746503.931 448.28
   LOCATION L0000969     VOLUME   477918.267 3746503.933 448.31
   LOCATION L0000970     VOLUME   477909.677 3746503.935 448.31
   LOCATION L0000971     VOLUME   477901.087 3746503.936 448.30
   LOCATION L0000972     VOLUME   477892.497 3746503.938 448.30
   LOCATION L0000973     VOLUME   477883.907 3746503.940 448.28
   LOCATION L0000974     VOLUME   477875.317 3746503.941 448.27
   LOCATION L0000975     VOLUME   477866.727 3746503.943 448.25
   LOCATION L0000976     VOLUME   477858.137 3746503.945 448.25
   LOCATION L0000977     VOLUME   477849.547 3746503.946 448.25
   LOCATION L0000978     VOLUME   477840.957 3746503.948 448.25
   LOCATION L0000979     VOLUME   477832.367 3746503.949 448.25
   LOCATION L0000980     VOLUME   477823.777 3746503.951 448.25
   LOCATION L0000981     VOLUME   477815.187 3746503.953 448.25
   LOCATION L0000982     VOLUME   477806.597 3746503.954 448.25
   LOCATION L0000983     VOLUME   477798.007 3746503.956 448.27
   LOCATION L0000984     VOLUME   477789.417 3746503.958 448.28
   LOCATION L0000985     VOLUME   477780.827 3746503.959 448.30
   LOCATION L0000986     VOLUME   477772.237 3746503.961 448.33
   LOCATION L0000987     VOLUME   477763.647 3746503.963 448.36
   LOCATION L0000988     VOLUME   477755.057 3746503.964 448.38
   LOCATION L0000989     VOLUME   477746.467 3746503.966 448.39
** End of LINE VOLUME Source ID = SLINE4
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
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SRCPARAM L0000832	0.00000008122	3.49	4.00	3.25
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SRCPARAM L0000834	0.00000008122	3.49	4.00	3.25
SRCPARAM L0000835	0.00000008122	3.49	4.00	3.25
SRCPARAM L0000836	0.00000008122	3.49	4.00	3.25
SRCPARAM L0000837	0.00000008122	3.49	4.00	3.25
SRCPARAM L0000838	0.00000008122	3.49	4.00	3.25
SRCPARAM L0000839	0.00000008122	3.49	4.00	3.25
SRCPARAM L0000840	0.00000008122	3.49	4.00	3.25
SRCPARAM L0000841	0.00000008122	3.49	4.00	3.25
SRCPARAM L0000842	0.00000008122	3.49	4.00	3.25
SRCPARAM L0000843	0.00000008122	3.49	4.00	3.25
SRCPARAM L0000844	0.00000008122	3.49	4.00	3.25
SRCPARAM L0000845	0.00000008122	3.49	4.00	3.25
SRCPARAM L0000846	0.00000008122	3.49	4.00	3.25
SRCPARAM L0000847	0.00000008122	3.49	4.00	3.25
SRCPARAM L0000848	0.00000008122	3.49	4.00	3.25
SRCPARAM L0000849	0.00000008122	3.49	4.00	3.25

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   SRCPARAM L0000850     0.00000008122      3.49      4.00      3.25
   SRCPARAM L0000851     0.00000008122      3.49      4.00      3.25
   SRCPARAM L0000852     0.00000008122      3.49      4.00      3.25
   SRCPARAM L0000853     0.00000008122      3.49      4.00      3.25
   SRCPARAM L0000854     0.00000008122      3.49      4.00      3.25
   SRCPARAM L0000855     0.00000008122      3.49      4.00      3.25
   SRCPARAM L0000856     0.00000008122      3.49      4.00      3.25
   SRCPARAM L0000857     0.00000008122      3.49      4.00      3.25
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0000858     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000859     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000860     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000861     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000862     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000863     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000864     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000865     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000866     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000867     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000868     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000869     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000870     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000871     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000872     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000873     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000874     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000875     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000876     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000877     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000878     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000879     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000880     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000881     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000882     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000883     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000884     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000885     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000886     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000887     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000888     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000889     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000890     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000891     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000892     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000893     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000894     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000895     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000896     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000897     0.0000002166      3.49      4.00      3.25
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   SRCPARAM L0000898     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000899     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000900     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000901     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000902     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000903     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000904     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000905     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000906     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000907     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000908     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000909     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000910     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000911     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000912     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000913     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000914     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000915     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000916     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000917     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000918     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000919     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000920     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000921     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000922     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000923     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000924     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000925     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000926     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000927     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000928     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000929     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000930     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000931     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000932     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000933     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000934     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000935     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000936     0.0000002166      3.49      4.00      3.25
   SRCPARAM L0000937     0.0000002166      3.49      4.00      3.25
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0000938     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000939     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000940     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000941     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000942     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000943     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000944     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000945     0.0000009944      3.49      4.00      3.25
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   SRCPARAM L0000946     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000947     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000948     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000949     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000950     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000951     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000952     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000953     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000954     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000955     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000956     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000957     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000958     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000959     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000960     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000961     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000962     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000963     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000964     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000965     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000966     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000967     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000968     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000969     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000970     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000971     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000972     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000973     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000974     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000975     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000976     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000977     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000978     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000979     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000980     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000981     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000982     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000983     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000984     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000985     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000986     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000987     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000988     0.0000009944      3.49      4.00      3.25
   SRCPARAM L0000989     0.0000009944      3.49      4.00      3.25
** ----------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
****************************************
```

```
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED ProjAB1.rou
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE "..\..\..\Desktop\_HRA_MET and TOPO data\peri_sfc_pfl\PERI_V11_trimmed.sfc"
   PROFFILE "..\..\..\Desktop\_HRA_MET and TOPO data\peri_sfc_pfl\PERI_V11_trimmed.pfl"
   SURFDATA 3171 2016
   UAIRDATA 3190 2016
   SITEDATA 60656001 2016
   PROFBASE 442.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL ProjAB1.AD\PE00GALL.PLT 31
   SUMMFILE ProjAB1.sum
OU FINISHED


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

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

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


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


    ********   WARNING MESSAGES   ********
 ME W186    1071       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used           0.50
 ME W187    1071       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
```

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

```
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       ***     MODEL SETUP OPTIONS SUMMARY       ***
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

** Model Options Selected:
     * Model Uses Regulatory DEFAULT Options
     * Model Is Setup For Calculation of Average CONCentration Values.
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE  =  F
     * Model Uses NO WET DEPLETION. WETDPLT  =  F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses URBAN Dispersion Algorithm for the SBL for   446 Source(s),
       for Total of    1 Urban Area(s):
  Urban Population =   2492442.0 ;  Urban Roughness Length =  1.000 m
     * Urban Roughness Length of 1.0 Meter Used.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * CCVR_Sub - Meteorological data includes CCVR substitutions
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Assumes No FLAGPOLE Receptor Heights.
     * The User Specified a Pollutant Type of: DPM

**Model Calculates PERIOD Averages Only

**This Run Includes:    446 Source(s);       1 Source Group(s); and     766 Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:    446 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


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

**The AERMET Input Meteorological Data Version Date:  22112

**Output Options Selected:
```

```
         Model Outputs Tables of PERIOD 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) =   442.00 ;  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.

**Input Runstream File:          aermod.inp
**Output Print File:             aermod.out

**Detailed Error/Message File:   ProjAB1.err
**File for Summary of Results:   ProjAB1.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000544	0	0.13640E-06	478282.1	3746515.1	448.4	3.49	4.00	3.25	YES		NO
L0000545	0	0.13640E-06	478282.2	3746506.5	448.4	3.49	4.00	3.25	YES		NO
L0000546	0	0.13640E-06	478282.2	3746497.9	448.3	3.49	4.00	3.25	YES		NO
L0000547	0	0.13640E-06	478282.3	3746489.3	448.3	3.49	4.00	3.25	YES		NO
L0000548	0	0.13640E-06	478282.4	3746480.8	448.2	3.49	4.00	3.25	YES		NO
L0000549	0	0.13640E-06	478282.4	3746472.2	448.1	3.49	4.00	3.25	YES		NO
L0000550	0	0.13640E-06	478282.5	3746463.6	448.0	3.49	4.00	3.25	YES		NO
L0000551	0	0.13640E-06	478282.5	3746455.0	447.9	3.49	4.00	3.25	YES		NO
L0000552	0	0.13640E-06	478282.6	3746446.4	447.9	3.49	4.00	3.25	YES		NO
L0000553	0	0.13640E-06	478282.7	3746437.8	447.8	3.49	4.00	3.25	YES		NO
L0000554	0	0.13640E-06	478282.7	3746429.2	447.7	3.49	4.00	3.25	YES		NO
L0000555	0	0.13640E-06	478282.8	3746420.6	447.6	3.49	4.00	3.25	YES		NO
L0000556	0	0.13640E-06	478282.8	3746412.0	447.5	3.49	4.00	3.25	YES		NO
L0000557	0	0.13640E-06	478282.9	3746403.5	447.4	3.49	4.00	3.25	YES		NO
L0000558	0	0.13640E-06	478282.9	3746394.9	447.3	3.49	4.00	3.25	YES		NO
L0000559	0	0.13640E-06	478283.0	3746386.3	447.2	3.49	4.00	3.25	YES		NO
L0000560	0	0.13640E-06	478283.1	3746377.7	447.1	3.49	4.00	3.25	YES		NO
L0000561	0	0.13640E-06	478283.1	3746369.1	447.0	3.49	4.00	3.25	YES		NO
L0000562	0	0.81220E-07	478277.1	3746366.6	447.0	3.49	4.00	3.25	YES		NO
L0000563	0	0.81220E-07	478268.6	3746366.6	447.0	3.49	4.00	3.25	YES		NO
L0000564	0	0.81220E-07	478260.0	3746366.6	447.0	3.49	4.00	3.25	YES		NO
L0000565	0	0.81220E-07	478251.4	3746366.5	447.0	3.49	4.00	3.25	YES		NO
L0000566	0	0.81220E-07	478242.8	3746366.5	447.1	3.49	4.00	3.25	YES		NO
L0000567	0	0.81220E-07	478234.2	3746366.5	447.1	3.49	4.00	3.25	YES		NO
L0000568	0	0.81220E-07	478225.6	3746366.5	447.2	3.49	4.00	3.25	YES		NO
L0000569	0	0.81220E-07	478217.0	3746366.5	447.2	3.49	4.00	3.25	YES		NO
L0000570	0	0.81220E-07	478208.4	3746366.4	447.2	3.49	4.00	3.25	YES		NO
L0000571	0	0.81220E-07	478199.8	3746366.4	447.2	3.49	4.00	3.25	YES		NO
L0000572	0	0.81220E-07	478191.2	3746366.4	447.2	3.49	4.00	3.25	YES		NO
L0000573	0	0.81220E-07	478182.7	3746366.4	447.3	3.49	4.00	3.25	YES		NO
L0000574	0	0.81220E-07	478174.1	3746366.4	447.3	3.49	4.00	3.25	YES		NO
L0000575	0	0.81220E-07	478165.5	3746366.3	447.3	3.49	4.00	3.25	YES		NO
L0000576	0	0.81220E-07	478156.9	3746366.3	447.3	3.49	4.00	3.25	YES		NO
L0000577	0	0.81220E-07	478148.3	3746366.3	447.4	3.49	4.00	3.25	YES		NO
L0000578	0	0.81220E-07	478139.7	3746366.3	447.4	3.49	4.00	3.25	YES		NO
L0000579	0	0.81220E-07	478131.1	3746366.3	447.4	3.49	4.00	3.25	YES		NO
L0000580	0	0.81220E-07	478122.5	3746366.2	447.4	3.49	4.00	3.25	YES		NO
L0000581	0	0.81220E-07	478113.9	3746366.2	447.4	3.49	4.00	3.25	YES		NO
L0000582	0	0.81220E-07	478105.3	3746366.2	447.4	3.49	4.00	3.25	YES		NO
L0000583	0	0.81220E-07	478096.8	3746366.2	447.5	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000584	0	0.81220E-07	478088.2	3746366.2	447.5	3.49	4.00	3.25	YES		NO
L0000585	0	0.81220E-07	478079.6	3746366.1	447.5	3.49	4.00	3.25	YES		NO
L0000586	0	0.81220E-07	478071.0	3746366.1	447.5	3.49	4.00	3.25	YES		NO
L0000587	0	0.81220E-07	478062.4	3746366.1	447.5	3.49	4.00	3.25	YES		NO
L0000588	0	0.81220E-07	478053.8	3746366.1	447.5	3.49	4.00	3.25	YES		NO
L0000589	0	0.81220E-07	478045.2	3746366.1	447.5	3.49	4.00	3.25	YES		NO
L0000590	0	0.81220E-07	478036.6	3746366.0	447.5	3.49	4.00	3.25	YES		NO
L0000591	0	0.81220E-07	478028.0	3746366.0	447.5	3.49	4.00	3.25	YES		NO
L0000592	0	0.81220E-07	478019.4	3746366.0	447.5	3.49	4.00	3.25	YES		NO
L0000593	0	0.81220E-07	478010.9	3746366.0	447.5	3.49	4.00	3.25	YES		NO
L0000594	0	0.81220E-07	478002.3	3746365.9	447.6	3.49	4.00	3.25	YES		NO
L0000595	0	0.81220E-07	477993.7	3746365.9	447.6	3.49	4.00	3.25	YES		NO
L0000596	0	0.81220E-07	477985.1	3746365.9	447.6	3.49	4.00	3.25	YES		NO
L0000597	0	0.81220E-07	477976.5	3746365.9	447.7	3.49	4.00	3.25	YES		NO
L0000598	0	0.81220E-07	477967.9	3746365.9	447.7	3.49	4.00	3.25	YES		NO
L0000599	0	0.81220E-07	477959.3	3746365.8	447.8	3.49	4.00	3.25	YES		NO
L0000600	0	0.81220E-07	477950.7	3746365.8	447.8	3.49	4.00	3.25	YES		NO
L0000601	0	0.81220E-07	477942.1	3746365.8	447.8	3.49	4.00	3.25	YES		NO
L0000602	0	0.81220E-07	477933.5	3746365.8	447.8	3.49	4.00	3.25	YES		NO
L0000603	0	0.81220E-07	477925.0	3746365.8	447.9	3.49	4.00	3.25	YES		NO
L0000604	0	0.81220E-07	477916.4	3746365.7	447.9	3.49	4.00	3.25	YES		NO
L0000605	0	0.81220E-07	477907.8	3746365.7	447.9	3.49	4.00	3.25	YES		NO
L0000606	0	0.81220E-07	477899.2	3746365.7	447.9	3.49	4.00	3.25	YES		NO
L0000607	0	0.81220E-07	477890.6	3746365.7	447.9	3.49	4.00	3.25	YES		NO
L0000608	0	0.81220E-07	477882.0	3746365.7	447.9	3.49	4.00	3.25	YES		NO
L0000609	0	0.81220E-07	477873.4	3746365.6	447.9	3.49	4.00	3.25	YES		NO
L0000610	0	0.81220E-07	477864.8	3746365.6	447.8	3.49	4.00	3.25	YES		NO
L0000611	0	0.81220E-07	477856.2	3746365.6	447.8	3.49	4.00	3.25	YES		NO
L0000612	0	0.81220E-07	477847.6	3746365.6	447.8	3.49	4.00	3.25	YES		NO
L0000613	0	0.81220E-07	477839.1	3746365.6	447.8	3.49	4.00	3.25	YES		NO
L0000614	0	0.81220E-07	477830.5	3746365.5	447.9	3.49	4.00	3.25	YES		NO
L0000615	0	0.81220E-07	477821.9	3746365.5	447.9	3.49	4.00	3.25	YES		NO
L0000616	0	0.81220E-07	477813.3	3746365.5	447.9	3.49	4.00	3.25	YES		NO
L0000617	0	0.81220E-07	477804.7	3746365.5	447.9	3.49	4.00	3.25	YES		NO
L0000618	0	0.81220E-07	477796.1	3746365.5	447.9	3.49	4.00	3.25	YES		NO
L0000619	0	0.81220E-07	477787.5	3746365.4	447.9	3.49	4.00	3.25	YES		NO
L0000620	0	0.81220E-07	477778.9	3746365.4	448.0	3.49	4.00	3.25	YES		NO
L0000621	0	0.81220E-07	477770.3	3746365.4	448.0	3.49	4.00	3.25	YES		NO
L0000622	0	0.81220E-07	477761.7	3746365.4	448.0	3.49	4.00	3.25	YES		NO
L0000623	0	0.81220E-07	477753.2	3746365.4	448.0	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000624	0	0.81220E-07	477744.6	3746365.3	448.1	3.49	4.00	3.25	YES		NO
L0000625	0	0.81220E-07	477736.0	3746365.3	448.1	3.49	4.00	3.25	YES		NO
L0000626	0	0.81220E-07	477727.4	3746365.3	448.1	3.49	4.00	3.25	YES		NO
L0000627	0	0.81220E-07	477718.8	3746365.3	448.1	3.49	4.00	3.25	YES		NO
L0000628	0	0.81220E-07	477710.2	3746365.3	448.1	3.49	4.00	3.25	YES		NO
L0000629	0	0.81220E-07	477701.6	3746365.2	448.2	3.49	4.00	3.25	YES		NO
L0000630	0	0.81220E-07	477693.0	3746365.2	448.2	3.49	4.00	3.25	YES		NO
L0000631	0	0.81220E-07	477684.4	3746365.2	448.2	3.49	4.00	3.25	YES		NO
L0000632	0	0.81220E-07	477675.8	3746365.2	448.3	3.49	4.00	3.25	YES		NO
L0000633	0	0.81220E-07	477667.3	3746365.2	448.3	3.49	4.00	3.25	YES		NO
L0000634	0	0.81220E-07	477658.7	3746365.1	448.3	3.49	4.00	3.25	YES		NO
L0000635	0	0.81220E-07	477650.1	3746365.1	448.4	3.49	4.00	3.25	YES		NO
L0000636	0	0.81220E-07	477641.5	3746365.1	448.4	3.49	4.00	3.25	YES		NO
L0000637	0	0.81220E-07	477632.9	3746365.1	448.4	3.49	4.00	3.25	YES		NO
L0000638	0	0.81220E-07	477624.3	3746365.1	448.4	3.49	4.00	3.25	YES		NO
L0000639	0	0.81220E-07	477615.7	3746365.0	448.5	3.49	4.00	3.25	YES		NO
L0000640	0	0.81220E-07	477607.1	3746365.0	448.5	3.49	4.00	3.25	YES		NO
L0000641	0	0.81220E-07	477598.5	3746365.0	448.6	3.49	4.00	3.25	YES		NO
L0000642	0	0.81220E-07	477590.0	3746365.0	448.6	3.49	4.00	3.25	YES		NO
L0000643	0	0.81220E-07	477581.4	3746365.1	448.7	3.49	4.00	3.25	YES		NO
L0000644	0	0.81220E-07	477572.8	3746365.2	448.7	3.49	4.00	3.25	YES		NO
L0000645	0	0.81220E-07	477564.2	3746365.4	448.8	3.49	4.00	3.25	YES		NO
L0000646	0	0.81220E-07	477555.6	3746365.5	448.8	3.49	4.00	3.25	YES		NO
L0000647	0	0.81220E-07	477547.0	3746365.6	448.9	3.49	4.00	3.25	YES		NO
L0000648	0	0.81220E-07	477538.7	3746363.4	448.9	3.49	4.00	3.25	YES		NO
L0000649	0	0.81220E-07	477530.2	3746362.5	449.0	3.49	4.00	3.25	YES		NO
L0000650	0	0.81220E-07	477521.8	3746360.9	449.0	3.49	4.00	3.25	YES		NO
L0000651	0	0.81220E-07	477513.3	3746360.0	449.1	3.49	4.00	3.25	YES		NO
L0000652	0	0.81220E-07	477504.9	3746361.9	449.1	3.49	4.00	3.25	YES		NO
L0000653	0	0.81220E-07	477496.6	3746364.2	449.2	3.49	4.00	3.25	YES		NO
L0000654	0	0.81220E-07	477488.9	3746367.7	449.3	3.49	4.00	3.25	YES		NO
L0000655	0	0.81220E-07	477482.2	3746373.0	449.3	3.49	4.00	3.25	YES		NO
L0000656	0	0.81220E-07	477476.5	3746379.3	449.4	3.49	4.00	3.25	YES		NO
L0000657	0	0.81220E-07	477471.5	3746386.2	449.5	3.49	4.00	3.25	YES		NO
L0000658	0	0.81220E-07	477464.7	3746391.1	449.5	3.49	4.00	3.25	YES		NO
L0000659	0	0.81220E-07	477456.6	3746394.0	449.6	3.49	4.00	3.25	YES		NO
L0000660	0	0.81220E-07	477448.2	3746395.2	449.7	3.49	4.00	3.25	YES		NO
L0000661	0	0.81220E-07	477439.6	3746395.6	449.8	3.49	4.00	3.25	YES		NO
L0000662	0	0.81220E-07	477431.0	3746396.1	449.8	3.49	4.00	3.25	YES		NO
L0000663	0	0.81220E-07	477422.4	3746396.6	449.9	3.49	4.00	3.25	YES		NO

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*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000664	0	0.81220E-07	477413.9	3746397.1	449.9	3.49	4.00	3.25	YES		NO
L0000665	0	0.81220E-07	477405.3	3746397.6	449.9	3.49	4.00	3.25	YES		NO
L0000666	0	0.81220E-07	477396.8	3746398.6	449.9	3.49	4.00	3.25	YES		NO
L0000667	0	0.81220E-07	477388.2	3746399.6	449.9	3.49	4.00	3.25	YES		NO
L0000668	0	0.81220E-07	477379.7	3746400.6	449.9	3.49	4.00	3.25	YES		NO
L0000669	0	0.81220E-07	477371.8	3746403.4	449.9	3.49	4.00	3.25	YES		NO
L0000670	0	0.81220E-07	477364.5	3746407.9	449.9	3.49	4.00	3.25	YES		NO
L0000671	0	0.81220E-07	477357.2	3746412.4	450.0	3.49	4.00	3.25	YES		NO
L0000672	0	0.81220E-07	477349.8	3746416.9	450.0	3.49	4.00	3.25	YES		NO
L0000673	0	0.81220E-07	477342.5	3746421.4	450.1	3.49	4.00	3.25	YES		NO
L0000674	0	0.81220E-07	477335.2	3746425.9	450.1	3.49	4.00	3.25	YES		NO
L0000675	0	0.81220E-07	477327.9	3746430.4	450.1	3.49	4.00	3.25	YES		NO
L0000676	0	0.81220E-07	477321.6	3746436.1	450.2	3.49	4.00	3.25	YES		NO
L0000677	0	0.81220E-07	477314.8	3746441.4	450.2	3.49	4.00	3.25	YES		NO
L0000678	0	0.81220E-07	477308.1	3746446.6	450.2	3.49	4.00	3.25	YES		NO
L0000679	0	0.81220E-07	477301.3	3746451.9	450.3	3.49	4.00	3.25	YES		NO
L0000680	0	0.81220E-07	477294.5	3746457.2	450.3	3.49	4.00	3.25	YES		NO
L0000681	0	0.81220E-07	477287.7	3746462.5	450.3	3.49	4.00	3.25	YES		NO
L0000682	0	0.81220E-07	477281.1	3746467.9	450.4	3.49	4.00	3.25	YES		NO
L0000683	0	0.81220E-07	477275.5	3746474.4	450.4	3.49	4.00	3.25	YES		NO
L0000684	0	0.81220E-07	477268.5	3746479.4	450.5	3.49	4.00	3.25	YES		NO
L0000685	0	0.81220E-07	477261.5	3746484.4	450.5	3.49	4.00	3.25	YES		NO
L0000686	0	0.81220E-07	477254.6	3746489.5	450.5	3.49	4.00	3.25	YES		NO
L0000687	0	0.81220E-07	477247.5	3746494.2	450.6	3.49	4.00	3.25	YES		NO
L0000688	0	0.81220E-07	477240.1	3746498.6	450.6	3.49	4.00	3.25	YES		NO
L0000689	0	0.81220E-07	477232.7	3746503.0	450.7	3.49	4.00	3.25	YES		NO
L0000690	0	0.81220E-07	477225.3	3746507.3	450.7	3.49	4.00	3.25	YES		NO
L0000691	0	0.81220E-07	477217.9	3746511.7	450.8	3.49	4.00	3.25	YES		NO
L0000692	0	0.81220E-07	477210.5	3746516.1	450.9	3.49	4.00	3.25	YES		NO
L0000693	0	0.81220E-07	477203.1	3746520.4	450.9	3.49	4.00	3.25	YES		NO
L0000694	0	0.81220E-07	477195.7	3746524.8	451.0	3.49	4.00	3.25	YES		NO
L0000695	0	0.81220E-07	477188.2	3746528.9	451.0	3.49	4.00	3.25	YES		NO
L0000696	0	0.81220E-07	477180.1	3746531.9	451.1	3.49	4.00	3.25	YES		NO
L0000697	0	0.81220E-07	477172.1	3746535.0	451.2	3.49	4.00	3.25	YES		NO
L0000698	0	0.81220E-07	477164.0	3746538.0	451.2	3.49	4.00	3.25	YES		NO
L0000699	0	0.81220E-07	477156.0	3746541.0	451.3	3.49	4.00	3.25	YES		NO
L0000700	0	0.81220E-07	477147.9	3746544.0	451.4	3.49	4.00	3.25	YES		NO
L0000701	0	0.81220E-07	477139.8	3746546.6	451.5	3.49	4.00	3.25	YES		NO
L0000702	0	0.81220E-07	477131.3	3746548.1	451.5	3.49	4.00	3.25	YES		NO
L0000703	0	0.81220E-07	477122.8	3746549.5	451.6	3.49	4.00	3.25	YES		NO

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*** VOLUME SOURCE DATA ***

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L0000704	0	0.81220E-07	477114.4	3746551.0	451.7	3.49	4.00	3.25	YES		NO
L0000705	0	0.81220E-07	477105.9	3746552.4	451.7	3.49	4.00	3.25	YES		NO
L0000706	0	0.81220E-07	477097.4	3746553.9	451.8	3.49	4.00	3.25	YES		NO
L0000707	0	0.81220E-07	477089.0	3746555.3	451.9	3.49	4.00	3.25	YES		NO
L0000708	0	0.81220E-07	477080.5	3746556.8	451.9	3.49	4.00	3.25	YES		NO
L0000709	0	0.81220E-07	477072.0	3746558.2	452.0	3.49	4.00	3.25	YES		NO
L0000710	0	0.81220E-07	477063.6	3746559.6	452.1	3.49	4.00	3.25	YES		NO
L0000711	0	0.81220E-07	477055.2	3746557.6	452.2	3.49	4.00	3.25	YES		NO
L0000712	0	0.81220E-07	477046.9	3746555.7	452.2	3.49	4.00	3.25	YES		NO
L0000713	0	0.81220E-07	477038.5	3746553.7	452.3	3.49	4.00	3.25	YES		NO
L0000714	0	0.81220E-07	477030.1	3746552.1	452.4	3.49	4.00	3.25	YES		NO
L0000715	0	0.81220E-07	477021.5	3746552.0	452.5	3.49	4.00	3.25	YES		NO
L0000716	0	0.81220E-07	477012.9	3746551.9	452.6	3.49	4.00	3.25	YES		NO
L0000717	0	0.81220E-07	477004.3	3746551.8	452.6	3.49	4.00	3.25	YES		NO
L0000718	0	0.81220E-07	476995.7	3746551.7	452.7	3.49	4.00	3.25	YES		NO
L0000719	0	0.81220E-07	476987.1	3746551.6	452.8	3.49	4.00	3.25	YES		NO
L0000720	0	0.81220E-07	476978.5	3746551.6	452.9	3.49	4.00	3.25	YES		NO
L0000721	0	0.81220E-07	476970.0	3746551.5	453.0	3.49	4.00	3.25	YES		NO
L0000722	0	0.81220E-07	476961.4	3746551.4	453.0	3.49	4.00	3.25	YES		NO
L0000723	0	0.81220E-07	476952.8	3746551.3	453.1	3.49	4.00	3.25	YES		NO
L0000724	0	0.81220E-07	476944.2	3746551.2	453.2	3.49	4.00	3.25	YES		NO
L0000725	0	0.81220E-07	476935.6	3746551.1	453.3	3.49	4.00	3.25	YES		NO
L0000726	0	0.81220E-07	476927.0	3746551.0	453.3	3.49	4.00	3.25	YES		NO
L0000727	0	0.81220E-07	476918.4	3746550.9	453.4	3.49	4.00	3.25	YES		NO
L0000728	0	0.81220E-07	476909.8	3746550.8	453.5	3.49	4.00	3.25	YES		NO
L0000729	0	0.81220E-07	476901.2	3746550.7	453.6	3.49	4.00	3.25	YES		NO
L0000730	0	0.81220E-07	476892.7	3746550.6	453.6	3.49	4.00	3.25	YES		NO
L0000731	0	0.81220E-07	476884.1	3746550.5	453.7	3.49	4.00	3.25	YES		NO
L0000732	0	0.81220E-07	476875.5	3746550.4	453.8	3.49	4.00	3.25	YES		NO
L0000733	0	0.81220E-07	476866.9	3746550.3	453.9	3.49	4.00	3.25	YES		NO
L0000734	0	0.81220E-07	476858.3	3746550.2	454.0	3.49	4.00	3.25	YES		NO
L0000735	0	0.81220E-07	476849.7	3746550.1	454.1	3.49	4.00	3.25	YES		NO
L0000736	0	0.81220E-07	476841.1	3746550.0	454.2	3.49	4.00	3.25	YES		NO
L0000737	0	0.81220E-07	476832.5	3746549.9	454.2	3.49	4.00	3.25	YES		NO
L0000738	0	0.81220E-07	476823.9	3746549.8	454.3	3.49	4.00	3.25	YES		NO
L0000739	0	0.81220E-07	476815.3	3746549.7	454.4	3.49	4.00	3.25	YES		NO
L0000740	0	0.81220E-07	476806.8	3746549.6	454.5	3.49	4.00	3.25	YES		NO
L0000741	0	0.81220E-07	476798.2	3746549.6	454.6	3.49	4.00	3.25	YES		NO
L0000742	0	0.81220E-07	476789.6	3746549.5	454.6	3.49	4.00	3.25	YES		NO
L0000743	0	0.81220E-07	476781.0	3746549.4	454.7	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000744	0	0.81220E-07	476772.4	3746549.3	454.8	3.49	4.00	3.25	YES		NO
L0000745	0	0.81220E-07	476763.8	3746549.2	454.9	3.49	4.00	3.25	YES		NO
L0000746	0	0.81220E-07	476755.2	3746549.1	454.9	3.49	4.00	3.25	YES		NO
L0000747	0	0.81220E-07	476746.6	3746549.0	455.0	3.49	4.00	3.25	YES		NO
L0000748	0	0.81220E-07	476738.0	3746548.9	455.1	3.49	4.00	3.25	YES		NO
L0000749	0	0.81220E-07	476729.5	3746548.8	455.2	3.49	4.00	3.25	YES		NO
L0000750	0	0.81220E-07	476720.9	3746548.7	455.2	3.49	4.00	3.25	YES		NO
L0000751	0	0.81220E-07	476712.3	3746548.6	455.3	3.49	4.00	3.25	YES		NO
L0000752	0	0.81220E-07	476703.7	3746548.5	455.4	3.49	4.00	3.25	YES		NO
L0000753	0	0.81220E-07	476695.1	3746548.4	455.5	3.49	4.00	3.25	YES		NO
L0000754	0	0.81220E-07	476686.5	3746548.9	455.6	3.49	4.00	3.25	YES		NO
L0000755	0	0.81220E-07	476678.0	3746549.9	455.6	3.49	4.00	3.25	YES		NO
L0000756	0	0.81220E-07	476669.5	3746550.9	455.7	3.49	4.00	3.25	YES		NO
L0000757	0	0.81220E-07	476660.9	3746551.9	455.8	3.49	4.00	3.25	YES		NO
L0000758	0	0.81220E-07	476652.4	3746552.9	455.8	3.49	4.00	3.25	YES		NO
L0000759	0	0.81220E-07	476643.9	3746553.9	455.8	3.49	4.00	3.25	YES		NO
L0000760	0	0.81220E-07	476635.4	3746555.0	455.9	3.49	4.00	3.25	YES		NO
L0000761	0	0.81220E-07	476627.2	3746557.4	456.0	3.49	4.00	3.25	YES		NO
L0000762	0	0.81220E-07	476619.1	3746560.4	456.1	3.49	4.00	3.25	YES		NO
L0000763	0	0.81220E-07	476611.1	3746563.4	456.2	3.49	4.00	3.25	YES		NO
L0000764	0	0.81220E-07	476603.0	3746566.4	456.3	3.49	4.00	3.25	YES		NO
L0000765	0	0.81220E-07	476595.0	3746569.4	456.4	3.49	4.00	3.25	YES		NO
L0000766	0	0.81220E-07	476586.9	3746572.3	456.4	3.49	4.00	3.25	YES		NO
L0000767	0	0.81220E-07	476578.8	3746575.3	456.4	3.49	4.00	3.25	YES		NO
L0000768	0	0.81220E-07	476570.8	3746578.3	456.5	3.49	4.00	3.25	YES		NO
L0000769	0	0.81220E-07	476564.1	3746583.4	456.5	3.49	4.00	3.25	YES		NO
L0000770	0	0.81220E-07	476558.0	3746589.5	456.6	3.49	4.00	3.25	YES		NO
L0000771	0	0.81220E-07	476551.9	3746595.6	456.7	3.49	4.00	3.25	YES		NO
L0000772	0	0.81220E-07	476545.9	3746601.6	456.7	3.49	4.00	3.25	YES		NO
L0000773	0	0.81220E-07	476539.8	3746607.7	456.8	3.49	4.00	3.25	YES		NO
L0000774	0	0.81220E-07	476533.7	3746613.8	456.8	3.49	4.00	3.25	YES		NO
L0000775	0	0.81220E-07	476527.7	3746619.9	456.8	3.49	4.00	3.25	YES		NO
L0000776	0	0.81220E-07	476523.8	3746627.2	456.9	3.49	4.00	3.25	YES		NO
L0000777	0	0.81220E-07	476521.5	3746635.5	457.0	3.49	4.00	3.25	YES		NO
L0000778	0	0.81220E-07	476519.3	3746643.8	457.0	3.49	4.00	3.25	YES		NO
L0000779	0	0.81220E-07	476515.8	3746651.6	457.0	3.49	4.00	3.25	YES		NO
L0000780	0	0.81220E-07	476512.0	3746659.3	457.1	3.49	4.00	3.25	YES		NO
L0000781	0	0.81220E-07	476508.2	3746667.0	457.1	3.49	4.00	3.25	YES		NO
L0000782	0	0.81220E-07	476504.4	3746674.7	457.2	3.49	4.00	3.25	YES		NO
L0000783	0	0.81220E-07	476500.6	3746682.4	457.2	3.49	4.00	3.25	YES		NO

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*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000784	0	0.81220E-07	476497.7	3746690.5	457.3	3.49	4.00	3.25	YES		NO
L0000785	0	0.81220E-07	476495.0	3746698.7	457.3	3.49	4.00	3.25	YES		NO
L0000786	0	0.81220E-07	476492.3	3746706.8	457.4	3.49	4.00	3.25	YES		NO
L0000787	0	0.81220E-07	476489.6	3746715.0	457.4	3.49	4.00	3.25	YES		NO
L0000788	0	0.81220E-07	476486.9	3746723.1	457.5	3.49	4.00	3.25	YES		NO
L0000789	0	0.81220E-07	476484.2	3746731.3	457.6	3.49	4.00	3.25	YES		NO
L0000790	0	0.81220E-07	476481.5	3746739.4	457.7	3.49	4.00	3.25	YES		NO
L0000791	0	0.81220E-07	476478.8	3746747.6	457.7	3.49	4.00	3.25	YES		NO
L0000792	0	0.81220E-07	476476.1	3746755.7	457.7	3.49	4.00	3.25	YES		NO
L0000793	0	0.81220E-07	476473.8	3746764.0	457.7	3.49	4.00	3.25	YES		NO
L0000794	0	0.81220E-07	476471.6	3746772.3	457.7	3.49	4.00	3.25	YES		NO
L0000795	0	0.81220E-07	476469.5	3746780.6	457.7	3.49	4.00	3.25	YES		NO
L0000796	0	0.81220E-07	476467.3	3746789.0	457.7	3.49	4.00	3.25	YES		NO
L0000797	0	0.81220E-07	476465.2	3746797.3	457.7	3.49	4.00	3.25	YES		NO
L0000798	0	0.81220E-07	476463.0	3746805.6	457.7	3.49	4.00	3.25	YES		NO
L0000799	0	0.81220E-07	476460.9	3746813.9	457.7	3.49	4.00	3.25	YES		NO
L0000800	0	0.81220E-07	476458.8	3746822.2	457.8	3.49	4.00	3.25	YES		NO
L0000801	0	0.81220E-07	476456.6	3746830.6	457.8	3.49	4.00	3.25	YES		NO
L0000802	0	0.81220E-07	476454.0	3746838.7	457.8	3.49	4.00	3.25	YES		NO
L0000803	0	0.81220E-07	476449.4	3746845.9	457.7	3.49	4.00	3.25	YES		NO
L0000804	0	0.81220E-07	476444.7	3746853.1	457.7	3.49	4.00	3.25	YES		NO
L0000805	0	0.81220E-07	476440.1	3746860.3	457.8	3.49	4.00	3.25	YES		NO
L0000806	0	0.81220E-07	476435.4	3746867.6	457.8	3.49	4.00	3.25	YES		NO
L0000807	0	0.81220E-07	476430.7	3746874.8	457.8	3.49	4.00	3.25	YES		NO
L0000808	0	0.81220E-07	476426.1	3746882.0	457.8	3.49	4.00	3.25	YES		NO
L0000809	0	0.81220E-07	476420.5	3746888.4	457.8	3.49	4.00	3.25	YES		NO
L0000810	0	0.81220E-07	476414.1	3746894.2	457.9	3.49	4.00	3.25	YES		NO
L0000811	0	0.81220E-07	476407.8	3746899.9	458.0	3.49	4.00	3.25	YES		NO
L0000812	0	0.81220E-07	476401.4	3746905.7	458.0	3.49	4.00	3.25	YES		NO
L0000813	0	0.81220E-07	476395.0	3746911.4	458.0	3.49	4.00	3.25	YES		NO
L0000814	0	0.81220E-07	476388.6	3746917.2	458.0	3.49	4.00	3.25	YES		NO
L0000815	0	0.81220E-07	476382.2	3746922.9	458.1	3.49	4.00	3.25	YES		NO
L0000816	0	0.81220E-07	476375.1	3746927.7	458.2	3.49	4.00	3.25	YES		NO
L0000817	0	0.81220E-07	476367.4	3746931.5	458.3	3.49	4.00	3.25	YES		NO
L0000818	0	0.81220E-07	476359.6	3746935.2	458.3	3.49	4.00	3.25	YES		NO
L0000819	0	0.81220E-07	476351.9	3746939.0	458.3	3.49	4.00	3.25	YES		NO
L0000820	0	0.81220E-07	476344.2	3746942.7	458.3	3.49	4.00	3.25	YES		NO
L0000821	0	0.81220E-07	476336.5	3746946.5	458.3	3.49	4.00	3.25	YES		NO
L0000822	0	0.81220E-07	476328.5	3746949.5	458.4	3.49	4.00	3.25	YES		NO
L0000823	0	0.81220E-07	476320.0	3746950.9	458.4	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000824	0	0.81220E-07	476311.5	3746952.3	458.5	3.49	4.00	3.25	YES		NO
L0000825	0	0.81220E-07	476303.1	3746953.7	458.5	3.49	4.00	3.25	YES		NO
L0000826	0	0.81220E-07	476294.6	3746955.0	458.6	3.49	4.00	3.25	YES		NO
L0000827	0	0.81220E-07	476286.1	3746956.4	458.6	3.49	4.00	3.25	YES		NO
L0000828	0	0.81220E-07	476277.6	3746957.8	458.7	3.49	4.00	3.25	YES		NO
L0000829	0	0.81220E-07	476269.1	3746959.2	458.8	3.49	4.00	3.25	YES		NO
L0000830	0	0.81220E-07	476260.7	3746957.7	459.0	3.49	4.00	3.25	YES		NO
L0000831	0	0.81220E-07	476252.3	3746955.9	459.2	3.49	4.00	3.25	YES		NO
L0000832	0	0.81220E-07	476243.9	3746954.1	459.4	3.49	4.00	3.25	YES		NO
L0000833	0	0.81220E-07	476235.5	3746952.8	459.5	3.49	4.00	3.25	YES		NO
L0000834	0	0.81220E-07	476226.9	3746951.9	459.7	3.49	4.00	3.25	YES		NO
L0000835	0	0.81220E-07	476218.4	3746951.1	459.9	3.49	4.00	3.25	YES		NO
L0000836	0	0.81220E-07	476209.8	3746950.9	460.0	3.49	4.00	3.25	YES		NO
L0000837	0	0.81220E-07	476201.2	3746950.8	460.2	3.49	4.00	3.25	YES		NO
L0000838	0	0.81220E-07	476192.6	3746950.7	460.3	3.49	4.00	3.25	YES		NO
L0000839	0	0.81220E-07	476184.0	3746950.6	460.6	3.49	4.00	3.25	YES		NO
L0000840	0	0.81220E-07	476175.4	3746950.5	460.9	3.49	4.00	3.25	YES		NO
L0000841	0	0.81220E-07	476166.8	3746950.4	461.2	3.49	4.00	3.25	YES		NO
L0000842	0	0.81220E-07	476158.2	3746950.3	461.6	3.49	4.00	3.25	YES		NO
L0000843	0	0.81220E-07	476149.6	3746950.2	462.0	3.49	4.00	3.25	YES		NO
L0000844	0	0.81220E-07	476141.1	3746950.1	462.3	3.49	4.00	3.25	YES		NO
L0000845	0	0.81220E-07	476132.5	3746950.0	462.7	3.49	4.00	3.25	YES		NO
L0000846	0	0.81220E-07	476123.9	3746949.9	463.1	3.49	4.00	3.25	YES		NO
L0000847	0	0.81220E-07	476115.3	3746949.8	463.5	3.49	4.00	3.25	YES		NO
L0000848	0	0.81220E-07	476106.7	3746949.7	464.0	3.49	4.00	3.25	YES		NO
L0000849	0	0.81220E-07	476098.1	3746949.6	464.4	3.49	4.00	3.25	YES		NO
L0000850	0	0.81220E-07	476089.5	3746949.5	464.8	3.49	4.00	3.25	YES		NO
L0000851	0	0.81220E-07	476080.9	3746949.3	465.2	3.49	4.00	3.25	YES		NO
L0000852	0	0.81220E-07	476072.3	3746949.2	465.6	3.49	4.00	3.25	YES		NO
L0000853	0	0.81220E-07	476063.8	3746949.1	466.1	3.49	4.00	3.25	YES		NO
L0000854	0	0.81220E-07	476055.2	3746949.0	466.8	3.49	4.00	3.25	YES		NO
L0000855	0	0.81220E-07	476046.6	3746948.9	467.4	3.49	4.00	3.25	YES		NO
L0000856	0	0.81220E-07	476038.0	3746948.8	467.8	3.49	4.00	3.25	YES		NO
L0000857	0	0.81220E-07	476029.4	3746948.7	467.8	3.49	4.00	3.25	YES		NO
L0000858	0	0.21660E-06	478270.9	3746523.7	448.3	3.49	4.00	3.25	YES		NO
L0000859	0	0.21660E-06	478262.3	3746523.6	447.9	3.49	4.00	3.25	YES		NO
L0000860	0	0.21660E-06	478253.8	3746523.6	447.6	3.49	4.00	3.25	YES		NO
L0000861	0	0.21660E-06	478245.2	3746523.6	447.4	3.49	4.00	3.25	YES		NO
L0000862	0	0.21660E-06	478236.6	3746523.5	447.4	3.49	4.00	3.25	YES		NO
L0000863	0	0.21660E-06	478228.0	3746523.5	447.4	3.49	4.00	3.25	YES		NO

