REGIONAL DUST ANALYSIS REPORT

Rev. 0 **Date: October 14, 2010**

PIÑON RIDGE MILL
Montrose County, Colorado

Submitted to:

Radiation Management Unit
Colorado Department of Public Health and Environment

Prepared for:

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Project No. 83088
DCN: 83088.3.1.2-ALB10RP002

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Submitted to:

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Prepared for: **Energy Fuels Resources Corporation**
Lakewood, CO

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LIST OF ACRONYMS

AMS	American Meteorological Society
amsl	above mean sea level
APCD	Colorado Department of Public Health and Environment Air Pollution Control Division
AQS	EPA Air Quality System
CASTNET	EPA Clean Air Status and Trends Network
CDPHE	Colorado Department of Public Health and Environment
Energy Fuels	Energy Fuels Resources Corporation
EPA	United States Environmental Protection Agency
g/cm^3	grams per cubic centimeter
IMPROVE	Interagency Monitoring of Protected Visual Environments
km	Kilometers
km^2	square kilometers
lbs/day	pounds per day
NAAQS	National Ambient Air Quality Standards
NED	National Elevation Dataset
^{210}Pb	Lead-210 isotope
pCi/g	picoCuries per gram
pCi/m^2	picoCuries per square meter
PM_{10}	particulate matter less than 10 microns in diameter
proposed facility	proposed Piñon Ridge Mill
proposed facility site	Piñon Ridge Property
^{226}Ra	Radium-226 isotope
^{230}Th	Thorium-230 isotope
tpd	tons per day
tpy	tons per year
TSP	total suspended particulates
^{238}U	Uranium -238 isotope
$\mu g/m^3$	micrograms per meter cubed
USGS	United States Geological Survey

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1.0 INTRODUCTION

This report addresses the impact on a regional scale of particulate emissions from the Energy Fuels Resources Corporation (Energy Fuels) proposed Piñon Ridge Mill located in Montrose County, Colorado. The regional dust analysis was completed in response to questions posed by the Colorado Department of Public Health and Environment (CDPHE) regarding the possible contribution from the operations of the proposed Piñon Ridge Mill to particulate matter concentrations at regional scale distances. Specifically, the CDPHE requested that Energy Fuels evaluate the effect of uncontrolled dust emissions from the tailings cells on regional concentrations and in particular on concentrations and deposition rates in the Telluride area.

In order to respond to the questions posed by CDPHE regarding regional dust, an analysis was conducted of the regional impact of particle deposition from the Piñon Ridge Mill during short-term high wind events. To address the scenario with the hypothetical maximum dust release from the facility, the analysis was based on the period when one of the tailings cells would be at full capacity and dewatered prior to closure.

The analysis addressed emissions of particulate matter less than 10 microns in diameter (PM_{10}). Total suspended particulates (TSP) were not considered because a large fraction of the larger particles would be deposited near the proposed facility and because the Telluride area was formerly recognized as a nonattainment area for PM_{10} prior to 2000 (significantly impacted by wood stoves). The PM_{10} air quality levels modeled from the proposed Piñon Ridge Mill were then compared to PM_{10} background concentrations in the region to elucidate the addition of PM_{10} generated by the proposed facility. The analysis included evaluation of the impacts of the proposed facility's PM_{10} emissions at receptors 25 to 100 kilometers from the proposed facility in the Colorado Rockies where ambient monitoring data are available. Also, PM_{10} emissions from the proposed Piñon Ridge Mill were compared to PM_{10} emissions estimated during regional dust storms. Emissions from the proposed Piñon Ridge Mill in this analysis are consistent with emissions that were calculated in the recent Air Pollution Emission Notice for Permit to Construct (Kleinfelder, 2009a, 2009b, 2010a) and Air Dispersion Modeling Report (Kleinfelder, 2010b), except that one of the tailings cells was considered to be dewatered and without dust mitigation in order to represent a hypothetical worst case scenario.

Because the PM_{10} air dispersion modeling does not include an analysis of radiation impacts, Energy Fuels requested that additional modeling be included in the analysis to quantify potential radiation impacts. Dr. Craig Little completed two analyses using the MILDOS-AREA model. Like the PM_{10} analysis, a "worst case" scenario was assumed in which a 30 acre tailings cell

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was left uncovered with no dust emission controls. Impacts were evaluated at nearby towns ranging from Bedrock, CO to Telluride, CO as detailed in Section 4.

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2.0 SOURCE EMISSIONS AND BACKGROUND DATA

This section summarizes PM_{10} emissions calculated for the proposed facility during the period when a tailings cell would be dewatered before final closure. Background PM_{10} concentration data from several locations in the region and estimates of PM_{10} emissions during regional dust storms are also presented.

2.1 Proposed Tailings Cell Emissions

During normal operations, ore storage piles and tailings cells will be subject to dust suppression and mitigation practices such as application of water or raffinate to maintain higher moisture, thus reducing the particulate emissions due to wind erosion. Each tailings cell will also typically have a water pool covering 20 to 80 percent of its surface. However, before final closure of a tailings cell, the cell would be dewatered prior to placement of the final cap. This dewatering procedure would leave a maximum of one tailings cell at full capacity (approximately 30 acres) without a water cover. The exposed surface would still be sprayed with water or treated with a chemical dust suppressant during this time; however, a dry condition is assumed for worst-case dust modeling purposes.