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L0000864	0	0.21660E-06	478219.4	3746523.6	447.4	3.49	4.00	3.25	YES		NO
L0000865	0	0.21660E-06	478210.8	3746523.7	447.4	3.49	4.00	3.25	YES		NO
L0000866	0	0.21660E-06	478202.2	3746523.8	447.4	3.49	4.00	3.25	YES		NO
L0000867	0	0.21660E-06	478193.6	3746523.9	447.4	3.49	4.00	3.25	YES		NO
L0000868	0	0.21660E-06	478185.0	3746523.8	447.4	3.49	4.00	3.25	YES		NO
L0000869	0	0.21660E-06	478176.4	3746523.8	447.4	3.49	4.00	3.25	YES		NO
L0000870	0	0.21660E-06	478167.9	3746523.7	447.5	3.49	4.00	3.25	YES		NO
L0000871	0	0.21660E-06	478159.3	3746523.6	447.5	3.49	4.00	3.25	YES		NO
L0000872	0	0.21660E-06	478150.7	3746523.5	447.5	3.49	4.00	3.25	YES		NO
L0000873	0	0.21660E-06	478142.1	3746523.4	447.6	3.49	4.00	3.25	YES		NO
L0000874	0	0.21660E-06	478133.5	3746523.4	447.6	3.49	4.00	3.25	YES		NO
L0000875	0	0.21660E-06	478124.9	3746523.3	447.6	3.49	4.00	3.25	YES		NO
L0000876	0	0.21660E-06	478116.3	3746523.2	447.7	3.49	4.00	3.25	YES		NO
L0000877	0	0.21660E-06	478107.7	3746523.2	447.7	3.49	4.00	3.25	YES		NO
L0000878	0	0.21660E-06	478099.1	3746523.2	447.7	3.49	4.00	3.25	YES		NO
L0000879	0	0.21660E-06	478090.6	3746523.2	447.8	3.49	4.00	3.25	YES		NO
L0000880	0	0.21660E-06	478082.0	3746523.2	447.8	3.49	4.00	3.25	YES		NO
L0000881	0	0.21660E-06	478073.4	3746523.2	447.9	3.49	4.00	3.25	YES		NO
L0000882	0	0.21660E-06	478064.8	3746523.2	447.9	3.49	4.00	3.25	YES		NO
L0000883	0	0.21660E-06	478056.2	3746523.2	447.9	3.49	4.00	3.25	YES		NO
L0000884	0	0.21660E-06	478047.6	3746523.2	447.9	3.49	4.00	3.25	YES		NO
L0000885	0	0.21660E-06	478039.0	3746523.2	447.9	3.49	4.00	3.25	YES		NO
L0000886	0	0.21660E-06	478030.4	3746523.2	447.9	3.49	4.00	3.25	YES		NO
L0000887	0	0.21660E-06	478021.8	3746523.2	447.9	3.49	4.00	3.25	YES		NO
L0000888	0	0.21660E-06	478013.2	3746523.3	447.9	3.49	4.00	3.25	YES		NO
L0000889	0	0.21660E-06	478004.7	3746523.3	447.9	3.49	4.00	3.25	YES		NO
L0000890	0	0.21660E-06	477996.1	3746523.3	447.9	3.49	4.00	3.25	YES		NO
L0000891	0	0.21660E-06	477987.5	3746523.3	447.9	3.49	4.00	3.25	YES		NO
L0000892	0	0.21660E-06	477978.9	3746523.3	447.9	3.49	4.00	3.25	YES		NO
L0000893	0	0.21660E-06	477970.3	3746523.3	447.9	3.49	4.00	3.25	YES		NO
L0000894	0	0.21660E-06	477961.7	3746523.3	448.0	3.49	4.00	3.25	YES		NO
L0000895	0	0.21660E-06	477953.1	3746523.3	448.0	3.49	4.00	3.25	YES		NO
L0000896	0	0.21660E-06	477944.5	3746523.3	448.1	3.49	4.00	3.25	YES		NO
L0000897	0	0.21660E-06	477935.9	3746523.3	448.1	3.49	4.00	3.25	YES		NO
L0000898	0	0.21660E-06	477927.3	3746523.3	448.1	3.49	4.00	3.25	YES		NO
L0000899	0	0.21660E-06	477918.8	3746523.3	448.2	3.49	4.00	3.25	YES		NO
L0000900	0	0.21660E-06	477910.2	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0000901	0	0.21660E-06	477901.6	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0000902	0	0.21660E-06	477893.0	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0000903	0	0.21660E-06	477884.4	3746523.4	448.2	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000904	0	0.21660E-06	477875.8	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0000905	0	0.21660E-06	477867.2	3746523.4	448.1	3.49	4.00	3.25	YES		NO
L0000906	0	0.21660E-06	477858.6	3746523.4	448.1	3.49	4.00	3.25	YES		NO
L0000907	0	0.21660E-06	477850.0	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0000908	0	0.21660E-06	477841.4	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0000909	0	0.21660E-06	477832.9	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0000910	0	0.21660E-06	477824.3	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0000911	0	0.21660E-06	477815.7	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0000912	0	0.21660E-06	477807.1	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0000913	0	0.21660E-06	477798.5	3746523.5	448.2	3.49	4.00	3.25	YES		NO
L0000914	0	0.21660E-06	477789.9	3746523.5	448.2	3.49	4.00	3.25	YES		NO
L0000915	0	0.21660E-06	477781.3	3746523.5	448.2	3.49	4.00	3.25	YES		NO
L0000916	0	0.21660E-06	477772.7	3746523.5	448.3	3.49	4.00	3.25	YES		NO
L0000917	0	0.21660E-06	477764.1	3746523.5	448.3	3.49	4.00	3.25	YES		NO
L0000918	0	0.21660E-06	477755.5	3746523.5	448.3	3.49	4.00	3.25	YES		NO
L0000919	0	0.21660E-06	477747.0	3746523.5	448.3	3.49	4.00	3.25	YES		NO
L0000920	0	0.21660E-06	477739.5	3746521.0	448.4	3.49	4.00	3.25	YES		NO
L0000921	0	0.21660E-06	477733.7	3746514.6	448.4	3.49	4.00	3.25	YES		NO
L0000922	0	0.21660E-06	477728.0	3746508.2	448.4	3.49	4.00	3.25	YES		NO
L0000923	0	0.21660E-06	477722.2	3746501.9	448.4	3.49	4.00	3.25	YES		NO
L0000924	0	0.21660E-06	477716.4	3746495.5	448.4	3.49	4.00	3.25	YES		NO
L0000925	0	0.21660E-06	477713.2	3746488.1	448.3	3.49	4.00	3.25	YES		NO
L0000926	0	0.21660E-06	477713.1	3746479.5	448.3	3.49	4.00	3.25	YES		NO
L0000927	0	0.21660E-06	477713.0	3746470.9	448.3	3.49	4.00	3.25	YES		NO
L0000928	0	0.21660E-06	477712.8	3746462.4	448.3	3.49	4.00	3.25	YES		NO
L0000929	0	0.21660E-06	477712.7	3746453.8	448.2	3.49	4.00	3.25	YES		NO
L0000930	0	0.21660E-06	477712.6	3746445.2	448.2	3.49	4.00	3.25	YES		NO
L0000931	0	0.21660E-06	477712.5	3746436.6	448.2	3.49	4.00	3.25	YES		NO
L0000932	0	0.21660E-06	477712.4	3746428.0	448.2	3.49	4.00	3.25	YES		NO
L0000933	0	0.21660E-06	477712.3	3746419.4	448.2	3.49	4.00	3.25	YES		NO
L0000934	0	0.21660E-06	477712.2	3746410.8	448.2	3.49	4.00	3.25	YES		NO
L0000935	0	0.21660E-06	477712.1	3746402.2	448.1	3.49	4.00	3.25	YES		NO
L0000936	0	0.21660E-06	477712.0	3746393.6	448.1	3.49	4.00	3.25	YES		NO
L0000937	0	0.21660E-06	477711.9	3746385.1	448.1	3.49	4.00	3.25	YES		NO
L0000938	0	0.99440E-06	478184.6	3746503.9	447.6	3.49	4.00	3.25	YES		NO
L0000939	0	0.99440E-06	478176.0	3746503.9	447.6	3.49	4.00	3.25	YES		NO
L0000940	0	0.99440E-06	478167.4	3746503.9	447.7	3.49	4.00	3.25	YES		NO
L0000941	0	0.99440E-06	478158.8	3746503.9	447.7	3.49	4.00	3.25	YES		NO
L0000942	0	0.99440E-06	478150.2	3746503.9	447.7	3.49	4.00	3.25	YES		NO
L0000943	0	0.99440E-06	478141.6	3746503.9	447.7	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000944	0	0.99440E-06	478133.0	3746503.9	447.8	3.49	4.00	3.25	YES		NO
L0000945	0	0.99440E-06	478124.4	3746503.9	447.8	3.49	4.00	3.25	YES		NO
L0000946	0	0.99440E-06	478115.8	3746503.9	447.8	3.49	4.00	3.25	YES		NO
L0000947	0	0.99440E-06	478107.2	3746503.9	447.9	3.49	4.00	3.25	YES		NO
L0000948	0	0.99440E-06	478098.7	3746503.9	447.9	3.49	4.00	3.25	YES		NO
L0000949	0	0.99440E-06	478090.1	3746503.9	447.9	3.49	4.00	3.25	YES		NO
L0000950	0	0.99440E-06	478081.5	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0000951	0	0.99440E-06	478072.9	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0000952	0	0.99440E-06	478064.3	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0000953	0	0.99440E-06	478055.7	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0000954	0	0.99440E-06	478047.1	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0000955	0	0.99440E-06	478038.5	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0000956	0	0.99440E-06	478029.9	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0000957	0	0.99440E-06	478021.3	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0000958	0	0.99440E-06	478012.8	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0000959	0	0.99440E-06	478004.2	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0000960	0	0.99440E-06	477995.6	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0000961	0	0.99440E-06	477987.0	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0000962	0	0.99440E-06	477978.4	3746503.9	448.1	3.49	4.00	3.25	YES		NO
L0000963	0	0.99440E-06	477969.8	3746503.9	448.1	3.49	4.00	3.25	YES		NO
L0000964	0	0.99440E-06	477961.2	3746503.9	448.1	3.49	4.00	3.25	YES		NO
L0000965	0	0.99440E-06	477952.6	3746503.9	448.2	3.49	4.00	3.25	YES		NO
L0000966	0	0.99440E-06	477944.0	3746503.9	448.2	3.49	4.00	3.25	YES		NO
L0000967	0	0.99440E-06	477935.4	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0000968	0	0.99440E-06	477926.9	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0000969	0	0.99440E-06	477918.3	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0000970	0	0.99440E-06	477909.7	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0000971	0	0.99440E-06	477901.1	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0000972	0	0.99440E-06	477892.5	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0000973	0	0.99440E-06	477883.9	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0000974	0	0.99440E-06	477875.3	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0000975	0	0.99440E-06	477866.7	3746503.9	448.2	3.49	4.00	3.25	YES		NO
L0000976	0	0.99440E-06	477858.1	3746503.9	448.2	3.49	4.00	3.25	YES		NO
L0000977	0	0.99440E-06	477849.5	3746503.9	448.2	3.49	4.00	3.25	YES		NO
L0000978	0	0.99440E-06	477841.0	3746503.9	448.2	3.49	4.00	3.25	YES		NO
L0000979	0	0.99440E-06	477832.4	3746503.9	448.2	3.49	4.00	3.25	YES		NO
L0000980	0	0.99440E-06	477823.8	3746504.0	448.2	3.49	4.00	3.25	YES		NO
L0000981	0	0.99440E-06	477815.2	3746504.0	448.2	3.49	4.00	3.25	YES		NO
L0000982	0	0.99440E-06	477806.6	3746504.0	448.2	3.49	4.00	3.25	YES		NO
L0000983	0	0.99440E-06	477798.0	3746504.0	448.3	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000984	0	0.99440E-06	477789.4	3746504.0	448.3	3.49	4.00	3.25	YES		NO
L0000985	0	0.99440E-06	477780.8	3746504.0	448.3	3.49	4.00	3.25	YES		NO
L0000986	0	0.99440E-06	477772.2	3746504.0	448.3	3.49	4.00	3.25	YES		NO
L0000987	0	0.99440E-06	477763.6	3746504.0	448.4	3.49	4.00	3.25	YES		NO
L0000988	0	0.99440E-06	477755.1	3746504.0	448.4	3.49	4.00	3.25	YES		NO
L0000989	0	0.99440E-06	477746.5	3746504.0	448.4	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs							
ALL	L0000544 ,	L0000545 ,	L0000546 ,	L0000547 ,	L0000548 ,	L0000549 ,	L0000550 ,	L0000551 ,
	L0000552 ,	L0000553 ,	L0000554 ,	L0000555 ,	L0000556 ,	L0000557 ,	L0000558 ,	L0000559 ,
	L0000560 ,	L0000561 ,	L0000562 ,	L0000563 ,	L0000564 ,	L0000565 ,	L0000566 ,	L0000567 ,
	L0000568 ,	L0000569 ,	L0000570 ,	L0000571 ,	L0000572 ,	L0000573 ,	L0000574 ,	L0000575 ,
	L0000576 ,	L0000577 ,	L0000578 ,	L0000579 ,	L0000580 ,	L0000581 ,	L0000582 ,	L0000583 ,
	L0000584 ,	L0000585 ,	L0000586 ,	L0000587 ,	L0000588 ,	L0000589 ,	L0000590 ,	L0000591 ,
	L0000592 ,	L0000593 ,	L0000594 ,	L0000595 ,	L0000596 ,	L0000597 ,	L0000598 ,	L0000599 ,
	L0000600 ,	L0000601 ,	L0000602 ,	L0000603 ,	L0000604 ,	L0000605 ,	L0000606 ,	L0000607 ,
	L0000608 ,	L0000609 ,	L0000610 ,	L0000611 ,	L0000612 ,	L0000613 ,	L0000614 ,	L0000615 ,
	L0000616 ,	L0000617 ,	L0000618 ,	L0000619 ,	L0000620 ,	L0000621 ,	L0000622 ,	L0000623 ,
	L0000624 ,	L0000625 ,	L0000626 ,	L0000627 ,	L0000628 ,	L0000629 ,	L0000630 ,	L0000631 ,
	L0000632 ,	L0000633 ,	L0000634 ,	L0000635 ,	L0000636 ,	L0000637 ,	L0000638 ,	L0000639 ,
	L0000640 ,	L0000641 ,	L0000642 ,	L0000643 ,	L0000644 ,	L0000645 ,	L0000646 ,	L0000647 ,
	L0000648 ,	L0000649 ,	L0000650 ,	L0000651 ,	L0000652 ,	L0000653 ,	L0000654 ,	L0000655 ,
	L0000656 ,	L0000657 ,	L0000658 ,	L0000659 ,	L0000660 ,	L0000661 ,	L0000662 ,	L0000663 ,
	L0000664 ,	L0000665 ,	L0000666 ,	L0000667 ,	L0000668 ,	L0000669 ,	L0000670 ,	L0000671 ,
	L0000672 ,	L0000673 ,	L0000674 ,	L0000675 ,	L0000676 ,	L0000677 ,	L0000678 ,	L0000679 ,
	L0000680 ,	L0000681 ,	L0000682 ,	L0000683 ,	L0000684 ,	L0000685 ,	L0000686 ,	L0000687 ,
	L0000688 ,	L0000689 ,	L0000690 ,	L0000691 ,	L0000692 ,	L0000693 ,	L0000694 ,	L0000695 ,
	L0000696 ,	L0000697 ,	L0000698 ,	L0000699 ,	L0000700 ,	L0000701 ,	L0000702 ,	L0000703 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID SOURCE IDs ---------- -------

L0000704 , L0000705 , L0000706 , L0000707 , L0000708 , L0000709 , L0000710 , L0000711 ,

L0000712 , L0000713 , L0000714 , L0000715 , L0000716 , L0000717 , L0000718 , L0000719 ,

L0000720 , L0000721 , L0000722 , L0000723 , L0000724 , L0000725 , L0000726 , L0000727 ,

L0000728 , L0000729 , L0000730 , L0000731 , L0000732 , L0000733 , L0000734 , L0000735 ,

L0000736 , L0000737 , L0000738 , L0000739 , L0000740 , L0000741 , L0000742 , L0000743 ,

L0000744 , L0000745 , L0000746 , L0000747 , L0000748 , L0000749 , L0000750 , L0000751 ,

L0000752 , L0000753 , L0000754 , L0000755 , L0000756 , L0000757 , L0000758 , L0000759 ,

L0000760 , L0000761 , L0000762 , L0000763 , L0000764 , L0000765 , L0000766 , L0000767 ,

L0000768 , L0000769 , L0000770 , L0000771 , L0000772 , L0000773 , L0000774 , L0000775 ,

L0000776 , L0000777 , L0000778 , L0000779 , L0000780 , L0000781 , L0000782 , L0000783 ,

L0000784 , L0000785 , L0000786 , L0000787 , L0000788 , L0000789 , L0000790 , L0000791 ,

L0000792 , L0000793 , L0000794 , L0000795 , L0000796 , L0000797 , L0000798 , L0000799 ,

L0000800 , L0000801 , L0000802 , L0000803 , L0000804 , L0000805 , L0000806 , L0000807 ,

L0000808 , L0000809 , L0000810 , L0000811 , L0000812 , L0000813 , L0000814 , L0000815 ,

L0000816 , L0000817 , L0000818 , L0000819 , L0000820 , L0000821 , L0000822 , L0000823 ,

L0000824 , L0000825 , L0000826 , L0000827 , L0000828 , L0000829 , L0000830 , L0000831 ,

L0000832 , L0000833 , L0000834 , L0000835 , L0000836 , L0000837 , L0000838 , L0000839 ,

L0000840 , L0000841 , L0000842 , L0000843 , L0000844 , L0000845 , L0000846 , L0000847 ,

L0000848 , L0000849 , L0000850 , L0000851 , L0000852 , L0000853 , L0000854 , L0000855 ,

L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID SOURCE IDs ---

L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 ,
L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , L0000878 , L0000879 ,
L0000880 , L0000881 , L0000882 , L0000883 , L0000884 , L0000885 , L0000886 , L0000887 ,
L0000888 , L0000889 , L0000890 , L0000891 , L0000892 , L0000893 , L0000894 , L0000895 ,
L0000896 , L0000897 , L0000898 , L0000899 , L0000900 , L0000901 , L0000902 , L0000903 ,
L0000904 , L0000905 , L0000906 , L0000907 , L0000908 , L0000909 , L0000910 , L0000911 ,
L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 , L0000919 ,
L0000920 , L0000921 , L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 ,
L0000928 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 ,
L0000936 , L0000937 , L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 ,
L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 , L0000950 , L0000951 ,
L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , L0000957 , L0000958 , L0000959 ,
L0000960 , L0000961 , L0000962 , L0000963 , L0000964 , L0000965 , L0000966 , L0000967 ,
L0000968 , L0000969 , L0000970 , L0000971 , L0000972 , L0000973 , L0000974 , L0000975 ,
L0000976 , L0000977 , L0000978 , L0000979 , L0000980 , L0000981 , L0000982 , L0000983 ,
L0000984 , L0000985 , L0000986 , L0000987 , L0000988 , L0000989 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID URBAN POP SOURCE IDs -------- --------- -------

2492442. L0000544 , L0000545 , L0000546 , L0000547 , L0000548 , L0000549 , L0000550 ,
L0000551 ,

L0000552 , L0000553 , L0000554 , L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,

L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,

L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,

L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , L0000583 ,

L0000584 , L0000585 , L0000586 , L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,

L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,

L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,

L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , L0000615 ,

L0000616 , L0000617 , L0000618 , L0000619 , L0000620 , L0000621 , L0000622 , L0000623 ,

L0000624 , L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 , L0000631 ,

L0000632 , L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 , L0000639 ,

L0000640 , L0000641 , L0000642 , L0000643 , L0000644 , L0000645 , L0000646 , L0000647 ,

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L0000656 , L0000657 , L0000658 , L0000659 , L0000660 , L0000661 , L0000662 , L0000663 ,

L0000664 , L0000665 , L0000666 , L0000667 , L0000668 , L0000669 , L0000670 , L0000671 ,

L0000672 , L0000673 , L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 ,

L0000680 , L0000681 , L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 ,

L0000688 , L0000689 , L0000690 , L0000691 , L0000692 , L0000693 , L0000694 , L0000695 ,

L0000696 , L0000697 , L0000698 , L0000699 , L0000700 , L0000701 , L0000702 , L0000703 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID URBAN POP SOURCE IDs -------- --------- -------

L0000704 , L0000705 , L0000706 , L0000707 , L0000708 , L0000709 , L0000710 , L0000711 ,
L0000712 , L0000713 , L0000714 , L0000715 , L0000716 , L0000717 , L0000718 , L0000719 ,
L0000720 , L0000721 , L0000722 , L0000723 , L0000724 , L0000725 , L0000726 , L0000727 ,
L0000728 , L0000729 , L0000730 , L0000731 , L0000732 , L0000733 , L0000734 , L0000735 ,
L0000736 , L0000737 , L0000738 , L0000739 , L0000740 , L0000741 , L0000742 , L0000743 ,
L0000744 , L0000745 , L0000746 , L0000747 , L0000748 , L0000749 , L0000750 , L0000751 ,
L0000752 , L0000753 , L0000754 , L0000755 , L0000756 , L0000757 , L0000758 , L0000759 ,
L0000760 , L0000761 , L0000762 , L0000763 , L0000764 , L0000765 , L0000766 , L0000767 ,
L0000768 , L0000769 , L0000770 , L0000771 , L0000772 , L0000773 , L0000774 , L0000775 ,
L0000776 , L0000777 , L0000778 , L0000779 , L0000780 , L0000781 , L0000782 , L0000783 ,
L0000784 , L0000785 , L0000786 , L0000787 , L0000788 , L0000789 , L0000790 , L0000791 ,
L0000792 , L0000793 , L0000794 , L0000795 , L0000796 , L0000797 , L0000798 , L0000799 ,
L0000800 , L0000801 , L0000802 , L0000803 , L0000804 , L0000805 , L0000806 , L0000807 ,
L0000808 , L0000809 , L0000810 , L0000811 , L0000812 , L0000813 , L0000814 , L0000815 ,
L0000816 , L0000817 , L0000818 , L0000819 , L0000820 , L0000821 , L0000822 , L0000823 ,
L0000824 , L0000825 , L0000826 , L0000827 , L0000828 , L0000829 , L0000830 , L0000831 ,
L0000832 , L0000833 , L0000834 , L0000835 , L0000836 , L0000837 , L0000838 , L0000839 ,
L0000840 , L0000841 , L0000842 , L0000843 , L0000844 , L0000845 , L0000846 , L0000847 ,
L0000848 , L0000849 , L0000850 , L0000851 , L0000852 , L0000853 , L0000854 , L0000855 ,
L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID URBAN POP SOURCE IDs -------- --------- -------

L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 ,
L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , L0000878 , L0000879 ,
L0000880 , L0000881 , L0000882 , L0000883 , L0000884 , L0000885 , L0000886 , L0000887 ,
L0000888 , L0000889 , L0000890 , L0000891 , L0000892 , L0000893 , L0000894 , L0000895 ,
L0000896 , L0000897 , L0000898 , L0000899 , L0000900 , L0000901 , L0000902 , L0000903 ,
L0000904 , L0000905 , L0000906 , L0000907 , L0000908 , L0000909 , L0000910 , L0000911 ,
L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 , L0000919 ,
L0000920 , L0000921 , L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 ,
L0000928 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 ,
L0000936 , L0000937 , L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 ,
L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 , L0000950 , L0000951 ,
L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , L0000957 , L0000958 , L0000959 ,
L0000960 , L0000961 , L0000962 , L0000963 , L0000964 , L0000965 , L0000966 , L0000967 ,
L0000968 , L0000969 , L0000970 , L0000971 , L0000972 , L0000973 , L0000974 , L0000975 ,
L0000976 , L0000977 , L0000978 , L0000979 , L0000980 , L0000981 , L0000982 , L0000983 ,
L0000984 , L0000985 , L0000986 , L0000987 , L0000988 , L0000989 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

475945.0, 476020.0, 476095.0, 476170.0, 476245.0, 476320.0, 476395.0, 476470.0, 476545.0, 476620.0,
476695.0, 476770.0, 476845.0, 476920.0, 476995.0, 477070.0, 477145.0, 477220.0, 477295.0, 477370.0,
477445.0, 477520.0, 477595.0, 477670.0, 477745.0, 477820.0, 477895.0, 477970.0, 478045.0, 478120.0,
478195.0, 478270.0, 478345.0, 478420.0, 478495.0, 478570.0, 478645.0, 478720.0,

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

3745609.5, 3745684.5, 3745759.5, 3745834.5, 3745909.5, 3745984.5, 3746059.5, 3746134.5, 3746209.5, 3746284.5,
3746359.5, 3746434.5, 3746509.5, 3746584.5, 3746659.5, 3746734.5, 3746809.5, 3746884.5, 3746959.5, 3747034.5,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 475944.95	476019.95	476094.95	476169.95	476244.95	476319.95	476394.95	476469.95	476544.95
3747034.48	462.40	461.90	459.50	458.90	458.20	458.10	457.50	456.40	455.60
3746959.48	466.50	467.70	464.00	460.90	459.30	458.40	457.60	456.60	456.10
3746884.48	466.20	464.60	460.20	459.70	459.00	456.70	458.10	456.60	456.00
3746809.48	462.20	464.40	461.10	459.70	459.00	457.60	457.10	457.40	456.30
3746734.48	462.20	463.20	462.90	459.90	459.20	458.20	458.20	457.70	456.80
3746659.48	463.60	462.80	463.70	460.20	459.40	458.50	458.50	457.60	456.90
3746584.48	464.10	463.50	463.30	460.50	460.20	459.40	459.40	458.10	456.80
3746509.48	464.90	464.20	462.80	461.90	460.70	459.90	459.10	458.20	457.30
3746434.48	465.00	464.00	462.90	462.60	461.20	460.30	459.30	458.40	457.40
3746359.48	465.00	464.10	463.40	462.70	461.50	460.40	459.60	458.60	457.70
3746284.48	465.40	464.60	463.70	462.70	461.70	460.40	459.60	458.60	457.80
3746209.48	465.70	464.50	463.60	462.70	461.90	460.60	460.00	458.80	458.00
3746134.48	464.10	463.70	463.10	462.50	461.60	460.40	459.50	458.60	457.90
3746059.48	464.20	463.80	463.90	463.10	461.50	460.70	459.30	458.60	458.10
3745984.48	464.30	463.80	463.80	463.20	461.20	460.90	459.30	458.70	458.20
3745909.48	463.90	463.70	463.70	463.00	460.50	460.90	459.80	458.90	458.00
3745834.48	463.50	463.40	463.30	461.30	460.20	460.70	460.30	459.10	458.10
3745759.48	464.00	463.60	463.10	462.20	461.40	461.00	460.80	459.10	458.10
3745684.48	464.20	462.80	462.50	462.30	462.00	461.20	460.30	459.10	458.30
3745609.48	464.50	463.00	462.70	462.70	462.80	461.00	459.90	459.60	458.10

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 476619.95	476694.95	476769.95	476844.95	476919.95	476994.95	477069.95	477144.95	477219.95
3747034.48	455.30	454.80	454.20	453.70	452.80	451.20	453.20	453.60	452.40
3746959.48	455.70	454.90	454.30	453.90	453.20	451.80	451.60	453.20	452.90
3746884.48	455.70	454.90	454.40	454.00	453.10	452.40	450.80	452.10	451.90
3746809.48	455.90	455.20	454.50	453.80	453.10	452.60	451.80	451.00	451.30
3746734.48	456.20	455.60	455.00	454.10	453.30	452.60	451.90	451.20	450.90
3746659.48	456.30	455.50	455.10	454.10	453.20	452.50	451.90	451.20	450.40
3746584.48	456.20	455.30	454.80	454.20	453.30	452.60	451.90	451.30	450.70
3746509.48	456.40	455.70	454.90	454.20	453.40	452.70	452.00	451.40	450.80
3746434.48	456.50	455.80	454.90	454.10	453.40	452.80	452.10	451.60	451.10
3746359.48	456.80	456.00	455.00	454.20	453.50	453.00	452.50	452.00	451.50
3746284.48	457.10	456.00	455.30	454.60	453.90	453.30	452.80	452.20	451.50
3746209.48	457.10	456.20	455.60	454.90	454.20	453.60	453.10	452.40	451.70
3746134.48	457.30	456.40	455.80	455.20	454.50	453.90	453.00	452.40	451.80
3746059.48	457.60	456.60	455.90	455.20	454.40	453.80	453.10	452.50	451.90
3745984.48	457.60	455.90	454.90	454.30	453.80	453.40	453.10	452.60	452.00
3745909.48	457.60	456.00	455.00	454.30	453.90	453.40	453.00	452.30	451.00
3745834.48	457.30	455.80	454.70	454.30	453.90	453.30	452.90	452.50	451.10
3745759.48	457.40	456.00	455.40	454.90	454.40	453.70	453.20	452.80	452.10
3745684.48	457.50	456.80	456.00	455.30	454.50	453.90	453.30	452.80	452.20
3745609.48	457.50	456.60	455.90	455.10	454.40	453.80	453.10	452.70	452.20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 477294.95	477369.95	477444.95	477519.95	477594.95	477669.95	477744.95	477819.95	477894.95
3747034.48	450.80	450.70	450.60	450.40	450.00	449.40	448.70	448.60	448.60
3746959.48	451.40	450.90	450.60	450.30	450.20	449.80	449.10	449.00	448.90
3746884.48	451.20	451.00	450.40	450.10	449.80	449.60	449.40	448.90	449.30
3746809.48	451.00	450.70	450.30	450.00	449.70	449.40	449.30	448.90	449.00
3746734.48	450.70	450.40	449.90	449.60	449.40	449.20	449.10	449.00	449.00
3746659.48	450.40	450.20	449.70	449.40	449.00	448.90	449.00	448.90	449.10
3746584.48	449.90	449.70	449.20	448.80	448.50	448.30	448.30	448.10	447.90
3746509.48	450.40	450.00	449.60	449.30	448.90	448.50	448.40	448.30	448.30
3746434.48	450.30	450.10	449.70	449.20	448.80	448.50	448.10	448.10	448.20
3746359.48	450.80	450.00	449.80	449.00	448.60	448.30	448.10	447.90	447.90
3746284.48	450.80	450.20	449.70	449.40	448.60	448.70	448.80	448.80	448.50
3746209.48	451.10	450.40	449.90	449.20	448.50	448.40	447.80	447.80	448.00
3746134.48	451.30	450.70	450.10	449.20	448.10	447.70	447.30	447.20	447.00
3746059.48	451.30	450.80	450.20	449.30	447.60	447.50	447.50	447.40	447.40
3745984.48	451.30	450.70	450.20	449.50	447.90	447.90	448.00	448.00	447.80
3745909.48	451.30	450.70	450.40	449.70	449.20	448.70	448.60	448.30	448.30
3745834.48	451.50	450.90	450.60	450.00	449.40	449.00	448.70	448.60	448.60
3745759.48	451.70	451.20	450.80	450.30	449.90	449.60	449.20	449.00	448.70
3745684.48	451.70	451.20	450.80	450.50	450.10	449.70	449.30	448.80	447.80
3745609.48	451.70	451.30	451.00	450.50	449.90	449.50	449.00	448.60	447.70

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 477969.95	478044.95	478119.95	478194.95	478269.95	478344.95	478419.95	478494.95	478569.95
3747034.48	448.70	448.70	448.50	448.60	448.50	449.10	448.80	448.00	448.20
3746959.48	448.70	448.50	448.20	447.70	448.10	448.90	448.80	448.20	447.70
3746884.48	448.60	448.20	448.00	448.00	447.80	448.40	447.60	447.60	447.60
3746809.48	448.10	447.70	447.40	447.70	447.70	448.30	447.70	447.40	447.30
3746734.48	448.70	448.30	448.00	447.70	447.70	447.90	447.30	447.00	447.00
3746659.48	448.10	447.80	447.30	447.40	447.90	447.70	446.70	446.50	446.60
3746584.48	447.10	446.80	446.50	446.40	448.10	445.40	445.40	445.30	445.30
3746509.48	448.10	448.00	447.80	447.60	448.30	447.10	446.50	445.70	445.70
3746434.48	448.00	447.70	447.90	447.60	447.60	447.30	446.60	445.80	446.10
3746359.48	447.70	447.50	447.40	447.20	447.00	447.10	446.70	446.40	446.10
3746284.48	448.20	447.60	447.80	448.00	447.10	446.70	446.50	446.30	446.00
3746209.48	447.50	446.80	447.00	447.00	446.80	446.20	445.90	445.70	445.50
3746134.48	446.80	447.00	446.90	446.80	447.10	446.80	446.20	446.00	446.00
3746059.48	447.40	447.70	447.00	446.90	447.00	446.80	446.20	446.00	446.40
3745984.48	447.80	448.00	446.90	446.80	447.00	446.20	446.00	445.80	446.00
3745909.48	448.30	448.30	447.00	446.80	447.00	446.10	446.10	445.70	445.80
3745834.48	448.60	448.80	446.90	447.00	446.90	446.20	446.10	445.80	445.40
3745759.48	448.50	448.40	447.50	447.30	447.00	446.70	446.30	446.10	445.60
3745684.48	447.60	447.40	446.90	446.20	446.40	445.50	446.00	446.60	446.20
3745609.48	447.40	447.00	446.60	446.00	446.20	445.40	445.90	446.60	446.20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 478644.95	478719.95
3747034.48	447.90	447.70
3746959.48	447.50	447.80
3746884.48	447.60	447.60
3746809.48	447.30	447.30
3746734.48	447.00	446.90
3746659.48	446.60	446.60
3746584.48	445.30	445.10
3746509.48	445.70	445.70
3746434.48	446.00	446.10
3746359.48	446.00	445.80
3746284.48	445.80	445.60
3746209.48	445.20	445.00
3746134.48	445.70	445.80
3746059.48	445.70	445.90
3745984.48	445.40	445.20
3745909.48	445.60	445.70
3745834.48	445.80	445.40
3745759.48	445.50	445.20
3745684.48	445.20	444.50
3745609.48	444.40	444.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 475944.95	476019.95	476094.95	476169.95	476244.95	476319.95	476394.95	476469.95	476544.95
3747034.48	462.40	461.90	459.50	458.90	458.20	458.10	457.50	456.40	455.60
3746959.48	470.40	467.70	464.60	460.90	459.30	458.40	457.60	456.60	456.10
3746884.48	467.90	464.60	468.70	459.70	459.00	456.70	458.10	456.60	456.00
3746809.48	462.20	464.40	464.50	459.70	459.00	457.60	457.10	457.40	456.30
3746734.48	462.20	463.20	462.90	459.90	459.20	458.20	458.20	457.70	456.80
3746659.48	463.60	462.80	463.70	460.20	459.40	458.50	458.50	457.60	456.90
3746584.48	464.10	463.50	463.30	460.50	460.20	459.40	459.40	458.10	456.80
3746509.48	464.90	464.20	462.80	461.90	460.70	459.90	459.10	458.20	457.30
3746434.48	465.00	464.00	462.90	462.60	461.20	460.30	459.30	458.40	457.40
3746359.48	465.00	464.10	463.40	462.70	461.50	460.40	459.60	458.60	457.70
3746284.48	465.40	464.60	463.70	462.70	461.70	460.40	459.60	458.60	457.80
3746209.48	465.70	464.50	463.60	462.70	461.90	460.60	460.00	458.80	458.00
3746134.48	464.10	463.70	463.10	462.50	461.60	460.40	459.50	458.60	457.90
3746059.48	464.20	463.80	463.90	463.10	461.50	460.70	459.30	458.60	458.10
3745984.48	464.30	463.80	463.80	463.20	461.20	460.90	459.30	458.70	458.20
3745909.48	463.90	463.70	463.70	463.00	460.50	460.90	459.80	458.90	458.00
3745834.48	463.50	463.40	463.30	461.30	460.20	460.70	460.30	459.10	458.10
3745759.48	464.00	463.60	463.10	462.20	461.40	461.00	460.80	459.10	458.10
3745684.48	464.20	462.80	462.50	462.30	462.00	461.20	460.30	459.10	458.30
3745609.48	464.50	463.00	462.70	462.70	462.80	461.00	459.90	459.60	458.10

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 476619.95	476694.95	476769.95	476844.95	476919.95	476994.95	477069.95	477144.95	477219.95
3747034.48	455.30	454.80	454.20	453.70	452.80	451.20	453.20	453.60	452.40
3746959.48	455.70	454.90	454.30	453.90	453.20	451.80	451.60	453.20	452.90
3746884.48	455.70	454.90	454.40	454.00	453.10	452.40	450.80	452.10	451.90
3746809.48	455.90	455.20	454.50	453.80	453.10	452.60	451.80	451.00	451.30
3746734.48	456.20	455.60	455.00	454.10	453.30	452.60	451.90	451.20	450.90
3746659.48	456.30	455.50	455.10	454.10	453.20	452.50	451.90	451.20	450.40
3746584.48	456.20	455.30	454.80	454.20	453.30	452.60	451.90	451.30	450.70
3746509.48	456.40	455.70	454.90	454.20	453.40	452.70	452.00	451.40	450.80
3746434.48	456.50	455.80	454.90	454.10	453.40	452.80	452.10	451.60	451.10
3746359.48	456.80	456.00	455.00	454.20	453.50	453.00	452.50	452.00	451.50
3746284.48	457.10	456.00	455.30	454.60	453.90	453.30	452.80	452.20	451.50
3746209.48	457.10	456.20	455.60	454.90	454.20	453.60	453.10	452.40	451.70
3746134.48	457.30	456.40	455.80	455.20	454.50	453.90	453.00	452.40	451.80
3746059.48	457.60	456.60	455.90	455.20	454.40	453.80	453.10	452.50	451.90
3745984.48	457.60	455.90	454.90	454.30	453.80	453.40	453.10	452.60	452.00
3745909.48	457.60	456.00	455.00	454.30	453.90	453.40	453.00	452.30	451.00
3745834.48	457.30	455.80	454.70	454.30	453.90	453.30	452.90	452.50	451.10
3745759.48	457.40	456.00	455.40	454.90	454.40	453.70	453.20	452.80	452.10
3745684.48	457.50	456.80	456.00	455.30	454.50	453.90	453.30	452.80	452.20
3745609.48	457.50	456.60	455.90	455.10	454.40	453.80	453.10	452.70	452.20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 477294.95	477369.95	477444.95	477519.95	477594.95	477669.95	477744.95	477819.95	477894.95
3747034.48	450.80	450.70	450.60	450.40	450.00	449.40	448.70	448.60	448.60
3746959.48	451.40	450.90	450.60	450.30	450.20	449.80	449.10	449.00	448.90
3746884.48	451.20	451.00	450.40	450.10	449.80	449.60	449.40	448.90	449.30
3746809.48	451.00	450.70	450.30	450.00	449.70	449.40	449.30	448.90	449.00
3746734.48	450.70	450.40	449.90	449.60	449.40	449.20	449.10	449.00	449.00
3746659.48	450.40	450.20	449.70	449.40	449.00	448.90	449.00	448.90	449.10
3746584.48	449.90	449.70	449.20	448.80	448.50	448.30	448.30	448.10	447.90
3746509.48	450.40	450.00	449.60	449.30	448.90	448.50	448.40	448.30	448.30
3746434.48	450.30	450.10	449.70	449.20	448.80	448.50	448.10	448.10	448.20
3746359.48	450.80	450.00	449.80	449.00	448.60	448.30	448.10	447.90	447.90
3746284.48	450.80	450.20	449.70	449.40	448.60	448.70	448.80	448.80	448.50
3746209.48	451.10	450.40	449.90	449.20	448.50	448.40	447.80	447.80	448.00
3746134.48	451.30	450.70	450.10	449.20	448.10	447.70	447.30	447.20	447.00
3746059.48	451.30	450.80	450.20	449.30	447.60	447.50	447.50	447.40	447.40
3745984.48	451.30	450.70	450.20	449.50	447.90	447.90	448.00	448.00	447.80
3745909.48	451.30	450.70	450.40	449.70	449.20	448.70	448.60	448.30	448.30
3745834.48	451.50	450.90	450.60	450.00	449.40	449.00	448.70	448.60	448.60
3745759.48	451.70	451.20	450.80	450.30	449.90	449.60	449.20	449.00	448.70
3745684.48	451.70	451.20	450.80	450.50	450.10	449.70	449.30	448.80	447.80
3745609.48	451.70	451.30	451.00	450.50	449.90	449.50	449.00	448.60	447.70

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 477969.95	478044.95	478119.95	478194.95	478269.95	478344.95	478419.95	478494.95	478569.95
3747034.48	448.70	448.70	448.50	448.60	448.50	449.10	448.80	448.00	448.20
3746959.48	448.70	448.50	448.20	447.70	448.10	448.90	448.80	448.20	447.70
3746884.48	448.60	448.20	448.00	448.00	447.80	448.40	447.60	447.60	447.60
3746809.48	448.10	447.70	447.40	447.70	447.70	448.30	447.70	447.40	447.30
3746734.48	448.70	448.30	448.00	447.70	447.70	447.90	447.30	447.00	447.00
3746659.48	448.10	447.80	447.30	447.40	447.90	447.70	446.70	446.50	446.60
3746584.48	447.10	446.80	446.50	446.40	448.10	445.40	445.40	445.30	445.30
3746509.48	448.10	448.00	447.80	447.60	448.30	447.10	446.50	445.70	445.70
3746434.48	448.00	447.70	447.90	447.60	447.60	447.30	446.60	445.80	446.10
3746359.48	447.70	447.50	447.40	447.20	447.00	447.10	446.70	446.40	446.10
3746284.48	448.20	447.60	447.80	448.00	447.10	446.70	446.50	446.30	446.00
3746209.48	447.50	446.80	447.00	447.00	446.80	446.20	445.90	445.70	445.50
3746134.48	446.80	447.00	446.90	446.80	447.10	446.80	446.20	446.00	446.00
3746059.48	447.40	447.70	447.00	446.90	447.00	446.80	446.20	446.00	446.40
3745984.48	447.80	448.00	446.90	446.80	447.00	446.20	446.00	445.80	446.00
3745909.48	448.30	448.30	447.00	446.80	447.00	446.10	446.10	445.70	445.80
3745834.48	448.60	448.80	446.90	447.00	446.90	446.20	446.10	445.80	445.40
3745759.48	448.50	448.40	447.50	447.30	447.00	446.70	446.30	446.10	445.60
3745684.48	447.60	447.40	446.90	446.20	446.40	445.50	446.00	446.60	446.20
3745609.48	447.40	447.00	446.60	446.00	446.20	445.40	445.90	446.60	446.20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 478644.95	478719.95
3747034.48	447.90	447.70
3746959.48	447.50	447.80
3746884.48	447.60	447.60
3746809.48	447.30	447.30
3746734.48	447.00	446.90
3746659.48	446.60	446.60
3746584.48	445.30	445.10
3746509.48	445.70	445.70
3746434.48	446.00	446.10
3746359.48	446.00	445.80
3746284.48	445.80	445.60
3746209.48	445.20	445.00
3746134.48	445.70	445.80
3746059.48	445.70	445.90
3745984.48	445.40	445.20
3745909.48	445.60	445.70
3745834.48	445.80	445.40
3745759.48	445.50	445.20
3745684.48	445.20	444.50
3745609.48	444.40	444.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(476633.1,	3746546.2,	456.0,	456.0,	0.0);	(478292.3,	3746508.4,	448.3,	448.3,	0.0);
(478292.1,	3746421.6,	447.6,	447.6,	0.0);	(478180.5,	3746345.4,	447.3,	447.3,	0.0);
(477633.6,	3746348.0,	448.4,	448.4,	0.0);	(477038.3,	3746361.1,	452.8,	452.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000555	478292.1	3746421.6	0.77
L0000563	478270.0	3746359.5	-1.36
L0000571	478195.0	3746359.5	-0.11
L0000572	478195.0	3746359.5	-0.75
L0000580	478120.0	3746359.5	-1.37
L0000581	478120.0	3746359.5	0.43
L0000589	478045.0	3746359.5	-2.02
L0000597	477970.0	3746359.5	0.56
L0000598	477970.0	3746359.5	-1.89
L0000606	477895.0	3746359.5	-1.07
L0000607	477895.0	3746359.5	-1.02
L0000615	477820.0	3746359.5	-2.26
L0000616	477820.0	3746359.5	0.38
L0000624	477745.0	3746359.5	-2.73
L0000632	477670.0	3746359.5	-0.40
L0000633	477670.0	3746359.5	-2.32
L0000641	477595.0	3746359.5	-2.02
L0000642	477595.0	3746359.5	-1.17
L0000650	477520.0	3746359.5	-6.29
L0000651	477520.0	3746359.5	-1.92
L0000690	477220.0	3746509.5	-2.88
L0000691	477220.0	3746509.5	-5.55
L0000760	476633.1	3746546.2	0.43
L0000798	476470.0	3746809.5	-0.69
L0000823	476320.0	3746959.5	-0.02
L0000831	476245.0	3746959.5	-0.40
L0000832	476245.0	3746959.5	-3.16
L0000841	476170.0	3746959.5	0.99
L0000945	478120.0	3746509.5	-1.44
L0000946	478120.0	3746509.5	-1.66
L0000954	478045.0	3746509.5	-2.62
L0000955	478045.0	3746509.5	-0.10
L0000963	477970.0	3746509.5	-3.04
L0000971	477895.0	3746509.5	-0.33
L0000972	477895.0	3746509.5	-2.54
L0000980	477820.0	3746509.5	-1.88
L0000981	477820.0	3746509.5	-1.30
L0000989	477745.0	3746509.5	-2.88

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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
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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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: ..\..\..\Desktop_HRA_MET and TOPO data\peri_sfc_pfl\PERI_V11_trimmed.sfc Met Version: 22112
Profile file: ..\..\..\Desktop_HRA_MET and TOPO data\peri_sfc_pfl\PERI_V11_trimmed.pfl
Surface format: FREE
Profile format: FREE
Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2016 Year: 2016

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
16	01	01	1	01	-21.3	0.220	-9.000	-9.000	-999.	248.	53.3	0.06	0.53	1.00	3.11	342.	11.6	279.8	5.4
16	01	01	1	02	-23.0	0.238	-9.000	-9.000	-999.	278.	62.2	0.06	0.53	1.00	3.35	343.	11.6	279.6	5.4
16	01	01	1	03	-19.6	0.202	-9.000	-9.000	-999.	218.	44.9	0.06	0.53	1.00	2.87	342.	11.6	279.1	5.4
16	01	01	1	04	-15.2	0.175	-9.000	-9.000	-999.	176.	33.8	0.06	0.53	1.00	2.51	340.	11.6	278.7	5.4
16	01	01	1	05	-4.4	0.093	-9.000	-9.000	-999.	70.	15.7	0.06	0.53	1.00	1.36	335.	11.6	277.5	5.4
16	01	01	1	06	-13.9	0.167	-9.000	-9.000	-999.	164.	30.7	0.06	0.53	1.00	2.41	337.	11.6	278.0	5.4
16	01	01	1	07	-7.6	0.122	-9.000	-9.000	-999.	102.	20.5	0.06	0.53	1.00	1.80	356.	11.6	277.3	5.4
16	01	01	1	08	-25.5	0.388	-9.000	-9.000	-999.	579.	197.5	0.09	0.53	0.53	4.73	74.	10.1	274.3	5.4
16	01	01	1	09	22.4	0.406	0.330	0.005	55.	621.	-258.7	0.09	0.53	0.32	4.70	79.	10.1	277.2	5.4
16	01	01	1	10	55.5	0.399	0.599	0.005	134.	605.	-99.0	0.09	0.53	0.25	4.46	85.	10.1	283.0	5.4
16	01	01	1	11	78.4	0.108	0.975	0.005	409.	229.	-1.4	0.06	0.53	0.22	0.82	331.	11.6	286.7	5.4
16	01	01	1	12	85.7	0.137	1.097	0.005	532.	123.	-2.6	0.04	0.53	0.21	1.30	34.	11.6	288.6	5.4
16	01	01	1	13	85.3	0.107	1.147	0.005	611.	84.	-1.2	0.04	0.53	0.21	0.89	48.	11.6	290.2	5.4
16	01	01	1	14	61.6	0.118	1.057	0.005	662.	97.	-2.3	0.06	0.53	0.22	0.96	9.	11.6	290.5	5.4
16	01	01	1	15	45.7	0.115	1.038	0.005	844.	93.	-2.9	0.06	0.53	0.26	0.99	352.	11.6	290.7	5.4
16	01	01	1	16	14.9	0.098	0.732	0.005	908.	73.	-5.4	0.04	0.53	0.35	1.03	41.	11.6	289.9	5.4
16	01	01	1	17	-13.7	0.171	-9.000	-9.000	-999.	169.	32.1	0.04	0.53	0.63	2.63	59.	11.6	287.2	5.4
16	01	01	1	18	-17.5	0.186	-9.000	-9.000	-999.	193.	38.2	0.04	0.53	1.00	2.86	43.	11.6	284.7	5.4
16	01	01	1	19	-18.1	0.193	-9.000	-9.000	-999.	204.	41.1	0.06	0.53	1.00	2.70	15.	11.6	283.9	5.4
16	01	01	1	20	-11.3	0.151	-9.000	-9.000	-999.	141.	26.4	0.06	0.53	1.00	2.15	10.	11.6	283.3	5.4
16	01	01	1	21	-4.4	0.094	-9.000	-9.000	-999.	69.	16.1	0.06	0.53	1.00	1.35	17.	11.6	283.0	5.4
16	01	01	1	22	-3.0	0.077	-9.000	-9.000	-999.	52.	13.5	0.04	0.53	1.00	1.16	36.	11.6	282.6	5.4
16	01	01	1	23	-2.4	0.074	-9.000	-9.000	-999.	48.	14.3	0.06	0.53	1.00	0.95	360.	11.6	281.7	5.4
16	01	01	1	24	-1.7	0.068	-9.000	-9.000	-999.	43.	15.7	0.06	0.53	1.00	0.74	334.	11.6	280.6	5.4

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
16	01	01	01	5.4	0	-999.	-99.00	279.8	99.0	-99.00	-99.00
16	01	01	01	11.6	1	342.	3.11	-999.0	99.0	-99.00	-99.00