Three 30 acre tailings cells (A, B, and C) are proposed for the project and will provide tailings containment for the life of the project. The cells will be approximately 70-feet deep and mostly below surface grade. Tailings Cell A will be constructed at the start of operations and used for tailings disposal during the first phase of milling operations. As Tailings Cell A begins to reach capacity, Tailings Cell B will be constructed as a backup or secondary tailings area. When Tailings Cell A is at full capacity, tailings disposal will transfer to Tailings Cell B. At this time, activities for closure of Tailings Cell A, including dewatering, will occur.

Because only one of the 30 acre tailings cells will undergo closure activities at any time, emissions for only one dewatered tailings cell were calculated for this analysis. Potential emissions from wind erosion of exposed, dewatered areas were calculated using the emission factor for wind erosion of exposed areas from AP-42 Section 11.9, Western Surface Coal Mining, Final Section October 1998, consistent with the emission calculations for the Piñon Ridge Air Quality Permit Application. Because wind erosion does not depend on operational schedules, the emissions were calculated over 24 hours per day, 365 days per year. The emissions were calculated assuming no control efficiency (no dust mitigation measures) to determine maximum dust emissions under a worst-case scenario. This assumes the surface of

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the tailings cell is continuously disturbed and does not crust over to form a barrier that would limit scouring of particles from the wind.

The resulting emissions from one tailings cell would be 31.2 pounds per day (lbs/day) or 5.7 tons per year (tpy) of PM_{10}. Appendix A of this report shows the detailed emissions calculations for the dewatered tailings cell. The emissions from the dewatered tailings cell were added to the total controlled proposed facility emissions for 1,000 tons of ore per day (tpd) production rate. The proposed facility is designed to process uranium and vanadium ore at an initial capacity of 500 tpd with future expansion to 1,000 tpd. The mill is proposed to be permitted by the CDPHE Air Pollution Control Division (APCD) for 1,000 tpd to accommodate for the future expansion and to avoid circumvention of air quality rules. Using the 1,000 tpd emission rates adds more conservatism to the modeling effort. The total PM_{10} emissions for the 1,000 tpd facility are 401.29 lbs/day or 71.53 tpy including the dewatered tailings cell. It is worth noting that the majority of the controlled PM_{10} emissions originate from road use within the property, which have natural background levels of radiation.

2.2 Estimated PM_{10} Background Air Quality

The proposed Energy Fuels Piñon Ridge Mill is located along State Highway 90 in Montrose County, Colorado approximately 12 miles west of Naturita and 50 miles south of Grand Junction. The Telluride resort area is about 55 miles southeast of the proposed facility. The proposed facility is located near the eastern end of the Paradox Valley, which is about 20 miles long and 3 to 5 miles wide and oriented approximately west-northwest to south-southeast. The community around the proposed facility is rural with little industrial activity, although there is some mining, quarrying, and oil and gas exploration. Air quality is considered acceptable and is mostly affected by regional dust.

Based on its geographic location, background or pre-project air quality is considered good. In order to estimate local background air quality, PM_{10} concentrations were measured at two locations on the Piñon Ridge Mill site during the period April 2008 through March 2010. Regional background PM_{10} concentration levels were obtained from the United States Environmental Protection Agency (EPA) Air Quality System (AQS). Data from the EPA Clean Air Status and Trends Network (CASTNET) and the Interagency Monitoring of Protected Visual Environments (IMPROVE) were also reviewed. These data can be obtained from the following web sites:

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- http://www.epa.gov/air/data/reports.html
- http://www.epa.gov/castnet
- http://vista.cira.colostate.edu/improve/

AQS is an EPA-sponsored database of air pollutant data collected by state, local, and tribal organizations. CASTNET and IMPROVE are nationwide air quality and meteorological monitoring networks operated to collect rural, regionally representative air pollutant levels.

Piñon Ridge Mill onsite PM_{10} concentrations and AQS data from four sites in Colorado were assembled and analyzed to estimate regional PM_{10} air quality. CASTNET and IMPROVE do not measure total PM_{10} mass concentrations but, instead, measure PM_{10} constituents, e.g., sulfate and nitrate. Data shown in Table 2-1 illustrate local and regional PM_{10} levels. The table shows the concentrations are well within the National Ambient Air Quality Standards (NAAQS) of 150 micrograms per meter cubed ($\mu g/m^3$) for second highest 24-hour values and of 50 $\mu g/m^3$ for annual averages. CASTNET data from nearby sites in Colorado show sulfate and nitrate concentrations of about 1.0 $\mu g/m^3$. These background concentrations are compared to the air dispersion modeling results in Section 4.0 of this report.

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Table 2-1
Recorded PM_{10} Background Concentrations ($\mu g/m^3$)

Location	Year	1st High 24 Hour	2nd High 24 Hour	Annual
Piñon Ridge Mill	4/1/2008-3/31/2009	66	30	10
	4/1/2009-3/31/2010	89	47	10
Telluride, CO	2008	82	78	19
	2007	77	60	19
	2006	69	49	19
Delta, CO	2008	92	64	25
	2007	85	67	26
	2006	53	44	24
Crested Butte, CO	2008	108	99	31
	2007	109	94	30
	2006	100	93	27
Durango, CO	2008	125	59	20
	2007	40	38	19
	2006	47	45	19

2.3 PM_{10} Emissions During Regional Dust Storms in Western U.S.

Dust storms are observed fairly often in the western U.S. when periods of hot, dry, windy weather coincide with disturbances to surface and soil conditions. Windblown dust is of interest because of concerns with soil erosion, driving safety that is affected by poor visibility, PM_{10} air quality, and potentially reduced snow cover and water runoff in the mountains during late spring and summer because of dust deposition causing more rapid melting in early spring. Dust storms and subsequent dust deposition have been reported frequently in the mountains of the Colorado River Basin. Dust produced in the western deserts has been attributed to contributing to early snow melt and reduced runoff (Belnap et al, 2010). Neff and his colleagues (2008) reported that dust fall in the San Juan Mountains was five times heavier than any time in the previous 5,000 years.

The scientific literature includes hundreds of papers on dust storms in the western U.S. Most of these papers deal with the meteorological and surface conditions that are associated with regional scale dust storms. For example, Painter et al (2007) performed isotopic analyses of

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soils collected on the Colorado Plateau and compared the results to dust deposited in the San Juan Mountains. Painter and his colleagues also performed back trajectory wind modeling to identify dust source regions. The isotropic and trajectory analyses and other research led the Painter team to conclude that most of the dust deposited in the San Juan Mountains originated on the Colorado Plateau in northwestern New Mexico and northeastern Arizona over an area of hundreds of thousands of square kilometers (km^2).

Several field studies have also been performed to characterize emissions of particulate matter during dust storms. Although no studies were identified that estimated emissions during dust storms over the Colorado Plateau, results from field campaigns performed by scientists at the Great Basin Unified Air Pollution Control District in California around the dry lake bed at Owens Lake (e.g., Ono et al, 2003) and by the United States Department of Agriculture and university researchers on the Columbia Plateau, Washington (e.g., Kjelgaard et al, 2004) provide useful data to better understand and characterize PM_{10} emissions during periods of windblown dust. Other studies addressed dust and emissions in the Mojave Desert, on the Great Plains in the central U.S., and the Chihuahuan Desert that straddles the Mexico – New Mexico border. To show the relative difference within an expected order of magnitude between the dust emissions generated by the proposed facility and its small geographic footprint versus a typical dust storm in the western U.S., which occurs on a regional scale of tens of thousands of square kilometers, e.g., the southern half of the Colorado Plateau, the PM_{10} emissions estimated for dust storms were compared to emissions from the Piñon Ridge Mill shown in Table 2-2.

The derivation of the regional PM_{10} emission estimates is presented in the reports, papers and other material listed in the Reference section of this report. The field studies at Owens Lake and the Columbia Plateau were based on extensive ambient PM_{10} and meteorological measurements. PM_{10} emissions during dust storms varied from 7,200 tons at Owens Lake to 21,600 tons on the Columbia Plateau on a daily or storm event basis. Twenty-four hour uncontrolled emissions from the tailings cell of the proposed facility are 31.2 lbs/day (0.016 tpd) (Appendix A). Total PM_{10} emissions, including uncontrolled emissions from one 30-acre tailings cell plus controlled emissions elsewhere in the proposed facility, are 401.29 lbs/day (0.20 tpd). Annual PM_{10} emissions from the dry bed at Owens Lake produced during approximately 15 dust storms over the period July 2000 through June 2001 were estimated as 79,200 tpy. Cook and his colleagues (2008) analyzed climatological data in order to investigate dust storms over the Great Plains during the “dust bowl” years of 1932 through 1939. They estimated PM_{10} emissions at 400 million tpy. The projected uncontrolled annual PM_{10} emissions from the dewatered tailings cell are calculated as 5.7 tpy. The total proposed facility annual PM_{10} emissions with the

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dewatered cell are calculated as 71.53 tpy. As this comparison shows, even within an order of magnitude difference in the regional dust storm data, the impacts and geographic extent of dust emissions from the proposed facility are virtually negligible compared to the massive emissions produced during a regional dust storm.

Table 2-2
Estimated Regional PM_{10} Emissions From Dust Storms

Location	Daily or per Event Emissions (tons)	Annual Emissions (tons)	Source
Piñon Ridge Mill	0.016	71.53	Appendix A – Emission Calculations
Owens Lake	7,200	79,200	Ono and Weaver (2003)
Columbia Plateau	21,600	-----	Kjelgaard et al (2004)
Great Plains (1932-39)	-----	400 million	Cook et al (2008)

Note: Daily or per event emissions for the Piñon Ridge Mill are for dewatered tailings cell wind erosion only. Annual emissions from the Piñon Ridge Mill are total facility emissions.

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3.0 AERMOD PM_{10} MODELING

3.1 Model Selection and Justification

The American Meteorological Society (AMS) and EPA sponsored the development of the regulatory dispersion model called AERMOD, which was chosen to assess the potential air quality impacts for the regional dust analysis. AERMOD is an EPA approved guideline model commonly used for assessing source impacts. AERMOD computes concentrations using science-based algorithms and recorded meteorological data and calculates concentration values along a straight path from source to receptor location. AERMOD also takes into account actual terrain effects. Typically, AERMOD is used when receptor locations are within 50 kilometers (km) of the emission source. However, in this simulation AERMOD was applied from the proposed facility location to receptors along a straight line to Telluride. Although other models may account for the effects of mountainous terrain in altering wind flow, AERMOD was selected to provide a conservative approach, e.g., less dispersion along a straight path compared to a curved path. The current EPA approved AERMOD model version 09292 was utilized using BREEZE software (version 7.2). AERMOD input and output files are located in Appendix B of this report.

3.2 Model Setup and Averaging Times

Maximum ground-level predicted concentrations were determined by using AERMOD in the regulatory default mode. As a conservative approach and to account for potential re-entrainment of the dust, particle deposition was not taken into account. The model was set up to calculate 24-hour average concentrations for comparison to the PM_{10} background data. Further, the model was set up to calculate 1-hour average concentrations to determine the highest concentration during the worst case hour meteorological conditions. Because the dust storm events occur over a short duration, annual average impacts were not evaluated.