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000544 , L0000545 , L0000546 , L0000547 , L0000548 ,
L0000549 , L0000550 , L0000551 , L0000552 , L0000553 , L0000554 , L0000555 , L0000556 ,
L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 ,
L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 475944.95	476019.95	476094.95	476169.95	476244.95	476319.95	476394.95	476469.95	476544.95
3747034.48	0.00012	0.00018	0.00024	0.00028	0.00031	0.00030	0.00025	0.00021	0.00017
3746959.48	0.00014	0.00053	0.00120	0.00110	0.00100	0.00115	0.00056	0.00031	0.00022
3746884.48	0.00013	0.00022	0.00035	0.00041	0.00044	0.00050	0.00105	0.00059	0.00029
3746809.48	0.00011	0.00014	0.00019	0.00023	0.00027	0.00032	0.00049	0.00142	0.00038
3746734.48	0.00010	0.00012	0.00014	0.00017	0.00021	0.00026	0.00037	0.00131	0.00052
3746659.48	0.00009	0.00010	0.00012	0.00014	0.00017	0.00021	0.00030	0.00064	0.00083
3746584.48	0.00008	0.00009	0.00011	0.00013	0.00015	0.00018	0.00024	0.00039	0.00135
3746509.48	0.00008	0.00009	0.00010	0.00011	0.00013	0.00016	0.00020	0.00026	0.00039
3746434.48	0.00007	0.00008	0.00009	0.00010	0.00012	0.00014	0.00016	0.00020	0.00025
3746359.48	0.00007	0.00007	0.00008	0.00009	0.00011	0.00012	0.00014	0.00016	0.00019
3746284.48	0.00006	0.00007	0.00008	0.00009	0.00010	0.00011	0.00012	0.00014	0.00016
3746209.48	0.00006	0.00007	0.00007	0.00008	0.00009	0.00010	0.00011	0.00012	0.00014
3746134.48	0.00006	0.00006	0.00007	0.00008	0.00008	0.00009	0.00010	0.00011	0.00012
3746059.48	0.00006	0.00006	0.00007	0.00007	0.00008	0.00009	0.00009	0.00010	0.00011
3745984.48	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008	0.00009	0.00010	0.00010
3745909.48	0.00005	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008	0.00009	0.00010
3745834.48	0.00005	0.00005	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008	0.00009
3745759.48	0.00005	0.00005	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008	0.00009
3745684.48	0.00005	0.00005	0.00005	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008
3745609.48	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000544 , L0000545 , L0000546 , L0000547 , L0000548 ,
L0000549 , L0000550 , L0000551 , L0000552 , L0000553 , L0000554 , L0000555 , L0000556 ,
L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 ,
L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 476619.95	476694.95	476769.95	476844.95	476919.95	476994.95	477069.95	477144.95	477219.95
3747034.48	0.00016	0.00015	0.00015	0.00015	0.00015	0.00016	0.00016	0.00017	0.00018
3746959.48	0.00018	0.00017	0.00016	0.00016	0.00017	0.00017	0.00018	0.00019	0.00020
3746884.48	0.00022	0.00019	0.00018	0.00018	0.00019	0.00020	0.00020	0.00022	0.00023
3746809.48	0.00026	0.00022	0.00021	0.00021	0.00022	0.00022	0.00023	0.00025	0.00026
3746734.48	0.00032	0.00027	0.00025	0.00025	0.00026	0.00027	0.00028	0.00029	0.00030
3746659.48	0.00043	0.00035	0.00034	0.00034	0.00035	0.00036	0.00037	0.00037	0.00037
3746584.48	0.00094	0.00070	0.00069	0.00070	0.00072	0.00075	0.00083	0.00069	0.00054
3746509.48	0.00060	0.00071	0.00071	0.00071	0.00071	0.00072	0.00072	0.00089	0.00131
3746434.48	0.00030	0.00034	0.00036	0.00037	0.00038	0.00039	0.00042	0.00048	0.00063
3746359.48	0.00022	0.00024	0.00026	0.00027	0.00028	0.00030	0.00033	0.00037	0.00044
3746284.48	0.00017	0.00019	0.00021	0.00022	0.00024	0.00026	0.00028	0.00031	0.00036
3746209.48	0.00015	0.00016	0.00018	0.00019	0.00021	0.00023	0.00025	0.00027	0.00031
3746134.48	0.00013	0.00015	0.00016	0.00017	0.00019	0.00020	0.00022	0.00024	0.00027
3746059.48	0.00012	0.00013	0.00014	0.00016	0.00017	0.00018	0.00020	0.00022	0.00024
3745984.48	0.00011	0.00012	0.00013	0.00014	0.00016	0.00017	0.00018	0.00020	0.00022
3745909.48	0.00010	0.00011	0.00012	0.00013	0.00014	0.00015	0.00017	0.00018	0.00019
3745834.48	0.00010	0.00011	0.00011	0.00012	0.00013	0.00014	0.00015	0.00016	0.00017
3745759.48	0.00009	0.00010	0.00011	0.00011	0.00012	0.00013	0.00014	0.00015	0.00016
3745684.48	0.00009	0.00009	0.00010	0.00010	0.00011	0.00012	0.00013	0.00013	0.00014
3745609.48	0.00008	0.00009	0.00009	0.00010	0.00010	0.00011	0.00012	0.00012	0.00013

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000544 , L0000545 , L0000546 , L0000547 , L0000548 ,
L0000549 , L0000550 , L0000551 , L0000552 , L0000553 , L0000554 , L0000555 , L0000556 ,
L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 ,
L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 477294.95	477369.95	477444.95	477519.95	477594.95	477669.95	477744.95	477819.95	477894.95
3747034.48	0.00020	0.00021	0.00023	0.00025	0.00027	0.00029	0.00031	0.00033	0.00034
3746959.48	0.00022	0.00024	0.00026	0.00029	0.00032	0.00035	0.00038	0.00040	0.00042
3746884.48	0.00025	0.00027	0.00030	0.00034	0.00038	0.00043	0.00048	0.00052	0.00054
3746809.48	0.00028	0.00031	0.00034	0.00040	0.00046	0.00054	0.00063	0.00070	0.00074
3746734.48	0.00032	0.00035	0.00040	0.00047	0.00057	0.00071	0.00087	0.00100	0.00109
3746659.48	0.00038	0.00041	0.00046	0.00056	0.00072	0.00098	0.00133	0.00163	0.00179
3746584.48	0.00048	0.00048	0.00054	0.00066	0.00091	0.00146	0.00259	0.00347	0.00379
3746509.48	0.00077	0.00060	0.00063	0.00077	0.00110	0.00221	0.01072	0.01364	0.01424
3746434.48	0.00132	0.00110	0.00093	0.00094	0.00125	0.00239	0.00413	0.00468	0.00507
3746359.48	0.00058	0.00085	0.00113	0.00161	0.00176	0.00228	0.00318	0.00295	0.00316
3746284.48	0.00043	0.00052	0.00064	0.00080	0.00094	0.00112	0.00133	0.00150	0.00162
3746209.48	0.00035	0.00041	0.00048	0.00057	0.00066	0.00075	0.00085	0.00095	0.00103
3746134.48	0.00030	0.00034	0.00039	0.00045	0.00050	0.00056	0.00062	0.00067	0.00072
3746059.48	0.00027	0.00030	0.00033	0.00036	0.00040	0.00044	0.00047	0.00051	0.00054
3745984.48	0.00023	0.00026	0.00028	0.00030	0.00033	0.00035	0.00038	0.00040	0.00042
3745909.48	0.00021	0.00022	0.00024	0.00026	0.00028	0.00029	0.00031	0.00033	0.00034
3745834.48	0.00019	0.00020	0.00021	0.00022	0.00024	0.00025	0.00026	0.00027	0.00028
3745759.48	0.00017	0.00017	0.00018	0.00019	0.00020	0.00021	0.00022	0.00023	0.00024
3745684.48	0.00015	0.00016	0.00016	0.00017	0.00018	0.00019	0.00019	0.00020	0.00020
3745609.48	0.00013	0.00014	0.00015	0.00015	0.00016	0.00016	0.00017	0.00017	0.00018

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000544 , L0000545 , L0000546 , L0000547 , L0000548 ,
L0000549 , L0000550 , L0000551 , L0000552 , L0000553 , L0000554 , L0000555 , L0000556 ,
L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 ,
L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 477969.95	478044.95	478119.95	478194.95	478269.95	478344.95	478419.95	478494.95	478569.95
3747034.48	0.00034	0.00033	0.00032	0.00030	0.00027	0.00025	0.00022	0.00020	0.00018
3746959.48	0.00042	0.00041	0.00039	0.00037	0.00033	0.00029	0.00026	0.00023	0.00020
3746884.48	0.00055	0.00054	0.00051	0.00046	0.00041	0.00035	0.00030	0.00026	0.00022
3746809.48	0.00076	0.00074	0.00068	0.00061	0.00052	0.00043	0.00036	0.00030	0.00025
3746734.48	0.00111	0.00108	0.00098	0.00084	0.00068	0.00054	0.00043	0.00034	0.00028
3746659.48	0.00184	0.00178	0.00160	0.00130	0.00097	0.00070	0.00051	0.00039	0.00031
3746584.48	0.00385	0.00374	0.00338	0.00252	0.00158	0.00092	0.00060	0.00043	0.00033
3746509.48	0.01771	0.01423	0.01347	0.00988	0.00437	0.00118	0.00067	0.00046	0.00035
3746434.48	0.00515	0.00503	0.00460	0.00350	0.00334	0.00128	0.00068	0.00046	0.00034
3746359.48	0.00325	0.00346	0.00296	0.00264	0.00271	0.00114	0.00065	0.00044	0.00033
3746284.48	0.00168	0.00166	0.00156	0.00140	0.00117	0.00087	0.00059	0.00042	0.00032
3746209.48	0.00107	0.00107	0.00103	0.00095	0.00082	0.00068	0.00052	0.00040	0.00031
3746134.48	0.00076	0.00077	0.00075	0.00070	0.00064	0.00055	0.00046	0.00037	0.00029
3746059.48	0.00056	0.00058	0.00057	0.00055	0.00051	0.00046	0.00040	0.00033	0.00028
3745984.48	0.00044	0.00045	0.00045	0.00044	0.00042	0.00039	0.00035	0.00030	0.00026
3745909.48	0.00035	0.00036	0.00036	0.00036	0.00035	0.00033	0.00030	0.00027	0.00024
3745834.48	0.00029	0.00030	0.00030	0.00030	0.00029	0.00028	0.00027	0.00024	0.00022
3745759.48	0.00025	0.00025	0.00025	0.00025	0.00025	0.00024	0.00023	0.00022	0.00020
3745684.48	0.00021	0.00021	0.00022	0.00022	0.00022	0.00021	0.00021	0.00020	0.00018
3745609.48	0.00018	0.00019	0.00019	0.00019	0.00019	0.00019	0.00018	0.00018	0.00017

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000544 , L0000545 , L0000546 , L0000547 , L0000548 ,
L0000549 , L0000550 , L0000551 , L0000552 , L0000553 , L0000554 , L0000555 , L0000556 ,
L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 ,
L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 478644.95	478719.95
3747034.48	0.00016	0.00014
3746959.48	0.00018	0.00016
3746884.48	0.00019	0.00017
3746809.48	0.00021	0.00018
3746734.48	0.00023	0.00020
3746659.48	0.00025	0.00021
3746584.48	0.00027	0.00022
3746509.48	0.00027	0.00022
3746434.48	0.00027	0.00022
3746359.48	0.00027	0.00022
3746284.48	0.00025	0.00021
3746209.48	0.00024	0.00020
3746134.48	0.00024	0.00020
3746059.48	0.00023	0.00019
3745984.48	0.00022	0.00018
3745909.48	0.00021	0.00018
3745834.48	0.00019	0.00017
3745759.48	0.00018	0.00016
3745684.48	0.00017	0.00015
3745609.48	0.00016	0.00014

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000544 , L0000545 , L0000546 , L0000547 , L0000548 ,
L0000549 , L0000550 , L0000551 , L0000552 , L0000553 , L0000554 , L0000555 , L0000556 ,
L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 ,
L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , . . . ,

*** 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
476633.11	3746546.21	0.00130	478292.35	3746508.39	0.00332
478292.09	3746421.57	0.00309	478180.45	3746345.37	0.00252
477633.56	3746348.00	0.00199	477038.28	3746361.07	0.00032

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.01771 AT	(477969.95, 3746509.48, 448.10, 448.10, 0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	0.01424 AT	(477894.95, 3746509.48, 448.30, 448.30, 0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	0.01423 AT	(478044.95, 3746509.48, 448.00, 448.00, 0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	0.01364 AT	(477819.95, 3746509.48, 448.30, 448.30, 0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	0.01347 AT	(478119.95, 3746509.48, 447.80, 447.80, 0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	0.01072 AT	(477744.95, 3746509.48, 448.40, 448.40, 0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	0.00988 AT	(478194.95, 3746509.48, 447.60, 447.60, 0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00515 AT	(477969.95, 3746434.48, 448.00, 448.00, 0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00507 AT	(477894.95, 3746434.48, 448.20, 448.20, 0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00503 AT	(478044.95, 3746434.48, 447.70, 447.70, 0.00)	GC	UCART1

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

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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

*** 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          598 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of          227 Calm Hours Identified

A Total of          371 Missing Hours Identified (  0.85 Percent)


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


   ********   WARNING MESSAGES   ********
ME W186    1071       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used           0.50
ME W187    1071       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

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**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 12/16/2024
** File: C:\Users\monicat\Desktop\FIR Harley\ProjAB2\ProjAB2\ProjAB2.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE First Industrial Logistics at Harley Knox and Indian
   TITLETWO Project only DPM Concentration (2026) - AB2
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2492442 Riverside
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL ProjAB2.err
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Indian Avenue B/n N. Driveway and Harley Knox Boulevard
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 2.381E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 478282.103, 3746519.414, 448.50, 3.49, 4.00
** 478283.123, 3746368.355, 446.98, 3.49, 4.00
** ----------------------------------------------------------------------
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```
   LOCATION L0000990     VOLUME   478282.132 3746515.119 448.44
   LOCATION L0000991     VOLUME   478282.190 3746506.529 448.38
   LOCATION L0000992     VOLUME   478282.248 3746497.939 448.33
   LOCATION L0000993     VOLUME   478282.306 3746489.350 448.27
   LOCATION L0000994     VOLUME   478282.364 3746480.760 448.19
   LOCATION L0000995     VOLUME   478282.422 3746472.170 448.11
   LOCATION L0000996     VOLUME   478282.480 3746463.580 448.04
   LOCATION L0000997     VOLUME   478282.538 3746454.990 447.95
   LOCATION L0000998     VOLUME   478282.596 3746446.401 447.85
   LOCATION L0000999     VOLUME   478282.654 3746437.811 447.75
   LOCATION L0001000     VOLUME   478282.712 3746429.221 447.65
   LOCATION L0001001     VOLUME   478282.770 3746420.631 447.56
   LOCATION L0001002     VOLUME   478282.828 3746412.041 447.47
   LOCATION L0001003     VOLUME   478282.886 3746403.451 447.37
   LOCATION L0001004     VOLUME   478282.944 3746394.862 447.28
   LOCATION L0001005     VOLUME   478283.002 3746386.272 447.20
   LOCATION L0001006     VOLUME   478283.060 3746377.682 447.11
   LOCATION L0001007     VOLUME   478283.118 3746369.092 447.02
** End of LINE VOLUME Source ID = SLINE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Harley Knox Boulevard B/n Indian Avenue and  I-215 Ramps
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00002349
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 44
** 478281.443, 3746366.613, 446.97, 3.49, 4.00
** 477588.330, 3746364.966, 448.64, 3.49, 4.00
** 477563.512, 3746365.406, 448.79, 3.49, 4.00
** 477547.206, 3746365.696, 448.85, 3.49, 4.00
** 477538.905, 3746363.378, 448.93, 3.49, 4.00
** 477530.985, 3746362.579, 448.95, 3.49, 4.00
** 477523.673, 3746361.531, 448.99, 3.49, 4.00
** 477521.554, 3746360.835, 449.02, 3.49, 4.00
** 477514.228, 3746359.776, 449.10, 3.49, 4.00
** 477508.234, 3746361.104, 449.12, 3.49, 4.00
** 477498.835, 3746363.406, 449.16, 3.49, 4.00
** 477490.748, 3746366.240, 449.29, 3.49, 4.00
** 477478.565, 3746375.832, 449.37, 3.49, 4.00
** 477473.624, 3746384.010, 449.54, 3.49, 4.00
** 477467.692, 3746390.098, 449.54, 3.49, 4.00
** 477454.239, 3746394.816, 449.59, 3.49, 4.00
** 477405.711, 3746397.535, 449.92, 3.49, 4.00
** 477375.468, 3746401.143, 449.83, 3.49, 4.00
** 477325.522, 3746431.833, 450.12, 3.49, 4.00
** 477323.438, 3746434.679, 450.13, 3.49, 4.00
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** 477281.710, 3746467.165, 450.33, 3.49, 4.00
** 477275.914, 3746474.026, 450.33, 3.49, 4.00
** 477250.580, 3746492.394, 450.54, 3.49, 4.00
** 477189.511, 3746528.438, 450.97, 3.49, 4.00
** 477141.728, 3746546.289, 451.41, 3.49, 4.00
** 477063.698, 3746559.629, 452.06, 3.49, 4.00
** 477031.791, 3746552.141, 452.35, 3.49, 4.00
** 476691.507, 3746548.374, 455.60, 3.49, 4.00
** 476689.630, 3746548.507, 455.59, 3.49, 4.00
** 476632.981, 3746555.244, 455.91, 3.49, 4.00
** 476568.189, 3746579.279, 456.55, 3.49, 4.00
** 476525.118, 3746622.424, 456.83, 3.49, 4.00
** 476518.727, 3746645.768, 457.03, 3.49, 4.00
** 476500.159, 3746683.266, 457.21, 3.49, 4.00
** 476475.154, 3746758.569, 457.66, 3.49, 4.00
** 476454.889, 3746837.315, 457.96, 3.49, 4.00
** 476423.929, 3746885.345, 457.56, 3.49, 4.00
** 476382.749, 3746922.486, 458.16, 3.49, 4.00
** 476375.091, 3746927.747, 458.28, 3.49, 4.00
** 476331.004, 3746949.110, 458.12, 3.49, 4.00
** 476268.493, 3746959.276, 458.78, 3.49, 4.00
** 476239.271, 3746953.170, 459.34, 3.49, 4.00
** 476219.535, 3746951.069, 459.85, 3.49, 4.00
** 476024.531, 3746948.645, 467.65, 3.49, 4.00
** ---------------------------------------------------------------------
   LOCATION L0001008     VOLUME   478277.148 3746366.603 446.97
   LOCATION L0001009     VOLUME   478268.558 3746366.583 446.99
   LOCATION L0001010     VOLUME   478259.968 3746366.562 447.02
   LOCATION L0001011     VOLUME   478251.378 3746366.542 447.04
   LOCATION L0001012     VOLUME   478242.788 3746366.521 447.08
   LOCATION L0001013     VOLUME   478234.198 3746366.501 447.12
   LOCATION L0001014     VOLUME   478225.608 3746366.481 447.16
   LOCATION L0001015     VOLUME   478217.018 3746366.460 447.19
   LOCATION L0001016     VOLUME   478208.428 3746366.440 447.21
   LOCATION L0001017     VOLUME   478199.838 3746366.419 447.23
   LOCATION L0001018     VOLUME   478191.248 3746366.399 447.25
   LOCATION L0001019     VOLUME   478182.658 3746366.378 447.27
   LOCATION L0001020     VOLUME   478174.068 3746366.358 447.28
   LOCATION L0001021     VOLUME   478165.478 3746366.338 447.31
   LOCATION L0001022     VOLUME   478156.888 3746366.317 447.34
   LOCATION L0001023     VOLUME   478148.298 3746366.297 447.36
   LOCATION L0001024     VOLUME   478139.708 3746366.276 447.39
   LOCATION L0001025     VOLUME   478131.118 3746366.256 447.41
   LOCATION L0001026     VOLUME   478122.528 3746366.236 447.43
   LOCATION L0001027     VOLUME   478113.938 3746366.215 447.44
   LOCATION L0001028     VOLUME   478105.348 3746366.195 447.45
   LOCATION L0001029     VOLUME   478096.758 3746366.174 447.46
   LOCATION L0001030     VOLUME   478088.168 3746366.154 447.47
   LOCATION L0001031     VOLUME   478079.578 3746366.134 447.48
   LOCATION L0001032     VOLUME   478070.988 3746366.113 447.49
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LOCATION	L0001033	VOLUME	478062.398	3746366.093	447.48
LOCATION	L0001034	VOLUME	478053.809	3746366.072	447.48
LOCATION	L0001035	VOLUME	478045.219	3746366.052	447.48
LOCATION	L0001036	VOLUME	478036.629	3746366.031	447.48
LOCATION	L0001037	VOLUME	478028.039	3746366.011	447.48
LOCATION	L0001038	VOLUME	478019.449	3746365.991	447.49
LOCATION	L0001039	VOLUME	478010.859	3746365.970	447.52
LOCATION	L0001040	VOLUME	478002.269	3746365.950	447.55
LOCATION	L0001041	VOLUME	477993.679	3746365.929	447.58
LOCATION	L0001042	VOLUME	477985.089	3746365.909	447.62
LOCATION	L0001043	VOLUME	477976.499	3746365.889	447.67
LOCATION	L0001044	VOLUME	477967.909	3746365.868	447.71
LOCATION	L0001045	VOLUME	477959.319	3746365.848	447.75
LOCATION	L0001046	VOLUME	477950.729	3746365.827	447.79
LOCATION	L0001047	VOLUME	477942.139	3746365.807	447.82
LOCATION	L0001048	VOLUME	477933.549	3746365.786	447.84
LOCATION	L0001049	VOLUME	477924.959	3746365.766	447.86
LOCATION	L0001050	VOLUME	477916.369	3746365.746	447.87
LOCATION	L0001051	VOLUME	477907.779	3746365.725	447.88
LOCATION	L0001052	VOLUME	477899.189	3746365.705	447.88
LOCATION	L0001053	VOLUME	477890.599	3746365.684	447.88
LOCATION	L0001054	VOLUME	477882.009	3746365.664	447.87
LOCATION	L0001055	VOLUME	477873.419	3746365.644	447.85
LOCATION	L0001056	VOLUME	477864.829	3746365.623	447.84
LOCATION	L0001057	VOLUME	477856.239	3746365.603	447.84
LOCATION	L0001058	VOLUME	477847.649	3746365.582	447.84
LOCATION	L0001059	VOLUME	477839.059	3746365.562	447.84
LOCATION	L0001060	VOLUME	477830.469	3746365.541	447.86
LOCATION	L0001061	VOLUME	477821.879	3746365.521	447.88
LOCATION	L0001062	VOLUME	477813.289	3746365.501	447.90
LOCATION	L0001063	VOLUME	477804.699	3746365.480	447.92
LOCATION	L0001064	VOLUME	477796.109	3746365.460	447.93
LOCATION	L0001065	VOLUME	477787.519	3746365.439	447.95
LOCATION	L0001066	VOLUME	477778.929	3746365.419	447.97
LOCATION	L0001067	VOLUME	477770.339	3746365.399	447.99
LOCATION	L0001068	VOLUME	477761.749	3746365.378	448.01
LOCATION	L0001069	VOLUME	477753.159	3746365.358	448.03
LOCATION	L0001070	VOLUME	477744.569	3746365.337	448.05
LOCATION	L0001071	VOLUME	477735.979	3746365.317	448.07
LOCATION	L0001072	VOLUME	477727.389	3746365.297	448.09
LOCATION	L0001073	VOLUME	477718.799	3746365.276	448.11
LOCATION	L0001074	VOLUME	477710.209	3746365.256	448.14
LOCATION	L0001075	VOLUME	477701.620	3746365.235	448.18
LOCATION	L0001076	VOLUME	477693.030	3746365.215	448.21
LOCATION	L0001077	VOLUME	477684.440	3746365.194	448.25
LOCATION	L0001078	VOLUME	477675.850	3746365.174	448.28
LOCATION	L0001079	VOLUME	477667.260	3746365.154	448.30
LOCATION	L0001080	VOLUME	477658.670	3746365.133	448.32
LOCATION	L0001081	VOLUME	477650.080	3746365.113	448.35
LOCATION	L0001082	VOLUME	477641.490	3746365.092	448.37

LOCATION	L0001083	VOLUME	477632.900	3746365.072	448.39
LOCATION	L0001084	VOLUME	477624.310	3746365.052	448.42
LOCATION	L0001085	VOLUME	477615.720	3746365.031	448.46
LOCATION	L0001086	VOLUME	477607.130	3746365.011	448.50
LOCATION	L0001087	VOLUME	477598.540	3746364.990	448.55
LOCATION	L0001088	VOLUME	477589.950	3746364.970	448.60
LOCATION	L0001089	VOLUME	477581.361	3746365.090	448.65
LOCATION	L0001090	VOLUME	477572.772	3746365.242	448.70
LOCATION	L0001091	VOLUME	477564.184	3746365.394	448.76
LOCATION	L0001092	VOLUME	477555.595	3746365.547	448.81
LOCATION	L0001093	VOLUME	477547.014	3746365.642	448.85
LOCATION	L0001094	VOLUME	477538.735	3746363.361	448.91
LOCATION	L0001095	VOLUME	477530.192	3746362.466	448.96
LOCATION	L0001096	VOLUME	477521.769	3746360.906	449.02
LOCATION	L0001097	VOLUME	477513.289	3746359.984	449.08
LOCATION	L0001098	VOLUME	477504.919	3746361.916	449.13
LOCATION	L0001099	VOLUME	477496.640	3746364.175	449.20
LOCATION	L0001100	VOLUME	477488.904	3746367.691	449.26
LOCATION	L0001101	VOLUME	477482.155	3746373.006	449.33
LOCATION	L0001102	VOLUME	477476.486	3746379.274	449.40
LOCATION	L0001103	VOLUME	477471.491	3746386.199	449.46
LOCATION	L0001104	VOLUME	477464.723	3746391.139	449.52
LOCATION	L0001105	VOLUME	477456.617	3746393.982	449.58
LOCATION	L0001106	VOLUME	477448.179	3746395.155	449.65
LOCATION	L0001107	VOLUME	477439.602	3746395.636	449.75
LOCATION	L0001108	VOLUME	477431.026	3746396.116	449.84
LOCATION	L0001109	VOLUME	477422.449	3746396.597	449.89
LOCATION	L0001110	VOLUME	477413.873	3746397.077	449.90
LOCATION	L0001111	VOLUME	477405.298	3746397.584	449.91
LOCATION	L0001112	VOLUME	477396.769	3746398.602	449.91
LOCATION	L0001113	VOLUME	477388.239	3746399.619	449.89
LOCATION	L0001114	VOLUME	477379.710	3746400.637	449.86
LOCATION	L0001115	VOLUME	477371.789	3746403.404	449.88
LOCATION	L0001116	VOLUME	477364.470	3746407.901	449.93
LOCATION	L0001117	VOLUME	477357.151	3746412.398	449.98
LOCATION	L0001118	VOLUME	477349.833	3746416.895	450.03
LOCATION	L0001119	VOLUME	477342.514	3746421.392	450.08
LOCATION	L0001120	VOLUME	477335.195	3746425.889	450.11
LOCATION	L0001121	VOLUME	477327.876	3746430.386	450.13
LOCATION	L0001122	VOLUME	477321.624	3746436.091	450.16
LOCATION	L0001123	VOLUME	477314.846	3746441.368	450.20
LOCATION	L0001124	VOLUME	477308.068	3746446.645	450.24
LOCATION	L0001125	VOLUME	477301.290	3746451.922	450.27
LOCATION	L0001126	VOLUME	477294.512	3746457.199	450.30
LOCATION	L0001127	VOLUME	477287.734	3746462.476	450.33
LOCATION	L0001128	VOLUME	477281.093	3746467.896	450.37
LOCATION	L0001129	VOLUME	477275.457	3746474.358	450.41
LOCATION	L0001130	VOLUME	477268.502	3746479.400	450.46
LOCATION	L0001131	VOLUME	477261.548	3746484.442	450.50
LOCATION	L0001132	VOLUME	477254.593	3746489.484	450.53

LOCATION	L0001133	VOLUME	477247.451	3746494.241	450.56
LOCATION	L0001134	VOLUME	477240.054	3746498.607	450.62
LOCATION	L0001135	VOLUME	477232.656	3746502.973	450.68
LOCATION	L0001136	VOLUME	477225.258	3746507.339	450.74
LOCATION	L0001137	VOLUME	477217.861	3746511.705	450.81
LOCATION	L0001138	VOLUME	477210.463	3746516.071	450.87
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LOCATION	L0001140	VOLUME	477195.668	3746524.804	450.98
LOCATION	L0001141	VOLUME	477188.161	3746528.942	451.04
LOCATION	L0001142	VOLUME	477180.115	3746531.948	451.11
LOCATION	L0001143	VOLUME	477172.068	3746534.954	451.18
LOCATION	L0001144	VOLUME	477164.021	3746537.960	451.25
LOCATION	L0001145	VOLUME	477155.974	3746540.967	451.32
LOCATION	L0001146	VOLUME	477147.928	3746543.973	451.39
LOCATION	L0001147	VOLUME	477139.784	3746546.621	451.46
LOCATION	L0001148	VOLUME	477131.317	3746548.069	451.53
LOCATION	L0001149	VOLUME	477122.850	3746549.516	451.60
LOCATION	L0001150	VOLUME	477114.383	3746550.964	451.66
LOCATION	L0001151	VOLUME	477105.916	3746552.411	451.73
LOCATION	L0001152	VOLUME	477097.448	3746553.859	451.79
LOCATION	L0001153	VOLUME	477088.981	3746555.306	451.86
LOCATION	L0001154	VOLUME	477080.514	3746556.754	451.92
LOCATION	L0001155	VOLUME	477072.047	3746558.201	451.99
LOCATION	L0001156	VOLUME	477063.581	3746559.601	452.06
LOCATION	L0001157	VOLUME	477055.218	3746557.639	452.16
LOCATION	L0001158	VOLUME	477046.856	3746555.676	452.25
LOCATION	L0001159	VOLUME	477038.493	3746553.714	452.34
LOCATION	L0001160	VOLUME	477030.085	3746552.122	452.41
LOCATION	L0001161	VOLUME	477021.495	3746552.027	452.48
LOCATION	L0001162	VOLUME	477012.906	3746551.932	452.56
LOCATION	L0001163	VOLUME	477004.317	3746551.837	452.64
LOCATION	L0001164	VOLUME	476995.727	3746551.742	452.73
LOCATION	L0001165	VOLUME	476987.138	3746551.647	452.81
LOCATION	L0001166	VOLUME	476978.548	3746551.551	452.89
LOCATION	L0001167	VOLUME	476969.959	3746551.456	452.97
LOCATION	L0001168	VOLUME	476961.369	3746551.361	453.04
LOCATION	L0001169	VOLUME	476952.780	3746551.266	453.12
LOCATION	L0001170	VOLUME	476944.190	3746551.171	453.19
LOCATION	L0001171	VOLUME	476935.601	3746551.076	453.26
LOCATION	L0001172	VOLUME	476927.011	3746550.981	453.34
LOCATION	L0001173	VOLUME	476918.422	3746550.886	453.42
LOCATION	L0001174	VOLUME	476909.832	3746550.791	453.50
LOCATION	L0001175	VOLUME	476901.243	3746550.696	453.57
LOCATION	L0001176	VOLUME	476892.653	3746550.601	453.64
LOCATION	L0001177	VOLUME	476884.064	3746550.505	453.72
LOCATION	L0001178	VOLUME	476875.474	3746550.410	453.82
LOCATION	L0001179	VOLUME	476866.885	3746550.315	453.92
LOCATION	L0001180	VOLUME	476858.295	3746550.220	454.01
LOCATION	L0001181	VOLUME	476849.706	3746550.125	454.09
LOCATION	L0001182	VOLUME	476841.117	3746550.030	454.17

LOCATION	L0001183	VOLUME	476832.527	3746549.935	454.25
LOCATION	L0001184	VOLUME	476823.938	3746549.840	454.33
LOCATION	L0001185	VOLUME	476815.348	3746549.745	454.40
LOCATION	L0001186	VOLUME	476806.759	3746549.650	454.48
LOCATION	L0001187	VOLUME	476798.169	3746549.555	454.55
LOCATION	L0001188	VOLUME	476789.580	3746549.459	454.62
LOCATION	L0001189	VOLUME	476780.990	3746549.364	454.70
LOCATION	L0001190	VOLUME	476772.401	3746549.269	454.78
LOCATION	L0001191	VOLUME	476763.811	3746549.174	454.86
LOCATION	L0001192	VOLUME	476755.222	3746549.079	454.94
LOCATION	L0001193	VOLUME	476746.632	3746548.984	455.02
LOCATION	L0001194	VOLUME	476738.043	3746548.889	455.10
LOCATION	L0001195	VOLUME	476729.453	3746548.794	455.18
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LOCATION	L0001198	VOLUME	476703.685	3746548.509	455.41
LOCATION	L0001199	VOLUME	476695.095	3746548.413	455.49
LOCATION	L0001200	VOLUME	476686.532	3746548.875	455.57
LOCATION	L0001201	VOLUME	476678.002	3746549.890	455.63
LOCATION	L0001202	VOLUME	476669.472	3746550.904	455.69
LOCATION	L0001203	VOLUME	476660.943	3746551.919	455.75
LOCATION	L0001204	VOLUME	476652.413	3746552.933	455.80
LOCATION	L0001205	VOLUME	476643.883	3746553.948	455.84
LOCATION	L0001206	VOLUME	476635.353	3746554.962	455.89
LOCATION	L0001207	VOLUME	476627.167	3746557.401	455.97
LOCATION	L0001208	VOLUME	476619.113	3746560.389	456.08
LOCATION	L0001209	VOLUME	476611.059	3746563.376	456.18
LOCATION	L0001210	VOLUME	476603.006	3746566.364	456.27
LOCATION	L0001211	VOLUME	476594.952	3746569.351	456.35
LOCATION	L0001212	VOLUME	476586.898	3746572.339	456.41
LOCATION	L0001213	VOLUME	476578.844	3746575.326	456.45
LOCATION	L0001214	VOLUME	476570.791	3746578.314	456.51
LOCATION	L0001215	VOLUME	476564.080	3746583.394	456.53
LOCATION	L0001216	VOLUME	476558.012	3746589.473	456.58
LOCATION	L0001217	VOLUME	476551.943	3746595.553	456.66
LOCATION	L0001218	VOLUME	476545.874	3746601.632	456.74
LOCATION	L0001219	VOLUME	476539.805	3746607.711	456.79
LOCATION	L0001220	VOLUME	476533.737	3746613.791	456.79
LOCATION	L0001221	VOLUME	476527.668	3746619.870	456.82
LOCATION	L0001222	VOLUME	476523.803	3746627.229	456.91
LOCATION	L0001223	VOLUME	476521.535	3746635.514	456.97
LOCATION	L0001224	VOLUME	476519.266	3746643.799	457.00
LOCATION	L0001225	VOLUME	476515.821	3746651.636	457.04
LOCATION	L0001226	VOLUME	476512.010	3746659.334	457.08
LOCATION	L0001227	VOLUME	476508.198	3746667.032	457.13
LOCATION	L0001228	VOLUME	476504.386	3746674.730	457.17
LOCATION	L0001229	VOLUME	476500.574	3746682.428	457.23
LOCATION	L0001230	VOLUME	476497.747	3746690.531	457.28
LOCATION	L0001231	VOLUME	476495.040	3746698.683	457.34
LOCATION	L0001232	VOLUME	476492.332	3746706.835	457.39

LOCATION	L0001233	VOLUME	476489.625	3746714.988	457.44
LOCATION	L0001234	VOLUME	476486.918	3746723.140	457.50
LOCATION	L0001235	VOLUME	476484.211	3746731.292	457.57
LOCATION	L0001236	VOLUME	476481.504	3746739.444	457.65
LOCATION	L0001237	VOLUME	476478.797	3746747.597	457.69
LOCATION	L0001238	VOLUME	476476.090	3746755.749	457.72
LOCATION	L0001239	VOLUME	476473.753	3746764.010	457.72
LOCATION	L0001240	VOLUME	476471.613	3746772.329	457.71
LOCATION	L0001241	VOLUME	476469.472	3746780.648	457.68
LOCATION	L0001242	VOLUME	476467.331	3746788.967	457.67
LOCATION	L0001243	VOLUME	476465.190	3746797.286	457.69
LOCATION	L0001244	VOLUME	476463.049	3746805.605	457.70
LOCATION	L0001245	VOLUME	476460.908	3746813.924	457.72
LOCATION	L0001246	VOLUME	476458.768	3746822.243	457.75
LOCATION	L0001247	VOLUME	476456.627	3746830.562	457.81
LOCATION	L0001248	VOLUME	476454.013	3746838.674	457.76
LOCATION	L0001249	VOLUME	476449.359	3746845.894	457.71
LOCATION	L0001250	VOLUME	476444.705	3746853.114	457.69
LOCATION	L0001251	VOLUME	476440.051	3746860.334	457.75
LOCATION	L0001252	VOLUME	476435.397	3746867.554	457.81
LOCATION	L0001253	VOLUME	476430.743	3746874.774	457.80
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LOCATION	L0001256	VOLUME	476414.132	3746894.181	457.89
LOCATION	L0001257	VOLUME	476407.753	3746899.934	457.98
LOCATION	L0001258	VOLUME	476401.374	3746905.688	458.03
LOCATION	L0001259	VOLUME	476394.995	3746911.441	457.97
LOCATION	L0001260	VOLUME	476388.617	3746917.194	457.98
LOCATION	L0001261	VOLUME	476382.182	3746922.876	458.09
LOCATION	L0001262	VOLUME	476375.101	3746927.740	458.23
LOCATION	L0001263	VOLUME	476367.372	3746931.487	458.27
LOCATION	L0001264	VOLUME	476359.642	3746935.233	458.30
LOCATION	L0001265	VOLUME	476351.912	3746938.979	458.33
LOCATION	L0001266	VOLUME	476344.181	3746942.725	458.32
LOCATION	L0001267	VOLUME	476336.451	3746946.471	458.32
LOCATION	L0001268	VOLUME	476328.500	3746949.517	458.36
LOCATION	L0001269	VOLUME	476320.021	3746950.896	458.42
LOCATION	L0001270	VOLUME	476311.543	3746952.275	458.47
LOCATION	L0001271	VOLUME	476303.064	3746953.654	458.52
LOCATION	L0001272	VOLUME	476294.585	3746955.033	458.59
LOCATION	L0001273	VOLUME	476286.107	3746956.412	458.64
LOCATION	L0001274	VOLUME	476277.628	3746957.791	458.68
LOCATION	L0001275	VOLUME	476269.150	3746959.170	458.76
LOCATION	L0001276	VOLUME	476260.736	3746957.656	458.97
LOCATION	L0001277	VOLUME	476252.327	3746955.899	459.18
LOCATION	L0001278	VOLUME	476243.919	3746954.142	459.37
LOCATION	L0001279	VOLUME	476235.451	3746952.764	459.54
LOCATION	L0001280	VOLUME	476226.909	3746951.854	459.71
LOCATION	L0001281	VOLUME	476218.361	3746951.054	459.87
LOCATION	L0001282	VOLUME	476209.772	3746950.948	460.01

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   LOCATION L0001283     VOLUME   476201.182 3746950.841 460.15
   LOCATION L0001284     VOLUME   476192.593 3746950.734 460.33
   LOCATION L0001285     VOLUME   476184.004 3746950.627 460.63
   LOCATION L0001286     VOLUME   476175.414 3746950.521 460.93
   LOCATION L0001287     VOLUME   476166.825 3746950.414 461.25
   LOCATION L0001288     VOLUME   476158.236 3746950.307 461.61
   LOCATION L0001289     VOLUME   476149.646 3746950.200 461.97
   LOCATION L0001290     VOLUME   476141.057 3746950.094 462.34
   LOCATION L0001291     VOLUME   476132.468 3746949.987 462.74
   LOCATION L0001292     VOLUME   476123.878 3746949.880 463.14
   LOCATION L0001293     VOLUME   476115.289 3746949.773 463.54
   LOCATION L0001294     VOLUME   476106.700 3746949.667 463.96
   LOCATION L0001295     VOLUME   476098.110 3746949.560 464.38
   LOCATION L0001296     VOLUME   476089.521 3746949.453 464.80
   LOCATION L0001297     VOLUME   476080.932 3746949.346 465.22
   LOCATION L0001298     VOLUME   476072.342 3746949.240 465.64
   LOCATION L0001299     VOLUME   476063.753 3746949.133 466.14
   LOCATION L0001300     VOLUME   476055.164 3746949.026 466.78
   LOCATION L0001301     VOLUME   476046.574 3746948.919 467.42
   LOCATION L0001302     VOLUME   476037.985 3746948.812 467.83
   LOCATION L0001303     VOLUME   476029.396 3746948.706 467.77
** End of LINE VOLUME Source ID = SLINE2
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Drive Aisle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001675
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 8
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** 478229.815, 3746523.497, 447.57, 3.49, 4.00
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   LOCATION L0001305     VOLUME   478262.345 3746523.650 447.95
   LOCATION L0001306     VOLUME   478253.756 3746523.610 447.63
   LOCATION L0001307     VOLUME   478245.166 3746523.569 447.45
   LOCATION L0001308     VOLUME   478236.576 3746523.529 447.41
   LOCATION L0001309     VOLUME   478227.986 3746523.515 447.37
   LOCATION L0001310     VOLUME   478219.396 3746523.602 447.35
   LOCATION L0001311     VOLUME   478210.807 3746523.690 447.36
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LOCATION	L0001312	VOLUME	478202.217	3746523.777	447.37
LOCATION	L0001313	VOLUME	478193.628	3746523.864	447.38
LOCATION	L0001314	VOLUME	478185.038	3746523.846	447.40
LOCATION	L0001315	VOLUME	478176.448	3746523.766	447.43
LOCATION	L0001316	VOLUME	478167.859	3746523.686	447.46
LOCATION	L0001317	VOLUME	478159.269	3746523.606	447.49
LOCATION	L0001318	VOLUME	478150.680	3746523.526	447.52
LOCATION	L0001319	VOLUME	478142.090	3746523.446	447.55
LOCATION	L0001320	VOLUME	478133.500	3746523.366	447.59
LOCATION	L0001321	VOLUME	478124.911	3746523.285	447.62
LOCATION	L0001322	VOLUME	478116.321	3746523.205	447.66
LOCATION	L0001323	VOLUME	478107.731	3746523.171	447.69
LOCATION	L0001324	VOLUME	478099.141	3746523.179	447.72
LOCATION	L0001325	VOLUME	478090.551	3746523.187	447.76
LOCATION	L0001326	VOLUME	478081.961	3746523.195	447.81
LOCATION	L0001327	VOLUME	478073.371	3746523.202	447.85
LOCATION	L0001328	VOLUME	478064.781	3746523.210	447.88
LOCATION	L0001329	VOLUME	478056.191	3746523.218	447.88
LOCATION	L0001330	VOLUME	478047.601	3746523.226	447.89
LOCATION	L0001331	VOLUME	478039.011	3746523.234	447.89
LOCATION	L0001332	VOLUME	478030.421	3746523.242	447.89
LOCATION	L0001333	VOLUME	478021.831	3746523.249	447.89
LOCATION	L0001334	VOLUME	478013.241	3746523.257	447.88
LOCATION	L0001335	VOLUME	478004.651	3746523.265	447.88
LOCATION	L0001336	VOLUME	477996.061	3746523.273	447.87
LOCATION	L0001337	VOLUME	477987.471	3746523.281	447.88
LOCATION	L0001338	VOLUME	477978.881	3746523.288	447.91
LOCATION	L0001339	VOLUME	477970.291	3746523.296	447.93
LOCATION	L0001340	VOLUME	477961.701	3746523.304	447.97
LOCATION	L0001341	VOLUME	477953.111	3746523.312	448.01
LOCATION	L0001342	VOLUME	477944.521	3746523.320	448.05
LOCATION	L0001343	VOLUME	477935.931	3746523.328	448.09
LOCATION	L0001344	VOLUME	477927.341	3746523.335	448.12
LOCATION	L0001345	VOLUME	477918.751	3746523.343	448.15
LOCATION	L0001346	VOLUME	477910.161	3746523.351	448.16
LOCATION	L0001347	VOLUME	477901.571	3746523.359	448.15
LOCATION	L0001348	VOLUME	477892.981	3746523.367	448.15
LOCATION	L0001349	VOLUME	477884.391	3746523.374	448.15
LOCATION	L0001350	VOLUME	477875.801	3746523.382	448.15
LOCATION	L0001351	VOLUME	477867.211	3746523.390	448.14
LOCATION	L0001352	VOLUME	477858.621	3746523.398	448.14
LOCATION	L0001353	VOLUME	477850.031	3746523.406	448.15
LOCATION	L0001354	VOLUME	477841.441	3746523.414	448.16
LOCATION	L0001355	VOLUME	477832.851	3746523.421	448.16
LOCATION	L0001356	VOLUME	477824.261	3746523.429	448.17
LOCATION	L0001357	VOLUME	477815.671	3746523.437	448.17
LOCATION	L0001358	VOLUME	477807.081	3746523.445	448.18
LOCATION	L0001359	VOLUME	477798.491	3746523.453	448.19
LOCATION	L0001360	VOLUME	477789.901	3746523.460	448.20
LOCATION	L0001361	VOLUME	477781.311	3746523.468	448.23

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   LOCATION L0001362     VOLUME   477772.721 3746523.476 448.26
   LOCATION L0001363     VOLUME   477764.131 3746523.484 448.29
   LOCATION L0001364     VOLUME   477755.541 3746523.492 448.31
   LOCATION L0001365     VOLUME   477746.951 3746523.499 448.33
   LOCATION L0001366     VOLUME   477739.478 3746520.991 448.45
   LOCATION L0001367     VOLUME   477733.718 3746514.618 448.44
   LOCATION L0001368     VOLUME   477727.958 3746508.245 448.42
   LOCATION L0001369     VOLUME   477722.199 3746501.872 448.39
   LOCATION L0001370     VOLUME   477716.439 3746495.499 448.36
   LOCATION L0001371     VOLUME   477713.221 3746488.126 448.34
   LOCATION L0001372     VOLUME   477713.096 3746479.537 448.31
   LOCATION L0001373     VOLUME   477712.971 3746470.948 448.28
   LOCATION L0001374     VOLUME   477712.846 3746462.359 448.26
   LOCATION L0001375     VOLUME   477712.730 3746453.770 448.23
   LOCATION L0001376     VOLUME   477712.625 3746445.181 448.21
   LOCATION L0001377     VOLUME   477712.521 3746436.591 448.19
   LOCATION L0001378     VOLUME   477712.417 3746428.002 448.17
   LOCATION L0001379     VOLUME   477712.312 3746419.412 448.16
   LOCATION L0001380     VOLUME   477712.208 3746410.823 448.15
   LOCATION L0001381     VOLUME   477712.103 3746402.234 448.14
   LOCATION L0001382     VOLUME   477711.999 3746393.644 448.13
   LOCATION L0001383     VOLUME   477711.894 3746385.055 448.13
** End of LINE VOLUME Source ID = SLINE3
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Loading Area
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00005135
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 478188.852, 3746503.881, 447.58, 3.49, 4.00
** 477746.190, 3746503.966, 448.41, 3.49, 4.00
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   LOCATION L0001385     VOLUME   478175.967 3746503.883 447.62
   LOCATION L0001386     VOLUME   478167.377 3746503.885 447.65
   LOCATION L0001387     VOLUME   478158.787 3746503.887 447.68
   LOCATION L0001388     VOLUME   478150.197 3746503.888 447.71
   LOCATION L0001389     VOLUME   478141.607 3746503.890 447.74
   LOCATION L0001390     VOLUME   478133.017 3746503.892 447.76
   LOCATION L0001391     VOLUME   478124.427 3746503.893 447.79
   LOCATION L0001392     VOLUME   478115.837 3746503.895 447.82
   LOCATION L0001393     VOLUME   478107.247 3746503.897 447.86
   LOCATION L0001394     VOLUME   478098.657 3746503.898 447.89
   LOCATION L0001395     VOLUME   478090.067 3746503.900 447.92
   LOCATION L0001396     VOLUME   478081.477 3746503.902 447.96
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   LOCATION L0001399     VOLUME   478055.707 3746503.906 448.02
   LOCATION L0001400     VOLUME   478047.117 3746503.908 448.03
   LOCATION L0001401     VOLUME   478038.527 3746503.910 448.02
   LOCATION L0001402     VOLUME   478029.937 3746503.911 448.02
   LOCATION L0001403     VOLUME   478021.347 3746503.913 448.01
   LOCATION L0001404     VOLUME   478012.757 3746503.915 448.00
   LOCATION L0001405     VOLUME   478004.167 3746503.916 448.00
   LOCATION L0001406     VOLUME   477995.577 3746503.918 447.99
   LOCATION L0001407     VOLUME   477986.987 3746503.920 448.01
   LOCATION L0001408     VOLUME   477978.397 3746503.921 448.05
   LOCATION L0001409     VOLUME   477969.807 3746503.923 448.08
   LOCATION L0001410     VOLUME   477961.217 3746503.925 448.13
   LOCATION L0001411     VOLUME   477952.627 3746503.926 448.18
   LOCATION L0001412     VOLUME   477944.037 3746503.928 448.23
   LOCATION L0001413     VOLUME   477935.447 3746503.930 448.26
   LOCATION L0001414     VOLUME   477926.857 3746503.931 448.28
   LOCATION L0001415     VOLUME   477918.267 3746503.933 448.31
   LOCATION L0001416     VOLUME   477909.677 3746503.935 448.31
   LOCATION L0001417     VOLUME   477901.087 3746503.936 448.30
   LOCATION L0001418     VOLUME   477892.497 3746503.938 448.30
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   LOCATION L0001420     VOLUME   477875.317 3746503.941 448.27
   LOCATION L0001421     VOLUME   477866.727 3746503.943 448.25
   LOCATION L0001422     VOLUME   477858.137 3746503.945 448.25
   LOCATION L0001423     VOLUME   477849.547 3746503.946 448.25
   LOCATION L0001424     VOLUME   477840.957 3746503.948 448.25
   LOCATION L0001425     VOLUME   477832.367 3746503.949 448.25
   LOCATION L0001426     VOLUME   477823.777 3746503.951 448.25
   LOCATION L0001427     VOLUME   477815.187 3746503.953 448.25
   LOCATION L0001428     VOLUME   477806.597 3746503.954 448.25
   LOCATION L0001429     VOLUME   477798.007 3746503.956 448.27
   LOCATION L0001430     VOLUME   477789.417 3746503.958 448.28
   LOCATION L0001431     VOLUME   477780.827 3746503.959 448.30
   LOCATION L0001432     VOLUME   477772.237 3746503.961 448.33
   LOCATION L0001433     VOLUME   477763.647 3746503.963 448.36
   LOCATION L0001434     VOLUME   477755.057 3746503.964 448.38
   LOCATION L0001435     VOLUME   477746.467 3746503.966 448.39
** End of LINE VOLUME Source ID = SLINE4
** Source Parameters **
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   SRCPARAM L0000997     0.0000001323      3.49      4.00      3.25
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   SRCPARAM L0001002     0.0000001323      3.49      4.00      3.25
   SRCPARAM L0001003     0.0000001323      3.49      4.00      3.25
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SRCPARAM L0001175	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001176	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001177	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001178	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001179	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001180	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001181	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001182	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001183	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001184	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001185	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001186	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001187	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001188	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001189	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001190	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001191	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001192	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001193	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001194	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001195	0.00000007936	3.49	4.00	3.25

SRCPARAM L0001196	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001197	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001198	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001199	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001200	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001201	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001202	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001203	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001204	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001205	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001206	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001207	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001208	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001209	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001210	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001211	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001212	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001213	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001214	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001215	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001216	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001217	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001218	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001219	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001220	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001221	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001222	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001223	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001224	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001225	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001226	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001227	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001228	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001229	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001230	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001231	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001232	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001233	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001234	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001235	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001236	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001237	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001238	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001239	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001240	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001241	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001242	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001243	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001244	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001245	0.00000007936	3.49	4.00	3.25

SRCPARAM L0001246	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001247	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001248	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001249	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001250	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001251	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001252	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001253	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001254	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001255	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001256	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001257	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001258	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001259	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001260	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001261	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001262	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001263	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001264	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001265	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001266	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001267	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001268	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001269	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001270	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001271	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001272	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001273	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001274	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001275	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001276	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001277	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001278	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001279	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001280	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001281	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001282	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001283	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001284	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001285	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001286	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001287	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001288	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001289	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001290	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001291	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001292	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001293	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001294	0.00000007936	3.49	4.00	3.25
SRCPARAM L0001295	0.00000007936	3.49	4.00	3.25

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   SRCPARAM L0001296     0.00000007936      3.49      4.00      3.25
   SRCPARAM L0001297     0.00000007936      3.49      4.00      3.25
   SRCPARAM L0001298     0.00000007936      3.49      4.00      3.25
   SRCPARAM L0001299     0.00000007936      3.49      4.00      3.25
   SRCPARAM L0001300     0.00000007936      3.49      4.00      3.25
   SRCPARAM L0001301     0.00000007936      3.49      4.00      3.25
   SRCPARAM L0001302     0.00000007936      3.49      4.00      3.25
   SRCPARAM L0001303     0.00000007936      3.49      4.00      3.25
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0001304     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001305     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001306     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001307     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001308     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001309     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001310     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001311     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001312     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001313     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001314     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001315     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001316     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001317     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001318     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001319     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001320     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001321     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001322     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001323     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001324     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001325     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001326     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001327     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001328     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001329     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001330     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001331     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001332     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001333     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001334     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001335     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001336     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001337     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001338     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001339     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001340     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001341     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001342     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001343     0.0000002094      3.49      4.00      3.25
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   SRCPARAM L0001344     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001345     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001346     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001347     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001348     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001349     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001350     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001351     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001352     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001353     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001354     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001355     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001356     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001357     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001358     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001359     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001360     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001361     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001362     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001363     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001364     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001365     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001366     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001367     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001368     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001369     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001370     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001371     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001372     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001373     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001374     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001375     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001376     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001377     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001378     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001379     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001380     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001381     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001382     0.0000002094      3.49      4.00      3.25
   SRCPARAM L0001383     0.0000002094      3.49      4.00      3.25
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0001384     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001385     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001386     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001387     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001388     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001389     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001390     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001391     0.0000009875      3.49      4.00      3.25
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   SRCPARAM L0001392     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001393     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001394     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001395     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001396     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001397     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001398     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001399     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001400     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001401     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001402     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001403     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001404     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001405     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001406     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001407     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001408     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001409     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001410     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001411     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001412     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001413     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001414     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001415     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001416     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001417     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001418     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001419     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001420     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001421     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001422     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001423     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001424     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001425     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001426     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001427     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001428     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001429     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001430     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001431     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001432     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001433     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001434     0.0000009875      3.49      4.00      3.25
   SRCPARAM L0001435     0.0000009875      3.49      4.00      3.25
** ----------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
****************************************
```

```
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED ProjAB2.rou
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE "..\..\..\Desktop\_HRA_MET and TOPO data\peri_sfc_pfl\PERI_V11_trimmed.sfc"
   PROFFILE "..\..\..\Desktop\_HRA_MET and TOPO data\peri_sfc_pfl\PERI_V11_trimmed.pfl"
   SURFDATA 3171 2016
   UAIRDATA 3190 2016
   SITEDATA 60656001 2016
   PROFBASE 442.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL PROJAB2.AD\PE00GALL.PLT 31
   SUMMFILE ProjAB2.sum
OU FINISHED


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

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

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


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


    ********   WARNING MESSAGES   ********
 ME W186    1071       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used           0.50
 ME W187    1071       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
```

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

```
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

** Model Options Selected:
     * Model Uses Regulatory DEFAULT Options
     * Model Is Setup For Calculation of Average CONCentration Values.
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE  =  F
     * Model Uses NO WET DEPLETION. WETDPLT  =  F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses URBAN Dispersion Algorithm for the SBL for   446 Source(s),
       for Total of    1 Urban Area(s):
  Urban Population =   2492442.0 ;  Urban Roughness Length =  1.000 m
     * Urban Roughness Length of 1.0 Meter Used.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * CCVR_Sub - Meteorological data includes CCVR substitutions
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Assumes No FLAGPOLE Receptor Heights.
     * The User Specified a Pollutant Type of: DPM

**Model Calculates PERIOD Averages Only

**This Run Includes:    446 Source(s);       1 Source Group(s); and     766 Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:    446 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


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

**The AERMET Input Meteorological Data Version Date:  22112

**Output Options Selected:
```

```
         Model Outputs Tables of PERIOD 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) =   442.00 ;  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.