3.3 Terrain and Land Use

The proposed facility site is located near the eastern end of Paradox Valley. Paradox Valley is approximately 20 miles long and 3 to 5 miles wide, oriented approximately west-northwest to south-southeast. Mesas on either side of the valley rise to more than 2,000 feet above the valley floor. The proposed facility site terrain elevation ranges from approximately 6,000 feet above mean sea level (amsl) to the south to approximately 5,400 feet amsl to the north. Elevations for the receptors, emission source, and hill boundary heights were incorporated into the model by using the AERMAP processor (EPA version 09040) and 10 meter resolution

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National Elevation Dataset (NED) files for the appropriate quadrants available from the United States Geological Survey (USGS). AERMAP processor was implemented through the use of BREEZE software. The USGS quadrants include the following:

- Bull Canyon
- Davis Mesa
- Gray Head
- Gurley Canyon
- Ironton
- Naturita
- Oak Hill
- Telluride.

Rural dispersion coefficients were used in the model as the surrounding areas have mostly rural land use.

3.4 Receptor Locations

Four point receptors at distances of 25, 50, 75, and 100 km from the proposed facility in the direction of Telluride, CO were used in the model. Additionally, one point receptor located at the Town of Telluride (91 km from the proposed facility) was also used in the model. Modeled concentrations were calculated at all five point receptor locations. Figure 1 shows the location of the proposed facility in relation to the five point receptors.

3.5 Meteorology Data

As part of the permitting program for the proposed facility, one year of on-site meteorological data were collected in accordance with the Meteorological Monitoring Guidance (EPA, 2000). This data was acquired from instrumentation on a 10 meter tower located on the proposed facility site. In addition, in accordance with the requirements of the NRC Reg 3.63, a 30 meter tower was also installed at the proposed facility site for separate purposes. Per instruction of the APCD and availability of data, the data from both monitoring sites were merged and processed. The on-site data were compiled with upper air data from the Grand Junction Airport (Weather-Bureau-Army-Navy 23066). The AERMET processor (EPA version 06341) was used to process the data as applicable for AERMOD. The data period covers April 2008 through March 2009 and has a data capture of 99%. This meteorology data was used for the analysis because the actual meteorology conditions of the proposed facility site would most likely contain both high wind (good dispersion) conditions and low wind (poor dispersion) conditions.

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3.6 Emission Sources

All emission sources in the air dispersion model were set up consistent with emission sources in the Air Dispersion Modeling Report for the Piñon Ridge Mill. Tailings Cell A was modeled as the dewatered tailings cell as it will be the first of the three tailings cells to be dewatered and closed.

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4.0 MILDOS-AREA MODELING

To augment the AERMOD PM_{10} modeling regarding the impact on a regional scale of particulate emissions from the proposed Piñon Ridge Mill, calculations were conducted using the MILDOS-AREA model (ANL, 1998; Yuan et al., 1989). This is the same model that was used to estimate potential doses to members of the public from radioactive emissions during operation of the Piñon Ridge Mill (Two Lines, Inc, 2010). The MILDOS-AREA modeling analysis, provided in Appendix C, was provided by Dr. Craig Little of Two Lines, Inc.

4.1 Model Selection

MILDOS-AREA is a Gaussian plume model that utilizes annual average wind rose information. The code does not consider building wake or terrain effects and was not designed for short-term exposures. MILDOS-AREA is accepted by the U.S. Nuclear Regulatory Commission as an adequate tool to calculate potential doses to the general public from proposed and operating uranium recovery facilities. Calculations made by MILDOS-AREA are annual average estimates.

4.2 Meteorology

The input data for the Piñon Ridge Mill site model includes a year of meteorological data measured by recording instruments at the site, as discussed in Section 3.5 above. The data set includes short-term, high-velocity wind events, and are included in the overall data set and not singled out. The meteorological data set is expressed in terms of fractions of the time that wind speeds blow from each of the sixteen ordinal compass directions at various wind speeds and in each of six stability categories. The same meteorology data from the site were used as for the public dose modeling analysis.

4.3 Model Setup

Maximizing assumptions were made for the calculation. A 30 acre tailings cell with no dust control measures was modeled similar to the AERMOD analysis. Based on the average uranium content in the ore of 0.23 percent, radionuclide concentrations in the tailings cell were set at 647 picoCuries per gram (pCi/g) for the progeny of Uranium-238 (^{238}U), including Thorium-230 (^{230}Th), Radium-226 (^{226}Ra), and Lead-210 (^{210}Pb) (Two Lines, Inc, 2010). Concentrations of ^{238}U were set at 25.8 pCi/g, which is consistent with a 96% uranium milling

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efficiency. A second analysis was also completed which included the ore stockpiles as well as the 30 acre tailings cell without dust control measures.

4.4 Receptor Locations

Receptor locations were the same as used for the public dose modeling analysis. Estimates of potential ground concentrations were made for the locations listed in Table 4-1. Receptor locations are shown in Figure 2.

Table 4-1
Locations of Receptors Used in the MILDOS-AREA Model and Distances from the Piñon Ridge Mill

Location	Distance (km)
Bedrock, CO	13.1
Naturita, CO	17.9
Norwood, CO	43.0
Moab, UT	74.8
Montrose, CO	79.9
Telluride, CO	85.3

5.0 RESULTS AND CONCLUSIONS

5.1 AERMOD PM_{10} Model Results

The AERMOD air dispersion model calculated concentrations of PM_{10} at the five receptor locations as described in Section 3.4 of this report. The 24-hour average modeled concentrations for both the total facility and the dewatered tailings cell are presented in Table 5-1. These results represent the air quality impact on the day with the worst case meteorological conditions for dispersion. From the PM_{10} background concentration data presented in Table 2-1, the first high average value from Telluride, CO is 76 µg/m^3. The modeled PM_{10} air quality impact in Telluride, CO from the proposed Piñon Ridge Mill of 0.032 µg/m^3 is very small compared to the existing background concentration.

Table 5-1
24-Hour Averaged PM_{10} AERMOD Air Dispersion Model Results

Receptor Location	Dewatered Tailings Cell Modeled Concentration (µg/m^3)	Total Facility Modeled Concentration (µg/m^3)
Telluride (91 km from proposed facility)	0.0012	0.032
25 km SE from proposed facility	0.0085	0.14
50 km SE from proposed facility	0.0031	0.069
75 km SE from proposed facility	0.0011(1)	0.042
100 km SE from proposed facility	0.00062	0.028

Note: (1) The modeled concentration at the 75 km receptor is less than at the 91 km receptor for the dewatered tailings cell due to terrain effects in the air dispersion model.

The 1-hour average modeled concentrations were also calculated to determine air quality impacts from the worst case hour of meteorology data. The 1-hour average PM_{10} air quality impact at the Telluride receptor is 0.018 µg/m^3 from the dewatered tailings cell alone and 0.76 µg/m^3 from the proposed facility in total with the tailings cell. Even if this worst case meteorological condition were to persist for an entire day, the resulting concentration would again be very small compared to the background concentration at Telluride, CO. Full model results are located in Appendix B in the AERMOD output file.

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The modeled 24-hour concentration of 0.032 µg/m^3 would produce dry particle deposition of approximately 14 µg/m^2 (14 millionths of a gram) per day, based on a dry deposition velocity of 0.5 cm/sec. A PM_{10} concentration of this magnitude persisting for a year would produce an annual estimated deposition of about 0.005 grams per meter squared of dust, less than 1 grain of sand.

Based on these results and as shown in Section 2.3, the PM_{10} emissions from the proposed facility are insignificant compared to PM_{10} emissions estimated during regional dust storms. For example, 24-hour emissions from the proposed facility are 401 lbs/day compared to estimated order of magnitude dust storm emissions of 7,200 tons/day. Similarly, annual emissions are 71.5 tpy from the proposed facility versus an annual aggregated value of 79,000 tpy from dust storms. The difference in scale is due to the fact that the Piñon Ridge Mill's dust emissions are produced by a proposed facility with a very small geographic footprint compared to the large scale (hundreds of square kilometers) source of the regional emissions during a dust storm.

5.2 MILDOS-AREA Model Results

Under the maximizing conditions noted in Section 4.3, the activity per square meter from the proposed facility's dewatered tailings cell that could be deposited annually on each of the locations noted in Section 4.4 is shown in Table 5-2. The activity per square meter from the proposed facility's ore stockpiles and dewatered tailings cell that could be deposited annually on each of the locations noted in Section 4.4 is shown in Table 5-3.

Table 5-2
Ground Concentrations at Each Location from the Piñon Ridge Mill
From the Dewatered Tailings Cell

Location	Ground Concentrations (pCi/m^2)			
	U-238	Th-230	Ra-226	Pb-210
Bedrock	1.49	37.2	37.2	37.2
Naturita	0.254	6.33	6.33	6.33
Norwood	0.038	0.955	0.954	0.954
Moab	0.004	0.100	0.100	0.100
Montrose	0.009	0.225	0.225	0.225
Telluride	0.010	0.259	0.259	0.259

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Table 5-3
Ground Concentrations at Each Location from the Piñon Ridge Mill from the Ore Stockpiles and Dewatered Tailings Cell

Location	Ground Concentrations (pCi/m^2)			
	U-238	Th-230	Ra-226	Pb-210
Bedrock	11.3	55.3	55.3	55.3
Naturita	1.81	9.26	9.26	9.26
Norwood	0.140	1.26	1.26	1.26
Moab	0.017	0.134	0.134	0.134
Montrose	0.033	0.297	0.297	0.297
Telluride	0.036	0.341	0.341	0.341

It is important to note the magnitude of the concentrations presented in Table 5-2 and Table 5-3. For example, ^{226}Ra has a generally agreed upon background of 1 - 2 pCi/g soil. Assuming that soil has a bulk density of 1.2 grams per cubic centimeter (g/cm^3), then a square meter of soil with a 15 centimeter depth contains approximately 180,000 grams (approximately 400 pounds) of soil. At background concentrations of 1 - 2 pCi/g, this means that there are approximately 180,000 – 360,000 pCi of ^{226}Ra in each square meter of soil at each location without the influence of the Piñon Ridge Mill. Based on the results shown in Table 5-3, Bedrock, the location with the highest modeled annual deposition, would have its ^{226}Ra concentration in the top 15 cm (6 inches) of soil increased from a low background value of 180,000 pCi/m^2 to 180,055 pCI/m^2, an increase of only 3 ten-thousandths from the annual deposition modeled. For more distant locations such as Telluride, the contribution from the Piñon Ridge Mill would add only about two one-millionths ($1.9x10^{-6}$ pCi/m^2) to the existing ^{226}Ra background.