**Input Runstream File:          aermod.inp
**Output Print File:             aermod.out

**Detailed Error/Message File:   ProjAB2.err
**File for Summary of Results:   ProjAB2.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000990	0	0.13230E-06	478282.1	3746515.1	448.4	3.49	4.00	3.25	YES		NO
L0000991	0	0.13230E-06	478282.2	3746506.5	448.4	3.49	4.00	3.25	YES		NO
L0000992	0	0.13230E-06	478282.2	3746497.9	448.3	3.49	4.00	3.25	YES		NO
L0000993	0	0.13230E-06	478282.3	3746489.3	448.3	3.49	4.00	3.25	YES		NO
L0000994	0	0.13230E-06	478282.4	3746480.8	448.2	3.49	4.00	3.25	YES		NO
L0000995	0	0.13230E-06	478282.4	3746472.2	448.1	3.49	4.00	3.25	YES		NO
L0000996	0	0.13230E-06	478282.5	3746463.6	448.0	3.49	4.00	3.25	YES		NO
L0000997	0	0.13230E-06	478282.5	3746455.0	447.9	3.49	4.00	3.25	YES		NO
L0000998	0	0.13230E-06	478282.6	3746446.4	447.9	3.49	4.00	3.25	YES		NO
L0000999	0	0.13230E-06	478282.7	3746437.8	447.8	3.49	4.00	3.25	YES		NO
L0001000	0	0.13230E-06	478282.7	3746429.2	447.7	3.49	4.00	3.25	YES		NO
L0001001	0	0.13230E-06	478282.8	3746420.6	447.6	3.49	4.00	3.25	YES		NO
L0001002	0	0.13230E-06	478282.8	3746412.0	447.5	3.49	4.00	3.25	YES		NO
L0001003	0	0.13230E-06	478282.9	3746403.5	447.4	3.49	4.00	3.25	YES		NO
L0001004	0	0.13230E-06	478282.9	3746394.9	447.3	3.49	4.00	3.25	YES		NO
L0001005	0	0.13230E-06	478283.0	3746386.3	447.2	3.49	4.00	3.25	YES		NO
L0001006	0	0.13230E-06	478283.1	3746377.7	447.1	3.49	4.00	3.25	YES		NO
L0001007	0	0.13230E-06	478283.1	3746369.1	447.0	3.49	4.00	3.25	YES		NO
L0001008	0	0.79360E-07	478277.1	3746366.6	447.0	3.49	4.00	3.25	YES		NO
L0001009	0	0.79360E-07	478268.6	3746366.6	447.0	3.49	4.00	3.25	YES		NO
L0001010	0	0.79360E-07	478260.0	3746366.6	447.0	3.49	4.00	3.25	YES		NO
L0001011	0	0.79360E-07	478251.4	3746366.5	447.0	3.49	4.00	3.25	YES		NO
L0001012	0	0.79360E-07	478242.8	3746366.5	447.1	3.49	4.00	3.25	YES		NO
L0001013	0	0.79360E-07	478234.2	3746366.5	447.1	3.49	4.00	3.25	YES		NO
L0001014	0	0.79360E-07	478225.6	3746366.5	447.2	3.49	4.00	3.25	YES		NO
L0001015	0	0.79360E-07	478217.0	3746366.5	447.2	3.49	4.00	3.25	YES		NO
L0001016	0	0.79360E-07	478208.4	3746366.4	447.2	3.49	4.00	3.25	YES		NO
L0001017	0	0.79360E-07	478199.8	3746366.4	447.2	3.49	4.00	3.25	YES		NO
L0001018	0	0.79360E-07	478191.2	3746366.4	447.2	3.49	4.00	3.25	YES		NO
L0001019	0	0.79360E-07	478182.7	3746366.4	447.3	3.49	4.00	3.25	YES		NO
L0001020	0	0.79360E-07	478174.1	3746366.4	447.3	3.49	4.00	3.25	YES		NO
L0001021	0	0.79360E-07	478165.5	3746366.3	447.3	3.49	4.00	3.25	YES		NO
L0001022	0	0.79360E-07	478156.9	3746366.3	447.3	3.49	4.00	3.25	YES		NO
L0001023	0	0.79360E-07	478148.3	3746366.3	447.4	3.49	4.00	3.25	YES		NO
L0001024	0	0.79360E-07	478139.7	3746366.3	447.4	3.49	4.00	3.25	YES		NO
L0001025	0	0.79360E-07	478131.1	3746366.3	447.4	3.49	4.00	3.25	YES		NO
L0001026	0	0.79360E-07	478122.5	3746366.2	447.4	3.49	4.00	3.25	YES		NO
L0001027	0	0.79360E-07	478113.9	3746366.2	447.4	3.49	4.00	3.25	YES		NO
L0001028	0	0.79360E-07	478105.3	3746366.2	447.4	3.49	4.00	3.25	YES		NO
L0001029	0	0.79360E-07	478096.8	3746366.2	447.5	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001030	0	0.79360E-07	478088.2	3746366.2	447.5	3.49	4.00	3.25	YES		NO
L0001031	0	0.79360E-07	478079.6	3746366.1	447.5	3.49	4.00	3.25	YES		NO
L0001032	0	0.79360E-07	478071.0	3746366.1	447.5	3.49	4.00	3.25	YES		NO
L0001033	0	0.79360E-07	478062.4	3746366.1	447.5	3.49	4.00	3.25	YES		NO
L0001034	0	0.79360E-07	478053.8	3746366.1	447.5	3.49	4.00	3.25	YES		NO
L0001035	0	0.79360E-07	478045.2	3746366.1	447.5	3.49	4.00	3.25	YES		NO
L0001036	0	0.79360E-07	478036.6	3746366.0	447.5	3.49	4.00	3.25	YES		NO
L0001037	0	0.79360E-07	478028.0	3746366.0	447.5	3.49	4.00	3.25	YES		NO
L0001038	0	0.79360E-07	478019.4	3746366.0	447.5	3.49	4.00	3.25	YES		NO
L0001039	0	0.79360E-07	478010.9	3746366.0	447.5	3.49	4.00	3.25	YES		NO
L0001040	0	0.79360E-07	478002.3	3746365.9	447.6	3.49	4.00	3.25	YES		NO
L0001041	0	0.79360E-07	477993.7	3746365.9	447.6	3.49	4.00	3.25	YES		NO
L0001042	0	0.79360E-07	477985.1	3746365.9	447.6	3.49	4.00	3.25	YES		NO
L0001043	0	0.79360E-07	477976.5	3746365.9	447.7	3.49	4.00	3.25	YES		NO
L0001044	0	0.79360E-07	477967.9	3746365.9	447.7	3.49	4.00	3.25	YES		NO
L0001045	0	0.79360E-07	477959.3	3746365.8	447.8	3.49	4.00	3.25	YES		NO
L0001046	0	0.79360E-07	477950.7	3746365.8	447.8	3.49	4.00	3.25	YES		NO
L0001047	0	0.79360E-07	477942.1	3746365.8	447.8	3.49	4.00	3.25	YES		NO
L0001048	0	0.79360E-07	477933.5	3746365.8	447.8	3.49	4.00	3.25	YES		NO
L0001049	0	0.79360E-07	477925.0	3746365.8	447.9	3.49	4.00	3.25	YES		NO
L0001050	0	0.79360E-07	477916.4	3746365.7	447.9	3.49	4.00	3.25	YES		NO
L0001051	0	0.79360E-07	477907.8	3746365.7	447.9	3.49	4.00	3.25	YES		NO
L0001052	0	0.79360E-07	477899.2	3746365.7	447.9	3.49	4.00	3.25	YES		NO
L0001053	0	0.79360E-07	477890.6	3746365.7	447.9	3.49	4.00	3.25	YES		NO
L0001054	0	0.79360E-07	477882.0	3746365.7	447.9	3.49	4.00	3.25	YES		NO
L0001055	0	0.79360E-07	477873.4	3746365.6	447.9	3.49	4.00	3.25	YES		NO
L0001056	0	0.79360E-07	477864.8	3746365.6	447.8	3.49	4.00	3.25	YES		NO
L0001057	0	0.79360E-07	477856.2	3746365.6	447.8	3.49	4.00	3.25	YES		NO
L0001058	0	0.79360E-07	477847.6	3746365.6	447.8	3.49	4.00	3.25	YES		NO
L0001059	0	0.79360E-07	477839.1	3746365.6	447.8	3.49	4.00	3.25	YES		NO
L0001060	0	0.79360E-07	477830.5	3746365.5	447.9	3.49	4.00	3.25	YES		NO
L0001061	0	0.79360E-07	477821.9	3746365.5	447.9	3.49	4.00	3.25	YES		NO
L0001062	0	0.79360E-07	477813.3	3746365.5	447.9	3.49	4.00	3.25	YES		NO
L0001063	0	0.79360E-07	477804.7	3746365.5	447.9	3.49	4.00	3.25	YES		NO
L0001064	0	0.79360E-07	477796.1	3746365.5	447.9	3.49	4.00	3.25	YES		NO
L0001065	0	0.79360E-07	477787.5	3746365.4	447.9	3.49	4.00	3.25	YES		NO
L0001066	0	0.79360E-07	477778.9	3746365.4	448.0	3.49	4.00	3.25	YES		NO
L0001067	0	0.79360E-07	477770.3	3746365.4	448.0	3.49	4.00	3.25	YES		NO
L0001068	0	0.79360E-07	477761.7	3746365.4	448.0	3.49	4.00	3.25	YES		NO
L0001069	0	0.79360E-07	477753.2	3746365.4	448.0	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001070	0	0.79360E-07	477744.6	3746365.3	448.1	3.49	4.00	3.25	YES		NO
L0001071	0	0.79360E-07	477736.0	3746365.3	448.1	3.49	4.00	3.25	YES		NO
L0001072	0	0.79360E-07	477727.4	3746365.3	448.1	3.49	4.00	3.25	YES		NO
L0001073	0	0.79360E-07	477718.8	3746365.3	448.1	3.49	4.00	3.25	YES		NO
L0001074	0	0.79360E-07	477710.2	3746365.3	448.1	3.49	4.00	3.25	YES		NO
L0001075	0	0.79360E-07	477701.6	3746365.2	448.2	3.49	4.00	3.25	YES		NO
L0001076	0	0.79360E-07	477693.0	3746365.2	448.2	3.49	4.00	3.25	YES		NO
L0001077	0	0.79360E-07	477684.4	3746365.2	448.2	3.49	4.00	3.25	YES		NO
L0001078	0	0.79360E-07	477675.8	3746365.2	448.3	3.49	4.00	3.25	YES		NO
L0001079	0	0.79360E-07	477667.3	3746365.2	448.3	3.49	4.00	3.25	YES		NO
L0001080	0	0.79360E-07	477658.7	3746365.1	448.3	3.49	4.00	3.25	YES		NO
L0001081	0	0.79360E-07	477650.1	3746365.1	448.4	3.49	4.00	3.25	YES		NO
L0001082	0	0.79360E-07	477641.5	3746365.1	448.4	3.49	4.00	3.25	YES		NO
L0001083	0	0.79360E-07	477632.9	3746365.1	448.4	3.49	4.00	3.25	YES		NO
L0001084	0	0.79360E-07	477624.3	3746365.1	448.4	3.49	4.00	3.25	YES		NO
L0001085	0	0.79360E-07	477615.7	3746365.0	448.5	3.49	4.00	3.25	YES		NO
L0001086	0	0.79360E-07	477607.1	3746365.0	448.5	3.49	4.00	3.25	YES		NO
L0001087	0	0.79360E-07	477598.5	3746365.0	448.6	3.49	4.00	3.25	YES		NO
L0001088	0	0.79360E-07	477590.0	3746365.0	448.6	3.49	4.00	3.25	YES		NO
L0001089	0	0.79360E-07	477581.4	3746365.1	448.7	3.49	4.00	3.25	YES		NO
L0001090	0	0.79360E-07	477572.8	3746365.2	448.7	3.49	4.00	3.25	YES		NO
L0001091	0	0.79360E-07	477564.2	3746365.4	448.8	3.49	4.00	3.25	YES		NO
L0001092	0	0.79360E-07	477555.6	3746365.5	448.8	3.49	4.00	3.25	YES		NO
L0001093	0	0.79360E-07	477547.0	3746365.6	448.9	3.49	4.00	3.25	YES		NO
L0001094	0	0.79360E-07	477538.7	3746363.4	448.9	3.49	4.00	3.25	YES		NO
L0001095	0	0.79360E-07	477530.2	3746362.5	449.0	3.49	4.00	3.25	YES		NO
L0001096	0	0.79360E-07	477521.8	3746360.9	449.0	3.49	4.00	3.25	YES		NO
L0001097	0	0.79360E-07	477513.3	3746360.0	449.1	3.49	4.00	3.25	YES		NO
L0001098	0	0.79360E-07	477504.9	3746361.9	449.1	3.49	4.00	3.25	YES		NO
L0001099	0	0.79360E-07	477496.6	3746364.2	449.2	3.49	4.00	3.25	YES		NO
L0001100	0	0.79360E-07	477488.9	3746367.7	449.3	3.49	4.00	3.25	YES		NO
L0001101	0	0.79360E-07	477482.2	3746373.0	449.3	3.49	4.00	3.25	YES		NO
L0001102	0	0.79360E-07	477476.5	3746379.3	449.4	3.49	4.00	3.25	YES		NO
L0001103	0	0.79360E-07	477471.5	3746386.2	449.5	3.49	4.00	3.25	YES		NO
L0001104	0	0.79360E-07	477464.7	3746391.1	449.5	3.49	4.00	3.25	YES		NO
L0001105	0	0.79360E-07	477456.6	3746394.0	449.6	3.49	4.00	3.25	YES		NO
L0001106	0	0.79360E-07	477448.2	3746395.2	449.7	3.49	4.00	3.25	YES		NO
L0001107	0	0.79360E-07	477439.6	3746395.6	449.8	3.49	4.00	3.25	YES		NO
L0001108	0	0.79360E-07	477431.0	3746396.1	449.8	3.49	4.00	3.25	YES		NO
L0001109	0	0.79360E-07	477422.4	3746396.6	449.9	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001110	0	0.79360E-07	477413.9	3746397.1	449.9	3.49	4.00	3.25	YES		NO
L0001111	0	0.79360E-07	477405.3	3746397.6	449.9	3.49	4.00	3.25	YES		NO
L0001112	0	0.79360E-07	477396.8	3746398.6	449.9	3.49	4.00	3.25	YES		NO
L0001113	0	0.79360E-07	477388.2	3746399.6	449.9	3.49	4.00	3.25	YES		NO
L0001114	0	0.79360E-07	477379.7	3746400.6	449.9	3.49	4.00	3.25	YES		NO
L0001115	0	0.79360E-07	477371.8	3746403.4	449.9	3.49	4.00	3.25	YES		NO
L0001116	0	0.79360E-07	477364.5	3746407.9	449.9	3.49	4.00	3.25	YES		NO
L0001117	0	0.79360E-07	477357.2	3746412.4	450.0	3.49	4.00	3.25	YES		NO
L0001118	0	0.79360E-07	477349.8	3746416.9	450.0	3.49	4.00	3.25	YES		NO
L0001119	0	0.79360E-07	477342.5	3746421.4	450.1	3.49	4.00	3.25	YES		NO
L0001120	0	0.79360E-07	477335.2	3746425.9	450.1	3.49	4.00	3.25	YES		NO
L0001121	0	0.79360E-07	477327.9	3746430.4	450.1	3.49	4.00	3.25	YES		NO
L0001122	0	0.79360E-07	477321.6	3746436.1	450.2	3.49	4.00	3.25	YES		NO
L0001123	0	0.79360E-07	477314.8	3746441.4	450.2	3.49	4.00	3.25	YES		NO
L0001124	0	0.79360E-07	477308.1	3746446.6	450.2	3.49	4.00	3.25	YES		NO
L0001125	0	0.79360E-07	477301.3	3746451.9	450.3	3.49	4.00	3.25	YES		NO
L0001126	0	0.79360E-07	477294.5	3746457.2	450.3	3.49	4.00	3.25	YES		NO
L0001127	0	0.79360E-07	477287.7	3746462.5	450.3	3.49	4.00	3.25	YES		NO
L0001128	0	0.79360E-07	477281.1	3746467.9	450.4	3.49	4.00	3.25	YES		NO
L0001129	0	0.79360E-07	477275.5	3746474.4	450.4	3.49	4.00	3.25	YES		NO
L0001130	0	0.79360E-07	477268.5	3746479.4	450.5	3.49	4.00	3.25	YES		NO
L0001131	0	0.79360E-07	477261.5	3746484.4	450.5	3.49	4.00	3.25	YES		NO
L0001132	0	0.79360E-07	477254.6	3746489.5	450.5	3.49	4.00	3.25	YES		NO
L0001133	0	0.79360E-07	477247.5	3746494.2	450.6	3.49	4.00	3.25	YES		NO
L0001134	0	0.79360E-07	477240.1	3746498.6	450.6	3.49	4.00	3.25	YES		NO
L0001135	0	0.79360E-07	477232.7	3746503.0	450.7	3.49	4.00	3.25	YES		NO
L0001136	0	0.79360E-07	477225.3	3746507.3	450.7	3.49	4.00	3.25	YES		NO
L0001137	0	0.79360E-07	477217.9	3746511.7	450.8	3.49	4.00	3.25	YES		NO
L0001138	0	0.79360E-07	477210.5	3746516.1	450.9	3.49	4.00	3.25	YES		NO
L0001139	0	0.79360E-07	477203.1	3746520.4	450.9	3.49	4.00	3.25	YES		NO
L0001140	0	0.79360E-07	477195.7	3746524.8	451.0	3.49	4.00	3.25	YES		NO
L0001141	0	0.79360E-07	477188.2	3746528.9	451.0	3.49	4.00	3.25	YES		NO
L0001142	0	0.79360E-07	477180.1	3746531.9	451.1	3.49	4.00	3.25	YES		NO
L0001143	0	0.79360E-07	477172.1	3746535.0	451.2	3.49	4.00	3.25	YES		NO
L0001144	0	0.79360E-07	477164.0	3746538.0	451.2	3.49	4.00	3.25	YES		NO
L0001145	0	0.79360E-07	477156.0	3746541.0	451.3	3.49	4.00	3.25	YES		NO
L0001146	0	0.79360E-07	477147.9	3746544.0	451.4	3.49	4.00	3.25	YES		NO
L0001147	0	0.79360E-07	477139.8	3746546.6	451.5	3.49	4.00	3.25	YES		NO
L0001148	0	0.79360E-07	477131.3	3746548.1	451.5	3.49	4.00	3.25	YES		NO
L0001149	0	0.79360E-07	477122.8	3746549.5	451.6	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001150	0	0.79360E-07	477114.4	3746551.0	451.7	3.49	4.00	3.25	YES		NO
L0001151	0	0.79360E-07	477105.9	3746552.4	451.7	3.49	4.00	3.25	YES		NO
L0001152	0	0.79360E-07	477097.4	3746553.9	451.8	3.49	4.00	3.25	YES		NO
L0001153	0	0.79360E-07	477089.0	3746555.3	451.9	3.49	4.00	3.25	YES		NO
L0001154	0	0.79360E-07	477080.5	3746556.8	451.9	3.49	4.00	3.25	YES		NO
L0001155	0	0.79360E-07	477072.0	3746558.2	452.0	3.49	4.00	3.25	YES		NO
L0001156	0	0.79360E-07	477063.6	3746559.6	452.1	3.49	4.00	3.25	YES		NO
L0001157	0	0.79360E-07	477055.2	3746557.6	452.2	3.49	4.00	3.25	YES		NO
L0001158	0	0.79360E-07	477046.9	3746555.7	452.2	3.49	4.00	3.25	YES		NO
L0001159	0	0.79360E-07	477038.5	3746553.7	452.3	3.49	4.00	3.25	YES		NO
L0001160	0	0.79360E-07	477030.1	3746552.1	452.4	3.49	4.00	3.25	YES		NO
L0001161	0	0.79360E-07	477021.5	3746552.0	452.5	3.49	4.00	3.25	YES		NO
L0001162	0	0.79360E-07	477012.9	3746551.9	452.6	3.49	4.00	3.25	YES		NO
L0001163	0	0.79360E-07	477004.3	3746551.8	452.6	3.49	4.00	3.25	YES		NO
L0001164	0	0.79360E-07	476995.7	3746551.7	452.7	3.49	4.00	3.25	YES		NO
L0001165	0	0.79360E-07	476987.1	3746551.6	452.8	3.49	4.00	3.25	YES		NO
L0001166	0	0.79360E-07	476978.5	3746551.6	452.9	3.49	4.00	3.25	YES		NO
L0001167	0	0.79360E-07	476970.0	3746551.5	453.0	3.49	4.00	3.25	YES		NO
L0001168	0	0.79360E-07	476961.4	3746551.4	453.0	3.49	4.00	3.25	YES		NO
L0001169	0	0.79360E-07	476952.8	3746551.3	453.1	3.49	4.00	3.25	YES		NO
L0001170	0	0.79360E-07	476944.2	3746551.2	453.2	3.49	4.00	3.25	YES		NO
L0001171	0	0.79360E-07	476935.6	3746551.1	453.3	3.49	4.00	3.25	YES		NO
L0001172	0	0.79360E-07	476927.0	3746551.0	453.3	3.49	4.00	3.25	YES		NO
L0001173	0	0.79360E-07	476918.4	3746550.9	453.4	3.49	4.00	3.25	YES		NO
L0001174	0	0.79360E-07	476909.8	3746550.8	453.5	3.49	4.00	3.25	YES		NO
L0001175	0	0.79360E-07	476901.2	3746550.7	453.6	3.49	4.00	3.25	YES		NO
L0001176	0	0.79360E-07	476892.7	3746550.6	453.6	3.49	4.00	3.25	YES		NO
L0001177	0	0.79360E-07	476884.1	3746550.5	453.7	3.49	4.00	3.25	YES		NO
L0001178	0	0.79360E-07	476875.5	3746550.4	453.8	3.49	4.00	3.25	YES		NO
L0001179	0	0.79360E-07	476866.9	3746550.3	453.9	3.49	4.00	3.25	YES		NO
L0001180	0	0.79360E-07	476858.3	3746550.2	454.0	3.49	4.00	3.25	YES		NO
L0001181	0	0.79360E-07	476849.7	3746550.1	454.1	3.49	4.00	3.25	YES		NO
L0001182	0	0.79360E-07	476841.1	3746550.0	454.2	3.49	4.00	3.25	YES		NO
L0001183	0	0.79360E-07	476832.5	3746549.9	454.2	3.49	4.00	3.25	YES		NO
L0001184	0	0.79360E-07	476823.9	3746549.8	454.3	3.49	4.00	3.25	YES		NO
L0001185	0	0.79360E-07	476815.3	3746549.7	454.4	3.49	4.00	3.25	YES		NO
L0001186	0	0.79360E-07	476806.8	3746549.6	454.5	3.49	4.00	3.25	YES		NO
L0001187	0	0.79360E-07	476798.2	3746549.6	454.6	3.49	4.00	3.25	YES		NO
L0001188	0	0.79360E-07	476789.6	3746549.5	454.6	3.49	4.00	3.25	YES		NO
L0001189	0	0.79360E-07	476781.0	3746549.4	454.7	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001190	0	0.79360E-07	476772.4	3746549.3	454.8	3.49	4.00	3.25	YES		NO
L0001191	0	0.79360E-07	476763.8	3746549.2	454.9	3.49	4.00	3.25	YES		NO
L0001192	0	0.79360E-07	476755.2	3746549.1	454.9	3.49	4.00	3.25	YES		NO
L0001193	0	0.79360E-07	476746.6	3746549.0	455.0	3.49	4.00	3.25	YES		NO
L0001194	0	0.79360E-07	476738.0	3746548.9	455.1	3.49	4.00	3.25	YES		NO
L0001195	0	0.79360E-07	476729.5	3746548.8	455.2	3.49	4.00	3.25	YES		NO
L0001196	0	0.79360E-07	476720.9	3746548.7	455.2	3.49	4.00	3.25	YES		NO
L0001197	0	0.79360E-07	476712.3	3746548.6	455.3	3.49	4.00	3.25	YES		NO
L0001198	0	0.79360E-07	476703.7	3746548.5	455.4	3.49	4.00	3.25	YES		NO
L0001199	0	0.79360E-07	476695.1	3746548.4	455.5	3.49	4.00	3.25	YES		NO
L0001200	0	0.79360E-07	476686.5	3746548.9	455.6	3.49	4.00	3.25	YES		NO
L0001201	0	0.79360E-07	476678.0	3746549.9	455.6	3.49	4.00	3.25	YES		NO
L0001202	0	0.79360E-07	476669.5	3746550.9	455.7	3.49	4.00	3.25	YES		NO
L0001203	0	0.79360E-07	476660.9	3746551.9	455.8	3.49	4.00	3.25	YES		NO
L0001204	0	0.79360E-07	476652.4	3746552.9	455.8	3.49	4.00	3.25	YES		NO
L0001205	0	0.79360E-07	476643.9	3746553.9	455.8	3.49	4.00	3.25	YES		NO
L0001206	0	0.79360E-07	476635.4	3746555.0	455.9	3.49	4.00	3.25	YES		NO
L0001207	0	0.79360E-07	476627.2	3746557.4	456.0	3.49	4.00	3.25	YES		NO
L0001208	0	0.79360E-07	476619.1	3746560.4	456.1	3.49	4.00	3.25	YES		NO
L0001209	0	0.79360E-07	476611.1	3746563.4	456.2	3.49	4.00	3.25	YES		NO
L0001210	0	0.79360E-07	476603.0	3746566.4	456.3	3.49	4.00	3.25	YES		NO
L0001211	0	0.79360E-07	476595.0	3746569.4	456.4	3.49	4.00	3.25	YES		NO
L0001212	0	0.79360E-07	476586.9	3746572.3	456.4	3.49	4.00	3.25	YES		NO
L0001213	0	0.79360E-07	476578.8	3746575.3	456.4	3.49	4.00	3.25	YES		NO
L0001214	0	0.79360E-07	476570.8	3746578.3	456.5	3.49	4.00	3.25	YES		NO
L0001215	0	0.79360E-07	476564.1	3746583.4	456.5	3.49	4.00	3.25	YES		NO
L0001216	0	0.79360E-07	476558.0	3746589.5	456.6	3.49	4.00	3.25	YES		NO
L0001217	0	0.79360E-07	476551.9	3746595.6	456.7	3.49	4.00	3.25	YES		NO
L0001218	0	0.79360E-07	476545.9	3746601.6	456.7	3.49	4.00	3.25	YES		NO
L0001219	0	0.79360E-07	476539.8	3746607.7	456.8	3.49	4.00	3.25	YES		NO
L0001220	0	0.79360E-07	476533.7	3746613.8	456.8	3.49	4.00	3.25	YES		NO
L0001221	0	0.79360E-07	476527.7	3746619.9	456.8	3.49	4.00	3.25	YES		NO
L0001222	0	0.79360E-07	476523.8	3746627.2	456.9	3.49	4.00	3.25	YES		NO
L0001223	0	0.79360E-07	476521.5	3746635.5	457.0	3.49	4.00	3.25	YES		NO
L0001224	0	0.79360E-07	476519.3	3746643.8	457.0	3.49	4.00	3.25	YES		NO
L0001225	0	0.79360E-07	476515.8	3746651.6	457.0	3.49	4.00	3.25	YES		NO
L0001226	0	0.79360E-07	476512.0	3746659.3	457.1	3.49	4.00	3.25	YES		NO
L0001227	0	0.79360E-07	476508.2	3746667.0	457.1	3.49	4.00	3.25	YES		NO
L0001228	0	0.79360E-07	476504.4	3746674.7	457.2	3.49	4.00	3.25	YES		NO
L0001229	0	0.79360E-07	476500.6	3746682.4	457.2	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001230	0	0.79360E-07	476497.7	3746690.5	457.3	3.49	4.00	3.25	YES		NO
L0001231	0	0.79360E-07	476495.0	3746698.7	457.3	3.49	4.00	3.25	YES		NO
L0001232	0	0.79360E-07	476492.3	3746706.8	457.4	3.49	4.00	3.25	YES		NO
L0001233	0	0.79360E-07	476489.6	3746715.0	457.4	3.49	4.00	3.25	YES		NO
L0001234	0	0.79360E-07	476486.9	3746723.1	457.5	3.49	4.00	3.25	YES		NO
L0001235	0	0.79360E-07	476484.2	3746731.3	457.6	3.49	4.00	3.25	YES		NO
L0001236	0	0.79360E-07	476481.5	3746739.4	457.7	3.49	4.00	3.25	YES		NO
L0001237	0	0.79360E-07	476478.8	3746747.6	457.7	3.49	4.00	3.25	YES		NO
L0001238	0	0.79360E-07	476476.1	3746755.7	457.7	3.49	4.00	3.25	YES		NO
L0001239	0	0.79360E-07	476473.8	3746764.0	457.7	3.49	4.00	3.25	YES		NO
L0001240	0	0.79360E-07	476471.6	3746772.3	457.7	3.49	4.00	3.25	YES		NO
L0001241	0	0.79360E-07	476469.5	3746780.6	457.7	3.49	4.00	3.25	YES		NO
L0001242	0	0.79360E-07	476467.3	3746789.0	457.7	3.49	4.00	3.25	YES		NO
L0001243	0	0.79360E-07	476465.2	3746797.3	457.7	3.49	4.00	3.25	YES		NO
L0001244	0	0.79360E-07	476463.0	3746805.6	457.7	3.49	4.00	3.25	YES		NO
L0001245	0	0.79360E-07	476460.9	3746813.9	457.7	3.49	4.00	3.25	YES		NO
L0001246	0	0.79360E-07	476458.8	3746822.2	457.8	3.49	4.00	3.25	YES		NO
L0001247	0	0.79360E-07	476456.6	3746830.6	457.8	3.49	4.00	3.25	YES		NO
L0001248	0	0.79360E-07	476454.0	3746838.7	457.8	3.49	4.00	3.25	YES		NO
L0001249	0	0.79360E-07	476449.4	3746845.9	457.7	3.49	4.00	3.25	YES		NO
L0001250	0	0.79360E-07	476444.7	3746853.1	457.7	3.49	4.00	3.25	YES		NO
L0001251	0	0.79360E-07	476440.1	3746860.3	457.8	3.49	4.00	3.25	YES		NO
L0001252	0	0.79360E-07	476435.4	3746867.6	457.8	3.49	4.00	3.25	YES		NO
L0001253	0	0.79360E-07	476430.7	3746874.8	457.8	3.49	4.00	3.25	YES		NO
L0001254	0	0.79360E-07	476426.1	3746882.0	457.8	3.49	4.00	3.25	YES		NO
L0001255	0	0.79360E-07	476420.5	3746888.4	457.8	3.49	4.00	3.25	YES		NO
L0001256	0	0.79360E-07	476414.1	3746894.2	457.9	3.49	4.00	3.25	YES		NO
L0001257	0	0.79360E-07	476407.8	3746899.9	458.0	3.49	4.00	3.25	YES		NO
L0001258	0	0.79360E-07	476401.4	3746905.7	458.0	3.49	4.00	3.25	YES		NO
L0001259	0	0.79360E-07	476395.0	3746911.4	458.0	3.49	4.00	3.25	YES		NO
L0001260	0	0.79360E-07	476388.6	3746917.2	458.0	3.49	4.00	3.25	YES		NO
L0001261	0	0.79360E-07	476382.2	3746922.9	458.1	3.49	4.00	3.25	YES		NO
L0001262	0	0.79360E-07	476375.1	3746927.7	458.2	3.49	4.00	3.25	YES		NO
L0001263	0	0.79360E-07	476367.4	3746931.5	458.3	3.49	4.00	3.25	YES		NO
L0001264	0	0.79360E-07	476359.6	3746935.2	458.3	3.49	4.00	3.25	YES		NO
L0001265	0	0.79360E-07	476351.9	3746939.0	458.3	3.49	4.00	3.25	YES		NO
L0001266	0	0.79360E-07	476344.2	3746942.7	458.3	3.49	4.00	3.25	YES		NO
L0001267	0	0.79360E-07	476336.5	3746946.5	458.3	3.49	4.00	3.25	YES		NO
L0001268	0	0.79360E-07	476328.5	3746949.5	458.4	3.49	4.00	3.25	YES		NO
L0001269	0	0.79360E-07	476320.0	3746950.9	458.4	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001270	0	0.79360E-07	476311.5	3746952.3	458.5	3.49	4.00	3.25	YES		NO
L0001271	0	0.79360E-07	476303.1	3746953.7	458.5	3.49	4.00	3.25	YES		NO
L0001272	0	0.79360E-07	476294.6	3746955.0	458.6	3.49	4.00	3.25	YES		NO
L0001273	0	0.79360E-07	476286.1	3746956.4	458.6	3.49	4.00	3.25	YES		NO
L0001274	0	0.79360E-07	476277.6	3746957.8	458.7	3.49	4.00	3.25	YES		NO
L0001275	0	0.79360E-07	476269.1	3746959.2	458.8	3.49	4.00	3.25	YES		NO
L0001276	0	0.79360E-07	476260.7	3746957.7	459.0	3.49	4.00	3.25	YES		NO
L0001277	0	0.79360E-07	476252.3	3746955.9	459.2	3.49	4.00	3.25	YES		NO
L0001278	0	0.79360E-07	476243.9	3746954.1	459.4	3.49	4.00	3.25	YES		NO
L0001279	0	0.79360E-07	476235.5	3746952.8	459.5	3.49	4.00	3.25	YES		NO
L0001280	0	0.79360E-07	476226.9	3746951.9	459.7	3.49	4.00	3.25	YES		NO
L0001281	0	0.79360E-07	476218.4	3746951.1	459.9	3.49	4.00	3.25	YES		NO
L0001282	0	0.79360E-07	476209.8	3746950.9	460.0	3.49	4.00	3.25	YES		NO
L0001283	0	0.79360E-07	476201.2	3746950.8	460.2	3.49	4.00	3.25	YES		NO
L0001284	0	0.79360E-07	476192.6	3746950.7	460.3	3.49	4.00	3.25	YES		NO
L0001285	0	0.79360E-07	476184.0	3746950.6	460.6	3.49	4.00	3.25	YES		NO
L0001286	0	0.79360E-07	476175.4	3746950.5	460.9	3.49	4.00	3.25	YES		NO
L0001287	0	0.79360E-07	476166.8	3746950.4	461.2	3.49	4.00	3.25	YES		NO
L0001288	0	0.79360E-07	476158.2	3746950.3	461.6	3.49	4.00	3.25	YES		NO
L0001289	0	0.79360E-07	476149.6	3746950.2	462.0	3.49	4.00	3.25	YES		NO
L0001290	0	0.79360E-07	476141.1	3746950.1	462.3	3.49	4.00	3.25	YES		NO
L0001291	0	0.79360E-07	476132.5	3746950.0	462.7	3.49	4.00	3.25	YES		NO
L0001292	0	0.79360E-07	476123.9	3746949.9	463.1	3.49	4.00	3.25	YES		NO
L0001293	0	0.79360E-07	476115.3	3746949.8	463.5	3.49	4.00	3.25	YES		NO
L0001294	0	0.79360E-07	476106.7	3746949.7	464.0	3.49	4.00	3.25	YES		NO
L0001295	0	0.79360E-07	476098.1	3746949.6	464.4	3.49	4.00	3.25	YES		NO
L0001296	0	0.79360E-07	476089.5	3746949.5	464.8	3.49	4.00	3.25	YES		NO
L0001297	0	0.79360E-07	476080.9	3746949.3	465.2	3.49	4.00	3.25	YES		NO
L0001298	0	0.79360E-07	476072.3	3746949.2	465.6	3.49	4.00	3.25	YES		NO
L0001299	0	0.79360E-07	476063.8	3746949.1	466.1	3.49	4.00	3.25	YES		NO
L0001300	0	0.79360E-07	476055.2	3746949.0	466.8	3.49	4.00	3.25	YES		NO
L0001301	0	0.79360E-07	476046.6	3746948.9	467.4	3.49	4.00	3.25	YES		NO
L0001302	0	0.79360E-07	476038.0	3746948.8	467.8	3.49	4.00	3.25	YES		NO
L0001303	0	0.79360E-07	476029.4	3746948.7	467.8	3.49	4.00	3.25	YES		NO
L0001304	0	0.20940E-06	478270.9	3746523.7	448.3	3.49	4.00	3.25	YES		NO
L0001305	0	0.20940E-06	478262.3	3746523.6	447.9	3.49	4.00	3.25	YES		NO
L0001306	0	0.20940E-06	478253.8	3746523.6	447.6	3.49	4.00	3.25	YES		NO
L0001307	0	0.20940E-06	478245.2	3746523.6	447.4	3.49	4.00	3.25	YES		NO
L0001308	0	0.20940E-06	478236.6	3746523.5	447.4	3.49	4.00	3.25	YES		NO
L0001309	0	0.20940E-06	478228.0	3746523.5	447.4	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001310	0	0.20940E-06	478219.4	3746523.6	447.4	3.49	4.00	3.25	YES		NO
L0001311	0	0.20940E-06	478210.8	3746523.7	447.4	3.49	4.00	3.25	YES		NO
L0001312	0	0.20940E-06	478202.2	3746523.8	447.4	3.49	4.00	3.25	YES		NO
L0001313	0	0.20940E-06	478193.6	3746523.9	447.4	3.49	4.00	3.25	YES		NO
L0001314	0	0.20940E-06	478185.0	3746523.8	447.4	3.49	4.00	3.25	YES		NO
L0001315	0	0.20940E-06	478176.4	3746523.8	447.4	3.49	4.00	3.25	YES		NO
L0001316	0	0.20940E-06	478167.9	3746523.7	447.5	3.49	4.00	3.25	YES		NO
L0001317	0	0.20940E-06	478159.3	3746523.6	447.5	3.49	4.00	3.25	YES		NO
L0001318	0	0.20940E-06	478150.7	3746523.5	447.5	3.49	4.00	3.25	YES		NO
L0001319	0	0.20940E-06	478142.1	3746523.4	447.6	3.49	4.00	3.25	YES		NO
L0001320	0	0.20940E-06	478133.5	3746523.4	447.6	3.49	4.00	3.25	YES		NO
L0001321	0	0.20940E-06	478124.9	3746523.3	447.6	3.49	4.00	3.25	YES		NO
L0001322	0	0.20940E-06	478116.3	3746523.2	447.7	3.49	4.00	3.25	YES		NO
L0001323	0	0.20940E-06	478107.7	3746523.2	447.7	3.49	4.00	3.25	YES		NO
L0001324	0	0.20940E-06	478099.1	3746523.2	447.7	3.49	4.00	3.25	YES		NO
L0001325	0	0.20940E-06	478090.6	3746523.2	447.8	3.49	4.00	3.25	YES		NO
L0001326	0	0.20940E-06	478082.0	3746523.2	447.8	3.49	4.00	3.25	YES		NO
L0001327	0	0.20940E-06	478073.4	3746523.2	447.9	3.49	4.00	3.25	YES		NO
L0001328	0	0.20940E-06	478064.8	3746523.2	447.9	3.49	4.00	3.25	YES		NO
L0001329	0	0.20940E-06	478056.2	3746523.2	447.9	3.49	4.00	3.25	YES		NO
L0001330	0	0.20940E-06	478047.6	3746523.2	447.9	3.49	4.00	3.25	YES		NO
L0001331	0	0.20940E-06	478039.0	3746523.2	447.9	3.49	4.00	3.25	YES		NO
L0001332	0	0.20940E-06	478030.4	3746523.2	447.9	3.49	4.00	3.25	YES		NO
L0001333	0	0.20940E-06	478021.8	3746523.2	447.9	3.49	4.00	3.25	YES		NO
L0001334	0	0.20940E-06	478013.2	3746523.3	447.9	3.49	4.00	3.25	YES		NO
L0001335	0	0.20940E-06	478004.7	3746523.3	447.9	3.49	4.00	3.25	YES		NO
L0001336	0	0.20940E-06	477996.1	3746523.3	447.9	3.49	4.00	3.25	YES		NO
L0001337	0	0.20940E-06	477987.5	3746523.3	447.9	3.49	4.00	3.25	YES		NO
L0001338	0	0.20940E-06	477978.9	3746523.3	447.9	3.49	4.00	3.25	YES		NO
L0001339	0	0.20940E-06	477970.3	3746523.3	447.9	3.49	4.00	3.25	YES		NO
L0001340	0	0.20940E-06	477961.7	3746523.3	448.0	3.49	4.00	3.25	YES		NO
L0001341	0	0.20940E-06	477953.1	3746523.3	448.0	3.49	4.00	3.25	YES		NO
L0001342	0	0.20940E-06	477944.5	3746523.3	448.1	3.49	4.00	3.25	YES		NO
L0001343	0	0.20940E-06	477935.9	3746523.3	448.1	3.49	4.00	3.25	YES		NO
L0001344	0	0.20940E-06	477927.3	3746523.3	448.1	3.49	4.00	3.25	YES		NO
L0001345	0	0.20940E-06	477918.8	3746523.3	448.2	3.49	4.00	3.25	YES		NO
L0001346	0	0.20940E-06	477910.2	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0001347	0	0.20940E-06	477901.6	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0001348	0	0.20940E-06	477893.0	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0001349	0	0.20940E-06	477884.4	3746523.4	448.2	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001350	0	0.20940E-06	477875.8	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0001351	0	0.20940E-06	477867.2	3746523.4	448.1	3.49	4.00	3.25	YES		NO
L0001352	0	0.20940E-06	477858.6	3746523.4	448.1	3.49	4.00	3.25	YES		NO
L0001353	0	0.20940E-06	477850.0	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0001354	0	0.20940E-06	477841.4	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0001355	0	0.20940E-06	477832.9	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0001356	0	0.20940E-06	477824.3	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0001357	0	0.20940E-06	477815.7	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0001358	0	0.20940E-06	477807.1	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0001359	0	0.20940E-06	477798.5	3746523.5	448.2	3.49	4.00	3.25	YES		NO
L0001360	0	0.20940E-06	477789.9	3746523.5	448.2	3.49	4.00	3.25	YES		NO
L0001361	0	0.20940E-06	477781.3	3746523.5	448.2	3.49	4.00	3.25	YES		NO
L0001362	0	0.20940E-06	477772.7	3746523.5	448.3	3.49	4.00	3.25	YES		NO
L0001363	0	0.20940E-06	477764.1	3746523.5	448.3	3.49	4.00	3.25	YES		NO
L0001364	0	0.20940E-06	477755.5	3746523.5	448.3	3.49	4.00	3.25	YES		NO
L0001365	0	0.20940E-06	477747.0	3746523.5	448.3	3.49	4.00	3.25	YES		NO
L0001366	0	0.20940E-06	477739.5	3746521.0	448.4	3.49	4.00	3.25	YES		NO
L0001367	0	0.20940E-06	477733.7	3746514.6	448.4	3.49	4.00	3.25	YES		NO
L0001368	0	0.20940E-06	477728.0	3746508.2	448.4	3.49	4.00	3.25	YES		NO
L0001369	0	0.20940E-06	477722.2	3746501.9	448.4	3.49	4.00	3.25	YES		NO
L0001370	0	0.20940E-06	477716.4	3746495.5	448.4	3.49	4.00	3.25	YES		NO
L0001371	0	0.20940E-06	477713.2	3746488.1	448.3	3.49	4.00	3.25	YES		NO
L0001372	0	0.20940E-06	477713.1	3746479.5	448.3	3.49	4.00	3.25	YES		NO
L0001373	0	0.20940E-06	477713.0	3746470.9	448.3	3.49	4.00	3.25	YES		NO
L0001374	0	0.20940E-06	477712.8	3746462.4	448.3	3.49	4.00	3.25	YES		NO
L0001375	0	0.20940E-06	477712.7	3746453.8	448.2	3.49	4.00	3.25	YES		NO
L0001376	0	0.20940E-06	477712.6	3746445.2	448.2	3.49	4.00	3.25	YES		NO
L0001377	0	0.20940E-06	477712.5	3746436.6	448.2	3.49	4.00	3.25	YES		NO
L0001378	0	0.20940E-06	477712.4	3746428.0	448.2	3.49	4.00	3.25	YES		NO
L0001379	0	0.20940E-06	477712.3	3746419.4	448.2	3.49	4.00	3.25	YES		NO
L0001380	0	0.20940E-06	477712.2	3746410.8	448.2	3.49	4.00	3.25	YES		NO
L0001381	0	0.20940E-06	477712.1	3746402.2	448.1	3.49	4.00	3.25	YES		NO
L0001382	0	0.20940E-06	477712.0	3746393.6	448.1	3.49	4.00	3.25	YES		NO
L0001383	0	0.20940E-06	477711.9	3746385.1	448.1	3.49	4.00	3.25	YES		NO
L0001384	0	0.98750E-06	478184.6	3746503.9	447.6	3.49	4.00	3.25	YES		NO
L0001385	0	0.98750E-06	478176.0	3746503.9	447.6	3.49	4.00	3.25	YES		NO
L0001386	0	0.98750E-06	478167.4	3746503.9	447.7	3.49	4.00	3.25	YES		NO
L0001387	0	0.98750E-06	478158.8	3746503.9	447.7	3.49	4.00	3.25	YES		NO
L0001388	0	0.98750E-06	478150.2	3746503.9	447.7	3.49	4.00	3.25	YES		NO
L0001389	0	0.98750E-06	478141.6	3746503.9	447.7	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001390	0	0.98750E-06	478133.0	3746503.9	447.8	3.49	4.00	3.25	YES		NO
L0001391	0	0.98750E-06	478124.4	3746503.9	447.8	3.49	4.00	3.25	YES		NO
L0001392	0	0.98750E-06	478115.8	3746503.9	447.8	3.49	4.00	3.25	YES		NO
L0001393	0	0.98750E-06	478107.2	3746503.9	447.9	3.49	4.00	3.25	YES		NO
L0001394	0	0.98750E-06	478098.7	3746503.9	447.9	3.49	4.00	3.25	YES		NO
L0001395	0	0.98750E-06	478090.1	3746503.9	447.9	3.49	4.00	3.25	YES		NO
L0001396	0	0.98750E-06	478081.5	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001397	0	0.98750E-06	478072.9	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001398	0	0.98750E-06	478064.3	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001399	0	0.98750E-06	478055.7	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001400	0	0.98750E-06	478047.1	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001401	0	0.98750E-06	478038.5	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001402	0	0.98750E-06	478029.9	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001403	0	0.98750E-06	478021.3	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001404	0	0.98750E-06	478012.8	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001405	0	0.98750E-06	478004.2	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001406	0	0.98750E-06	477995.6	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001407	0	0.98750E-06	477987.0	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001408	0	0.98750E-06	477978.4	3746503.9	448.1	3.49	4.00	3.25	YES		NO
L0001409	0	0.98750E-06	477969.8	3746503.9	448.1	3.49	4.00	3.25	YES		NO
L0001410	0	0.98750E-06	477961.2	3746503.9	448.1	3.49	4.00	3.25	YES		NO
L0001411	0	0.98750E-06	477952.6	3746503.9	448.2	3.49	4.00	3.25	YES		NO
L0001412	0	0.98750E-06	477944.0	3746503.9	448.2	3.49	4.00	3.25	YES		NO
L0001413	0	0.98750E-06	477935.4	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0001414	0	0.98750E-06	477926.9	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0001415	0	0.98750E-06	477918.3	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0001416	0	0.98750E-06	477909.7	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0001417	0	0.98750E-06	477901.1	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0001418	0	0.98750E-06	477892.5	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0001419	0	0.98750E-06	477883.9	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0001420	0	0.98750E-06	477875.3	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0001421	0	0.98750E-06	477866.7	3746503.9	448.2	3.49	4.00	3.25	YES		NO
L0001422	0	0.98750E-06	477858.1	3746503.9	448.2	3.49	4.00	3.25	YES		NO
L0001423	0	0.98750E-06	477849.5	3746503.9	448.2	3.49	4.00	3.25	YES		NO
L0001424	0	0.98750E-06	477841.0	3746503.9	448.2	3.49	4.00	3.25	YES		NO
L0001425	0	0.98750E-06	477832.4	3746503.9	448.2	3.49	4.00	3.25	YES		NO
L0001426	0	0.98750E-06	477823.8	3746504.0	448.2	3.49	4.00	3.25	YES		NO
L0001427	0	0.98750E-06	477815.2	3746504.0	448.2	3.49	4.00	3.25	YES		NO
L0001428	0	0.98750E-06	477806.6	3746504.0	448.2	3.49	4.00	3.25	YES		NO
L0001429	0	0.98750E-06	477798.0	3746504.0	448.3	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001430	0	0.98750E-06	477789.4	3746504.0	448.3	3.49	4.00	3.25	YES		NO
L0001431	0	0.98750E-06	477780.8	3746504.0	448.3	3.49	4.00	3.25	YES		NO
L0001432	0	0.98750E-06	477772.2	3746504.0	448.3	3.49	4.00	3.25	YES		NO
L0001433	0	0.98750E-06	477763.6	3746504.0	448.4	3.49	4.00	3.25	YES		NO
L0001434	0	0.98750E-06	477755.1	3746504.0	448.4	3.49	4.00	3.25	YES		NO
L0001435	0	0.98750E-06	477746.5	3746504.0	448.4	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs							
ALL	L0000990 ,	L0000991 ,	L0000992 ,	L0000993 ,	L0000994 ,	L0000995 ,	L0000996 ,	L0000997 ,
	L0000998 ,	L0000999 ,	L0001000 ,	L0001001 ,	L0001002 ,	L0001003 ,	L0001004 ,	L0001005 ,
	L0001006 ,	L0001007 ,	L0001008 ,	L0001009 ,	L0001010 ,	L0001011 ,	L0001012 ,	L0001013 ,
	L0001014 ,	L0001015 ,	L0001016 ,	L0001017 ,	L0001018 ,	L0001019 ,	L0001020 ,	L0001021 ,
	L0001022 ,	L0001023 ,	L0001024 ,	L0001025 ,	L0001026 ,	L0001027 ,	L0001028 ,	L0001029 ,
	L0001030 ,	L0001031 ,	L0001032 ,	L0001033 ,	L0001034 ,	L0001035 ,	L0001036 ,	L0001037 ,
	L0001038 ,	L0001039 ,	L0001040 ,	L0001041 ,	L0001042 ,	L0001043 ,	L0001044 ,	L0001045 ,
	L0001046 ,	L0001047 ,	L0001048 ,	L0001049 ,	L0001050 ,	L0001051 ,	L0001052 ,	L0001053 ,
	L0001054 ,	L0001055 ,	L0001056 ,	L0001057 ,	L0001058 ,	L0001059 ,	L0001060 ,	L0001061 ,
	L0001062 ,	L0001063 ,	L0001064 ,	L0001065 ,	L0001066 ,	L0001067 ,	L0001068 ,	L0001069 ,
	L0001070 ,	L0001071 ,	L0001072 ,	L0001073 ,	L0001074 ,	L0001075 ,	L0001076 ,	L0001077 ,
	L0001078 ,	L0001079 ,	L0001080 ,	L0001081 ,	L0001082 ,	L0001083 ,	L0001084 ,	L0001085 ,
	L0001086 ,	L0001087 ,	L0001088 ,	L0001089 ,	L0001090 ,	L0001091 ,	L0001092 ,	L0001093 ,
	L0001094 ,	L0001095 ,	L0001096 ,	L0001097 ,	L0001098 ,	L0001099 ,	L0001100 ,	L0001101 ,
	L0001102 ,	L0001103 ,	L0001104 ,	L0001105 ,	L0001106 ,	L0001107 ,	L0001108 ,	L0001109 ,
	L0001110 ,	L0001111 ,	L0001112 ,	L0001113 ,	L0001114 ,	L0001115 ,	L0001116 ,	L0001117 ,
	L0001118 ,	L0001119 ,	L0001120 ,	L0001121 ,	L0001122 ,	L0001123 ,	L0001124 ,	L0001125 ,
	L0001126 ,	L0001127 ,	L0001128 ,	L0001129 ,	L0001130 ,	L0001131 ,	L0001132 ,	L0001133 ,
	L0001134 ,	L0001135 ,	L0001136 ,	L0001137 ,	L0001138 ,	L0001139 ,	L0001140 ,	L0001141 ,
	L0001142 ,	L0001143 ,	L0001144 ,	L0001145 ,	L0001146 ,	L0001147 ,	L0001148 ,	L0001149 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs							
	L0001150 ,	L0001151 ,	L0001152 ,	L0001153 ,	L0001154 ,	L0001155 ,	L0001156 ,	L0001157 ,
	L0001158 ,	L0001159 ,	L0001160 ,	L0001161 ,	L0001162 ,	L0001163 ,	L0001164 ,	L0001165 ,
	L0001166 ,	L0001167 ,	L0001168 ,	L0001169 ,	L0001170 ,	L0001171 ,	L0001172 ,	L0001173 ,
	L0001174 ,	L0001175 ,	L0001176 ,	L0001177 ,	L0001178 ,	L0001179 ,	L0001180 ,	L0001181 ,
	L0001182 ,	L0001183 ,	L0001184 ,	L0001185 ,	L0001186 ,	L0001187 ,	L0001188 ,	L0001189 ,
	L0001190 ,	L0001191 ,	L0001192 ,	L0001193 ,	L0001194 ,	L0001195 ,	L0001196 ,	L0001197 ,
	L0001198 ,	L0001199 ,	L0001200 ,	L0001201 ,	L0001202 ,	L0001203 ,	L0001204 ,	L0001205 ,
	L0001206 ,	L0001207 ,	L0001208 ,	L0001209 ,	L0001210 ,	L0001211 ,	L0001212 ,	L0001213 ,
	L0001214 ,	L0001215 ,	L0001216 ,	L0001217 ,	L0001218 ,	L0001219 ,	L0001220 ,	L0001221 ,
	L0001222 ,	L0001223 ,	L0001224 ,	L0001225 ,	L0001226 ,	L0001227 ,	L0001228 ,	L0001229 ,
	L0001230 ,	L0001231 ,	L0001232 ,	L0001233 ,	L0001234 ,	L0001235 ,	L0001236 ,	L0001237 ,
	L0001238 ,	L0001239 ,	L0001240 ,	L0001241 ,	L0001242 ,	L0001243 ,	L0001244 ,	L0001245 ,
	L0001246 ,	L0001247 ,	L0001248 ,	L0001249 ,	L0001250 ,	L0001251 ,	L0001252 ,	L0001253 ,
	L0001254 ,	L0001255 ,	L0001256 ,	L0001257 ,	L0001258 ,	L0001259 ,	L0001260 ,	L0001261 ,
	L0001262 ,	L0001263 ,	L0001264 ,	L0001265 ,	L0001266 ,	L0001267 ,	L0001268 ,	L0001269 ,
	L0001270 ,	L0001271 ,	L0001272 ,	L0001273 ,	L0001274 ,	L0001275 ,	L0001276 ,	L0001277 ,
	L0001278 ,	L0001279 ,	L0001280 ,	L0001281 ,	L0001282 ,	L0001283 ,	L0001284 ,	L0001285 ,
	L0001286 ,	L0001287 ,	L0001288 ,	L0001289 ,	L0001290 ,	L0001291 ,	L0001292 ,	L0001293 ,
	L0001294 ,	L0001295 ,	L0001296 ,	L0001297 ,	L0001298 ,	L0001299 ,	L0001300 ,	L0001301 ,
	L0001302 ,	L0001303 ,	L0001304 ,	L0001305 ,	L0001306 ,	L0001307 ,	L0001308 ,	L0001309 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0001310 , L0001311 , L0001312 , L0001313 , L0001314 , L0001315 , L0001316 , L0001317 ,
	L0001318 , L0001319 , L0001320 , L0001321 , L0001322 , L0001323 , L0001324 , L0001325 ,
	L0001326 , L0001327 , L0001328 , L0001329 , L0001330 , L0001331 , L0001332 , L0001333 ,
	L0001334 , L0001335 , L0001336 , L0001337 , L0001338 , L0001339 , L0001340 , L0001341 ,
	L0001342 , L0001343 , L0001344 , L0001345 , L0001346 , L0001347 , L0001348 , L0001349 ,
	L0001350 , L0001351 , L0001352 , L0001353 , L0001354 , L0001355 , L0001356 , L0001357 ,
	L0001358 , L0001359 , L0001360 , L0001361 , L0001362 , L0001363 , L0001364 , L0001365 ,
	L0001366 , L0001367 , L0001368 , L0001369 , L0001370 , L0001371 , L0001372 , L0001373 ,
	L0001374 , L0001375 , L0001376 , L0001377 , L0001378 , L0001379 , L0001380 , L0001381 ,
	L0001382 , L0001383 , L0001384 , L0001385 , L0001386 , L0001387 , L0001388 , L0001389 ,
	L0001390 , L0001391 , L0001392 , L0001393 , L0001394 , L0001395 , L0001396 , L0001397 ,
	L0001398 , L0001399 , L0001400 , L0001401 , L0001402 , L0001403 , L0001404 , L0001405 ,
	L0001406 , L0001407 , L0001408 , L0001409 , L0001410 , L0001411 , L0001412 , L0001413 ,
	L0001414 , L0001415 , L0001416 , L0001417 , L0001418 , L0001419 , L0001420 , L0001421 ,
	L0001422 , L0001423 , L0001424 , L0001425 , L0001426 , L0001427 , L0001428 , L0001429 ,
	L0001430 , L0001431 , L0001432 , L0001433 , L0001434 , L0001435 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID URBAN POP SOURCE IDs -------- --------- -------

2492442. L0000990 , L0000991 , L0000992 , L0000993 , L0000994 , L0000995 , L0000996 ,
L0000997 ,

L0000998 , L0000999 , L0001000 , L0001001 , L0001002 , L0001003 , L0001004 , L0001005 ,

L0001006 , L0001007 , L0001008 , L0001009 , L0001010 , L0001011 , L0001012 , L0001013 ,

L0001014 , L0001015 , L0001016 , L0001017 , L0001018 , L0001019 , L0001020 , L0001021 ,

L0001022 , L0001023 , L0001024 , L0001025 , L0001026 , L0001027 , L0001028 , L0001029 ,

L0001030 , L0001031 , L0001032 , L0001033 , L0001034 , L0001035 , L0001036 , L0001037 ,

L0001038 , L0001039 , L0001040 , L0001041 , L0001042 , L0001043 , L0001044 , L0001045 ,

L0001046 , L0001047 , L0001048 , L0001049 , L0001050 , L0001051 , L0001052 , L0001053 ,

L0001054 , L0001055 , L0001056 , L0001057 , L0001058 , L0001059 , L0001060 , L0001061 ,

L0001062 , L0001063 , L0001064 , L0001065 , L0001066 , L0001067 , L0001068 , L0001069 ,

L0001070 , L0001071 , L0001072 , L0001073 , L0001074 , L0001075 , L0001076 , L0001077 ,

L0001078 , L0001079 , L0001080 , L0001081 , L0001082 , L0001083 , L0001084 , L0001085 ,

L0001086 , L0001087 , L0001088 , L0001089 , L0001090 , L0001091 , L0001092 , L0001093 ,

L0001094 , L0001095 , L0001096 , L0001097 , L0001098 , L0001099 , L0001100 , L0001101 ,

L0001102 , L0001103 , L0001104 , L0001105 , L0001106 , L0001107 , L0001108 , L0001109 ,

L0001110 , L0001111 , L0001112 , L0001113 , L0001114 , L0001115 , L0001116 , L0001117 ,

L0001118 , L0001119 , L0001120 , L0001121 , L0001122 , L0001123 , L0001124 , L0001125 ,

L0001126 , L0001127 , L0001128 , L0001129 , L0001130 , L0001131 , L0001132 , L0001133 ,

L0001134 , L0001135 , L0001136 , L0001137 , L0001138 , L0001139 , L0001140 , L0001141 ,

L0001142 , L0001143 , L0001144 , L0001145 , L0001146 , L0001147 , L0001148 , L0001149 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID URBAN POP SOURCE IDs -------- ---------

L0001150 , L0001151 , L0001152 , L0001153 , L0001154 , L0001155 , L0001156 , L0001157 ,
L0001158 , L0001159 , L0001160 , L0001161 , L0001162 , L0001163 , L0001164 , L0001165 ,
L0001166 , L0001167 , L0001168 , L0001169 , L0001170 , L0001171 , L0001172 , L0001173 ,
L0001174 , L0001175 , L0001176 , L0001177 , L0001178 , L0001179 , L0001180 , L0001181 ,
L0001182 , L0001183 , L0001184 , L0001185 , L0001186 , L0001187 , L0001188 , L0001189 ,
L0001190 , L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , L0001196 , L0001197 ,
L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , L0001204 , L0001205 ,
L0001206 , L0001207 , L0001208 , L0001209 , L0001210 , L0001211 , L0001212 , L0001213 ,
L0001214 , L0001215 , L0001216 , L0001217 , L0001218 , L0001219 , L0001220 , L0001221 ,
L0001222 , L0001223 , L0001224 , L0001225 , L0001226 , L0001227 , L0001228 , L0001229 ,
L0001230 , L0001231 , L0001232 , L0001233 , L0001234 , L0001235 , L0001236 , L0001237 ,
L0001238 , L0001239 , L0001240 , L0001241 , L0001242 , L0001243 , L0001244 , L0001245 ,
L0001246 , L0001247 , L0001248 , L0001249 , L0001250 , L0001251 , L0001252 , L0001253 ,
L0001254 , L0001255 , L0001256 , L0001257 , L0001258 , L0001259 , L0001260 , L0001261 ,
L0001262 , L0001263 , L0001264 , L0001265 , L0001266 , L0001267 , L0001268 , L0001269 ,
L0001270 , L0001271 , L0001272 , L0001273 , L0001274 , L0001275 , L0001276 , L0001277 ,
L0001278 , L0001279 , L0001280 , L0001281 , L0001282 , L0001283 , L0001284 , L0001285 ,
L0001286 , L0001287 , L0001288 , L0001289 , L0001290 , L0001291 , L0001292 , L0001293 ,
L0001294 , L0001295 , L0001296 , L0001297 , L0001298 , L0001299 , L0001300 , L0001301 ,
L0001302 , L0001303 , L0001304 , L0001305 , L0001306 , L0001307 , L0001308 , L0001309 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
		L0001310 , L0001311 , L0001312 , L0001313 , L0001314 , L0001315 , L0001316 , L0001317 ,
		L0001318 , L0001319 , L0001320 , L0001321 , L0001322 , L0001323 , L0001324 , L0001325 ,
		L0001326 , L0001327 , L0001328 , L0001329 , L0001330 , L0001331 , L0001332 , L0001333 ,
		L0001334 , L0001335 , L0001336 , L0001337 , L0001338 , L0001339 , L0001340 , L0001341 ,
		L0001342 , L0001343 , L0001344 , L0001345 , L0001346 , L0001347 , L0001348 , L0001349 ,
		L0001350 , L0001351 , L0001352 , L0001353 , L0001354 , L0001355 , L0001356 , L0001357 ,
		L0001358 , L0001359 , L0001360 , L0001361 , L0001362 , L0001363 , L0001364 , L0001365 ,
		L0001366 , L0001367 , L0001368 , L0001369 , L0001370 , L0001371 , L0001372 , L0001373 ,
		L0001374 , L0001375 , L0001376 , L0001377 , L0001378 , L0001379 , L0001380 , L0001381 ,
		L0001382 , L0001383 , L0001384 , L0001385 , L0001386 , L0001387 , L0001388 , L0001389 ,
		L0001390 , L0001391 , L0001392 , L0001393 , L0001394 , L0001395 , L0001396 , L0001397 ,
		L0001398 , L0001399 , L0001400 , L0001401 , L0001402 , L0001403 , L0001404 , L0001405 ,
		L0001406 , L0001407 , L0001408 , L0001409 , L0001410 , L0001411 , L0001412 , L0001413 ,
		L0001414 , L0001415 , L0001416 , L0001417 , L0001418 , L0001419 , L0001420 , L0001421 ,
		L0001422 , L0001423 , L0001424 , L0001425 , L0001426 , L0001427 , L0001428 , L0001429 ,
		L0001430 , L0001431 , L0001432 , L0001433 , L0001434 , L0001435 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

475945.0, 476020.0, 476095.0, 476170.0, 476245.0, 476320.0, 476395.0, 476470.0, 476545.0, 476620.0,
476695.0, 476770.0, 476845.0, 476920.0, 476995.0, 477070.0, 477145.0, 477220.0, 477295.0, 477370.0,
477445.0, 477520.0, 477595.0, 477670.0, 477745.0, 477820.0, 477895.0, 477970.0, 478045.0, 478120.0,
478195.0, 478270.0, 478345.0, 478420.0, 478495.0, 478570.0, 478645.0, 478720.0,

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

3745609.5, 3745684.5, 3745759.5, 3745834.5, 3745909.5, 3745984.5, 3746059.5, 3746134.5, 3746209.5, 3746284.5,
3746359.5, 3746434.5, 3746509.5, 3746584.5, 3746659.5, 3746734.5, 3746809.5, 3746884.5, 3746959.5, 3747034.5,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 475944.95	476019.95	476094.95	476169.95	476244.95	476319.95	476394.95	476469.95	476544.95
3747034.48	462.40	461.90	459.50	458.90	458.20	458.10	457.50	456.40	455.60
3746959.48	466.50	467.70	464.00	460.90	459.30	458.40	457.60	456.60	456.10
3746884.48	466.20	464.60	460.20	459.70	459.00	456.70	458.10	456.60	456.00
3746809.48	462.20	464.40	461.10	459.70	459.00	457.60	457.10	457.40	456.30
3746734.48	462.20	463.20	462.90	459.90	459.20	458.20	458.20	457.70	456.80
3746659.48	463.60	462.80	463.70	460.20	459.40	458.50	458.50	457.60	456.90
3746584.48	464.10	463.50	463.30	460.50	460.20	459.40	459.40	458.10	456.80
3746509.48	464.90	464.20	462.80	461.90	460.70	459.90	459.10	458.20	457.30
3746434.48	465.00	464.00	462.90	462.60	461.20	460.30	459.30	458.40	457.40
3746359.48	465.00	464.10	463.40	462.70	461.50	460.40	459.60	458.60	457.70
3746284.48	465.40	464.60	463.70	462.70	461.70	460.40	459.60	458.60	457.80
3746209.48	465.70	464.50	463.60	462.70	461.90	460.60	460.00	458.80	458.00
3746134.48	464.10	463.70	463.10	462.50	461.60	460.40	459.50	458.60	457.90
3746059.48	464.20	463.80	463.90	463.10	461.50	460.70	459.30	458.60	458.10
3745984.48	464.30	463.80	463.80	463.20	461.20	460.90	459.30	458.70	458.20
3745909.48	463.90	463.70	463.70	463.00	460.50	460.90	459.80	458.90	458.00
3745834.48	463.50	463.40	463.30	461.30	460.20	460.70	460.30	459.10	458.10
3745759.48	464.00	463.60	463.10	462.20	461.40	461.00	460.80	459.10	458.10
3745684.48	464.20	462.80	462.50	462.30	462.00	461.20	460.30	459.10	458.30
3745609.48	464.50	463.00	462.70	462.70	462.80	461.00	459.90	459.60	458.10

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 476619.95	476694.95	476769.95	476844.95	476919.95	476994.95	477069.95	477144.95	477219.95
3747034.48	455.30	454.80	454.20	453.70	452.80	451.20	453.20	453.60	452.40
3746959.48	455.70	454.90	454.30	453.90	453.20	451.80	451.60	453.20	452.90
3746884.48	455.70	454.90	454.40	454.00	453.10	452.40	450.80	452.10	451.90
3746809.48	455.90	455.20	454.50	453.80	453.10	452.60	451.80	451.00	451.30
3746734.48	456.20	455.60	455.00	454.10	453.30	452.60	451.90	451.20	450.90
3746659.48	456.30	455.50	455.10	454.10	453.20	452.50	451.90	451.20	450.40
3746584.48	456.20	455.30	454.80	454.20	453.30	452.60	451.90	451.30	450.70
3746509.48	456.40	455.70	454.90	454.20	453.40	452.70	452.00	451.40	450.80
3746434.48	456.50	455.80	454.90	454.10	453.40	452.80	452.10	451.60	451.10
3746359.48	456.80	456.00	455.00	454.20	453.50	453.00	452.50	452.00	451.50
3746284.48	457.10	456.00	455.30	454.60	453.90	453.30	452.80	452.20	451.50
3746209.48	457.10	456.20	455.60	454.90	454.20	453.60	453.10	452.40	451.70
3746134.48	457.30	456.40	455.80	455.20	454.50	453.90	453.00	452.40	451.80
3746059.48	457.60	456.60	455.90	455.20	454.40	453.80	453.10	452.50	451.90
3745984.48	457.60	455.90	454.90	454.30	453.80	453.40	453.10	452.60	452.00
3745909.48	457.60	456.00	455.00	454.30	453.90	453.40	453.00	452.30	451.00
3745834.48	457.30	455.80	454.70	454.30	453.90	453.30	452.90	452.50	451.10
3745759.48	457.40	456.00	455.40	454.90	454.40	453.70	453.20	452.80	452.10
3745684.48	457.50	456.80	456.00	455.30	454.50	453.90	453.30	452.80	452.20
3745609.48	457.50	456.60	455.90	455.10	454.40	453.80	453.10	452.70	452.20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 477294.95	477369.95	477444.95	477519.95	477594.95	477669.95	477744.95	477819.95	477894.95
3747034.48	450.80	450.70	450.60	450.40	450.00	449.40	448.70	448.60	448.60
3746959.48	451.40	450.90	450.60	450.30	450.20	449.80	449.10	449.00	448.90
3746884.48	451.20	451.00	450.40	450.10	449.80	449.60	449.40	448.90	449.30
3746809.48	451.00	450.70	450.30	450.00	449.70	449.40	449.30	448.90	449.00
3746734.48	450.70	450.40	449.90	449.60	449.40	449.20	449.10	449.00	449.00
3746659.48	450.40	450.20	449.70	449.40	449.00	448.90	449.00	448.90	449.10
3746584.48	449.90	449.70	449.20	448.80	448.50	448.30	448.30	448.10	447.90
3746509.48	450.40	450.00	449.60	449.30	448.90	448.50	448.40	448.30	448.30
3746434.48	450.30	450.10	449.70	449.20	448.80	448.50	448.10	448.10	448.20
3746359.48	450.80	450.00	449.80	449.00	448.60	448.30	448.10	447.90	447.90
3746284.48	450.80	450.20	449.70	449.40	448.60	448.70	448.80	448.80	448.50
3746209.48	451.10	450.40	449.90	449.20	448.50	448.40	447.80	447.80	448.00
3746134.48	451.30	450.70	450.10	449.20	448.10	447.70	447.30	447.20	447.00
3746059.48	451.30	450.80	450.20	449.30	447.60	447.50	447.50	447.40	447.40
3745984.48	451.30	450.70	450.20	449.50	447.90	447.90	448.00	448.00	447.80
3745909.48	451.30	450.70	450.40	449.70	449.20	448.70	448.60	448.30	448.30
3745834.48	451.50	450.90	450.60	450.00	449.40	449.00	448.70	448.60	448.60
3745759.48	451.70	451.20	450.80	450.30	449.90	449.60	449.20	449.00	448.70
3745684.48	451.70	451.20	450.80	450.50	450.10	449.70	449.30	448.80	447.80
3745609.48	451.70	451.30	451.00	450.50	449.90	449.50	449.00	448.60	447.70

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 477969.95	478044.95	478119.95	478194.95	478269.95	478344.95	478419.95	478494.95	478569.95
3747034.48	448.70	448.70	448.50	448.60	448.50	449.10	448.80	448.00	448.20
3746959.48	448.70	448.50	448.20	447.70	448.10	448.90	448.80	448.20	447.70
3746884.48	448.60	448.20	448.00	448.00	447.80	448.40	447.60	447.60	447.60
3746809.48	448.10	447.70	447.40	447.70	447.70	448.30	447.70	447.40	447.30
3746734.48	448.70	448.30	448.00	447.70	447.70	447.90	447.30	447.00	447.00
3746659.48	448.10	447.80	447.30	447.40	447.90	447.70	446.70	446.50	446.60
3746584.48	447.10	446.80	446.50	446.40	448.10	445.40	445.40	445.30	445.30
3746509.48	448.10	448.00	447.80	447.60	448.30	447.10	446.50	445.70	445.70
3746434.48	448.00	447.70	447.90	447.60	447.60	447.30	446.60	445.80	446.10
3746359.48	447.70	447.50	447.40	447.20	447.00	447.10	446.70	446.40	446.10
3746284.48	448.20	447.60	447.80	448.00	447.10	446.70	446.50	446.30	446.00
3746209.48	447.50	446.80	447.00	447.00	446.80	446.20	445.90	445.70	445.50
3746134.48	446.80	447.00	446.90	446.80	447.10	446.80	446.20	446.00	446.00
3746059.48	447.40	447.70	447.00	446.90	447.00	446.80	446.20	446.00	446.40
3745984.48	447.80	448.00	446.90	446.80	447.00	446.20	446.00	445.80	446.00
3745909.48	448.30	448.30	447.00	446.80	447.00	446.10	446.10	445.70	445.80
3745834.48	448.60	448.80	446.90	447.00	446.90	446.20	446.10	445.80	445.40
3745759.48	448.50	448.40	447.50	447.30	447.00	446.70	446.30	446.10	445.60
3745684.48	447.60	447.40	446.90	446.20	446.40	445.50	446.00	446.60	446.20
3745609.48	447.40	447.00	446.60	446.00	446.20	445.40	445.90	446.60	446.20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 478644.95	478719.95
3747034.48	447.90	447.70
3746959.48	447.50	447.80
3746884.48	447.60	447.60
3746809.48	447.30	447.30
3746734.48	447.00	446.90
3746659.48	446.60	446.60
3746584.48	445.30	445.10
3746509.48	445.70	445.70
3746434.48	446.00	446.10
3746359.48	446.00	445.80
3746284.48	445.80	445.60
3746209.48	445.20	445.00
3746134.48	445.70	445.80
3746059.48	445.70	445.90
3745984.48	445.40	445.20
3745909.48	445.60	445.70
3745834.48	445.80	445.40
3745759.48	445.50	445.20
3745684.48	445.20	444.50
3745609.48	444.40	444.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 475944.95	476019.95	476094.95	476169.95	476244.95	476319.95	476394.95	476469.95	476544.95
3747034.48	462.40	461.90	459.50	458.90	458.20	458.10	457.50	456.40	455.60
3746959.48	470.40	467.70	464.60	460.90	459.30	458.40	457.60	456.60	456.10
3746884.48	467.90	464.60	468.70	459.70	459.00	456.70	458.10	456.60	456.00
3746809.48	462.20	464.40	464.50	459.70	459.00	457.60	457.10	457.40	456.30
3746734.48	462.20	463.20	462.90	459.90	459.20	458.20	458.20	457.70	456.80
3746659.48	463.60	462.80	463.70	460.20	459.40	458.50	458.50	457.60	456.90
3746584.48	464.10	463.50	463.30	460.50	460.20	459.40	459.40	458.10	456.80
3746509.48	464.90	464.20	462.80	461.90	460.70	459.90	459.10	458.20	457.30
3746434.48	465.00	464.00	462.90	462.60	461.20	460.30	459.30	458.40	457.40
3746359.48	465.00	464.10	463.40	462.70	461.50	460.40	459.60	458.60	457.70
3746284.48	465.40	464.60	463.70	462.70	461.70	460.40	459.60	458.60	457.80
3746209.48	465.70	464.50	463.60	462.70	461.90	460.60	460.00	458.80	458.00
3746134.48	464.10	463.70	463.10	462.50	461.60	460.40	459.50	458.60	457.90
3746059.48	464.20	463.80	463.90	463.10	461.50	460.70	459.30	458.60	458.10
3745984.48	464.30	463.80	463.80	463.20	461.20	460.90	459.30	458.70	458.20
3745909.48	463.90	463.70	463.70	463.00	460.50	460.90	459.80	458.90	458.00
3745834.48	463.50	463.40	463.30	461.30	460.20	460.70	460.30	459.10	458.10
3745759.48	464.00	463.60	463.10	462.20	461.40	461.00	460.80	459.10	458.10
3745684.48	464.20	462.80	462.50	462.30	462.00	461.20	460.30	459.10	458.30
3745609.48	464.50	463.00	462.70	462.70	462.80	461.00	459.90	459.60	458.10

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 476619.95	476694.95	476769.95	476844.95	476919.95	476994.95	477069.95	477144.95	477219.95
3747034.48	455.30	454.80	454.20	453.70	452.80	451.20	453.20	453.60	452.40
3746959.48	455.70	454.90	454.30	453.90	453.20	451.80	451.60	453.20	452.90
3746884.48	455.70	454.90	454.40	454.00	453.10	452.40	450.80	452.10	451.90
3746809.48	455.90	455.20	454.50	453.80	453.10	452.60	451.80	451.00	451.30
3746734.48	456.20	455.60	455.00	454.10	453.30	452.60	451.90	451.20	450.90
3746659.48	456.30	455.50	455.10	454.10	453.20	452.50	451.90	451.20	450.40
3746584.48	456.20	455.30	454.80	454.20	453.30	452.60	451.90	451.30	450.70
3746509.48	456.40	455.70	454.90	454.20	453.40	452.70	452.00	451.40	450.80
3746434.48	456.50	455.80	454.90	454.10	453.40	452.80	452.10	451.60	451.10
3746359.48	456.80	456.00	455.00	454.20	453.50	453.00	452.50	452.00	451.50
3746284.48	457.10	456.00	455.30	454.60	453.90	453.30	452.80	452.20	451.50
3746209.48	457.10	456.20	455.60	454.90	454.20	453.60	453.10	452.40	451.70
3746134.48	457.30	456.40	455.80	455.20	454.50	453.90	453.00	452.40	451.80
3746059.48	457.60	456.60	455.90	455.20	454.40	453.80	453.10	452.50	451.90
3745984.48	457.60	455.90	454.90	454.30	453.80	453.40	453.10	452.60	452.00
3745909.48	457.60	456.00	455.00	454.30	453.90	453.40	453.00	452.30	451.00
3745834.48	457.30	455.80	454.70	454.30	453.90	453.30	452.90	452.50	451.10
3745759.48	457.40	456.00	455.40	454.90	454.40	453.70	453.20	452.80	452.10
3745684.48	457.50	456.80	456.00	455.30	454.50	453.90	453.30	452.80	452.20
3745609.48	457.50	456.60	455.90	455.10	454.40	453.80	453.10	452.70	452.20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 477294.95	477369.95	477444.95	477519.95	477594.95	477669.95	477744.95	477819.95	477894.95
3747034.48	450.80	450.70	450.60	450.40	450.00	449.40	448.70	448.60	448.60
3746959.48	451.40	450.90	450.60	450.30	450.20	449.80	449.10	449.00	448.90
3746884.48	451.20	451.00	450.40	450.10	449.80	449.60	449.40	448.90	449.30
3746809.48	451.00	450.70	450.30	450.00	449.70	449.40	449.30	448.90	449.00
3746734.48	450.70	450.40	449.90	449.60	449.40	449.20	449.10	449.00	449.00
3746659.48	450.40	450.20	449.70	449.40	449.00	448.90	449.00	448.90	449.10
3746584.48	449.90	449.70	449.20	448.80	448.50	448.30	448.30	448.10	447.90
3746509.48	450.40	450.00	449.60	449.30	448.90	448.50	448.40	448.30	448.30
3746434.48	450.30	450.10	449.70	449.20	448.80	448.50	448.10	448.10	448.20
3746359.48	450.80	450.00	449.80	449.00	448.60	448.30	448.10	447.90	447.90
3746284.48	450.80	450.20	449.70	449.40	448.60	448.70	448.80	448.80	448.50
3746209.48	451.10	450.40	449.90	449.20	448.50	448.40	447.80	447.80	448.00
3746134.48	451.30	450.70	450.10	449.20	448.10	447.70	447.30	447.20	447.00
3746059.48	451.30	450.80	450.20	449.30	447.60	447.50	447.50	447.40	447.40
3745984.48	451.30	450.70	450.20	449.50	447.90	447.90	448.00	448.00	447.80
3745909.48	451.30	450.70	450.40	449.70	449.20	448.70	448.60	448.30	448.30
3745834.48	451.50	450.90	450.60	450.00	449.40	449.00	448.70	448.60	448.60
3745759.48	451.70	451.20	450.80	450.30	449.90	449.60	449.20	449.00	448.70
3745684.48	451.70	451.20	450.80	450.50	450.10	449.70	449.30	448.80	447.80
3745609.48	451.70	451.30	451.00	450.50	449.90	449.50	449.00	448.60	447.70

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 477969.95	478044.95	478119.95	478194.95	478269.95	478344.95	478419.95	478494.95	478569.95
3747034.48	448.70	448.70	448.50	448.60	448.50	449.10	448.80	448.00	448.20
3746959.48	448.70	448.50	448.20	447.70	448.10	448.90	448.80	448.20	447.70
3746884.48	448.60	448.20	448.00	448.00	447.80	448.40	447.60	447.60	447.60
3746809.48	448.10	447.70	447.40	447.70	447.70	448.30	447.70	447.40	447.30
3746734.48	448.70	448.30	448.00	447.70	447.70	447.90	447.30	447.00	447.00
3746659.48	448.10	447.80	447.30	447.40	447.90	447.70	446.70	446.50	446.60
3746584.48	447.10	446.80	446.50	446.40	448.10	445.40	445.40	445.30	445.30
3746509.48	448.10	448.00	447.80	447.60	448.30	447.10	446.50	445.70	445.70
3746434.48	448.00	447.70	447.90	447.60	447.60	447.30	446.60	445.80	446.10
3746359.48	447.70	447.50	447.40	447.20	447.00	447.10	446.70	446.40	446.10
3746284.48	448.20	447.60	447.80	448.00	447.10	446.70	446.50	446.30	446.00
3746209.48	447.50	446.80	447.00	447.00	446.80	446.20	445.90	445.70	445.50
3746134.48	446.80	447.00	446.90	446.80	447.10	446.80	446.20	446.00	446.00
3746059.48	447.40	447.70	447.00	446.90	447.00	446.80	446.20	446.00	446.40
3745984.48	447.80	448.00	446.90	446.80	447.00	446.20	446.00	445.80	446.00
3745909.48	448.30	448.30	447.00	446.80	447.00	446.10	446.10	445.70	445.80
3745834.48	448.60	448.80	446.90	447.00	446.90	446.20	446.10	445.80	445.40
3745759.48	448.50	448.40	447.50	447.30	447.00	446.70	446.30	446.10	445.60
3745684.48	447.60	447.40	446.90	446.20	446.40	445.50	446.00	446.60	446.20
3745609.48	447.40	447.00	446.60	446.00	446.20	445.40	445.90	446.60	446.20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 478644.95	478719.95
3747034.48	447.90	447.70
3746959.48	447.50	447.80
3746884.48	447.60	447.60
3746809.48	447.30	447.30
3746734.48	447.00	446.90
3746659.48	446.60	446.60
3746584.48	445.30	445.10
3746509.48	445.70	445.70
3746434.48	446.00	446.10
3746359.48	446.00	445.80
3746284.48	445.80	445.60
3746209.48	445.20	445.00
3746134.48	445.70	445.80
3746059.48	445.70	445.90
3745984.48	445.40	445.20
3745909.48	445.60	445.70
3745834.48	445.80	445.40
3745759.48	445.50	445.20
3745684.48	445.20	444.50
3745609.48	444.40	444.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(476633.1,	3746546.2,	456.0,	456.0,	0.0);	(478292.3,	3746508.4,	448.3,	448.3,	0.0);
(478292.1,	3746421.6,	447.6,	447.6,	0.0);	(478180.5,	3746345.4,	447.3,	447.3,	0.0);
(477633.6,	3746348.0,	448.4,	448.4,	0.0);	(477038.3,	3746361.1,	452.8,	452.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001001	478292.1	3746421.6	0.77
L0001009	478270.0	3746359.5	-1.36
L0001017	478195.0	3746359.5	-0.11
L0001018	478195.0	3746359.5	-0.75
L0001026	478120.0	3746359.5	-1.37
L0001027	478120.0	3746359.5	0.43
L0001035	478045.0	3746359.5	-2.02
L0001043	477970.0	3746359.5	0.56
L0001044	477970.0	3746359.5	-1.89
L0001052	477895.0	3746359.5	-1.07
L0001053	477895.0	3746359.5	-1.02
L0001061	477820.0	3746359.5	-2.26
L0001062	477820.0	3746359.5	0.38
L0001070	477745.0	3746359.5	-2.73
L0001078	477670.0	3746359.5	-0.40
L0001079	477670.0	3746359.5	-2.32
L0001087	477595.0	3746359.5	-2.02
L0001088	477595.0	3746359.5	-1.17
L0001096	477520.0	3746359.5	-6.29
L0001097	477520.0	3746359.5	-1.92
L0001136	477220.0	3746509.5	-2.88
L0001137	477220.0	3746509.5	-5.55
L0001206	476633.1	3746546.2	0.43
L0001244	476470.0	3746809.5	-0.69
L0001269	476320.0	3746959.5	-0.02
L0001277	476245.0	3746959.5	-0.40
L0001278	476245.0	3746959.5	-3.16
L0001287	476170.0	3746959.5	0.99
L0001391	478120.0	3746509.5	-1.44
L0001392	478120.0	3746509.5	-1.66
L0001400	478045.0	3746509.5	-2.62
L0001401	478045.0	3746509.5	-0.10
L0001409	477970.0	3746509.5	-3.04
L0001417	477895.0	3746509.5	-0.33
L0001418	477895.0	3746509.5	-2.54
L0001426	477820.0	3746509.5	-1.88
L0001427	477820.0	3746509.5	-1.30
L0001435	477745.0	3746509.5	-2.88

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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
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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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: ..\..\..\Desktop_HRA_MET and TOPO data\peri_sfc_pfl\PERI_V11_trimmed.sfc Met Version: 22112
Profile file: ..\..\..\Desktop_HRA_MET and TOPO data\peri_sfc_pfl\PERI_V11_trimmed.pfl
Surface format: FREE
Profile format: FREE
Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2016 Year: 2016

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
16	01	01	1	01	-21.3	0.220	-9.000	-9.000	-999.	248.	53.3	0.06	0.53	1.00	3.11	342.	11.6	279.8	5.4
16	01	01	1	02	-23.0	0.238	-9.000	-9.000	-999.	278.	62.2	0.06	0.53	1.00	3.35	343.	11.6	279.6	5.4
16	01	01	1	03	-19.6	0.202	-9.000	-9.000	-999.	218.	44.9	0.06	0.53	1.00	2.87	342.	11.6	279.1	5.4
16	01	01	1	04	-15.2	0.175	-9.000	-9.000	-999.	176.	33.8	0.06	0.53	1.00	2.51	340.	11.6	278.7	5.4
16	01	01	1	05	-4.4	0.093	-9.000	-9.000	-999.	70.	15.7	0.06	0.53	1.00	1.36	335.	11.6	277.5	5.4
16	01	01	1	06	-13.9	0.167	-9.000	-9.000	-999.	164.	30.7	0.06	0.53	1.00	2.41	337.	11.6	278.0	5.4
16	01	01	1	07	-7.6	0.122	-9.000	-9.000	-999.	102.	20.5	0.06	0.53	1.00	1.80	356.	11.6	277.3	5.4
16	01	01	1	08	-25.5	0.388	-9.000	-9.000	-999.	579.	197.5	0.09	0.53	0.53	4.73	74.	10.1	274.3	5.4
16	01	01	1	09	22.4	0.406	0.330	0.005	55.	621.	-258.7	0.09	0.53	0.32	4.70	79.	10.1	277.2	5.4
16	01	01	1	10	55.5	0.399	0.599	0.005	134.	605.	-99.0	0.09	0.53	0.25	4.46	85.	10.1	283.0	5.4
16	01	01	1	11	78.4	0.108	0.975	0.005	409.	229.	-1.4	0.06	0.53	0.22	0.82	331.	11.6	286.7	5.4
16	01	01	1	12	85.7	0.137	1.097	0.005	532.	123.	-2.6	0.04	0.53	0.21	1.30	34.	11.6	288.6	5.4
16	01	01	1	13	85.3	0.107	1.147	0.005	611.	84.	-1.2	0.04	0.53	0.21	0.89	48.	11.6	290.2	5.4
16	01	01	1	14	61.6	0.118	1.057	0.005	662.	97.	-2.3	0.06	0.53	0.22	0.96	9.	11.6	290.5	5.4
16	01	01	1	15	45.7	0.115	1.038	0.005	844.	93.	-2.9	0.06	0.53	0.26	0.99	352.	11.6	290.7	5.4
16	01	01	1	16	14.9	0.098	0.732	0.005	908.	73.	-5.4	0.04	0.53	0.35	1.03	41.	11.6	289.9	5.4
16	01	01	1	17	-13.7	0.171	-9.000	-9.000	-999.	169.	32.1	0.04	0.53	0.63	2.63	59.	11.6	287.2	5.4
16	01	01	1	18	-17.5	0.186	-9.000	-9.000	-999.	193.	38.2	0.04	0.53	1.00	2.86	43.	11.6	284.7	5.4
16	01	01	1	19	-18.1	0.193	-9.000	-9.000	-999.	204.	41.1	0.06	0.53	1.00	2.70	15.	11.6	283.9	5.4
16	01	01	1	20	-11.3	0.151	-9.000	-9.000	-999.	141.	26.4	0.06	0.53	1.00	2.15	10.	11.6	283.3	5.4
16	01	01	1	21	-4.4	0.094	-9.000	-9.000	-999.	69.	16.1	0.06	0.53	1.00	1.35	17.	11.6	283.0	5.4
16	01	01	1	22	-3.0	0.077	-9.000	-9.000	-999.	52.	13.5	0.04	0.53	1.00	1.16	36.	11.6	282.6	5.4
16	01	01	1	23	-2.4	0.074	-9.000	-9.000	-999.	48.	14.3	0.06	0.53	1.00	0.95	360.	11.6	281.7	5.4
16	01	01	1	24	-1.7	0.068	-9.000	-9.000	-999.	43.	15.7	0.06	0.53	1.00	0.74	334.	11.6	280.6	5.4