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6.0 LIMITATIONS

Kleinfelder's services were performed in accordance with generally accepted standards of care that exist in the geographic area of the air quality services at the time the services were performed. The scope of services performed was in accordance with the scope of work agreed with our client, as set forth in our proposal. Kleinfelder makes no warranties, express or implied, as to the services performed hereunder beyond those provided for in the authorizing agreement. Additionally, Kleinfelder does not warrant the work of third parties supplying information used in the report.

Kleinfelder offers various levels of investigative and engineering services to suit the varying needs of different clients. It should be recognized that definition and evaluation of environmental conditions are a difficult and inexact science. Judgments leading to conclusions and recommendations are generally made with incomplete knowledge of the conditions present. Although risk can never be eliminated, more detailed and extensive studies yield more information, which may help understand and manage the level(s) of risk. Since detailed study and analysis involves greater expense, our clients participate in determining levels of service that provide adequate information for their purposes at acceptable levels of risk. More extensive studies, including periodic studies or field tests, should be performed, if reduced uncertainties are desired.

Regulations and professional standards applicable to Kleinfelder's services are continually evolving. Techniques are, by necessity, often new and relatively untried. Different professionals may reasonably adopt different approaches to similar problems. As such, our services are intended to provide our client with a source of professional advice, opinions and recommendations based on a limited number of field observations and tests, collected and performed in accordance with the generally accepted practice that exists at the time, and may depend on, and be qualified by, information gathered previously by others and provided to Kleinfelder by our client.

All information gathered by Kleinfelder is considered confidential and will be released only upon written directive from our client or as required by law. Findings set forth in this assessment are based upon readily available information. Kleinfelder's findings are based solely upon data generated by Kleinfelder or available to Kleinfelder at the time of our services.

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The parameters utilized within the air dispersion models as part of these services represent our understanding of proposed facility conditions. Changes to these parameters would produce results that differ from those presented here. We cannot guarantee the accuracy of third party information nor that future system designs will comply with the parameters outlined in this study.

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FIGURES

Figure 1 – Regional Receptor Locations for AERMOD Analysis

Figure 2 – Locations for MILDOS Analysis

0 6 12 24

APPROXIMATE SCALE IN KILOMETERS

N

NOTE:
BASE IMAGE WAS OBTAINED FROM ESRI ARCGIS EXPLORER, SOURCE USGS.

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Project Number:	83088-3.1.2
Date:	October, 2010
Drawn By:	T. McKenney
Reviewed By:	M. Steyskal
File Name:	83088-3.1.2_cad.dwg

Regional Receptor Locations for AERMOD Analysis

Energy Fuels Resources Corporation
Piñon Ridge Mill Facility
Montrose County, Colorado

FIGURE

1

NOTE:
BASE IMAGE WAS OBTAINED FROM ESRI ARCGIS EXPLORER, SOURCE USGS.

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Project Number:	83088-3.1.2
Date:	October, 2010
Drawn By:	T. McKenney
Reviewed By:	M. Steyskal
File Name:	83088-3.1.2_cad.dwg

Locations for MILDOS Analysis

Energy Fuels Resources Corporation
Piñon Ridge Mill Facility
Montrose County, Colorado

FIGURE
2

Appendix A
Wind Erosion Emission Calculations

Tailings Cells Wind Erosion - Dewatered Condition During Closure

Wind Erosion

AP-42 Section 11.9 Western Surface Coal Mining, Final Section, August 1982.

Emission Factor: **0.38 tons PM/acre-year** Table 11.9-4

Operating Parameters:

Size of each Tailing Cell	30	acres
Maximum Daily Exposed, Dewatered Area	30	acres
Wind Erosion hours per day	24	hours/day
Wind Erosion days per year	365	days/year

Emission Factor Parameters:

Control Efficiency [1]	CE	0%

		PM	PM_{10}	$PM_{2.5}$	Reference
Particle Size Multipliers	k	1	0.5	0.075	Table on page 13.2.5-3

Emission Factors:

		PM	PM_{10} [2,3]	$PM_{2.5}$ [2,3]	Reference
Emission Factor (ton/acre-year)	EF	0.38	0.19	0.0285	Table 11.9-4

Notes:
1. No control measures taken during tailings cell closure activities.
2. No emission factor for PM_{10} or $PM_{2.5}$ listed in Table 11.9-4.
3. PM_{10} and $PM_{2.5}$ Emission Factors calculated using a ratio of k factors from AP-42, Section 13.2.5, Industrial Wind Erosion, and applying the k factors to the PM emission factor from Section 11.9.

Emissions:

PM		**Uncontrolled**		
Source ID	Emission Source	(lb/hr)	(lb/day)	(ton/yr)
WIND	Dewatered Tailings Cell	2.60	62.47	11.40

PM_{10}		**Uncontrolled**		
Source ID	Emission Source	(lb/hr)	(lb/day)	(ton/yr)
WIND	Dewatered Tailings Cell	1.30	31.23	5.70

$PM_{2.5}$		**Uncontrolled**		
Source ID	Emission Source	(lb/hr)	(lb/day)	(ton/yr)
WIND	Dewatered Tailings Cell	0.20	4.68	0.86