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
16	01	01	01	5.4	0	-999.	-99.00	279.8	99.0	-99.00	-99.00
16	01	01	01	11.6	1	342.	3.11	-999.0	99.0	-99.00	-99.00

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000990 , L0000991 , L0000992 , L0000993 , L0000994 ,
L0000995 , L0000996 , L0000997 , L0000998 , L0000999 , L0001000 , L0001001 , L0001002 ,
L0001003 , L0001004 , L0001005 , L0001006 , L0001007 , L0001008 , L0001009 , L0001010 ,
L0001011 , L0001012 , L0001013 , L0001014 , L0001015 , L0001016 , L0001017 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 475944.95	476019.95	476094.95	476169.95	476244.95	476319.95	476394.95	476469.95	476544.95
3747034.48	0.00011	0.00017	0.00024	0.00028	0.00030	0.00029	0.00025	0.00020	0.00017
3746959.48	0.00013	0.00052	0.00118	0.00107	0.00098	0.00112	0.00054	0.00030	0.00022
3746884.48	0.00013	0.00022	0.00034	0.00040	0.00043	0.00049	0.00103	0.00057	0.00028
3746809.48	0.00011	0.00014	0.00019	0.00023	0.00026	0.00032	0.00048	0.00138	0.00037
3746734.48	0.00010	0.00012	0.00014	0.00017	0.00020	0.00025	0.00037	0.00128	0.00051
3746659.48	0.00009	0.00010	0.00012	0.00014	0.00017	0.00021	0.00029	0.00062	0.00082
3746584.48	0.00008	0.00009	0.00010	0.00012	0.00015	0.00018	0.00024	0.00038	0.00132
3746509.48	0.00007	0.00008	0.00010	0.00011	0.00013	0.00015	0.00019	0.00026	0.00038
3746434.48	0.00007	0.00008	0.00009	0.00010	0.00012	0.00013	0.00016	0.00019	0.00024
3746359.48	0.00007	0.00007	0.00008	0.00009	0.00010	0.00012	0.00014	0.00016	0.00018
3746284.48	0.00006	0.00007	0.00008	0.00009	0.00010	0.00011	0.00012	0.00014	0.00015
3746209.48	0.00006	0.00007	0.00007	0.00008	0.00009	0.00010	0.00011	0.00012	0.00013
3746134.48	0.00006	0.00006	0.00007	0.00008	0.00008	0.00009	0.00010	0.00011	0.00012
3746059.48	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008	0.00009	0.00010	0.00011
3745984.48	0.00005	0.00006	0.00006	0.00007	0.00007	0.00008	0.00009	0.00009	0.00010
3745909.48	0.00005	0.00006	0.00006	0.00006	0.00007	0.00008	0.00008	0.00009	0.00009
3745834.48	0.00005	0.00005	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008	0.00009
3745759.48	0.00005	0.00005	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008
3745684.48	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008
3745609.48	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006	0.00007	0.00007	0.00007

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000990 , L0000991 , L0000992 , L0000993 , L0000994 ,
L0000995 , L0000996 , L0000997 , L0000998 , L0000999 , L0001000 , L0001001 , L0001002 ,
L0001003 , L0001004 , L0001005 , L0001006 , L0001007 , L0001008 , L0001009 , L0001010 ,
L0001011 , L0001012 , L0001013 , L0001014 , L0001015 , L0001016 , L0001017 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 476619.95	476694.95	476769.95	476844.95	476919.95	476994.95	477069.95	477144.95	477219.95
3747034.48	0.00015	0.00015	0.00014	0.00014	0.00015	0.00016	0.00016	0.00017	0.00018
3746959.48	0.00018	0.00017	0.00016	0.00016	0.00016	0.00017	0.00018	0.00019	0.00020
3746884.48	0.00021	0.00019	0.00018	0.00018	0.00018	0.00019	0.00020	0.00021	0.00023
3746809.48	0.00025	0.00022	0.00021	0.00021	0.00021	0.00022	0.00023	0.00024	0.00026
3746734.48	0.00031	0.00026	0.00025	0.00025	0.00025	0.00026	0.00027	0.00028	0.00030
3746659.48	0.00042	0.00035	0.00033	0.00033	0.00034	0.00035	0.00037	0.00037	0.00036
3746584.48	0.00092	0.00068	0.00067	0.00068	0.00070	0.00073	0.00082	0.00068	0.00053
3746509.48	0.00059	0.00070	0.00070	0.00070	0.00070	0.00070	0.00070	0.00087	0.00129
3746434.48	0.00030	0.00034	0.00035	0.00036	0.00037	0.00039	0.00041	0.00047	0.00062
3746359.48	0.00021	0.00024	0.00026	0.00027	0.00028	0.00030	0.00032	0.00036	0.00043
3746284.48	0.00017	0.00019	0.00021	0.00022	0.00023	0.00025	0.00027	0.00030	0.00035
3746209.48	0.00015	0.00016	0.00018	0.00019	0.00020	0.00022	0.00024	0.00027	0.00030
3746134.48	0.00013	0.00014	0.00016	0.00017	0.00018	0.00020	0.00022	0.00024	0.00027
3746059.48	0.00012	0.00013	0.00014	0.00015	0.00017	0.00018	0.00020	0.00022	0.00024
3745984.48	0.00011	0.00012	0.00013	0.00014	0.00015	0.00017	0.00018	0.00019	0.00021
3745909.48	0.00010	0.00011	0.00012	0.00013	0.00014	0.00015	0.00016	0.00018	0.00019
3745834.48	0.00010	0.00010	0.00011	0.00012	0.00013	0.00014	0.00015	0.00016	0.00017
3745759.48	0.00009	0.00010	0.00010	0.00011	0.00012	0.00013	0.00014	0.00014	0.00015
3745684.48	0.00008	0.00009	0.00010	0.00010	0.00011	0.00012	0.00012	0.00013	0.00014
3745609.48	0.00008	0.00008	0.00009	0.00010	0.00010	0.00011	0.00011	0.00012	0.00013

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000990 , L0000991 , L0000992 , L0000993 , L0000994 ,
L0000995 , L0000996 , L0000997 , L0000998 , L0000999 , L0001000 , L0001001 , L0001002 ,
L0001003 , L0001004 , L0001005 , L0001006 , L0001007 , L0001008 , L0001009 , L0001010 ,
L0001011 , L0001012 , L0001013 , L0001014 , L0001015 , L0001016 , L0001017 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 477294.95	477369.95	477444.95	477519.95	477594.95	477669.95	477744.95	477819.95	477894.95
3747034.48	0.00019	0.00021	0.00022	0.00024	0.00027	0.00029	0.00031	0.00032	0.00033
3746959.48	0.00022	0.00023	0.00026	0.00028	0.00031	0.00034	0.00037	0.00040	0.00041
3746884.48	0.00024	0.00027	0.00029	0.00033	0.00037	0.00042	0.00047	0.00051	0.00054
3746809.48	0.00028	0.00030	0.00034	0.00039	0.00045	0.00053	0.00062	0.00069	0.00073
3746734.48	0.00032	0.00035	0.00039	0.00046	0.00056	0.00070	0.00085	0.00099	0.00107
3746659.48	0.00037	0.00040	0.00046	0.00055	0.00071	0.00097	0.00131	0.00160	0.00177
3746584.48	0.00047	0.00047	0.00053	0.00065	0.00090	0.00144	0.00255	0.00343	0.00374
3746509.48	0.00075	0.00059	0.00062	0.00075	0.00108	0.00217	0.01054	0.01346	0.01406
3746434.48	0.00129	0.00108	0.00091	0.00092	0.00123	0.00234	0.00405	0.00462	0.00501
3746359.48	0.00057	0.00083	0.00111	0.00157	0.00173	0.00224	0.00312	0.00290	0.00311
3746284.48	0.00042	0.00051	0.00063	0.00078	0.00092	0.00110	0.00131	0.00147	0.00159
3746209.48	0.00035	0.00040	0.00048	0.00056	0.00064	0.00074	0.00084	0.00094	0.00101
3746134.48	0.00030	0.00034	0.00039	0.00044	0.00049	0.00055	0.00061	0.00066	0.00071
3746059.48	0.00026	0.00029	0.00032	0.00036	0.00039	0.00043	0.00047	0.00050	0.00053
3745984.48	0.00023	0.00025	0.00027	0.00030	0.00032	0.00035	0.00037	0.00039	0.00042
3745909.48	0.00020	0.00022	0.00024	0.00025	0.00027	0.00029	0.00031	0.00032	0.00034
3745834.48	0.00018	0.00019	0.00021	0.00022	0.00023	0.00024	0.00026	0.00027	0.00028
3745759.48	0.00016	0.00017	0.00018	0.00019	0.00020	0.00021	0.00022	0.00023	0.00023
3745684.48	0.00015	0.00015	0.00016	0.00017	0.00017	0.00018	0.00019	0.00020	0.00020
3745609.48	0.00013	0.00014	0.00014	0.00015	0.00015	0.00016	0.00017	0.00017	0.00018

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000990 , L0000991 , L0000992 , L0000993 , L0000994 ,
L0000995 , L0000996 , L0000997 , L0000998 , L0000999 , L0001000 , L0001001 , L0001002 ,
L0001003 , L0001004 , L0001005 , L0001006 , L0001007 , L0001008 , L0001009 , L0001010 ,
L0001011 , L0001012 , L0001013 , L0001014 , L0001015 , L0001016 , L0001017 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 477969.95	478044.95	478119.95	478194.95	478269.95	478344.95	478419.95	478494.95	478569.95
3747034.48	0.00033	0.00033	0.00031	0.00029	0.00027	0.00025	0.00022	0.00020	0.00018
3746959.48	0.00042	0.00041	0.00039	0.00036	0.00033	0.00029	0.00026	0.00023	0.00020
3746884.48	0.00054	0.00053	0.00050	0.00045	0.00040	0.00035	0.00030	0.00026	0.00022
3746809.48	0.00074	0.00072	0.00067	0.00060	0.00051	0.00043	0.00035	0.00029	0.00025
3746734.48	0.00110	0.00106	0.00097	0.00083	0.00067	0.00053	0.00042	0.00034	0.00027
3746659.48	0.00181	0.00175	0.00157	0.00128	0.00095	0.00068	0.00050	0.00038	0.00030
3746584.48	0.00380	0.00369	0.00333	0.00248	0.00155	0.00090	0.00059	0.00043	0.00033
3746509.48	0.01750	0.01404	0.01329	0.00973	0.00426	0.00116	0.00066	0.00045	0.00034
3746434.48	0.00508	0.00496	0.00455	0.00345	0.00326	0.00126	0.00067	0.00045	0.00034
3746359.48	0.00320	0.00340	0.00292	0.00260	0.00265	0.00111	0.00064	0.00044	0.00033
3746284.48	0.00165	0.00163	0.00154	0.00138	0.00115	0.00085	0.00058	0.00041	0.00031
3746209.48	0.00106	0.00106	0.00102	0.00093	0.00081	0.00067	0.00051	0.00039	0.00030
3746134.48	0.00074	0.00075	0.00074	0.00069	0.00063	0.00054	0.00045	0.00036	0.00029
3746059.48	0.00056	0.00057	0.00056	0.00054	0.00050	0.00045	0.00039	0.00033	0.00027
3745984.48	0.00043	0.00044	0.00044	0.00043	0.00041	0.00038	0.00034	0.00030	0.00025
3745909.48	0.00035	0.00036	0.00036	0.00035	0.00034	0.00032	0.00030	0.00027	0.00024
3745834.48	0.00029	0.00029	0.00030	0.00030	0.00029	0.00028	0.00026	0.00024	0.00022
3745759.48	0.00024	0.00025	0.00025	0.00025	0.00025	0.00024	0.00023	0.00022	0.00020
3745684.48	0.00021	0.00021	0.00021	0.00022	0.00021	0.00021	0.00020	0.00019	0.00018
3745609.48	0.00018	0.00018	0.00019	0.00019	0.00019	0.00018	0.00018	0.00017	0.00016

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000990 , L0000991 , L0000992 , L0000993 , L0000994 ,
L0000995 , L0000996 , L0000997 , L0000998 , L0000999 , L0001000 , L0001001 , L0001002 ,
L0001003 , L0001004 , L0001005 , L0001006 , L0001007 , L0001008 , L0001009 , L0001010 ,
L0001011 , L0001012 , L0001013 , L0001014 , L0001015 , L0001016 , L0001017 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 478644.95	478719.95
3747034.48	0.00016	0.00014
3746959.48	0.00017	0.00015
3746884.48	0.00019	0.00017
3746809.48	0.00021	0.00018
3746734.48	0.00023	0.00019
3746659.48	0.00025	0.00021
3746584.48	0.00026	0.00022
3746509.48	0.00027	0.00022
3746434.48	0.00027	0.00022
3746359.48	0.00026	0.00021
3746284.48	0.00025	0.00021
3746209.48	0.00024	0.00020
3746134.48	0.00023	0.00019
3746059.48	0.00022	0.00019
3745984.48	0.00021	0.00018
3745909.48	0.00020	0.00018
3745834.48	0.00019	0.00017
3745759.48	0.00018	0.00016
3745684.48	0.00017	0.00015
3745609.48	0.00015	0.00014

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000990 , L0000991 , L0000992 , L0000993 , L0000994 ,
L0000995 , L0000996 , L0000997 , L0000998 , L0000999 , L0001000 , L0001001 , L0001002 ,
L0001003 , L0001004 , L0001005 , L0001006 , L0001007 , L0001008 , L0001009 , L0001010 ,
L0001011 , L0001012 , L0001013 , L0001014 , L0001015 , L0001016 , L0001017 , . . . ,

*** 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
476633.11	3746546.21	0.00127	478292.35	3746508.39	0.00324
478292.09	3746421.57	0.00302	478180.45	3746345.37	0.00247
477633.56	3746348.00	0.00195	477038.28	3746361.07	0.00031

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.01750 AT	(477969.95, 3746509.48, 448.10, 448.10, 0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	0.01406 AT	(477894.95, 3746509.48, 448.30, 448.30, 0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	0.01404 AT	(478044.95, 3746509.48, 448.00, 448.00, 0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	0.01346 AT	(477819.95, 3746509.48, 448.30, 448.30, 0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	0.01329 AT	(478119.95, 3746509.48, 447.80, 447.80, 0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	0.01054 AT	(477744.95, 3746509.48, 448.40, 448.40, 0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	0.00973 AT	(478194.95, 3746509.48, 447.60, 447.60, 0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00508 AT	(477969.95, 3746434.48, 448.00, 448.00, 0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00501 AT	(477894.95, 3746434.48, 448.20, 448.20, 0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00496 AT	(478044.95, 3746434.48, 447.70, 447.70, 0.00)	GC	UCART1

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

```
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

*** 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          598 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of          227 Calm Hours Identified

A Total of          371 Missing Hours Identified (  0.85 Percent)


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


   ********   WARNING MESSAGES   ********
ME W186    1071       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used           0.50
ME W187    1071       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
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**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 12/17/2024
** File: C:\Users\monicat\Desktop\FIR Harley\ProjAB3\ProjAB3.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE First Industrial Logistics at Harley Knox and Indian
   TITLETWO Project only DPM Concentration (2026) - AB3
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2492442 Riverside
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL ProjAB3.err
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ---------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Indian Avenue B/n N. Driveway and Harley Knox Boulevard
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.791E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 478282.103, 3746519.414, 448.50, 3.49, 4.00
** 478283.123, 3746368.355, 446.98, 3.49, 4.00
** ---------------------------------------------------------------------
```

```
   LOCATION L0001436     VOLUME   478282.132 3746515.119 448.44
   LOCATION L0001437     VOLUME   478282.190 3746506.529 448.38
   LOCATION L0001438     VOLUME   478282.248 3746497.939 448.33
   LOCATION L0001439     VOLUME   478282.306 3746489.350 448.27
   LOCATION L0001440     VOLUME   478282.364 3746480.760 448.19
   LOCATION L0001441     VOLUME   478282.422 3746472.170 448.11
   LOCATION L0001442     VOLUME   478282.480 3746463.580 448.04
   LOCATION L0001443     VOLUME   478282.538 3746454.990 447.95
   LOCATION L0001444     VOLUME   478282.596 3746446.401 447.85
   LOCATION L0001445     VOLUME   478282.654 3746437.811 447.75
   LOCATION L0001446     VOLUME   478282.712 3746429.221 447.65
   LOCATION L0001447     VOLUME   478282.770 3746420.631 447.56
   LOCATION L0001448     VOLUME   478282.828 3746412.041 447.47
   LOCATION L0001449     VOLUME   478282.886 3746403.451 447.37
   LOCATION L0001450     VOLUME   478282.944 3746394.862 447.28
   LOCATION L0001451     VOLUME   478283.002 3746386.272 447.20
   LOCATION L0001452     VOLUME   478283.060 3746377.682 447.11
   LOCATION L0001453     VOLUME   478283.118 3746369.092 447.02
** End of LINE VOLUME Source ID = SLINE1
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Harley Knox Boulevard B/n Indian Avenue and  I-215 Ramps
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001898
** Vertical Dimension = 6.99
** SZINIT = 3.25
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   LOCATION L0001478     VOLUME   478070.988 3746366.113 447.49
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LOCATION	L0001617	VOLUME	476935.601	3746551.076	453.26
LOCATION	L0001618	VOLUME	476927.011	3746550.981	453.34
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LOCATION	L0001626	VOLUME	476858.295	3746550.220	454.01
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LOCATION	L0001678	VOLUME	476492.332	3746706.835	457.39

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LOCATION	L0001687	VOLUME	476469.472	3746780.648	457.68
LOCATION	L0001688	VOLUME	476467.331	3746788.967	457.67
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LOCATION	L0001693	VOLUME	476456.627	3746830.562	457.81
LOCATION	L0001694	VOLUME	476454.013	3746838.674	457.76
LOCATION	L0001695	VOLUME	476449.359	3746845.894	457.71
LOCATION	L0001696	VOLUME	476444.705	3746853.114	457.69
LOCATION	L0001697	VOLUME	476440.051	3746860.334	457.75
LOCATION	L0001698	VOLUME	476435.397	3746867.554	457.81
LOCATION	L0001699	VOLUME	476430.743	3746874.774	457.80
LOCATION	L0001700	VOLUME	476426.089	3746881.994	457.77
LOCATION	L0001701	VOLUME	476420.510	3746888.428	457.75
LOCATION	L0001702	VOLUME	476414.132	3746894.181	457.89
LOCATION	L0001703	VOLUME	476407.753	3746899.934	457.98
LOCATION	L0001704	VOLUME	476401.374	3746905.688	458.03
LOCATION	L0001705	VOLUME	476394.995	3746911.441	457.97
LOCATION	L0001706	VOLUME	476388.617	3746917.194	457.98
LOCATION	L0001707	VOLUME	476382.182	3746922.876	458.09
LOCATION	L0001708	VOLUME	476375.101	3746927.740	458.23
LOCATION	L0001709	VOLUME	476367.372	3746931.487	458.27
LOCATION	L0001710	VOLUME	476359.642	3746935.233	458.30
LOCATION	L0001711	VOLUME	476351.912	3746938.979	458.33
LOCATION	L0001712	VOLUME	476344.181	3746942.725	458.32
LOCATION	L0001713	VOLUME	476336.451	3746946.471	458.32
LOCATION	L0001714	VOLUME	476328.500	3746949.517	458.36
LOCATION	L0001715	VOLUME	476320.021	3746950.896	458.42
LOCATION	L0001716	VOLUME	476311.543	3746952.275	458.47
LOCATION	L0001717	VOLUME	476303.064	3746953.654	458.52
LOCATION	L0001718	VOLUME	476294.585	3746955.033	458.59
LOCATION	L0001719	VOLUME	476286.107	3746956.412	458.64
LOCATION	L0001720	VOLUME	476277.628	3746957.791	458.68
LOCATION	L0001721	VOLUME	476269.150	3746959.170	458.76
LOCATION	L0001722	VOLUME	476260.736	3746957.656	458.97
LOCATION	L0001723	VOLUME	476252.327	3746955.899	459.18
LOCATION	L0001724	VOLUME	476243.919	3746954.142	459.37
LOCATION	L0001725	VOLUME	476235.451	3746952.764	459.54
LOCATION	L0001726	VOLUME	476226.909	3746951.854	459.71
LOCATION	L0001727	VOLUME	476218.361	3746951.054	459.87
LOCATION	L0001728	VOLUME	476209.772	3746950.948	460.01

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   LOCATION L0001729     VOLUME   476201.182 3746950.841 460.15
   LOCATION L0001730     VOLUME   476192.593 3746950.734 460.33
   LOCATION L0001731     VOLUME   476184.004 3746950.627 460.63
   LOCATION L0001732     VOLUME   476175.414 3746950.521 460.93
   LOCATION L0001733     VOLUME   476166.825 3746950.414 461.25
   LOCATION L0001734     VOLUME   476158.236 3746950.307 461.61
   LOCATION L0001735     VOLUME   476149.646 3746950.200 461.97
   LOCATION L0001736     VOLUME   476141.057 3746950.094 462.34
   LOCATION L0001737     VOLUME   476132.468 3746949.987 462.74
   LOCATION L0001738     VOLUME   476123.878 3746949.880 463.14
   LOCATION L0001739     VOLUME   476115.289 3746949.773 463.54
   LOCATION L0001740     VOLUME   476106.700 3746949.667 463.96
   LOCATION L0001741     VOLUME   476098.110 3746949.560 464.38
   LOCATION L0001742     VOLUME   476089.521 3746949.453 464.80
   LOCATION L0001743     VOLUME   476080.932 3746949.346 465.22
   LOCATION L0001744     VOLUME   476072.342 3746949.240 465.64
   LOCATION L0001745     VOLUME   476063.753 3746949.133 466.14
   LOCATION L0001746     VOLUME   476055.164 3746949.026 466.78
   LOCATION L0001747     VOLUME   476046.574 3746948.919 467.42
   LOCATION L0001748     VOLUME   476037.985 3746948.812 467.83
   LOCATION L0001749     VOLUME   476029.396 3746948.706 467.77
** End of LINE VOLUME Source ID = SLINE2
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Drive Aisle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001234
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 8
** 478275.230, 3746523.711, 448.57, 3.49, 4.00
** 478229.815, 3746523.497, 447.57, 3.49, 4.00
** 478190.429, 3746523.896, 447.58, 3.49, 4.00
** 478112.224, 3746523.167, 447.83, 3.49, 4.00
** 477741.749, 3746523.504, 448.46, 3.49, 4.00
** 477713.278, 3746492.001, 448.34, 3.49, 4.00
** 477712.773, 3746457.285, 448.25, 3.49, 4.00
** 477711.847, 3746381.136, 448.14, 3.49, 4.00
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   LOCATION L0001750     VOLUME   478270.935 3746523.691 448.27
   LOCATION L0001751     VOLUME   478262.345 3746523.650 447.95
   LOCATION L0001752     VOLUME   478253.756 3746523.610 447.63
   LOCATION L0001753     VOLUME   478245.166 3746523.569 447.45
   LOCATION L0001754     VOLUME   478236.576 3746523.529 447.41
   LOCATION L0001755     VOLUME   478227.986 3746523.515 447.37
   LOCATION L0001756     VOLUME   478219.396 3746523.602 447.35
   LOCATION L0001757     VOLUME   478210.807 3746523.690 447.36
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LOCATION	L0001758	VOLUME	478202.217	3746523.777	447.37
LOCATION	L0001759	VOLUME	478193.628	3746523.864	447.38
LOCATION	L0001760	VOLUME	478185.038	3746523.846	447.40
LOCATION	L0001761	VOLUME	478176.448	3746523.766	447.43
LOCATION	L0001762	VOLUME	478167.859	3746523.686	447.46
LOCATION	L0001763	VOLUME	478159.269	3746523.606	447.49
LOCATION	L0001764	VOLUME	478150.680	3746523.526	447.52
LOCATION	L0001765	VOLUME	478142.090	3746523.446	447.55
LOCATION	L0001766	VOLUME	478133.500	3746523.366	447.59
LOCATION	L0001767	VOLUME	478124.911	3746523.285	447.62
LOCATION	L0001768	VOLUME	478116.321	3746523.205	447.66
LOCATION	L0001769	VOLUME	478107.731	3746523.171	447.69
LOCATION	L0001770	VOLUME	478099.141	3746523.179	447.72
LOCATION	L0001771	VOLUME	478090.551	3746523.187	447.76
LOCATION	L0001772	VOLUME	478081.961	3746523.195	447.81
LOCATION	L0001773	VOLUME	478073.371	3746523.202	447.85
LOCATION	L0001774	VOLUME	478064.781	3746523.210	447.88
LOCATION	L0001775	VOLUME	478056.191	3746523.218	447.88
LOCATION	L0001776	VOLUME	478047.601	3746523.226	447.89
LOCATION	L0001777	VOLUME	478039.011	3746523.234	447.89
LOCATION	L0001778	VOLUME	478030.421	3746523.242	447.89
LOCATION	L0001779	VOLUME	478021.831	3746523.249	447.89
LOCATION	L0001780	VOLUME	478013.241	3746523.257	447.88
LOCATION	L0001781	VOLUME	478004.651	3746523.265	447.88
LOCATION	L0001782	VOLUME	477996.061	3746523.273	447.87
LOCATION	L0001783	VOLUME	477987.471	3746523.281	447.88
LOCATION	L0001784	VOLUME	477978.881	3746523.288	447.91
LOCATION	L0001785	VOLUME	477970.291	3746523.296	447.93
LOCATION	L0001786	VOLUME	477961.701	3746523.304	447.97
LOCATION	L0001787	VOLUME	477953.111	3746523.312	448.01
LOCATION	L0001788	VOLUME	477944.521	3746523.320	448.05
LOCATION	L0001789	VOLUME	477935.931	3746523.328	448.09
LOCATION	L0001790	VOLUME	477927.341	3746523.335	448.12
LOCATION	L0001791	VOLUME	477918.751	3746523.343	448.15
LOCATION	L0001792	VOLUME	477910.161	3746523.351	448.16
LOCATION	L0001793	VOLUME	477901.571	3746523.359	448.15
LOCATION	L0001794	VOLUME	477892.981	3746523.367	448.15
LOCATION	L0001795	VOLUME	477884.391	3746523.374	448.15
LOCATION	L0001796	VOLUME	477875.801	3746523.382	448.15
LOCATION	L0001797	VOLUME	477867.211	3746523.390	448.14
LOCATION	L0001798	VOLUME	477858.621	3746523.398	448.14
LOCATION	L0001799	VOLUME	477850.031	3746523.406	448.15
LOCATION	L0001800	VOLUME	477841.441	3746523.414	448.16
LOCATION	L0001801	VOLUME	477832.851	3746523.421	448.16
LOCATION	L0001802	VOLUME	477824.261	3746523.429	448.17
LOCATION	L0001803	VOLUME	477815.671	3746523.437	448.17
LOCATION	L0001804	VOLUME	477807.081	3746523.445	448.18
LOCATION	L0001805	VOLUME	477798.491	3746523.453	448.19
LOCATION	L0001806	VOLUME	477789.901	3746523.460	448.20
LOCATION	L0001807	VOLUME	477781.311	3746523.468	448.23

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   LOCATION L0001808     VOLUME   477772.721 3746523.476 448.26
   LOCATION L0001809     VOLUME   477764.131 3746523.484 448.29
   LOCATION L0001810     VOLUME   477755.541 3746523.492 448.31
   LOCATION L0001811     VOLUME   477746.951 3746523.499 448.33
   LOCATION L0001812     VOLUME   477739.478 3746520.991 448.45
   LOCATION L0001813     VOLUME   477733.718 3746514.618 448.44
   LOCATION L0001814     VOLUME   477727.958 3746508.245 448.42
   LOCATION L0001815     VOLUME   477722.199 3746501.872 448.39
   LOCATION L0001816     VOLUME   477716.439 3746495.499 448.36
   LOCATION L0001817     VOLUME   477713.221 3746488.126 448.34
   LOCATION L0001818     VOLUME   477713.096 3746479.537 448.31
   LOCATION L0001819     VOLUME   477712.971 3746470.948 448.28
   LOCATION L0001820     VOLUME   477712.846 3746462.359 448.26
   LOCATION L0001821     VOLUME   477712.730 3746453.770 448.23
   LOCATION L0001822     VOLUME   477712.625 3746445.181 448.21
   LOCATION L0001823     VOLUME   477712.521 3746436.591 448.19
   LOCATION L0001824     VOLUME   477712.417 3746428.002 448.17
   LOCATION L0001825     VOLUME   477712.312 3746419.412 448.16
   LOCATION L0001826     VOLUME   477712.208 3746410.823 448.15
   LOCATION L0001827     VOLUME   477712.103 3746402.234 448.14
   LOCATION L0001828     VOLUME   477711.999 3746393.644 448.13
   LOCATION L0001829     VOLUME   477711.894 3746385.055 448.13
** End of LINE VOLUME Source ID = SLINE3
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Loading Area
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00004937
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 478188.852, 3746503.881, 447.58, 3.49, 4.00
** 477746.190, 3746503.966, 448.41, 3.49, 4.00
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   LOCATION L0001830     VOLUME   478184.557 3746503.882 447.60
   LOCATION L0001831     VOLUME   478175.967 3746503.883 447.62
   LOCATION L0001832     VOLUME   478167.377 3746503.885 447.65
   LOCATION L0001833     VOLUME   478158.787 3746503.887 447.68
   LOCATION L0001834     VOLUME   478150.197 3746503.888 447.71
   LOCATION L0001835     VOLUME   478141.607 3746503.890 447.74
   LOCATION L0001836     VOLUME   478133.017 3746503.892 447.76
   LOCATION L0001837     VOLUME   478124.427 3746503.893 447.79
   LOCATION L0001838     VOLUME   478115.837 3746503.895 447.82
   LOCATION L0001839     VOLUME   478107.247 3746503.897 447.86
   LOCATION L0001840     VOLUME   478098.657 3746503.898 447.89
   LOCATION L0001841     VOLUME   478090.067 3746503.900 447.92
   LOCATION L0001842     VOLUME   478081.477 3746503.902 447.96
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   LOCATION L0001843     VOLUME   478072.887 3746503.903 448.00
   LOCATION L0001844     VOLUME   478064.297 3746503.905 448.02
   LOCATION L0001845     VOLUME   478055.707 3746503.906 448.02
   LOCATION L0001846     VOLUME   478047.117 3746503.908 448.03
   LOCATION L0001847     VOLUME   478038.527 3746503.910 448.02
   LOCATION L0001848     VOLUME   478029.937 3746503.911 448.02
   LOCATION L0001849     VOLUME   478021.347 3746503.913 448.01
   LOCATION L0001850     VOLUME   478012.757 3746503.915 448.00
   LOCATION L0001851     VOLUME   478004.167 3746503.916 448.00
   LOCATION L0001852     VOLUME   477995.577 3746503.918 447.99
   LOCATION L0001853     VOLUME   477986.987 3746503.920 448.01
   LOCATION L0001854     VOLUME   477978.397 3746503.921 448.05
   LOCATION L0001855     VOLUME   477969.807 3746503.923 448.08
   LOCATION L0001856     VOLUME   477961.217 3746503.925 448.13
   LOCATION L0001857     VOLUME   477952.627 3746503.926 448.18
   LOCATION L0001858     VOLUME   477944.037 3746503.928 448.23
   LOCATION L0001859     VOLUME   477935.447 3746503.930 448.26
   LOCATION L0001860     VOLUME   477926.857 3746503.931 448.28
   LOCATION L0001861     VOLUME   477918.267 3746503.933 448.31
   LOCATION L0001862     VOLUME   477909.677 3746503.935 448.31
   LOCATION L0001863     VOLUME   477901.087 3746503.936 448.30
   LOCATION L0001864     VOLUME   477892.497 3746503.938 448.30
   LOCATION L0001865     VOLUME   477883.907 3746503.940 448.28
   LOCATION L0001866     VOLUME   477875.317 3746503.941 448.27
   LOCATION L0001867     VOLUME   477866.727 3746503.943 448.25
   LOCATION L0001868     VOLUME   477858.137 3746503.945 448.25
   LOCATION L0001869     VOLUME   477849.547 3746503.946 448.25
   LOCATION L0001870     VOLUME   477840.957 3746503.948 448.25
   LOCATION L0001871     VOLUME   477832.367 3746503.949 448.25
   LOCATION L0001872     VOLUME   477823.777 3746503.951 448.25
   LOCATION L0001873     VOLUME   477815.187 3746503.953 448.25
   LOCATION L0001874     VOLUME   477806.597 3746503.954 448.25
   LOCATION L0001875     VOLUME   477798.007 3746503.956 448.27
   LOCATION L0001876     VOLUME   477789.417 3746503.958 448.28
   LOCATION L0001877     VOLUME   477780.827 3746503.959 448.30
   LOCATION L0001878     VOLUME   477772.237 3746503.961 448.33
   LOCATION L0001879     VOLUME   477763.647 3746503.963 448.36
   LOCATION L0001880     VOLUME   477755.057 3746503.964 448.38
   LOCATION L0001881     VOLUME   477746.467 3746503.966 448.39
** End of LINE VOLUME Source ID = SLINE4
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0001436     0.0000000995      3.49      4.00      3.25
   SRCPARAM L0001437     0.0000000995      3.49      4.00      3.25
   SRCPARAM L0001438     0.0000000995      3.49      4.00      3.25
   SRCPARAM L0001439     0.0000000995      3.49      4.00      3.25
   SRCPARAM L0001440     0.0000000995      3.49      4.00      3.25
   SRCPARAM L0001441     0.0000000995      3.49      4.00      3.25
   SRCPARAM L0001442     0.0000000995      3.49      4.00      3.25
   SRCPARAM L0001443     0.0000000995      3.49      4.00      3.25
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   SRCPARAM L0001444     0.0000000995      3.49      4.00      3.25
   SRCPARAM L0001445     0.0000000995      3.49      4.00      3.25
   SRCPARAM L0001446     0.0000000995      3.49      4.00      3.25
   SRCPARAM L0001447     0.0000000995      3.49      4.00      3.25
   SRCPARAM L0001448     0.0000000995      3.49      4.00      3.25
   SRCPARAM L0001449     0.0000000995      3.49      4.00      3.25
   SRCPARAM L0001450     0.0000000995      3.49      4.00      3.25
   SRCPARAM L0001451     0.0000000995      3.49      4.00      3.25
   SRCPARAM L0001452     0.0000000995      3.49      4.00      3.25
   SRCPARAM L0001453     0.0000000995      3.49      4.00      3.25
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** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0001454     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001455     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001456     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001457     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001458     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001459     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001460     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001461     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001462     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001463     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001464     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001465     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001466     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001467     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001468     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001469     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001470     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001471     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001472     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001473     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001474     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001475     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001476     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001477     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001478     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001479     0.00000006412      3.49      4.00      3.25
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   SRCPARAM L0001481     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001482     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001483     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001484     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001485     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001486     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001487     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001488     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001489     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001490     0.00000006412      3.49      4.00      3.25
   SRCPARAM L0001491     0.00000006412      3.49      4.00      3.25
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SRCPARAM L0001495	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001496	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001497	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001498	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001499	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001500	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001501	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001502	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001503	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001504	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001505	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001506	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001507	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001508	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001509	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001510	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001511	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001512	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001513	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001514	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001515	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001516	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001517	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001518	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001519	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001520	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001521	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001522	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001523	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001524	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001525	0.00000006412	3.49	4.00	3.25
SRCPARAM L0001526	0.00000006412	3.49	4.00	3.25
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   SRCPARAM L0001822     0.0000001542      3.49      4.00      3.25
   SRCPARAM L0001823     0.0000001542      3.49      4.00      3.25
   SRCPARAM L0001824     0.0000001542      3.49      4.00      3.25
   SRCPARAM L0001825     0.0000001542      3.49      4.00      3.25
   SRCPARAM L0001826     0.0000001542      3.49      4.00      3.25
   SRCPARAM L0001827     0.0000001542      3.49      4.00      3.25
   SRCPARAM L0001828     0.0000001542      3.49      4.00      3.25
   SRCPARAM L0001829     0.0000001542      3.49      4.00      3.25
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0001830     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001831     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001832     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001833     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001834     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001835     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001836     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001837     0.0000009494      3.49      4.00      3.25
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   SRCPARAM L0001838     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001839     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001840     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001841     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001842     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001843     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001844     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001845     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001846     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001847     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001848     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001849     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001850     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001851     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001852     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001853     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001854     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001855     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001856     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001857     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001858     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001859     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001860     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001861     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001862     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001863     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001864     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001865     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001866     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001867     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001868     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001869     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001870     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001871     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001872     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001873     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001874     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001875     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001876     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001877     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001878     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001879     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001880     0.0000009494      3.49      4.00      3.25
   SRCPARAM L0001881     0.0000009494      3.49      4.00      3.25
** ----------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
****************************************
```

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** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED ProjAB3.rou
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE "..\..\Desktop\_HRA_MET and TOPO data\peri_sfc_pfl\PERI_V11_trimmed.sfc"
   PROFFILE "..\..\Desktop\_HRA_MET and TOPO data\peri_sfc_pfl\PERI_V11_trimmed.pfl"
   SURFDATA 3171 2016
   UAIRDATA 3190 2016
   SITEDATA 60656001 2016
   PROFBASE 442.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL PROJAB3.AD\PE00GALL.PLT 31
   SUMMFILE ProjAB3.sum
OU FINISHED
  *** Message Summary For AERMOD Model Setup ***

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

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


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***
    ********   WARNING MESSAGES   ********
 ME W186    1071       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used           0.50
 ME W187    1071       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        ***     MODEL SETUP OPTIONS SUMMARY       ***
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

** Model Options Selected:
     * Model Uses Regulatory DEFAULT Options
     * Model Is Setup For Calculation of Average CONCentration Values.
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE  =  F
     * Model Uses NO WET DEPLETION. WETDPLT  =  F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses URBAN Dispersion Algorithm for the SBL for   446 Source(s),
       for Total of    1 Urban Area(s):
  Urban Population =   2492442.0 ;  Urban Roughness Length =  1.000 m
     * Urban Roughness Length of 1.0 Meter Used.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * CCVR_Sub - Meteorological data includes CCVR substitutions
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Assumes No FLAGPOLE Receptor Heights.
     * The User Specified a Pollutant Type of: DPM

**Model Calculates PERIOD Averages Only

**This Run Includes:    446 Source(s);       1 Source Group(s); and     766 Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:    446 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


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

**The AERMET Input Meteorological Data Version Date:  22112

**Output Options Selected:
```

```
         Model Outputs Tables of PERIOD 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) =   442.00 ;  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.

**Input Runstream File:          aermod.inp
**Output Print File:             aermod.out

**Detailed Error/Message File:   ProjAB3.err
**File for Summary of Results:   ProjAB3.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001436	0	0.99500E-07	478282.1	3746515.1	448.4	3.49	4.00	3.25	YES		NO
L0001437	0	0.99500E-07	478282.2	3746506.5	448.4	3.49	4.00	3.25	YES		NO
L0001438	0	0.99500E-07	478282.2	3746497.9	448.3	3.49	4.00	3.25	YES		NO
L0001439	0	0.99500E-07	478282.3	3746489.3	448.3	3.49	4.00	3.25	YES		NO
L0001440	0	0.99500E-07	478282.4	3746480.8	448.2	3.49	4.00	3.25	YES		NO
L0001441	0	0.99500E-07	478282.4	3746472.2	448.1	3.49	4.00	3.25	YES		NO
L0001442	0	0.99500E-07	478282.5	3746463.6	448.0	3.49	4.00	3.25	YES		NO
L0001443	0	0.99500E-07	478282.5	3746455.0	447.9	3.49	4.00	3.25	YES		NO
L0001444	0	0.99500E-07	478282.6	3746446.4	447.9	3.49	4.00	3.25	YES		NO
L0001445	0	0.99500E-07	478282.7	3746437.8	447.8	3.49	4.00	3.25	YES		NO
L0001446	0	0.99500E-07	478282.7	3746429.2	447.7	3.49	4.00	3.25	YES		NO
L0001447	0	0.99500E-07	478282.8	3746420.6	447.6	3.49	4.00	3.25	YES		NO
L0001448	0	0.99500E-07	478282.8	3746412.0	447.5	3.49	4.00	3.25	YES		NO
L0001449	0	0.99500E-07	478282.9	3746403.5	447.4	3.49	4.00	3.25	YES		NO
L0001450	0	0.99500E-07	478282.9	3746394.9	447.3	3.49	4.00	3.25	YES		NO
L0001451	0	0.99500E-07	478283.0	3746386.3	447.2	3.49	4.00	3.25	YES		NO
L0001452	0	0.99500E-07	478283.1	3746377.7	447.1	3.49	4.00	3.25	YES		NO
L0001453	0	0.99500E-07	478283.1	3746369.1	447.0	3.49	4.00	3.25	YES		NO
L0001454	0	0.64120E-07	478277.1	3746366.6	447.0	3.49	4.00	3.25	YES		NO
L0001455	0	0.64120E-07	478268.6	3746366.6	447.0	3.49	4.00	3.25	YES		NO
L0001456	0	0.64120E-07	478260.0	3746366.6	447.0	3.49	4.00	3.25	YES		NO
L0001457	0	0.64120E-07	478251.4	3746366.5	447.0	3.49	4.00	3.25	YES		NO
L0001458	0	0.64120E-07	478242.8	3746366.5	447.1	3.49	4.00	3.25	YES		NO
L0001459	0	0.64120E-07	478234.2	3746366.5	447.1	3.49	4.00	3.25	YES		NO
L0001460	0	0.64120E-07	478225.6	3746366.5	447.2	3.49	4.00	3.25	YES		NO
L0001461	0	0.64120E-07	478217.0	3746366.5	447.2	3.49	4.00	3.25	YES		NO
L0001462	0	0.64120E-07	478208.4	3746366.4	447.2	3.49	4.00	3.25	YES		NO
L0001463	0	0.64120E-07	478199.8	3746366.4	447.2	3.49	4.00	3.25	YES		NO
L0001464	0	0.64120E-07	478191.2	3746366.4	447.2	3.49	4.00	3.25	YES		NO
L0001465	0	0.64120E-07	478182.7	3746366.4	447.3	3.49	4.00	3.25	YES		NO
L0001466	0	0.64120E-07	478174.1	3746366.4	447.3	3.49	4.00	3.25	YES		NO
L0001467	0	0.64120E-07	478165.5	3746366.3	447.3	3.49	4.00	3.25	YES		NO
L0001468	0	0.64120E-07	478156.9	3746366.3	447.3	3.49	4.00	3.25	YES		NO
L0001469	0	0.64120E-07	478148.3	3746366.3	447.4	3.49	4.00	3.25	YES		NO
L0001470	0	0.64120E-07	478139.7	3746366.3	447.4	3.49	4.00	3.25	YES		NO
L0001471	0	0.64120E-07	478131.1	3746366.3	447.4	3.49	4.00	3.25	YES		NO
L0001472	0	0.64120E-07	478122.5	3746366.2	447.4	3.49	4.00	3.25	YES		NO
L0001473	0	0.64120E-07	478113.9	3746366.2	447.4	3.49	4.00	3.25	YES		NO
L0001474	0	0.64120E-07	478105.3	3746366.2	447.4	3.49	4.00	3.25	YES		NO
L0001475	0	0.64120E-07	478096.8	3746366.2	447.5	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001476	0	0.64120E-07	478088.2	3746366.2	447.5	3.49	4.00	3.25	YES		NO
L0001477	0	0.64120E-07	478079.6	3746366.1	447.5	3.49	4.00	3.25	YES		NO
L0001478	0	0.64120E-07	478071.0	3746366.1	447.5	3.49	4.00	3.25	YES		NO
L0001479	0	0.64120E-07	478062.4	3746366.1	447.5	3.49	4.00	3.25	YES		NO
L0001480	0	0.64120E-07	478053.8	3746366.1	447.5	3.49	4.00	3.25	YES		NO
L0001481	0	0.64120E-07	478045.2	3746366.1	447.5	3.49	4.00	3.25	YES		NO
L0001482	0	0.64120E-07	478036.6	3746366.0	447.5	3.49	4.00	3.25	YES		NO
L0001483	0	0.64120E-07	478028.0	3746366.0	447.5	3.49	4.00	3.25	YES		NO
L0001484	0	0.64120E-07	478019.4	3746366.0	447.5	3.49	4.00	3.25	YES		NO
L0001485	0	0.64120E-07	478010.9	3746366.0	447.5	3.49	4.00	3.25	YES		NO
L0001486	0	0.64120E-07	478002.3	3746365.9	447.6	3.49	4.00	3.25	YES		NO
L0001487	0	0.64120E-07	477993.7	3746365.9	447.6	3.49	4.00	3.25	YES		NO
L0001488	0	0.64120E-07	477985.1	3746365.9	447.6	3.49	4.00	3.25	YES		NO
L0001489	0	0.64120E-07	477976.5	3746365.9	447.7	3.49	4.00	3.25	YES		NO
L0001490	0	0.64120E-07	477967.9	3746365.9	447.7	3.49	4.00	3.25	YES		NO
L0001491	0	0.64120E-07	477959.3	3746365.8	447.8	3.49	4.00	3.25	YES		NO
L0001492	0	0.64120E-07	477950.7	3746365.8	447.8	3.49	4.00	3.25	YES		NO
L0001493	0	0.64120E-07	477942.1	3746365.8	447.8	3.49	4.00	3.25	YES		NO
L0001494	0	0.64120E-07	477933.5	3746365.8	447.8	3.49	4.00	3.25	YES		NO
L0001495	0	0.64120E-07	477925.0	3746365.8	447.9	3.49	4.00	3.25	YES		NO
L0001496	0	0.64120E-07	477916.4	3746365.7	447.9	3.49	4.00	3.25	YES		NO
L0001497	0	0.64120E-07	477907.8	3746365.7	447.9	3.49	4.00	3.25	YES		NO
L0001498	0	0.64120E-07	477899.2	3746365.7	447.9	3.49	4.00	3.25	YES		NO
L0001499	0	0.64120E-07	477890.6	3746365.7	447.9	3.49	4.00	3.25	YES		NO
L0001500	0	0.64120E-07	477882.0	3746365.7	447.9	3.49	4.00	3.25	YES		NO
L0001501	0	0.64120E-07	477873.4	3746365.6	447.9	3.49	4.00	3.25	YES		NO
L0001502	0	0.64120E-07	477864.8	3746365.6	447.8	3.49	4.00	3.25	YES		NO
L0001503	0	0.64120E-07	477856.2	3746365.6	447.8	3.49	4.00	3.25	YES		NO
L0001504	0	0.64120E-07	477847.6	3746365.6	447.8	3.49	4.00	3.25	YES		NO
L0001505	0	0.64120E-07	477839.1	3746365.6	447.8	3.49	4.00	3.25	YES		NO
L0001506	0	0.64120E-07	477830.5	3746365.5	447.9	3.49	4.00	3.25	YES		NO
L0001507	0	0.64120E-07	477821.9	3746365.5	447.9	3.49	4.00	3.25	YES		NO
L0001508	0	0.64120E-07	477813.3	3746365.5	447.9	3.49	4.00	3.25	YES		NO
L0001509	0	0.64120E-07	477804.7	3746365.5	447.9	3.49	4.00	3.25	YES		NO
L0001510	0	0.64120E-07	477796.1	3746365.5	447.9	3.49	4.00	3.25	YES		NO
L0001511	0	0.64120E-07	477787.5	3746365.4	447.9	3.49	4.00	3.25	YES		NO
L0001512	0	0.64120E-07	477778.9	3746365.4	448.0	3.49	4.00	3.25	YES		NO
L0001513	0	0.64120E-07	477770.3	3746365.4	448.0	3.49	4.00	3.25	YES		NO
L0001514	0	0.64120E-07	477761.7	3746365.4	448.0	3.49	4.00	3.25	YES		NO
L0001515	0	0.64120E-07	477753.2	3746365.4	448.0	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001516	0	0.64120E-07	477744.6	3746365.3	448.1	3.49	4.00	3.25	YES		NO
L0001517	0	0.64120E-07	477736.0	3746365.3	448.1	3.49	4.00	3.25	YES		NO
L0001518	0	0.64120E-07	477727.4	3746365.3	448.1	3.49	4.00	3.25	YES		NO
L0001519	0	0.64120E-07	477718.8	3746365.3	448.1	3.49	4.00	3.25	YES		NO
L0001520	0	0.64120E-07	477710.2	3746365.3	448.1	3.49	4.00	3.25	YES		NO
L0001521	0	0.64120E-07	477701.6	3746365.2	448.2	3.49	4.00	3.25	YES		NO
L0001522	0	0.64120E-07	477693.0	3746365.2	448.2	3.49	4.00	3.25	YES		NO
L0001523	0	0.64120E-07	477684.4	3746365.2	448.2	3.49	4.00	3.25	YES		NO
L0001524	0	0.64120E-07	477675.8	3746365.2	448.3	3.49	4.00	3.25	YES		NO
L0001525	0	0.64120E-07	477667.3	3746365.2	448.3	3.49	4.00	3.25	YES		NO
L0001526	0	0.64120E-07	477658.7	3746365.1	448.3	3.49	4.00	3.25	YES		NO
L0001527	0	0.64120E-07	477650.1	3746365.1	448.4	3.49	4.00	3.25	YES		NO
L0001528	0	0.64120E-07	477641.5	3746365.1	448.4	3.49	4.00	3.25	YES		NO
L0001529	0	0.64120E-07	477632.9	3746365.1	448.4	3.49	4.00	3.25	YES		NO
L0001530	0	0.64120E-07	477624.3	3746365.1	448.4	3.49	4.00	3.25	YES		NO
L0001531	0	0.64120E-07	477615.7	3746365.0	448.5	3.49	4.00	3.25	YES		NO
L0001532	0	0.64120E-07	477607.1	3746365.0	448.5	3.49	4.00	3.25	YES		NO
L0001533	0	0.64120E-07	477598.5	3746365.0	448.6	3.49	4.00	3.25	YES		NO
L0001534	0	0.64120E-07	477590.0	3746365.0	448.6	3.49	4.00	3.25	YES		NO
L0001535	0	0.64120E-07	477581.4	3746365.1	448.7	3.49	4.00	3.25	YES		NO
L0001536	0	0.64120E-07	477572.8	3746365.2	448.7	3.49	4.00	3.25	YES		NO
L0001537	0	0.64120E-07	477564.2	3746365.4	448.8	3.49	4.00	3.25	YES		NO
L0001538	0	0.64120E-07	477555.6	3746365.5	448.8	3.49	4.00	3.25	YES		NO
L0001539	0	0.64120E-07	477547.0	3746365.6	448.9	3.49	4.00	3.25	YES		NO
L0001540	0	0.64120E-07	477538.7	3746363.4	448.9	3.49	4.00	3.25	YES		NO
L0001541	0	0.64120E-07	477530.2	3746362.5	449.0	3.49	4.00	3.25	YES		NO
L0001542	0	0.64120E-07	477521.8	3746360.9	449.0	3.49	4.00	3.25	YES		NO
L0001543	0	0.64120E-07	477513.3	3746360.0	449.1	3.49	4.00	3.25	YES		NO
L0001544	0	0.64120E-07	477504.9	3746361.9	449.1	3.49	4.00	3.25	YES		NO
L0001545	0	0.64120E-07	477496.6	3746364.2	449.2	3.49	4.00	3.25	YES		NO
L0001546	0	0.64120E-07	477488.9	3746367.7	449.3	3.49	4.00	3.25	YES		NO
L0001547	0	0.64120E-07	477482.2	3746373.0	449.3	3.49	4.00	3.25	YES		NO
L0001548	0	0.64120E-07	477476.5	3746379.3	449.4	3.49	4.00	3.25	YES		NO
L0001549	0	0.64120E-07	477471.5	3746386.2	449.5	3.49	4.00	3.25	YES		NO
L0001550	0	0.64120E-07	477464.7	3746391.1	449.5	3.49	4.00	3.25	YES		NO
L0001551	0	0.64120E-07	477456.6	3746394.0	449.6	3.49	4.00	3.25	YES		NO
L0001552	0	0.64120E-07	477448.2	3746395.2	449.7	3.49	4.00	3.25	YES		NO
L0001553	0	0.64120E-07	477439.6	3746395.6	449.8	3.49	4.00	3.25	YES		NO
L0001554	0	0.64120E-07	477431.0	3746396.1	449.8	3.49	4.00	3.25	YES		NO
L0001555	0	0.64120E-07	477422.4	3746396.6	449.9	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001556	0	0.64120E-07	477413.9	3746397.1	449.9	3.49	4.00	3.25	YES		NO
L0001557	0	0.64120E-07	477405.3	3746397.6	449.9	3.49	4.00	3.25	YES		NO
L0001558	0	0.64120E-07	477396.8	3746398.6	449.9	3.49	4.00	3.25	YES		NO
L0001559	0	0.64120E-07	477388.2	3746399.6	449.9	3.49	4.00	3.25	YES		NO
L0001560	0	0.64120E-07	477379.7	3746400.6	449.9	3.49	4.00	3.25	YES		NO
L0001561	0	0.64120E-07	477371.8	3746403.4	449.9	3.49	4.00	3.25	YES		NO
L0001562	0	0.64120E-07	477364.5	3746407.9	449.9	3.49	4.00	3.25	YES		NO
L0001563	0	0.64120E-07	477357.2	3746412.4	450.0	3.49	4.00	3.25	YES		NO
L0001564	0	0.64120E-07	477349.8	3746416.9	450.0	3.49	4.00	3.25	YES		NO
L0001565	0	0.64120E-07	477342.5	3746421.4	450.1	3.49	4.00	3.25	YES		NO
L0001566	0	0.64120E-07	477335.2	3746425.9	450.1	3.49	4.00	3.25	YES		NO
L0001567	0	0.64120E-07	477327.9	3746430.4	450.1	3.49	4.00	3.25	YES		NO
L0001568	0	0.64120E-07	477321.6	3746436.1	450.2	3.49	4.00	3.25	YES		NO
L0001569	0	0.64120E-07	477314.8	3746441.4	450.2	3.49	4.00	3.25	YES		NO
L0001570	0	0.64120E-07	477308.1	3746446.6	450.2	3.49	4.00	3.25	YES		NO
L0001571	0	0.64120E-07	477301.3	3746451.9	450.3	3.49	4.00	3.25	YES		NO
L0001572	0	0.64120E-07	477294.5	3746457.2	450.3	3.49	4.00	3.25	YES		NO
L0001573	0	0.64120E-07	477287.7	3746462.5	450.3	3.49	4.00	3.25	YES		NO
L0001574	0	0.64120E-07	477281.1	3746467.9	450.4	3.49	4.00	3.25	YES		NO
L0001575	0	0.64120E-07	477275.5	3746474.4	450.4	3.49	4.00	3.25	YES		NO
L0001576	0	0.64120E-07	477268.5	3746479.4	450.5	3.49	4.00	3.25	YES		NO
L0001577	0	0.64120E-07	477261.5	3746484.4	450.5	3.49	4.00	3.25	YES		NO
L0001578	0	0.64120E-07	477254.6	3746489.5	450.5	3.49	4.00	3.25	YES		NO
L0001579	0	0.64120E-07	477247.5	3746494.2	450.6	3.49	4.00	3.25	YES		NO
L0001580	0	0.64120E-07	477240.1	3746498.6	450.6	3.49	4.00	3.25	YES		NO
L0001581	0	0.64120E-07	477232.7	3746503.0	450.7	3.49	4.00	3.25	YES		NO
L0001582	0	0.64120E-07	477225.3	3746507.3	450.7	3.49	4.00	3.25	YES		NO
L0001583	0	0.64120E-07	477217.9	3746511.7	450.8	3.49	4.00	3.25	YES		NO
L0001584	0	0.64120E-07	477210.5	3746516.1	450.9	3.49	4.00	3.25	YES		NO
L0001585	0	0.64120E-07	477203.1	3746520.4	450.9	3.49	4.00	3.25	YES		NO
L0001586	0	0.64120E-07	477195.7	3746524.8	451.0	3.49	4.00	3.25	YES		NO
L0001587	0	0.64120E-07	477188.2	3746528.9	451.0	3.49	4.00	3.25	YES		NO
L0001588	0	0.64120E-07	477180.1	3746531.9	451.1	3.49	4.00	3.25	YES		NO
L0001589	0	0.64120E-07	477172.1	3746535.0	451.2	3.49	4.00	3.25	YES		NO
L0001590	0	0.64120E-07	477164.0	3746538.0	451.2	3.49	4.00	3.25	YES		NO
L0001591	0	0.64120E-07	477156.0	3746541.0	451.3	3.49	4.00	3.25	YES		NO
L0001592	0	0.64120E-07	477147.9	3746544.0	451.4	3.49	4.00	3.25	YES		NO
L0001593	0	0.64120E-07	477139.8	3746546.6	451.5	3.49	4.00	3.25	YES		NO
L0001594	0	0.64120E-07	477131.3	3746548.1	451.5	3.49	4.00	3.25	YES		NO
L0001595	0	0.64120E-07	477122.8	3746549.5	451.6	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001596	0	0.64120E-07	477114.4	3746551.0	451.7	3.49	4.00	3.25	YES		NO
L0001597	0	0.64120E-07	477105.9	3746552.4	451.7	3.49	4.00	3.25	YES		NO
L0001598	0	0.64120E-07	477097.4	3746553.9	451.8	3.49	4.00	3.25	YES		NO
L0001599	0	0.64120E-07	477089.0	3746555.3	451.9	3.49	4.00	3.25	YES		NO
L0001600	0	0.64120E-07	477080.5	3746556.8	451.9	3.49	4.00	3.25	YES		NO
L0001601	0	0.64120E-07	477072.0	3746558.2	452.0	3.49	4.00	3.25	YES		NO
L0001602	0	0.64120E-07	477063.6	3746559.6	452.1	3.49	4.00	3.25	YES		NO
L0001603	0	0.64120E-07	477055.2	3746557.6	452.2	3.49	4.00	3.25	YES		NO
L0001604	0	0.64120E-07	477046.9	3746555.7	452.2	3.49	4.00	3.25	YES		NO
L0001605	0	0.64120E-07	477038.5	3746553.7	452.3	3.49	4.00	3.25	YES		NO
L0001606	0	0.64120E-07	477030.1	3746552.1	452.4	3.49	4.00	3.25	YES		NO
L0001607	0	0.64120E-07	477021.5	3746552.0	452.5	3.49	4.00	3.25	YES		NO
L0001608	0	0.64120E-07	477012.9	3746551.9	452.6	3.49	4.00	3.25	YES		NO
L0001609	0	0.64120E-07	477004.3	3746551.8	452.6	3.49	4.00	3.25	YES		NO
L0001610	0	0.64120E-07	476995.7	3746551.7	452.7	3.49	4.00	3.25	YES		NO
L0001611	0	0.64120E-07	476987.1	3746551.6	452.8	3.49	4.00	3.25	YES		NO
L0001612	0	0.64120E-07	476978.5	3746551.6	452.9	3.49	4.00	3.25	YES		NO
L0001613	0	0.64120E-07	476970.0	3746551.5	453.0	3.49	4.00	3.25	YES		NO
L0001614	0	0.64120E-07	476961.4	3746551.4	453.0	3.49	4.00	3.25	YES		NO
L0001615	0	0.64120E-07	476952.8	3746551.3	453.1	3.49	4.00	3.25	YES		NO
L0001616	0	0.64120E-07	476944.2	3746551.2	453.2	3.49	4.00	3.25	YES		NO
L0001617	0	0.64120E-07	476935.6	3746551.1	453.3	3.49	4.00	3.25	YES		NO
L0001618	0	0.64120E-07	476927.0	3746551.0	453.3	3.49	4.00	3.25	YES		NO
L0001619	0	0.64120E-07	476918.4	3746550.9	453.4	3.49	4.00	3.25	YES		NO
L0001620	0	0.64120E-07	476909.8	3746550.8	453.5	3.49	4.00	3.25	YES		NO
L0001621	0	0.64120E-07	476901.2	3746550.7	453.6	3.49	4.00	3.25	YES		NO
L0001622	0	0.64120E-07	476892.7	3746550.6	453.6	3.49	4.00	3.25	YES		NO
L0001623	0	0.64120E-07	476884.1	3746550.5	453.7	3.49	4.00	3.25	YES		NO
L0001624	0	0.64120E-07	476875.5	3746550.4	453.8	3.49	4.00	3.25	YES		NO
L0001625	0	0.64120E-07	476866.9	3746550.3	453.9	3.49	4.00	3.25	YES		NO
L0001626	0	0.64120E-07	476858.3	3746550.2	454.0	3.49	4.00	3.25	YES		NO
L0001627	0	0.64120E-07	476849.7	3746550.1	454.1	3.49	4.00	3.25	YES		NO
L0001628	0	0.64120E-07	476841.1	3746550.0	454.2	3.49	4.00	3.25	YES		NO
L0001629	0	0.64120E-07	476832.5	3746549.9	454.2	3.49	4.00	3.25	YES		NO
L0001630	0	0.64120E-07	476823.9	3746549.8	454.3	3.49	4.00	3.25	YES		NO
L0001631	0	0.64120E-07	476815.3	3746549.7	454.4	3.49	4.00	3.25	YES		NO
L0001632	0	0.64120E-07	476806.8	3746549.6	454.5	3.49	4.00	3.25	YES		NO
L0001633	0	0.64120E-07	476798.2	3746549.6	454.6	3.49	4.00	3.25	YES		NO
L0001634	0	0.64120E-07	476789.6	3746549.5	454.6	3.49	4.00	3.25	YES		NO
L0001635	0	0.64120E-07	476781.0	3746549.4	454.7	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001636	0	0.64120E-07	476772.4	3746549.3	454.8	3.49	4.00	3.25	YES		NO
L0001637	0	0.64120E-07	476763.8	3746549.2	454.9	3.49	4.00	3.25	YES		NO
L0001638	0	0.64120E-07	476755.2	3746549.1	454.9	3.49	4.00	3.25	YES		NO
L0001639	0	0.64120E-07	476746.6	3746549.0	455.0	3.49	4.00	3.25	YES		NO
L0001640	0	0.64120E-07	476738.0	3746548.9	455.1	3.49	4.00	3.25	YES		NO
L0001641	0	0.64120E-07	476729.5	3746548.8	455.2	3.49	4.00	3.25	YES		NO
L0001642	0	0.64120E-07	476720.9	3746548.7	455.2	3.49	4.00	3.25	YES		NO
L0001643	0	0.64120E-07	476712.3	3746548.6	455.3	3.49	4.00	3.25	YES		NO
L0001644	0	0.64120E-07	476703.7	3746548.5	455.4	3.49	4.00	3.25	YES		NO
L0001645	0	0.64120E-07	476695.1	3746548.4	455.5	3.49	4.00	3.25	YES		NO
L0001646	0	0.64120E-07	476686.5	3746548.9	455.6	3.49	4.00	3.25	YES		NO
L0001647	0	0.64120E-07	476678.0	3746549.9	455.6	3.49	4.00	3.25	YES		NO
L0001648	0	0.64120E-07	476669.5	3746550.9	455.7	3.49	4.00	3.25	YES		NO
L0001649	0	0.64120E-07	476660.9	3746551.9	455.8	3.49	4.00	3.25	YES		NO
L0001650	0	0.64120E-07	476652.4	3746552.9	455.8	3.49	4.00	3.25	YES		NO
L0001651	0	0.64120E-07	476643.9	3746553.9	455.8	3.49	4.00	3.25	YES		NO
L0001652	0	0.64120E-07	476635.4	3746555.0	455.9	3.49	4.00	3.25	YES		NO
L0001653	0	0.64120E-07	476627.2	3746557.4	456.0	3.49	4.00	3.25	YES		NO
L0001654	0	0.64120E-07	476619.1	3746560.4	456.1	3.49	4.00	3.25	YES		NO
L0001655	0	0.64120E-07	476611.1	3746563.4	456.2	3.49	4.00	3.25	YES		NO
L0001656	0	0.64120E-07	476603.0	3746566.4	456.3	3.49	4.00	3.25	YES		NO
L0001657	0	0.64120E-07	476595.0	3746569.4	456.4	3.49	4.00	3.25	YES		NO
L0001658	0	0.64120E-07	476586.9	3746572.3	456.4	3.49	4.00	3.25	YES		NO
L0001659	0	0.64120E-07	476578.8	3746575.3	456.4	3.49	4.00	3.25	YES		NO
L0001660	0	0.64120E-07	476570.8	3746578.3	456.5	3.49	4.00	3.25	YES		NO
L0001661	0	0.64120E-07	476564.1	3746583.4	456.5	3.49	4.00	3.25	YES		NO
L0001662	0	0.64120E-07	476558.0	3746589.5	456.6	3.49	4.00	3.25	YES		NO
L0001663	0	0.64120E-07	476551.9	3746595.6	456.7	3.49	4.00	3.25	YES		NO
L0001664	0	0.64120E-07	476545.9	3746601.6	456.7	3.49	4.00	3.25	YES		NO
L0001665	0	0.64120E-07	476539.8	3746607.7	456.8	3.49	4.00	3.25	YES		NO
L0001666	0	0.64120E-07	476533.7	3746613.8	456.8	3.49	4.00	3.25	YES		NO
L0001667	0	0.64120E-07	476527.7	3746619.9	456.8	3.49	4.00	3.25	YES		NO
L0001668	0	0.64120E-07	476523.8	3746627.2	456.9	3.49	4.00	3.25	YES		NO
L0001669	0	0.64120E-07	476521.5	3746635.5	457.0	3.49	4.00	3.25	YES		NO
L0001670	0	0.64120E-07	476519.3	3746643.8	457.0	3.49	4.00	3.25	YES		NO
L0001671	0	0.64120E-07	476515.8	3746651.6	457.0	3.49	4.00	3.25	YES		NO
L0001672	0	0.64120E-07	476512.0	3746659.3	457.1	3.49	4.00	3.25	YES		NO
L0001673	0	0.64120E-07	476508.2	3746667.0	457.1	3.49	4.00	3.25	YES		NO
L0001674	0	0.64120E-07	476504.4	3746674.7	457.2	3.49	4.00	3.25	YES		NO
L0001675	0	0.64120E-07	476500.6	3746682.4	457.2	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001676	0	0.64120E-07	476497.7	3746690.5	457.3	3.49	4.00	3.25	YES		NO
L0001677	0	0.64120E-07	476495.0	3746698.7	457.3	3.49	4.00	3.25	YES		NO
L0001678	0	0.64120E-07	476492.3	3746706.8	457.4	3.49	4.00	3.25	YES		NO
L0001679	0	0.64120E-07	476489.6	3746715.0	457.4	3.49	4.00	3.25	YES		NO
L0001680	0	0.64120E-07	476486.9	3746723.1	457.5	3.49	4.00	3.25	YES		NO
L0001681	0	0.64120E-07	476484.2	3746731.3	457.6	3.49	4.00	3.25	YES		NO
L0001682	0	0.64120E-07	476481.5	3746739.4	457.7	3.49	4.00	3.25	YES		NO
L0001683	0	0.64120E-07	476478.8	3746747.6	457.7	3.49	4.00	3.25	YES		NO
L0001684	0	0.64120E-07	476476.1	3746755.7	457.7	3.49	4.00	3.25	YES		NO
L0001685	0	0.64120E-07	476473.8	3746764.0	457.7	3.49	4.00	3.25	YES		NO
L0001686	0	0.64120E-07	476471.6	3746772.3	457.7	3.49	4.00	3.25	YES		NO
L0001687	0	0.64120E-07	476469.5	3746780.6	457.7	3.49	4.00	3.25	YES		NO
L0001688	0	0.64120E-07	476467.3	3746789.0	457.7	3.49	4.00	3.25	YES		NO
L0001689	0	0.64120E-07	476465.2	3746797.3	457.7	3.49	4.00	3.25	YES		NO
L0001690	0	0.64120E-07	476463.0	3746805.6	457.7	3.49	4.00	3.25	YES		NO
L0001691	0	0.64120E-07	476460.9	3746813.9	457.7	3.49	4.00	3.25	YES		NO
L0001692	0	0.64120E-07	476458.8	3746822.2	457.8	3.49	4.00	3.25	YES		NO
L0001693	0	0.64120E-07	476456.6	3746830.6	457.8	3.49	4.00	3.25	YES		NO
L0001694	0	0.64120E-07	476454.0	3746838.7	457.8	3.49	4.00	3.25	YES		NO
L0001695	0	0.64120E-07	476449.4	3746845.9	457.7	3.49	4.00	3.25	YES		NO
L0001696	0	0.64120E-07	476444.7	3746853.1	457.7	3.49	4.00	3.25	YES		NO
L0001697	0	0.64120E-07	476440.1	3746860.3	457.8	3.49	4.00	3.25	YES		NO
L0001698	0	0.64120E-07	476435.4	3746867.6	457.8	3.49	4.00	3.25	YES		NO
L0001699	0	0.64120E-07	476430.7	3746874.8	457.8	3.49	4.00	3.25	YES		NO
L0001700	0	0.64120E-07	476426.1	3746882.0	457.8	3.49	4.00	3.25	YES		NO
L0001701	0	0.64120E-07	476420.5	3746888.4	457.8	3.49	4.00	3.25	YES		NO
L0001702	0	0.64120E-07	476414.1	3746894.2	457.9	3.49	4.00	3.25	YES		NO
L0001703	0	0.64120E-07	476407.8	3746899.9	458.0	3.49	4.00	3.25	YES		NO
L0001704	0	0.64120E-07	476401.4	3746905.7	458.0	3.49	4.00	3.25	YES		NO
L0001705	0	0.64120E-07	476395.0	3746911.4	458.0	3.49	4.00	3.25	YES		NO
L0001706	0	0.64120E-07	476388.6	3746917.2	458.0	3.49	4.00	3.25	YES		NO
L0001707	0	0.64120E-07	476382.2	3746922.9	458.1	3.49	4.00	3.25	YES		NO
L0001708	0	0.64120E-07	476375.1	3746927.7	458.2	3.49	4.00	3.25	YES		NO
L0001709	0	0.64120E-07	476367.4	3746931.5	458.3	3.49	4.00	3.25	YES		NO
L0001710	0	0.64120E-07	476359.6	3746935.2	458.3	3.49	4.00	3.25	YES		NO
L0001711	0	0.64120E-07	476351.9	3746939.0	458.3	3.49	4.00	3.25	YES		NO
L0001712	0	0.64120E-07	476344.2	3746942.7	458.3	3.49	4.00	3.25	YES		NO
L0001713	0	0.64120E-07	476336.5	3746946.5	458.3	3.49	4.00	3.25	YES		NO
L0001714	0	0.64120E-07	476328.5	3746949.5	458.4	3.49	4.00	3.25	YES		NO
L0001715	0	0.64120E-07	476320.0	3746950.9	458.4	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001716	0	0.64120E-07	476311.5	3746952.3	458.5	3.49	4.00	3.25	YES		NO
L0001717	0	0.64120E-07	476303.1	3746953.7	458.5	3.49	4.00	3.25	YES		NO
L0001718	0	0.64120E-07	476294.6	3746955.0	458.6	3.49	4.00	3.25	YES		NO
L0001719	0	0.64120E-07	476286.1	3746956.4	458.6	3.49	4.00	3.25	YES		NO
L0001720	0	0.64120E-07	476277.6	3746957.8	458.7	3.49	4.00	3.25	YES		NO
L0001721	0	0.64120E-07	476269.1	3746959.2	458.8	3.49	4.00	3.25	YES		NO
L0001722	0	0.64120E-07	476260.7	3746957.7	459.0	3.49	4.00	3.25	YES		NO
L0001723	0	0.64120E-07	476252.3	3746955.9	459.2	3.49	4.00	3.25	YES		NO
L0001724	0	0.64120E-07	476243.9	3746954.1	459.4	3.49	4.00	3.25	YES		NO
L0001725	0	0.64120E-07	476235.5	3746952.8	459.5	3.49	4.00	3.25	YES		NO
L0001726	0	0.64120E-07	476226.9	3746951.9	459.7	3.49	4.00	3.25	YES		NO
L0001727	0	0.64120E-07	476218.4	3746951.1	459.9	3.49	4.00	3.25	YES		NO
L0001728	0	0.64120E-07	476209.8	3746950.9	460.0	3.49	4.00	3.25	YES		NO
L0001729	0	0.64120E-07	476201.2	3746950.8	460.2	3.49	4.00	3.25	YES		NO
L0001730	0	0.64120E-07	476192.6	3746950.7	460.3	3.49	4.00	3.25	YES		NO
L0001731	0	0.64120E-07	476184.0	3746950.6	460.6	3.49	4.00	3.25	YES		NO
L0001732	0	0.64120E-07	476175.4	3746950.5	460.9	3.49	4.00	3.25	YES		NO
L0001733	0	0.64120E-07	476166.8	3746950.4	461.2	3.49	4.00	3.25	YES		NO
L0001734	0	0.64120E-07	476158.2	3746950.3	461.6	3.49	4.00	3.25	YES		NO
L0001735	0	0.64120E-07	476149.6	3746950.2	462.0	3.49	4.00	3.25	YES		NO
L0001736	0	0.64120E-07	476141.1	3746950.1	462.3	3.49	4.00	3.25	YES		NO
L0001737	0	0.64120E-07	476132.5	3746950.0	462.7	3.49	4.00	3.25	YES		NO
L0001738	0	0.64120E-07	476123.9	3746949.9	463.1	3.49	4.00	3.25	YES		NO
L0001739	0	0.64120E-07	476115.3	3746949.8	463.5	3.49	4.00	3.25	YES		NO
L0001740	0	0.64120E-07	476106.7	3746949.7	464.0	3.49	4.00	3.25	YES		NO
L0001741	0	0.64120E-07	476098.1	3746949.6	464.4	3.49	4.00	3.25	YES		NO
L0001742	0	0.64120E-07	476089.5	3746949.5	464.8	3.49	4.00	3.25	YES		NO
L0001743	0	0.64120E-07	476080.9	3746949.3	465.2	3.49	4.00	3.25	YES		NO
L0001744	0	0.64120E-07	476072.3	3746949.2	465.6	3.49	4.00	3.25	YES		NO
L0001745	0	0.64120E-07	476063.8	3746949.1	466.1	3.49	4.00	3.25	YES		NO
L0001746	0	0.64120E-07	476055.2	3746949.0	466.8	3.49	4.00	3.25	YES		NO
L0001747	0	0.64120E-07	476046.6	3746948.9	467.4	3.49	4.00	3.25	YES		NO
L0001748	0	0.64120E-07	476038.0	3746948.8	467.8	3.49	4.00	3.25	YES		NO
L0001749	0	0.64120E-07	476029.4	3746948.7	467.8	3.49	4.00	3.25	YES		NO
L0001750	0	0.15420E-06	478270.9	3746523.7	448.3	3.49	4.00	3.25	YES		NO
L0001751	0	0.15420E-06	478262.3	3746523.6	447.9	3.49	4.00	3.25	YES		NO
L0001752	0	0.15420E-06	478253.8	3746523.6	447.6	3.49	4.00	3.25	YES		NO
L0001753	0	0.15420E-06	478245.2	3746523.6	447.4	3.49	4.00	3.25	YES		NO
L0001754	0	0.15420E-06	478236.6	3746523.5	447.4	3.49	4.00	3.25	YES		NO
L0001755	0	0.15420E-06	478228.0	3746523.5	447.4	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001756	0	0.15420E-06	478219.4	3746523.6	447.4	3.49	4.00	3.25	YES		NO
L0001757	0	0.15420E-06	478210.8	3746523.7	447.4	3.49	4.00	3.25	YES		NO
L0001758	0	0.15420E-06	478202.2	3746523.8	447.4	3.49	4.00	3.25	YES		NO
L0001759	0	0.15420E-06	478193.6	3746523.9	447.4	3.49	4.00	3.25	YES		NO
L0001760	0	0.15420E-06	478185.0	3746523.8	447.4	3.49	4.00	3.25	YES		NO
L0001761	0	0.15420E-06	478176.4	3746523.8	447.4	3.49	4.00	3.25	YES		NO
L0001762	0	0.15420E-06	478167.9	3746523.7	447.5	3.49	4.00	3.25	YES		NO
L0001763	0	0.15420E-06	478159.3	3746523.6	447.5	3.49	4.00	3.25	YES		NO
L0001764	0	0.15420E-06	478150.7	3746523.5	447.5	3.49	4.00	3.25	YES		NO
L0001765	0	0.15420E-06	478142.1	3746523.4	447.6	3.49	4.00	3.25	YES		NO
L0001766	0	0.15420E-06	478133.5	3746523.4	447.6	3.49	4.00	3.25	YES		NO
L0001767	0	0.15420E-06	478124.9	3746523.3	447.6	3.49	4.00	3.25	YES		NO
L0001768	0	0.15420E-06	478116.3	3746523.2	447.7	3.49	4.00	3.25	YES		NO
L0001769	0	0.15420E-06	478107.7	3746523.2	447.7	3.49	4.00	3.25	YES		NO
L0001770	0	0.15420E-06	478099.1	3746523.2	447.7	3.49	4.00	3.25	YES		NO
L0001771	0	0.15420E-06	478090.6	3746523.2	447.8	3.49	4.00	3.25	YES		NO
L0001772	0	0.15420E-06	478082.0	3746523.2	447.8	3.49	4.00	3.25	YES		NO
L0001773	0	0.15420E-06	478073.4	3746523.2	447.9	3.49	4.00	3.25	YES		NO
L0001774	0	0.15420E-06	478064.8	3746523.2	447.9	3.49	4.00	3.25	YES		NO
L0001775	0	0.15420E-06	478056.2	3746523.2	447.9	3.49	4.00	3.25	YES		NO
L0001776	0	0.15420E-06	478047.6	3746523.2	447.9	3.49	4.00	3.25	YES		NO
L0001777	0	0.15420E-06	478039.0	3746523.2	447.9	3.49	4.00	3.25	YES		NO
L0001778	0	0.15420E-06	478030.4	3746523.2	447.9	3.49	4.00	3.25	YES		NO
L0001779	0	0.15420E-06	478021.8	3746523.2	447.9	3.49	4.00	3.25	YES		NO
L0001780	0	0.15420E-06	478013.2	3746523.3	447.9	3.49	4.00	3.25	YES		NO
L0001781	0	0.15420E-06	478004.7	3746523.3	447.9	3.49	4.00	3.25	YES		NO
L0001782	0	0.15420E-06	477996.1	3746523.3	447.9	3.49	4.00	3.25	YES		NO
L0001783	0	0.15420E-06	477987.5	3746523.3	447.9	3.49	4.00	3.25	YES		NO
L0001784	0	0.15420E-06	477978.9	3746523.3	447.9	3.49	4.00	3.25	YES		NO
L0001785	0	0.15420E-06	477970.3	3746523.3	447.9	3.49	4.00	3.25	YES		NO
L0001786	0	0.15420E-06	477961.7	3746523.3	448.0	3.49	4.00	3.25	YES		NO
L0001787	0	0.15420E-06	477953.1	3746523.3	448.0	3.49	4.00	3.25	YES		NO
L0001788	0	0.15420E-06	477944.5	3746523.3	448.1	3.49	4.00	3.25	YES		NO
L0001789	0	0.15420E-06	477935.9	3746523.3	448.1	3.49	4.00	3.25	YES		NO
L0001790	0	0.15420E-06	477927.3	3746523.3	448.1	3.49	4.00	3.25	YES		NO
L0001791	0	0.15420E-06	477918.8	3746523.3	448.2	3.49	4.00	3.25	YES		NO
L0001792	0	0.15420E-06	477910.2	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0001793	0	0.15420E-06	477901.6	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0001794	0	0.15420E-06	477893.0	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0001795	0	0.15420E-06	477884.4	3746523.4	448.2	3.49	4.00	3.25	YES		NO

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*** VOLUME SOURCE DATA ***

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L0001796	0	0.15420E-06	477875.8	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0001797	0	0.15420E-06	477867.2	3746523.4	448.1	3.49	4.00	3.25	YES		NO
L0001798	0	0.15420E-06	477858.6	3746523.4	448.1	3.49	4.00	3.25	YES		NO
L0001799	0	0.15420E-06	477850.0	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0001800	0	0.15420E-06	477841.4	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0001801	0	0.15420E-06	477832.9	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0001802	0	0.15420E-06	477824.3	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0001803	0	0.15420E-06	477815.7	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0001804	0	0.15420E-06	477807.1	3746523.4	448.2	3.49	4.00	3.25	YES		NO
L0001805	0	0.15420E-06	477798.5	3746523.5	448.2	3.49	4.00	3.25	YES		NO
L0001806	0	0.15420E-06	477789.9	3746523.5	448.2	3.49	4.00	3.25	YES		NO
L0001807	0	0.15420E-06	477781.3	3746523.5	448.2	3.49	4.00	3.25	YES		NO
L0001808	0	0.15420E-06	477772.7	3746523.5	448.3	3.49	4.00	3.25	YES		NO
L0001809	0	0.15420E-06	477764.1	3746523.5	448.3	3.49	4.00	3.25	YES		NO
L0001810	0	0.15420E-06	477755.5	3746523.5	448.3	3.49	4.00	3.25	YES		NO
L0001811	0	0.15420E-06	477747.0	3746523.5	448.3	3.49	4.00	3.25	YES		NO
L0001812	0	0.15420E-06	477739.5	3746521.0	448.4	3.49	4.00	3.25	YES		NO
L0001813	0	0.15420E-06	477733.7	3746514.6	448.4	3.49	4.00	3.25	YES		NO
L0001814	0	0.15420E-06	477728.0	3746508.2	448.4	3.49	4.00	3.25	YES		NO
L0001815	0	0.15420E-06	477722.2	3746501.9	448.4	3.49	4.00	3.25	YES		NO
L0001816	0	0.15420E-06	477716.4	3746495.5	448.4	3.49	4.00	3.25	YES		NO
L0001817	0	0.15420E-06	477713.2	3746488.1	448.3	3.49	4.00	3.25	YES		NO
L0001818	0	0.15420E-06	477713.1	3746479.5	448.3	3.49	4.00	3.25	YES		NO
L0001819	0	0.15420E-06	477713.0	3746470.9	448.3	3.49	4.00	3.25	YES		NO
L0001820	0	0.15420E-06	477712.8	3746462.4	448.3	3.49	4.00	3.25	YES		NO
L0001821	0	0.15420E-06	477712.7	3746453.8	448.2	3.49	4.00	3.25	YES		NO
L0001822	0	0.15420E-06	477712.6	3746445.2	448.2	3.49	4.00	3.25	YES		NO
L0001823	0	0.15420E-06	477712.5	3746436.6	448.2	3.49	4.00	3.25	YES		NO
L0001824	0	0.15420E-06	477712.4	3746428.0	448.2	3.49	4.00	3.25	YES		NO
L0001825	0	0.15420E-06	477712.3	3746419.4	448.2	3.49	4.00	3.25	YES		NO
L0001826	0	0.15420E-06	477712.2	3746410.8	448.2	3.49	4.00	3.25	YES		NO
L0001827	0	0.15420E-06	477712.1	3746402.2	448.1	3.49	4.00	3.25	YES		NO
L0001828	0	0.15420E-06	477712.0	3746393.6	448.1	3.49	4.00	3.25	YES		NO
L0001829	0	0.15420E-06	477711.9	3746385.1	448.1	3.49	4.00	3.25	YES		NO
L0001830	0	0.94940E-06	478184.6	3746503.9	447.6	3.49	4.00	3.25	YES		NO
L0001831	0	0.94940E-06	478176.0	3746503.9	447.6	3.49	4.00	3.25	YES		NO
L0001832	0	0.94940E-06	478167.4	3746503.9	447.7	3.49	4.00	3.25	YES		NO
L0001833	0	0.94940E-06	478158.8	3746503.9	447.7	3.49	4.00	3.25	YES		NO
L0001834	0	0.94940E-06	478150.2	3746503.9	447.7	3.49	4.00	3.25	YES		NO
L0001835	0	0.94940E-06	478141.6	3746503.9	447.7	3.49	4.00	3.25	YES		NO

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L0001836	0	0.94940E-06	478133.0	3746503.9	447.8	3.49	4.00	3.25	YES		NO
L0001837	0	0.94940E-06	478124.4	3746503.9	447.8	3.49	4.00	3.25	YES		NO
L0001838	0	0.94940E-06	478115.8	3746503.9	447.8	3.49	4.00	3.25	YES		NO
L0001839	0	0.94940E-06	478107.2	3746503.9	447.9	3.49	4.00	3.25	YES		NO
L0001840	0	0.94940E-06	478098.7	3746503.9	447.9	3.49	4.00	3.25	YES		NO
L0001841	0	0.94940E-06	478090.1	3746503.9	447.9	3.49	4.00	3.25	YES		NO
L0001842	0	0.94940E-06	478081.5	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001843	0	0.94940E-06	478072.9	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001844	0	0.94940E-06	478064.3	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001845	0	0.94940E-06	478055.7	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001846	0	0.94940E-06	478047.1	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001847	0	0.94940E-06	478038.5	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001848	0	0.94940E-06	478029.9	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001849	0	0.94940E-06	478021.3	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001850	0	0.94940E-06	478012.8	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001851	0	0.94940E-06	478004.2	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001852	0	0.94940E-06	477995.6	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001853	0	0.94940E-06	477987.0	3746503.9	448.0	3.49	4.00	3.25	YES		NO
L0001854	0	0.94940E-06	477978.4	3746503.9	448.1	3.49	4.00	3.25	YES		NO
L0001855	0	0.94940E-06	477969.8	3746503.9	448.1	3.49	4.00	3.25	YES		NO
L0001856	0	0.94940E-06	477961.2	3746503.9	448.1	3.49	4.00	3.25	YES		NO
L0001857	0	0.94940E-06	477952.6	3746503.9	448.2	3.49	4.00	3.25	YES		NO
L0001858	0	0.94940E-06	477944.0	3746503.9	448.2	3.49	4.00	3.25	YES		NO
L0001859	0	0.94940E-06	477935.4	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0001860	0	0.94940E-06	477926.9	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0001861	0	0.94940E-06	477918.3	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0001862	0	0.94940E-06	477909.7	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0001863	0	0.94940E-06	477901.1	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0001864	0	0.94940E-06	477892.5	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0001865	0	0.94940E-06	477883.9	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0001866	0	0.94940E-06	477875.3	3746503.9	448.3	3.49	4.00	3.25	YES		NO
L0001867	0	0.94940E-06	477866.7	3746503.9	448.2	3.49	4.00	3.25	YES		NO
L0001868	0	0.94940E-06	477858.1	3746503.9	448.2	3.49	4.00	3.25	YES		NO
L0001869	0	0.94940E-06	477849.5	3746503.9	448.2	3.49	4.00	3.25	YES		NO
L0001870	0	0.94940E-06	477841.0	3746503.9	448.2	3.49	4.00	3.25	YES		NO
L0001871	0	0.94940E-06	477832.4	3746503.9	448.2	3.49	4.00	3.25	YES		NO
L0001872	0	0.94940E-06	477823.8	3746504.0	448.2	3.49	4.00	3.25	YES		NO
L0001873	0	0.94940E-06	477815.2	3746504.0	448.2	3.49	4.00	3.25	YES		NO
L0001874	0	0.94940E-06	477806.6	3746504.0	448.2	3.49	4.00	3.25	YES		NO
L0001875	0	0.94940E-06	477798.0	3746504.0	448.3	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001876	0	0.94940E-06	477789.4	3746504.0	448.3	3.49	4.00	3.25	YES		NO
L0001877	0	0.94940E-06	477780.8	3746504.0	448.3	3.49	4.00	3.25	YES		NO
L0001878	0	0.94940E-06	477772.2	3746504.0	448.3	3.49	4.00	3.25	YES		NO
L0001879	0	0.94940E-06	477763.6	3746504.0	448.4	3.49	4.00	3.25	YES		NO
L0001880	0	0.94940E-06	477755.1	3746504.0	448.4	3.49	4.00	3.25	YES		NO
L0001881	0	0.94940E-06	477746.5	3746504.0	448.4	3.49	4.00	3.25	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs							
ALL	L0001436 ,	L0001437 ,	L0001438 ,	L0001439 ,	L0001440 ,	L0001441 ,	L0001442 ,	L0001443 ,
	L0001444 ,	L0001445 ,	L0001446 ,	L0001447 ,	L0001448 ,	L0001449 ,	L0001450 ,	L0001451 ,
	L0001452 ,	L0001453 ,	L0001454 ,	L0001455 ,	L0001456 ,	L0001457 ,	L0001458 ,	L0001459 ,
	L0001460 ,	L0001461 ,	L0001462 ,	L0001463 ,	L0001464 ,	L0001465 ,	L0001466 ,	L0001467 ,
	L0001468 ,	L0001469 ,	L0001470 ,	L0001471 ,	L0001472 ,	L0001473 ,	L0001474 ,	L0001475 ,
	L0001476 ,	L0001477 ,	L0001478 ,	L0001479 ,	L0001480 ,	L0001481 ,	L0001482 ,	L0001483 ,
	L0001484 ,	L0001485 ,	L0001486 ,	L0001487 ,	L0001488 ,	L0001489 ,	L0001490 ,	L0001491 ,
	L0001492 ,	L0001493 ,	L0001494 ,	L0001495 ,	L0001496 ,	L0001497 ,	L0001498 ,	L0001499 ,
	L0001500 ,	L0001501 ,	L0001502 ,	L0001503 ,	L0001504 ,	L0001505 ,	L0001506 ,	L0001507 ,
	L0001508 ,	L0001509 ,	L0001510 ,	L0001511 ,	L0001512 ,	L0001513 ,	L0001514 ,	L0001515 ,
	L0001516 ,	L0001517 ,	L0001518 ,	L0001519 ,	L0001520 ,	L0001521 ,	L0001522 ,	L0001523 ,
	L0001524 ,	L0001525 ,	L0001526 ,	L0001527 ,	L0001528 ,	L0001529 ,	L0001530 ,	L0001531 ,
	L0001532 ,	L0001533 ,	L0001534 ,	L0001535 ,	L0001536 ,	L0001537 ,	L0001538 ,	L0001539 ,
	L0001540 ,	L0001541 ,	L0001542 ,	L0001543 ,	L0001544 ,	L0001545 ,	L0001546 ,	L0001547 ,
	L0001548 ,	L0001549 ,	L0001550 ,	L0001551 ,	L0001552 ,	L0001553 ,	L0001554 ,	L0001555 ,
	L0001556 ,	L0001557 ,	L0001558 ,	L0001559 ,	L0001560 ,	L0001561 ,	L0001562 ,	L0001563 ,
	L0001564 ,	L0001565 ,	L0001566 ,	L0001567 ,	L0001568 ,	L0001569 ,	L0001570 ,	L0001571 ,
	L0001572 ,	L0001573 ,	L0001574 ,	L0001575 ,	L0001576 ,	L0001577 ,	L0001578 ,	L0001579 ,
	L0001580 ,	L0001581 ,	L0001582 ,	L0001583 ,	L0001584 ,	L0001585 ,	L0001586 ,	L0001587 ,
	L0001588 ,	L0001589 ,	L0001590 ,	L0001591 ,	L0001592 ,	L0001593 ,	L0001594 ,	L0001595 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs							
	L0001596 ,	L0001597 ,	L0001598 ,	L0001599 ,	L0001600 ,	L0001601 ,	L0001602 ,	L0001603 ,
	L0001604 ,	L0001605 ,	L0001606 ,	L0001607 ,	L0001608 ,	L0001609 ,	L0001610 ,	L0001611 ,
	L0001612 ,	L0001613 ,	L0001614 ,	L0001615 ,	L0001616 ,	L0001617 ,	L0001618 ,	L0001619 ,
	L0001620 ,	L0001621 ,	L0001622 ,	L0001623 ,	L0001624 ,	L0001625 ,	L0001626 ,	L0001627 ,
	L0001628 ,	L0001629 ,	L0001630 ,	L0001631 ,	L0001632 ,	L0001633 ,	L0001634 ,	L0001635 ,
	L0001636 ,	L0001637 ,	L0001638 ,	L0001639 ,	L0001640 ,	L0001641 ,	L0001642 ,	L0001643 ,
	L0001644 ,	L0001645 ,	L0001646 ,	L0001647 ,	L0001648 ,	L0001649 ,	L0001650 ,	L0001651 ,
	L0001652 ,	L0001653 ,	L0001654 ,	L0001655 ,	L0001656 ,	L0001657 ,	L0001658 ,	L0001659 ,
	L0001660 ,	L0001661 ,	L0001662 ,	L0001663 ,	L0001664 ,	L0001665 ,	L0001666 ,	L0001667 ,
	L0001668 ,	L0001669 ,	L0001670 ,	L0001671 ,	L0001672 ,	L0001673 ,	L0001674 ,	L0001675 ,
	L0001676 ,	L0001677 ,	L0001678 ,	L0001679 ,	L0001680 ,	L0001681 ,	L0001682 ,	L0001683 ,
	L0001684 ,	L0001685 ,	L0001686 ,	L0001687 ,	L0001688 ,	L0001689 ,	L0001690 ,	L0001691 ,
	L0001692 ,	L0001693 ,	L0001694 ,	L0001695 ,	L0001696 ,	L0001697 ,	L0001698 ,	L0001699 ,
	L0001700 ,	L0001701 ,	L0001702 ,	L0001703 ,	L0001704 ,	L0001705 ,	L0001706 ,	L0001707 ,
	L0001708 ,	L0001709 ,	L0001710 ,	L0001711 ,	L0001712 ,	L0001713 ,	L0001714 ,	L0001715 ,
	L0001716 ,	L0001717 ,	L0001718 ,	L0001719 ,	L0001720 ,	L0001721 ,	L0001722 ,	L0001723 ,
	L0001724 ,	L0001725 ,	L0001726 ,	L0001727 ,	L0001728 ,	L0001729 ,	L0001730 ,	L0001731 ,
	L0001732 ,	L0001733 ,	L0001734 ,	L0001735 ,	L0001736 ,	L0001737 ,	L0001738 ,	L0001739 ,
	L0001740 ,	L0001741 ,	L0001742 ,	L0001743 ,	L0001744 ,	L0001745 ,	L0001746 ,	L0001747 ,
	L0001748 ,	L0001749 ,	L0001750 ,	L0001751 ,	L0001752 ,	L0001753 ,	L0001754 ,	L0001755 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs							
	L0001756 ,	L0001757 ,	L0001758 ,	L0001759 ,	L0001760 ,	L0001761 ,	L0001762 ,	L0001763 ,
	L0001764 ,	L0001765 ,	L0001766 ,	L0001767 ,	L0001768 ,	L0001769 ,	L0001770 ,	L0001771 ,
	L0001772 ,	L0001773 ,	L0001774 ,	L0001775 ,	L0001776 ,	L0001777 ,	L0001778 ,	L0001779 ,
	L0001780 ,	L0001781 ,	L0001782 ,	L0001783 ,	L0001784 ,	L0001785 ,	L0001786 ,	L0001787 ,
	L0001788 ,	L0001789 ,	L0001790 ,	L0001791 ,	L0001792 ,	L0001793 ,	L0001794 ,	L0001795 ,
	L0001796 ,	L0001797 ,	L0001798 ,	L0001799 ,	L0001800 ,	L0001801 ,	L0001802 ,	L0001803 ,
	L0001804 ,	L0001805 ,	L0001806 ,	L0001807 ,	L0001808 ,	L0001809 ,	L0001810 ,	L0001811 ,
	L0001812 ,	L0001813 ,	L0001814 ,	L0001815 ,	L0001816 ,	L0001817 ,	L0001818 ,	L0001819 ,
	L0001820 ,	L0001821 ,	L0001822 ,	L0001823 ,	L0001824 ,	L0001825 ,	L0001826 ,	L0001827 ,
	L0001828 ,	L0001829 ,	L0001830 ,	L0001831 ,	L0001832 ,	L0001833 ,	L0001834 ,	L0001835 ,
	L0001836 ,	L0001837 ,	L0001838 ,	L0001839 ,	L0001840 ,	L0001841 ,	L0001842 ,	L0001843 ,
	L0001844 ,	L0001845 ,	L0001846 ,	L0001847 ,	L0001848 ,	L0001849 ,	L0001850 ,	L0001851 ,
	L0001852 ,	L0001853 ,	L0001854 ,	L0001855 ,	L0001856 ,	L0001857 ,	L0001858 ,	L0001859 ,
	L0001860 ,	L0001861 ,	L0001862 ,	L0001863 ,	L0001864 ,	L0001865 ,	L0001866 ,	L0001867 ,
	L0001868 ,	L0001869 ,	L0001870 ,	L0001871 ,	L0001872 ,	L0001873 ,	L0001874 ,	L0001875 ,
	L0001876 ,	L0001877 ,	L0001878 ,	L0001879 ,	L0001880 ,	L0001881 ,		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
	2492442.	L0001436 , L0001437 , L0001438 , L0001439 , L0001440 , L0001441 , L0001442 , L0001443 ,
		L0001444 , L0001445 , L0001446 , L0001447 , L0001448 , L0001449 , L0001450 , L0001451 ,
		L0001452 , L0001453 , L0001454 , L0001455 , L0001456 , L0001457 , L0001458 , L0001459 ,
		L0001460 , L0001461 , L0001462 , L0001463 , L0001464 , L0001465 , L0001466 , L0001467 ,
		L0001468 , L0001469 , L0001470 , L0001471 , L0001472 , L0001473 , L0001474 , L0001475 ,
		L0001476 , L0001477 , L0001478 , L0001479 , L0001480 , L0001481 , L0001482 , L0001483 ,
		L0001484 , L0001485 , L0001486 , L0001487 , L0001488 , L0001489 , L0001490 , L0001491 ,
		L0001492 , L0001493 , L0001494 , L0001495 , L0001496 , L0001497 , L0001498 , L0001499 ,
		L0001500 , L0001501 , L0001502 , L0001503 , L0001504 , L0001505 , L0001506 , L0001507 ,
		L0001508 , L0001509 , L0001510 , L0001511 , L0001512 , L0001513 , L0001514 , L0001515 ,
		L0001516 , L0001517 , L0001518 , L0001519 , L0001520 , L0001521 , L0001522 , L0001523 ,
		L0001524 , L0001525 , L0001526 , L0001527 , L0001528 , L0001529 , L0001530 , L0001531 ,
		L0001532 , L0001533 , L0001534 , L0001535 , L0001536 , L0001537 , L0001538 , L0001539 ,
		L0001540 , L0001541 , L0001542 , L0001543 , L0001544 , L0001545 , L0001546 , L0001547 ,
		L0001548 , L0001549 , L0001550 , L0001551 , L0001552 , L0001553 , L0001554 , L0001555 ,
		L0001556 , L0001557 , L0001558 , L0001559 , L0001560 , L0001561 , L0001562 , L0001563 ,
		L0001564 , L0001565 , L0001566 , L0001567 , L0001568 , L0001569 , L0001570 , L0001571 ,
		L0001572 , L0001573 , L0001574 , L0001575 , L0001576 , L0001577 , L0001578 , L0001579 ,
		L0001580 , L0001581 , L0001582 , L0001583 , L0001584 , L0001585 , L0001586 , L0001587 ,
		L0001588 , L0001589 , L0001590 , L0001591 , L0001592 , L0001593 , L0001594 , L0001595 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs							
		L0001596	L0001597	L0001598	L0001599	L0001600	L0001601	L0001602	L0001603
		L0001604	L0001605	L0001606	L0001607	L0001608	L0001609	L0001610	L0001611
		L0001612	L0001613	L0001614	L0001615	L0001616	L0001617	L0001618	L0001619
		L0001620	L0001621	L0001622	L0001623	L0001624	L0001625	L0001626	L0001627
		L0001628	L0001629	L0001630	L0001631	L0001632	L0001633	L0001634	L0001635
		L0001636	L0001637	L0001638	L0001639	L0001640	L0001641	L0001642	L0001643
		L0001644	L0001645	L0001646	L0001647	L0001648	L0001649	L0001650	L0001651
		L0001652	L0001653	L0001654	L0001655	L0001656	L0001657	L0001658	L0001659
		L0001660	L0001661	L0001662	L0001663	L0001664	L0001665	L0001666	L0001667
		L0001668	L0001669	L0001670	L0001671	L0001672	L0001673	L0001674	L0001675
		L0001676	L0001677	L0001678	L0001679	L0001680	L0001681	L0001682	L0001683
		L0001684	L0001685	L0001686	L0001687	L0001688	L0001689	L0001690	L0001691
		L0001692	L0001693	L0001694	L0001695	L0001696	L0001697	L0001698	L0001699
		L0001700	L0001701	L0001702	L0001703	L0001704	L0001705	L0001706	L0001707
		L0001708	L0001709	L0001710	L0001711	L0001712	L0001713	L0001714	L0001715
		L0001716	L0001717	L0001718	L0001719	L0001720	L0001721	L0001722	L0001723
		L0001724	L0001725	L0001726	L0001727	L0001728	L0001729	L0001730	L0001731
		L0001732	L0001733	L0001734	L0001735	L0001736	L0001737	L0001738	L0001739
		L0001740	L0001741	L0001742	L0001743	L0001744	L0001745	L0001746	L0001747
		L0001748	L0001749	L0001750	L0001751	L0001752	L0001753	L0001754	L0001755