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Appendix B
AERMOD Input and Output Files

```
** BREEZE AERMOD
** Trinity Consultants
** VERSION  7.2

CO STARTING
CO TITLEONE  Energy Fuels Pinon Ridge Mill - Telluride Receptor
CO TITLETWO  PM10 - April 2008 to March 2009 Met Data - Dewatered Tailings Cell
CO MODELOPT  DFAULT  CONC
CO RUNORNOT  RUN
CO AVERTIME  1  24
CO POLLUTID  OTHER
CO FINISHED

SO STARTING
SO ELEVUNIT  METERS
SO LOCATION  110STK01  POINT     695281.2  4235601.2  1690.37
** SRCDESCR  Feed System Baghouse
SO LOCATION  120DCS01  POINT     695224.5  4235598.9  1691.06
** SRCDESCR  SAG Mill Dust Scrubber
SO LOCATION  730GHS01  POINT     695096.9  4235595.6  1689.83
** SRCDESCR  Vanadium Precip Stack
SO LOCATION  730GHS02  POINT     695096.7  4235603.4  1689.95
** SRCDESCR  Vanadium Packaging Stack
SO LOCATION  1000SG01  POINT     695238.3  4235588.5  1691.06
** SRCDESCR  Standby Generator
SO LOCATION  1000SG02  POINT     695238.3  4235589.5  1691.04
** SRCDESCR  Standby Generator
SO LOCATION  910PPL01  POINT     695119.2  4235629.3  1690.63
** SRCDESCR  Fire Water Pump
SO LOCATION  920STK01  POINT     695237.1  4235613.3  1690.64
** SRCDESCR  Boiler Stack
SO LOCATION  PMAIN1    AREA      695814.1  4237167.5  1653.76
** SRCDESCR  Paved Haul Road 1
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** SRCDESCR  Unpaved Haul Road 19
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** SRCDESCR  Unpaved Security Road 58
SO LOCATION  SECRD59   AREA      695556.2701  4237115.815  1659.34
** SRCDESCR  Unpaved Security Road 59
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** SRCDESCR  Unpaved Security Road 60
SO LOCATION  SECRD61   AREA      695495.3402  4237117.73  1657.79
** SRCDESCR  Unpaved Security Road 61
SO LOCATION  SECRD62   AREA      695464.8752  4237118.687  1657.23
** SRCDESCR  Unpaved Security Road 62
SO LOCATION  SECRD63   AREA      695434.4102  4237119.644  1656.71
** SRCDESCR  Unpaved Security Road 63
SO LOCATION  SECRD64   AREA      695403.9453  4237120.602  1656.32
** SRCDESCR  Unpaved Security Road 64
SO LOCATION  SECRD65   AREA      695373.4803  4237121.559  1656.22
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** SRCDESCR  Unpaved Security Road 66
SO LOCATION  SECRD67   AREA      695312.5504  4237123.474  1657.01
** SRCDESCR  Unpaved Security Road 67
SO LOCATION  SECRD68   AREA      695282.0854  4237124.431  1657.64
** SRCDESCR  Unpaved Security Road 68
SO LOCATION  SECRD69   AREA      695251.6205  4237125.389  1658.11
** SRCDESCR  Unpaved Security Road 69
SO LOCATION  SECRD70   AREA      695221.1555  4237126.346  1658.30
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** SRCDESCR  Unpaved Security Road 71
SO LOCATION  SECRD72   AREA      695160.2256  4237128.261  1658.51
** SRCDESCR  Unpaved Security Road 72
SO LOCATION  SECRD73   AREA      695129.7606  4237129.218  1658.36
** SRCDESCR  Unpaved Security Road 73
SO LOCATION  SECRD74   AREA      695099.2957  4237130.176  1658.07
** SRCDESCR  Unpaved Security Road 74
SO LOCATION  SECRD75   AREA      695068.8307  4237131.133  1657.69
** SRCDESCR  Unpaved Security Road 75
SO LOCATION  SECRD76   AREA      695038.3658  4237132.091  1657.23
** SRCDESCR  Unpaved Security Road 76
SO LOCATION  SECRD77   AREA      695007.9008  4237133.048  1656.77
** SRCDESCR  Unpaved Security Road 77
SO LOCATION  SECRD78   AREA      694977.4358  4237134.005  1656.27
** SRCDESCR  Unpaved Security Road 78
SO LOCATION  SECRD79   AREA      694946.9709  4237134.963  1655.76
** SRCDESCR  Unpaved Security Road 79
SO LOCATION  SECRD80   AREA      694916.5059  4237135.92  1655.25
** SRCDESCR  Unpaved Security Road 80
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** SRCDESCR  Unpaved Security Road 81
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** SRCDESCR  Unpaved Security Road 84
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** SRCDESCR  Unpaved Security Road 86
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** SRCDESCR  Unpaved Security Road 87
SO LOCATION  SECRD88   AREA      694670.8  4237145.2  1651.33
** SRCDESCR  Unpaved Security Road 88
SO LOCATION  SECRD89   AREA      694645.2  4237127  1652.08
** SRCDESCR  Unpaved Security Road 89
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** SRCDESCR  Unpaved Security Road 90
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** SRCDESCR  Unpaved Security Road 91
SO LOCATION  SECRD92   AREA      694643.7637  4237035.571  1653.49
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** SRCDESCR  Unpaved Security Road 93
SO LOCATION  SECRD94   AREA      694642.8062  4236974.619  1654.22
** SRCDESCR  Unpaved Security Road 94
SO LOCATION  SECRD95   AREA      694642.3274  4236944.143  1654.58
** SRCDESCR  Unpaved Security Road 95
SO LOCATION  SECRD96   AREA      694641.5296  4236913.673  1654.93
** SRCDESCR  Unpaved Security Road 96
SO LOCATION  SECRD97   AREA      694640.7317  4236883.203  1655.36
** SRCDESCR  Unpaved Security Road 97
SO LOCATION  SECRD98   AREA      694639.9338  4236852.734  1655.90
** SRCDESCR  Unpaved Security Road 98
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** SRCDESCR  Unpaved Security Road 99
SO LOCATION  SECRD100  AREA      694638.3381  4236791.795  1657.15
** SRCDESCR  Unpaved Security Road 100
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** SRCDESCR  Unpaved Security Road 101
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** SRCDESCR  Unpaved Security Road 102
SO LOCATION  SECRD103  AREA      694651  4236702.5  1659.37
** SRCDESCR  Unpaved Security Road 103
SO LOCATION  SECRD104  AREA      694681.4788  4236702.234  1659.52
** SRCDESCR  Unpaved Security Road 104
SO LOCATION  SECRD105  AREA      694711.9577  4236701.968  1659.82