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
		L0001756 , L0001757 , L0001758 , L0001759 , L0001760 , L0001761 , L0001762 , L0001763 ,
		L0001764 , L0001765 , L0001766 , L0001767 , L0001768 , L0001769 , L0001770 , L0001771 ,
		L0001772 , L0001773 , L0001774 , L0001775 , L0001776 , L0001777 , L0001778 , L0001779 ,
		L0001780 , L0001781 , L0001782 , L0001783 , L0001784 , L0001785 , L0001786 , L0001787 ,
		L0001788 , L0001789 , L0001790 , L0001791 , L0001792 , L0001793 , L0001794 , L0001795 ,
		L0001796 , L0001797 , L0001798 , L0001799 , L0001800 , L0001801 , L0001802 , L0001803 ,
		L0001804 , L0001805 , L0001806 , L0001807 , L0001808 , L0001809 , L0001810 , L0001811 ,
		L0001812 , L0001813 , L0001814 , L0001815 , L0001816 , L0001817 , L0001818 , L0001819 ,
		L0001820 , L0001821 , L0001822 , L0001823 , L0001824 , L0001825 , L0001826 , L0001827 ,
		L0001828 , L0001829 , L0001830 , L0001831 , L0001832 , L0001833 , L0001834 , L0001835 ,
		L0001836 , L0001837 , L0001838 , L0001839 , L0001840 , L0001841 , L0001842 , L0001843 ,
		L0001844 , L0001845 , L0001846 , L0001847 , L0001848 , L0001849 , L0001850 , L0001851 ,
		L0001852 , L0001853 , L0001854 , L0001855 , L0001856 , L0001857 , L0001858 , L0001859 ,
		L0001860 , L0001861 , L0001862 , L0001863 , L0001864 , L0001865 , L0001866 , L0001867 ,
		L0001868 , L0001869 , L0001870 , L0001871 , L0001872 , L0001873 , L0001874 , L0001875 ,
		L0001876 , L0001877 , L0001878 , L0001879 , L0001880 , L0001881 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

475945.0, 476020.0, 476095.0, 476170.0, 476245.0, 476320.0, 476395.0, 476470.0, 476545.0, 476620.0,
476695.0, 476770.0, 476845.0, 476920.0, 476995.0, 477070.0, 477145.0, 477220.0, 477295.0, 477370.0,
477445.0, 477520.0, 477595.0, 477670.0, 477745.0, 477820.0, 477895.0, 477970.0, 478045.0, 478120.0,
478195.0, 478270.0, 478345.0, 478420.0, 478495.0, 478570.0, 478645.0, 478720.0,

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

3745609.5, 3745684.5, 3745759.5, 3745834.5, 3745909.5, 3745984.5, 3746059.5, 3746134.5, 3746209.5, 3746284.5,
3746359.5, 3746434.5, 3746509.5, 3746584.5, 3746659.5, 3746734.5, 3746809.5, 3746884.5, 3746959.5, 3747034.5,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 475944.95	476019.95	476094.95	476169.95	476244.95	476319.95	476394.95	476469.95	476544.95
3747034.48	462.40	461.90	459.50	458.90	458.20	458.10	457.50	456.40	455.60
3746959.48	466.50	467.70	464.00	460.90	459.30	458.40	457.60	456.60	456.10
3746884.48	466.20	464.60	460.20	459.70	459.00	456.70	458.10	456.60	456.00
3746809.48	462.20	464.40	461.10	459.70	459.00	457.60	457.10	457.40	456.30
3746734.48	462.20	463.20	462.90	459.90	459.20	458.20	458.20	457.70	456.80
3746659.48	463.60	462.80	463.70	460.20	459.40	458.50	458.50	457.60	456.90
3746584.48	464.10	463.50	463.30	460.50	460.20	459.40	459.40	458.10	456.80
3746509.48	464.90	464.20	462.80	461.90	460.70	459.90	459.10	458.20	457.30
3746434.48	465.00	464.00	462.90	462.60	461.20	460.30	459.30	458.40	457.40
3746359.48	465.00	464.10	463.40	462.70	461.50	460.40	459.60	458.60	457.70
3746284.48	465.40	464.60	463.70	462.70	461.70	460.40	459.60	458.60	457.80
3746209.48	465.70	464.50	463.60	462.70	461.90	460.60	460.00	458.80	458.00
3746134.48	464.10	463.70	463.10	462.50	461.60	460.40	459.50	458.60	457.90
3746059.48	464.20	463.80	463.90	463.10	461.50	460.70	459.30	458.60	458.10
3745984.48	464.30	463.80	463.80	463.20	461.20	460.90	459.30	458.70	458.20
3745909.48	463.90	463.70	463.70	463.00	460.50	460.90	459.80	458.90	458.00
3745834.48	463.50	463.40	463.30	461.30	460.20	460.70	460.30	459.10	458.10
3745759.48	464.00	463.60	463.10	462.20	461.40	461.00	460.80	459.10	458.10
3745684.48	464.20	462.80	462.50	462.30	462.00	461.20	460.30	459.10	458.30
3745609.48	464.50	463.00	462.70	462.70	462.80	461.00	459.90	459.60	458.10

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 476619.95	476694.95	476769.95	476844.95	476919.95	476994.95	477069.95	477144.95	477219.95
3747034.48	455.30	454.80	454.20	453.70	452.80	451.20	453.20	453.60	452.40
3746959.48	455.70	454.90	454.30	453.90	453.20	451.80	451.60	453.20	452.90
3746884.48	455.70	454.90	454.40	454.00	453.10	452.40	450.80	452.10	451.90
3746809.48	455.90	455.20	454.50	453.80	453.10	452.60	451.80	451.00	451.30
3746734.48	456.20	455.60	455.00	454.10	453.30	452.60	451.90	451.20	450.90
3746659.48	456.30	455.50	455.10	454.10	453.20	452.50	451.90	451.20	450.40
3746584.48	456.20	455.30	454.80	454.20	453.30	452.60	451.90	451.30	450.70
3746509.48	456.40	455.70	454.90	454.20	453.40	452.70	452.00	451.40	450.80
3746434.48	456.50	455.80	454.90	454.10	453.40	452.80	452.10	451.60	451.10
3746359.48	456.80	456.00	455.00	454.20	453.50	453.00	452.50	452.00	451.50
3746284.48	457.10	456.00	455.30	454.60	453.90	453.30	452.80	452.20	451.50
3746209.48	457.10	456.20	455.60	454.90	454.20	453.60	453.10	452.40	451.70
3746134.48	457.30	456.40	455.80	455.20	454.50	453.90	453.00	452.40	451.80
3746059.48	457.60	456.60	455.90	455.20	454.40	453.80	453.10	452.50	451.90
3745984.48	457.60	455.90	454.90	454.30	453.80	453.40	453.10	452.60	452.00
3745909.48	457.60	456.00	455.00	454.30	453.90	453.40	453.00	452.30	451.00
3745834.48	457.30	455.80	454.70	454.30	453.90	453.30	452.90	452.50	451.10
3745759.48	457.40	456.00	455.40	454.90	454.40	453.70	453.20	452.80	452.10
3745684.48	457.50	456.80	456.00	455.30	454.50	453.90	453.30	452.80	452.20
3745609.48	457.50	456.60	455.90	455.10	454.40	453.80	453.10	452.70	452.20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 477294.95	477369.95	477444.95	477519.95	477594.95	477669.95	477744.95	477819.95	477894.95
3747034.48	450.80	450.70	450.60	450.40	450.00	449.40	448.70	448.60	448.60
3746959.48	451.40	450.90	450.60	450.30	450.20	449.80	449.10	449.00	448.90
3746884.48	451.20	451.00	450.40	450.10	449.80	449.60	449.40	448.90	449.30
3746809.48	451.00	450.70	450.30	450.00	449.70	449.40	449.30	448.90	449.00
3746734.48	450.70	450.40	449.90	449.60	449.40	449.20	449.10	449.00	449.00
3746659.48	450.40	450.20	449.70	449.40	449.00	448.90	449.00	448.90	449.10
3746584.48	449.90	449.70	449.20	448.80	448.50	448.30	448.30	448.10	447.90
3746509.48	450.40	450.00	449.60	449.30	448.90	448.50	448.40	448.30	448.30
3746434.48	450.30	450.10	449.70	449.20	448.80	448.50	448.10	448.10	448.20
3746359.48	450.80	450.00	449.80	449.00	448.60	448.30	448.10	447.90	447.90
3746284.48	450.80	450.20	449.70	449.40	448.60	448.70	448.80	448.80	448.50
3746209.48	451.10	450.40	449.90	449.20	448.50	448.40	447.80	447.80	448.00
3746134.48	451.30	450.70	450.10	449.20	448.10	447.70	447.30	447.20	447.00
3746059.48	451.30	450.80	450.20	449.30	447.60	447.50	447.50	447.40	447.40
3745984.48	451.30	450.70	450.20	449.50	447.90	447.90	448.00	448.00	447.80
3745909.48	451.30	450.70	450.40	449.70	449.20	448.70	448.60	448.30	448.30
3745834.48	451.50	450.90	450.60	450.00	449.40	449.00	448.70	448.60	448.60
3745759.48	451.70	451.20	450.80	450.30	449.90	449.60	449.20	449.00	448.70
3745684.48	451.70	451.20	450.80	450.50	450.10	449.70	449.30	448.80	447.80
3745609.48	451.70	451.30	451.00	450.50	449.90	449.50	449.00	448.60	447.70

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 477969.95	478044.95	478119.95	478194.95	478269.95	478344.95	478419.95	478494.95	478569.95
3747034.48	448.70	448.70	448.50	448.60	448.50	449.10	448.80	448.00	448.20
3746959.48	448.70	448.50	448.20	447.70	448.10	448.90	448.80	448.20	447.70
3746884.48	448.60	448.20	448.00	448.00	447.80	448.40	447.60	447.60	447.60
3746809.48	448.10	447.70	447.40	447.70	447.70	448.30	447.70	447.40	447.30
3746734.48	448.70	448.30	448.00	447.70	447.70	447.90	447.30	447.00	447.00
3746659.48	448.10	447.80	447.30	447.40	447.90	447.70	446.70	446.50	446.60
3746584.48	447.10	446.80	446.50	446.40	448.10	445.40	445.40	445.30	445.30
3746509.48	448.10	448.00	447.80	447.60	448.30	447.10	446.50	445.70	445.70
3746434.48	448.00	447.70	447.90	447.60	447.60	447.30	446.60	445.80	446.10
3746359.48	447.70	447.50	447.40	447.20	447.00	447.10	446.70	446.40	446.10
3746284.48	448.20	447.60	447.80	448.00	447.10	446.70	446.50	446.30	446.00
3746209.48	447.50	446.80	447.00	447.00	446.80	446.20	445.90	445.70	445.50
3746134.48	446.80	447.00	446.90	446.80	447.10	446.80	446.20	446.00	446.00
3746059.48	447.40	447.70	447.00	446.90	447.00	446.80	446.20	446.00	446.40
3745984.48	447.80	448.00	446.90	446.80	447.00	446.20	446.00	445.80	446.00
3745909.48	448.30	448.30	447.00	446.80	447.00	446.10	446.10	445.70	445.80
3745834.48	448.60	448.80	446.90	447.00	446.90	446.20	446.10	445.80	445.40
3745759.48	448.50	448.40	447.50	447.30	447.00	446.70	446.30	446.10	445.60
3745684.48	447.60	447.40	446.90	446.20	446.40	445.50	446.00	446.60	446.20
3745609.48	447.40	447.00	446.60	446.00	446.20	445.40	445.90	446.60	446.20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 478644.95	478719.95
3747034.48	447.90	447.70
3746959.48	447.50	447.80
3746884.48	447.60	447.60
3746809.48	447.30	447.30
3746734.48	447.00	446.90
3746659.48	446.60	446.60
3746584.48	445.30	445.10
3746509.48	445.70	445.70
3746434.48	446.00	446.10
3746359.48	446.00	445.80
3746284.48	445.80	445.60
3746209.48	445.20	445.00
3746134.48	445.70	445.80
3746059.48	445.70	445.90
3745984.48	445.40	445.20
3745909.48	445.60	445.70
3745834.48	445.80	445.40
3745759.48	445.50	445.20
3745684.48	445.20	444.50
3745609.48	444.40	444.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 475944.95	476019.95	476094.95	476169.95	476244.95	476319.95	476394.95	476469.95	476544.95
3747034.48	462.40	461.90	459.50	458.90	458.20	458.10	457.50	456.40	455.60
3746959.48	470.40	467.70	464.60	460.90	459.30	458.40	457.60	456.60	456.10
3746884.48	467.90	464.60	468.70	459.70	459.00	456.70	458.10	456.60	456.00
3746809.48	462.20	464.40	464.50	459.70	459.00	457.60	457.10	457.40	456.30
3746734.48	462.20	463.20	462.90	459.90	459.20	458.20	458.20	457.70	456.80
3746659.48	463.60	462.80	463.70	460.20	459.40	458.50	458.50	457.60	456.90
3746584.48	464.10	463.50	463.30	460.50	460.20	459.40	459.40	458.10	456.80
3746509.48	464.90	464.20	462.80	461.90	460.70	459.90	459.10	458.20	457.30
3746434.48	465.00	464.00	462.90	462.60	461.20	460.30	459.30	458.40	457.40
3746359.48	465.00	464.10	463.40	462.70	461.50	460.40	459.60	458.60	457.70
3746284.48	465.40	464.60	463.70	462.70	461.70	460.40	459.60	458.60	457.80
3746209.48	465.70	464.50	463.60	462.70	461.90	460.60	460.00	458.80	458.00
3746134.48	464.10	463.70	463.10	462.50	461.60	460.40	459.50	458.60	457.90
3746059.48	464.20	463.80	463.90	463.10	461.50	460.70	459.30	458.60	458.10
3745984.48	464.30	463.80	463.80	463.20	461.20	460.90	459.30	458.70	458.20
3745909.48	463.90	463.70	463.70	463.00	460.50	460.90	459.80	458.90	458.00
3745834.48	463.50	463.40	463.30	461.30	460.20	460.70	460.30	459.10	458.10
3745759.48	464.00	463.60	463.10	462.20	461.40	461.00	460.80	459.10	458.10
3745684.48	464.20	462.80	462.50	462.30	462.00	461.20	460.30	459.10	458.30
3745609.48	464.50	463.00	462.70	462.70	462.80	461.00	459.90	459.60	458.10

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 476619.95	476694.95	476769.95	476844.95	476919.95	476994.95	477069.95	477144.95	477219.95
3747034.48	455.30	454.80	454.20	453.70	452.80	451.20	453.20	453.60	452.40
3746959.48	455.70	454.90	454.30	453.90	453.20	451.80	451.60	453.20	452.90
3746884.48	455.70	454.90	454.40	454.00	453.10	452.40	450.80	452.10	451.90
3746809.48	455.90	455.20	454.50	453.80	453.10	452.60	451.80	451.00	451.30
3746734.48	456.20	455.60	455.00	454.10	453.30	452.60	451.90	451.20	450.90
3746659.48	456.30	455.50	455.10	454.10	453.20	452.50	451.90	451.20	450.40
3746584.48	456.20	455.30	454.80	454.20	453.30	452.60	451.90	451.30	450.70
3746509.48	456.40	455.70	454.90	454.20	453.40	452.70	452.00	451.40	450.80
3746434.48	456.50	455.80	454.90	454.10	453.40	452.80	452.10	451.60	451.10
3746359.48	456.80	456.00	455.00	454.20	453.50	453.00	452.50	452.00	451.50
3746284.48	457.10	456.00	455.30	454.60	453.90	453.30	452.80	452.20	451.50
3746209.48	457.10	456.20	455.60	454.90	454.20	453.60	453.10	452.40	451.70
3746134.48	457.30	456.40	455.80	455.20	454.50	453.90	453.00	452.40	451.80
3746059.48	457.60	456.60	455.90	455.20	454.40	453.80	453.10	452.50	451.90
3745984.48	457.60	455.90	454.90	454.30	453.80	453.40	453.10	452.60	452.00
3745909.48	457.60	456.00	455.00	454.30	453.90	453.40	453.00	452.30	451.00
3745834.48	457.30	455.80	454.70	454.30	453.90	453.30	452.90	452.50	451.10
3745759.48	457.40	456.00	455.40	454.90	454.40	453.70	453.20	452.80	452.10
3745684.48	457.50	456.80	456.00	455.30	454.50	453.90	453.30	452.80	452.20
3745609.48	457.50	456.60	455.90	455.10	454.40	453.80	453.10	452.70	452.20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 477294.95	477369.95	477444.95	477519.95	477594.95	477669.95	477744.95	477819.95	477894.95
3747034.48	450.80	450.70	450.60	450.40	450.00	449.40	448.70	448.60	448.60
3746959.48	451.40	450.90	450.60	450.30	450.20	449.80	449.10	449.00	448.90
3746884.48	451.20	451.00	450.40	450.10	449.80	449.60	449.40	448.90	449.30
3746809.48	451.00	450.70	450.30	450.00	449.70	449.40	449.30	448.90	449.00
3746734.48	450.70	450.40	449.90	449.60	449.40	449.20	449.10	449.00	449.00
3746659.48	450.40	450.20	449.70	449.40	449.00	448.90	449.00	448.90	449.10
3746584.48	449.90	449.70	449.20	448.80	448.50	448.30	448.30	448.10	447.90
3746509.48	450.40	450.00	449.60	449.30	448.90	448.50	448.40	448.30	448.30
3746434.48	450.30	450.10	449.70	449.20	448.80	448.50	448.10	448.10	448.20
3746359.48	450.80	450.00	449.80	449.00	448.60	448.30	448.10	447.90	447.90
3746284.48	450.80	450.20	449.70	449.40	448.60	448.70	448.80	448.80	448.50
3746209.48	451.10	450.40	449.90	449.20	448.50	448.40	447.80	447.80	448.00
3746134.48	451.30	450.70	450.10	449.20	448.10	447.70	447.30	447.20	447.00
3746059.48	451.30	450.80	450.20	449.30	447.60	447.50	447.50	447.40	447.40
3745984.48	451.30	450.70	450.20	449.50	447.90	447.90	448.00	448.00	447.80
3745909.48	451.30	450.70	450.40	449.70	449.20	448.70	448.60	448.30	448.30
3745834.48	451.50	450.90	450.60	450.00	449.40	449.00	448.70	448.60	448.60
3745759.48	451.70	451.20	450.80	450.30	449.90	449.60	449.20	449.00	448.70
3745684.48	451.70	451.20	450.80	450.50	450.10	449.70	449.30	448.80	447.80
3745609.48	451.70	451.30	451.00	450.50	449.90	449.50	449.00	448.60	447.70

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 477969.95	478044.95	478119.95	478194.95	478269.95	478344.95	478419.95	478494.95	478569.95
3747034.48	448.70	448.70	448.50	448.60	448.50	449.10	448.80	448.00	448.20
3746959.48	448.70	448.50	448.20	447.70	448.10	448.90	448.80	448.20	447.70
3746884.48	448.60	448.20	448.00	448.00	447.80	448.40	447.60	447.60	447.60
3746809.48	448.10	447.70	447.40	447.70	447.70	448.30	447.70	447.40	447.30
3746734.48	448.70	448.30	448.00	447.70	447.70	447.90	447.30	447.00	447.00
3746659.48	448.10	447.80	447.30	447.40	447.90	447.70	446.70	446.50	446.60
3746584.48	447.10	446.80	446.50	446.40	448.10	445.40	445.40	445.30	445.30
3746509.48	448.10	448.00	447.80	447.60	448.30	447.10	446.50	445.70	445.70
3746434.48	448.00	447.70	447.90	447.60	447.60	447.30	446.60	445.80	446.10
3746359.48	447.70	447.50	447.40	447.20	447.00	447.10	446.70	446.40	446.10
3746284.48	448.20	447.60	447.80	448.00	447.10	446.70	446.50	446.30	446.00
3746209.48	447.50	446.80	447.00	447.00	446.80	446.20	445.90	445.70	445.50
3746134.48	446.80	447.00	446.90	446.80	447.10	446.80	446.20	446.00	446.00
3746059.48	447.40	447.70	447.00	446.90	447.00	446.80	446.20	446.00	446.40
3745984.48	447.80	448.00	446.90	446.80	447.00	446.20	446.00	445.80	446.00
3745909.48	448.30	448.30	447.00	446.80	447.00	446.10	446.10	445.70	445.80
3745834.48	448.60	448.80	446.90	447.00	446.90	446.20	446.10	445.80	445.40
3745759.48	448.50	448.40	447.50	447.30	447.00	446.70	446.30	446.10	445.60
3745684.48	447.60	447.40	446.90	446.20	446.40	445.50	446.00	446.60	446.20
3745609.48	447.40	447.00	446.60	446.00	446.20	445.40	445.90	446.60	446.20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 478644.95	478719.95
3747034.48	447.90	447.70
3746959.48	447.50	447.80
3746884.48	447.60	447.60
3746809.48	447.30	447.30
3746734.48	447.00	446.90
3746659.48	446.60	446.60
3746584.48	445.30	445.10
3746509.48	445.70	445.70
3746434.48	446.00	446.10
3746359.48	446.00	445.80
3746284.48	445.80	445.60
3746209.48	445.20	445.00
3746134.48	445.70	445.80
3746059.48	445.70	445.90
3745984.48	445.40	445.20
3745909.48	445.60	445.70
3745834.48	445.80	445.40
3745759.48	445.50	445.20
3745684.48	445.20	444.50
3745609.48	444.40	444.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(476633.1,	3746546.2,	456.0,	456.0,	0.0);	(478292.3,	3746508.4,	448.3,	448.3,	0.0);
(478292.1,	3746421.6,	447.6,	447.6,	0.0);	(478180.5,	3746345.4,	447.3,	447.3,	0.0);
(477633.6,	3746348.0,	448.4,	448.4,	0.0);	(477038.3,	3746361.1,	452.8,	452.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001447	478292.1	3746421.6	0.77
L0001455	478270.0	3746359.5	-1.36
L0001463	478195.0	3746359.5	-0.11
L0001464	478195.0	3746359.5	-0.75
L0001472	478120.0	3746359.5	-1.37
L0001473	478120.0	3746359.5	0.43
L0001481	478045.0	3746359.5	-2.02
L0001489	477970.0	3746359.5	0.56
L0001490	477970.0	3746359.5	-1.89
L0001498	477895.0	3746359.5	-1.07
L0001499	477895.0	3746359.5	-1.02
L0001507	477820.0	3746359.5	-2.26
L0001508	477820.0	3746359.5	0.38
L0001516	477745.0	3746359.5	-2.73
L0001524	477670.0	3746359.5	-0.40
L0001525	477670.0	3746359.5	-2.32
L0001533	477595.0	3746359.5	-2.02
L0001534	477595.0	3746359.5	-1.17
L0001542	477520.0	3746359.5	-6.29
L0001543	477520.0	3746359.5	-1.92
L0001582	477220.0	3746509.5	-2.88
L0001583	477220.0	3746509.5	-5.55
L0001652	476633.1	3746546.2	0.43
L0001690	476470.0	3746809.5	-0.69
L0001715	476320.0	3746959.5	-0.02
L0001723	476245.0	3746959.5	-0.40
L0001724	476245.0	3746959.5	-3.16
L0001733	476170.0	3746959.5	0.99
L0001837	478120.0	3746509.5	-1.44
L0001838	478120.0	3746509.5	-1.66
L0001846	478045.0	3746509.5	-2.62
L0001847	478045.0	3746509.5	-0.10
L0001855	477970.0	3746509.5	-3.04
L0001863	477895.0	3746509.5	-0.33
L0001864	477895.0	3746509.5	-2.54
L0001872	477820.0	3746509.5	-1.88
L0001873	477820.0	3746509.5	-1.30
L0001881	477745.0	3746509.5	-2.88

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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
```

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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: ..\..\Desktop_HRA_MET and TOPO data\peri_sfc_pfl\PERI_V11_trimmed.sfc Met Version: 22112
Profile file: ..\..\Desktop_HRA_MET and TOPO data\peri_sfc_pfl\PERI_V11_trimmed.pfl
Surface format: FREE
Profile format: FREE
Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2016 Year: 2016

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
16	01	01	1	01	-21.3	0.220	-9.000	-9.000	-999.	248.	53.3	0.06	0.53	1.00	3.11	342.	11.6	279.8	5.4
16	01	01	1	02	-23.0	0.238	-9.000	-9.000	-999.	278.	62.2	0.06	0.53	1.00	3.35	343.	11.6	279.6	5.4
16	01	01	1	03	-19.6	0.202	-9.000	-9.000	-999.	218.	44.9	0.06	0.53	1.00	2.87	342.	11.6	279.1	5.4
16	01	01	1	04	-15.2	0.175	-9.000	-9.000	-999.	176.	33.8	0.06	0.53	1.00	2.51	340.	11.6	278.7	5.4
16	01	01	1	05	-4.4	0.093	-9.000	-9.000	-999.	70.	15.7	0.06	0.53	1.00	1.36	335.	11.6	277.5	5.4
16	01	01	1	06	-13.9	0.167	-9.000	-9.000	-999.	164.	30.7	0.06	0.53	1.00	2.41	337.	11.6	278.0	5.4
16	01	01	1	07	-7.6	0.122	-9.000	-9.000	-999.	102.	20.5	0.06	0.53	1.00	1.80	356.	11.6	277.3	5.4
16	01	01	1	08	-25.5	0.388	-9.000	-9.000	-999.	579.	197.5	0.09	0.53	0.53	4.73	74.	10.1	274.3	5.4
16	01	01	1	09	22.4	0.406	0.330	0.005	55.	621.	-258.7	0.09	0.53	0.32	4.70	79.	10.1	277.2	5.4
16	01	01	1	10	55.5	0.399	0.599	0.005	134.	605.	-99.0	0.09	0.53	0.25	4.46	85.	10.1	283.0	5.4
16	01	01	1	11	78.4	0.108	0.975	0.005	409.	229.	-1.4	0.06	0.53	0.22	0.82	331.	11.6	286.7	5.4
16	01	01	1	12	85.7	0.137	1.097	0.005	532.	123.	-2.6	0.04	0.53	0.21	1.30	34.	11.6	288.6	5.4
16	01	01	1	13	85.3	0.107	1.147	0.005	611.	84.	-1.2	0.04	0.53	0.21	0.89	48.	11.6	290.2	5.4
16	01	01	1	14	61.6	0.118	1.057	0.005	662.	97.	-2.3	0.06	0.53	0.22	0.96	9.	11.6	290.5	5.4
16	01	01	1	15	45.7	0.115	1.038	0.005	844.	93.	-2.9	0.06	0.53	0.26	0.99	352.	11.6	290.7	5.4
16	01	01	1	16	14.9	0.098	0.732	0.005	908.	73.	-5.4	0.04	0.53	0.35	1.03	41.	11.6	289.9	5.4
16	01	01	1	17	-13.7	0.171	-9.000	-9.000	-999.	169.	32.1	0.04	0.53	0.63	2.63	59.	11.6	287.2	5.4
16	01	01	1	18	-17.5	0.186	-9.000	-9.000	-999.	193.	38.2	0.04	0.53	1.00	2.86	43.	11.6	284.7	5.4
16	01	01	1	19	-18.1	0.193	-9.000	-9.000	-999.	204.	41.1	0.06	0.53	1.00	2.70	15.	11.6	283.9	5.4
16	01	01	1	20	-11.3	0.151	-9.000	-9.000	-999.	141.	26.4	0.06	0.53	1.00	2.15	10.	11.6	283.3	5.4
16	01	01	1	21	-4.4	0.094	-9.000	-9.000	-999.	69.	16.1	0.06	0.53	1.00	1.35	17.	11.6	283.0	5.4
16	01	01	1	22	-3.0	0.077	-9.000	-9.000	-999.	52.	13.5	0.04	0.53	1.00	1.16	36.	11.6	282.6	5.4
16	01	01	1	23	-2.4	0.074	-9.000	-9.000	-999.	48.	14.3	0.06	0.53	1.00	0.95	360.	11.6	281.7	5.4
16	01	01	1	24	-1.7	0.068	-9.000	-9.000	-999.	43.	15.7	0.06	0.53	1.00	0.74	334.	11.6	280.6	5.4

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
16	01	01	01	5.4	0	-999.	-99.00	279.8	99.0	-99.00	-99.00
16	01	01	01	11.6	1	342.	3.11	-999.0	99.0	-99.00	-99.00

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001436 , L0001437 , L0001438 , L0001439 , L0001440 ,
L0001441 , L0001442 , L0001443 , L0001444 , L0001445 , L0001446 , L0001447 , L0001448 ,
L0001449 , L0001450 , L0001451 , L0001452 , L0001453 , L0001454 , L0001455 , L0001456 ,
L0001457 , L0001458 , L0001459 , L0001460 , L0001461 , L0001462 , L0001463 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 475944.95	476019.95	476094.95	476169.95	476244.95	476319.95	476394.95	476469.95	476544.95
3747034.48	0.00010	0.00014	0.00019	0.00023	0.00025	0.00024	0.00020	0.00017	0.00014
3746959.48	0.00011	0.00042	0.00095	0.00087	0.00080	0.00091	0.00044	0.00025	0.00018
3746884.48	0.00010	0.00018	0.00028	0.00033	0.00035	0.00040	0.00084	0.00047	0.00023
3746809.48	0.00009	0.00012	0.00015	0.00019	0.00021	0.00026	0.00039	0.00112	0.00031
3746734.48	0.00008	0.00010	0.00012	0.00014	0.00017	0.00021	0.00030	0.00104	0.00042
3746659.48	0.00007	0.00008	0.00010	0.00012	0.00014	0.00017	0.00024	0.00051	0.00066
3746584.48	0.00007	0.00008	0.00009	0.00010	0.00012	0.00015	0.00019	0.00031	0.00107
3746509.48	0.00006	0.00007	0.00008	0.00009	0.00011	0.00013	0.00016	0.00021	0.00032
3746434.48	0.00006	0.00007	0.00007	0.00008	0.00010	0.00011	0.00013	0.00016	0.00020
3746359.48	0.00006	0.00006	0.00007	0.00008	0.00009	0.00010	0.00011	0.00013	0.00015
3746284.48	0.00005	0.00006	0.00006	0.00007	0.00008	0.00009	0.00010	0.00011	0.00013
3746209.48	0.00005	0.00006	0.00006	0.00007	0.00007	0.00008	0.00009	0.00010	0.00011
3746134.48	0.00005	0.00005	0.00006	0.00006	0.00007	0.00008	0.00008	0.00009	0.00010
3746059.48	0.00005	0.00005	0.00006	0.00006	0.00007	0.00007	0.00008	0.00009	0.00009
3745984.48	0.00005	0.00005	0.00005	0.00006	0.00006	0.00007	0.00007	0.00008	0.00009
3745909.48	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00007	0.00008	0.00008
3745834.48	0.00004	0.00005	0.00005	0.00005	0.00006	0.00006	0.00007	0.00007	0.00008
3745759.48	0.00004	0.00004	0.00005	0.00005	0.00005	0.00006	0.00006	0.00007	0.00007
3745684.48	0.00004	0.00004	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00007
3745609.48	0.00004	0.00004	0.00004	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001436 , L0001437 , L0001438 , L0001439 , L0001440 ,
L0001441 , L0001442 , L0001443 , L0001444 , L0001445 , L0001446 , L0001447 , L0001448 ,
L0001449 , L0001450 , L0001451 , L0001452 , L0001453 , L0001454 , L0001455 , L0001456 ,
L0001457 , L0001458 , L0001459 , L0001460 , L0001461 , L0001462 , L0001463 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 476619.95	476694.95	476769.95	476844.95	476919.95	476994.95	477069.95	477144.95	477219.95
3747034.48	0.00013	0.00012	0.00012	0.00012	0.00013	0.00013	0.00014	0.00014	0.00016
3746959.48	0.00015	0.00014	0.00014	0.00014	0.00014	0.00015	0.00015	0.00016	0.00017
3746884.48	0.00018	0.00016	0.00015	0.00015	0.00016	0.00016	0.00017	0.00018	0.00020
3746809.48	0.00021	0.00018	0.00017	0.00017	0.00018	0.00019	0.00020	0.00021	0.00022
3746734.48	0.00026	0.00022	0.00021	0.00021	0.00021	0.00022	0.00023	0.00024	0.00026
3746659.48	0.00034	0.00029	0.00027	0.00028	0.00028	0.00030	0.00031	0.00031	0.00031
3746584.48	0.00075	0.00056	0.00055	0.00056	0.00058	0.00060	0.00067	0.00056	0.00045
3746509.48	0.00048	0.00057	0.00057	0.00057	0.00057	0.00058	0.00058	0.00072	0.00106
3746434.48	0.00025	0.00028	0.00029	0.00030	0.00031	0.00032	0.00034	0.00039	0.00052
3746359.48	0.00018	0.00020	0.00021	0.00022	0.00023	0.00025	0.00027	0.00031	0.00036
3746284.48	0.00014	0.00016	0.00017	0.00019	0.00020	0.00021	0.00023	0.00026	0.00030
3746209.48	0.00012	0.00014	0.00015	0.00016	0.00017	0.00019	0.00021	0.00023	0.00026
3746134.48	0.00011	0.00012	0.00013	0.00014	0.00016	0.00017	0.00019	0.00021	0.00023
3746059.48	0.00010	0.00011	0.00012	0.00013	0.00014	0.00016	0.00017	0.00019	0.00020
3745984.48	0.00009	0.00010	0.00011	0.00012	0.00013	0.00014	0.00016	0.00017	0.00018
3745909.48	0.00009	0.00010	0.00010	0.00011	0.00012	0.00013	0.00014	0.00015	0.00017
3745834.48	0.00008	0.00009	0.00010	0.00010	0.00011	0.00012	0.00013	0.00014	0.00015
3745759.48	0.00008	0.00008	0.00009	0.00010	0.00010	0.00011	0.00012	0.00013	0.00013
3745684.48	0.00007	0.00008	0.00008	0.00009	0.00010	0.00010	0.00011	0.00011	0.00012
3745609.48	0.00007	0.00007	0.00008	0.00008	0.00009	0.00009	0.00010	0.00010	0.00011

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001436 , L0001437 , L0001438 , L0001439 , L0001440 ,
L0001441 , L0001442 , L0001443 , L0001444 , L0001445 , L0001446 , L0001447 , L0001448 ,
L0001449 , L0001450 , L0001451 , L0001452 , L0001453 , L0001454 , L0001455 , L0001456 ,
L0001457 , L0001458 , L0001459 , L0001460 , L0001461 , L0001462 , L0001463 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 477294.95	477369.95	477444.95	477519.95	477594.95	477669.95	477744.95	477819.95	477894.95
3747034.48	0.00017	0.00018	0.00020	0.00022	0.00023	0.00025	0.00027	0.00029	0.00030
3746959.48	0.00019	0.00020	0.00023	0.00025	0.00028	0.00031	0.00033	0.00036	0.00037
3746884.48	0.00021	0.00023	0.00026	0.00029	0.00033	0.00038	0.00042	0.00046	0.00048
3746809.48	0.00024	0.00026	0.00030	0.00034	0.00040	0.00047	0.00055	0.00061	0.00066
3746734.48	0.00027	0.00030	0.00034	0.00041	0.00050	0.00062	0.00076	0.00089	0.00096
3746659.48	0.00032	0.00035	0.00040	0.00048	0.00063	0.00086	0.00117	0.00144	0.00159
3746584.48	0.00040	0.00041	0.00046	0.00057	0.00079	0.00127	0.00226	0.00308	0.00338
3746509.48	0.00063	0.00050	0.00054	0.00065	0.00094	0.00188	0.00927	0.01223	0.01280
3746434.48	0.00106	0.00089	0.00077	0.00079	0.00105	0.00197	0.00348	0.00420	0.00459
3746359.48	0.00048	0.00070	0.00093	0.00131	0.00145	0.00187	0.00262	0.00252	0.00275
3746284.48	0.00036	0.00044	0.00054	0.00067	0.00079	0.00095	0.00114	0.00129	0.00141
3746209.48	0.00030	0.00035	0.00041	0.00048	0.00056	0.00064	0.00073	0.00083	0.00090
3746134.48	0.00026	0.00029	0.00034	0.00038	0.00043	0.00048	0.00053	0.00058	0.00063
3746059.48	0.00023	0.00025	0.00028	0.00031	0.00034	0.00038	0.00041	0.00044	0.00047
3745984.48	0.00020	0.00022	0.00024	0.00026	0.00028	0.00031	0.00033	0.00035	0.00037
3745909.48	0.00018	0.00019	0.00021	0.00022	0.00024	0.00025	0.00027	0.00028	0.00030
3745834.48	0.00016	0.00017	0.00018	0.00019	0.00020	0.00021	0.00022	0.00024	0.00024
3745759.48	0.00014	0.00015	0.00016	0.00017	0.00018	0.00018	0.00019	0.00020	0.00021
3745684.48	0.00013	0.00013	0.00014	0.00015	0.00015	0.00016	0.00017	0.00017	0.00018
3745609.48	0.00012	0.00012	0.00013	0.00013	0.00014	0.00014	0.00015	0.00015	0.00015

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001436 , L0001437 , L0001438 , L0001439 , L0001440 ,
L0001441 , L0001442 , L0001443 , L0001444 , L0001445 , L0001446 , L0001447 , L0001448 ,
L0001449 , L0001450 , L0001451 , L0001452 , L0001453 , L0001454 , L0001455 , L0001456 ,
L0001457 , L0001458 , L0001459 , L0001460 , L0001461 , L0001462 , L0001463 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 477969.95	478044.95	478119.95	478194.95	478269.95	478344.95	478419.95	478494.95	478569.95
3747034.48	0.00030	0.00029	0.00028	0.00026	0.00024	0.00022	0.00020	0.00018	0.00016
3746959.48	0.00037	0.00037	0.00035	0.00032	0.00029	0.00026	0.00023	0.00020	0.00018
3746884.48	0.00049	0.00048	0.00045	0.00041	0.00036	0.00031	0.00027	0.00023	0.00020
3746809.48	0.00067	0.00065	0.00060	0.00053	0.00045	0.00038	0.00031	0.00026	0.00022
3746734.48	0.00099	0.00096	0.00087	0.00074	0.00060	0.00047	0.00037	0.00030	0.00024
3746659.48	0.00164	0.00158	0.00141	0.00114	0.00084	0.00060	0.00044	0.00034	0.00027
3746584.48	0.00343	0.00334	0.00300	0.00219	0.00134	0.00078	0.00052	0.00037	0.00029
3746509.48	0.01611	0.01279	0.01207	0.00867	0.00341	0.00099	0.00057	0.00040	0.00030
3746434.48	0.00466	0.00455	0.00415	0.00310	0.00267	0.00106	0.00058	0.00040	0.00030
3746359.48	0.00283	0.00298	0.00257	0.00226	0.00221	0.00095	0.00055	0.00038	0.00029
3746284.48	0.00147	0.00146	0.00137	0.00122	0.00101	0.00074	0.00051	0.00036	0.00028
3746209.48	0.00094	0.00094	0.00091	0.00083	0.00072	0.00059	0.00045	0.00034	0.00026
3746134.48	0.00066	0.00067	0.00066	0.00062	0.00056	0.00048	0.00040	0.00032	0.00025
3746059.48	0.00049	0.00050	0.00050	0.00048	0.00045	0.00040	0.00035	0.00029	0.00024
3745984.48	0.00038	0.00039	0.00039	0.00039	0.00037	0.00034	0.00030	0.00026	0.00022
3745909.48	0.00031	0.00032	0.00032	0.00032	0.00031	0.00029	0.00026	0.00024	0.00021
3745834.48	0.00025	0.00026	0.00026	0.00026	0.00026	0.00025	0.00023	0.00021	0.00019
3745759.48	0.00021	0.00022	0.00022	0.00022	0.00022	0.00021	0.00020	0.00019	0.00018
3745684.48	0.00018	0.00019	0.00019	0.00019	0.00019	0.00019	0.00018	0.00017	0.00016
3745609.48	0.00016	0.00016	0.00016	0.00017	0.00017	0.00016	0.00016	0.00015	0.00015

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001436 , L0001437 , L0001438 , L0001439 , L0001440 ,
L0001441 , L0001442 , L0001443 , L0001444 , L0001445 , L0001446 , L0001447 , L0001448 ,
L0001449 , L0001450 , L0001451 , L0001452 , L0001453 , L0001454 , L0001455 , L0001456 ,
L0001457 , L0001458 , L0001459 , L0001460 , L0001461 , L0001462 , L0001463 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 478644.95	478719.95
3747034.48	0.00014	0.00013
3746959.48	0.00015	0.00014
3746884.48	0.00017	0.00015
3746809.48	0.00019	0.00016
3746734.48	0.00020	0.00017
3746659.48	0.00022	0.00018
3746584.48	0.00023	0.00019
3746509.48	0.00024	0.00020
3746434.48	0.00024	0.00019
3746359.48	0.00023	0.00019
3746284.48	0.00022	0.00018
3746209.48	0.00021	0.00018
3746134.48	0.00021	0.00017
3746059.48	0.00020	0.00017
3745984.48	0.00019	0.00016
3745909.48	0.00018	0.00015
3745834.48	0.00017	0.00015
3745759.48	0.00016	0.00014
3745684.48	0.00015	0.00013
3745609.48	0.00014	0.00013

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001436 , L0001437 , L0001438 , L0001439 , L0001440 ,
L0001441 , L0001442 , L0001443 , L0001444 , L0001445 , L0001446 , L0001447 , L0001448 ,
L0001449 , L0001450 , L0001451 , L0001452 , L0001453 , L0001454 , L0001455 , L0001456 ,
L0001457 , L0001458 , L0001459 , L0001460 , L0001461 , L0001462 , L0001463 , . . . ,

*** 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
476633.11	3746546.21	0.00103	478292.35	3746508.39	0.00261
478292.09	3746421.57	0.00244	478180.45	3746345.37	0.00215
477633.56	3746348.00	0.00164	477038.28	3746361.07	0.00026

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.01611 AT	(477969.95, 3746509.48, 448.10, 448.10, 0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	0.01280 AT	(477894.95, 3746509.48, 448.30, 448.30, 0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	0.01279 AT	(478044.95, 3746509.48, 448.00, 448.00, 0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	0.01223 AT	(477819.95, 3746509.48, 448.30, 448.30, 0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	0.01207 AT	(478119.95, 3746509.48, 447.80, 447.80, 0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00927 AT	(477744.95, 3746509.48, 448.40, 448.40, 0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	0.00867 AT	(478194.95, 3746509.48, 447.60, 447.60, 0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00466 AT	(477969.95, 3746434.48, 448.00, 448.00, 0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00459 AT	(477894.95, 3746434.48, 448.20, 448.20, 0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00455 AT	(478044.95, 3746434.48, 447.70, 447.70, 0.00)	GC	UCART1

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

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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

*** 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          598 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of          227 Calm Hours Identified

A Total of          371 Missing Hours Identified (  0.85 Percent)


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


   ********   WARNING MESSAGES   ********
ME W186    1071       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used           0.50
ME W187    1071       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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