** SRCDESCR  Unpaved Security Road 105
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** SRCDESCR  Unpaved Security Road 106
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** SRCDESCR  Unpaved Security Road 107
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** SRCDESCR  Unpaved Security Road 108
SO LOCATION  SECRD109  AREA      694823.5  4236700.9  1659.64
** SRCDESCR  Unpaved Security Road 109
SO LOCATION  SECRD110  AREA      694834  4236693.7  1659.85
** SRCDESCR  Unpaved Security Road 110
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** SRCDESCR  Unpaved Security Road 111
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** SRCDESCR  Unpaved Security Road 112
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** SRCDESCR  Unpaved Security Road 113
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** SRCDESCR  Unpaved Security Road 114
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** SRCDESCR  Unpaved Security Road 115
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** SRCDESCR  Unpaved Security Road 116
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** SRCDESCR  Unpaved Security Road 117
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** SRCDESCR  Unpaved Security Road 119
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** SRCDESCR  Unpaved Security Road 120
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** SRCDESCR  Unpaved Security Road 121
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** SRCDESCR  Unpaved Security Road 122
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** SRCDESCR  Unpaved Security Road 123
SO LOCATION  SECRD124  AREA      694833.6337  4236287.37  1670.05
** SRCDESCR  Unpaved Security Road 124
SO LOCATION  SECRD125  AREA      694833.421  4236256.89  1671.12
** SRCDESCR  Unpaved Security Road 125
SO LOCATION  SECRD126  AREA      694833.2082  4236226.411  1671.76
** SRCDESCR  Unpaved Security Road 126
SO LOCATION  SECRD127  AREA      694832.9954  4236195.932  1672.04
** SRCDESCR  Unpaved Security Road 127
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** SRCDESCR  Unpaved Security Road 128
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** SRCDESCR  Unpaved Security Road 129
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** SRCDESCR  Unpaved Security Road 130
SO LOCATION  SECRD131  AREA      694832.1442  4236074.015  1672.27
** SRCDESCR  Unpaved Security Road 131
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** SRCDESCR  Unpaved Security Road 132
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** SRCDESCR  Unpaved Security Road 133
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** SRCDESCR  Unpaved Security Road 134
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** SRCDESCR  Unpaved Security Road 135
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** SRCDESCR  Unpaved Security Road 136
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** SRCDESCR  Unpaved Security Road 137
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** SRCDESCR  Unpaved Security Road 138
SO LOCATION  SECRD139  AREA      694877.666  4235840.693  1677.83
** SRCDESCR  Unpaved Security Road 139
SO LOCATION  SECRD140  AREA      694891.5  4235817.8  1678.24
** SRCDESCR  Unpaved Security Road 140
SO LOCATION  SECRD141  AREA      694904.7  4235811.1  1678.76
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** SRCDESCR  Unpaved Security Road 141
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** SRCDESCR  Unpaved Security Road 142
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** SRCDESCR  Unpaved Security Road 143
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** SRCDESCR  Unpaved Security Road 144
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** SRCDESCR  Unpaved Security Road 145
SO LOCATION  SECRD146  AREA      695056.8609  4235802.566  1683.35
** SRCDESCR  Unpaved Security Road 146
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** SRCDESCR  Unpaved Security Road 148
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** SRCDESCR  Unpaved Security Road 149
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** SRCDESCR  Unpaved Security Road 150
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** SRCDESCR  Unpaved Security Road 151
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** SRCDESCR  Unpaved Security Road 152
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** SRCDESCR  Unpaved Monitoring Road 1
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** SRCDESCR  Unpaved Monitoring Road 2
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** SRCDESCR  Unpaved Monitoring Road 3
SO LOCATION  MONRD4    AREA      695470.9  4235350.9  1697.89
** SRCDESCR  Unpaved Monitoring Road 4
SO LOCATION  MONRD5    AREA      695451  4235327.3  1698.90
** SRCDESCR  Unpaved Monitoring Road 5
SO LOCATION  MONRD6    AREA      695427.8  4235306.9  1699.85
** SRCDESCR  Unpaved Monitoring Road 6
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** SRCDESCR  Unpaved Monitoring Road 7
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** SRCDESCR  Unpaved Monitoring Road 8
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** SRCDESCR  Unpaved Monitoring Road 10
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** SRCDESCR  Unpaved Monitoring Road 11
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** SRCDESCR  Unpaved Monitoring Road 12
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** SRCDESCR  Unpaved Monitoring Road 13
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** SRCDESCR  Unpaved Monitoring Road 14
SO LOCATION  MONRD15   AREA      695157.6  4235300.3  1702.81
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** SRCDESCR  Unpaved Monitoring Road 16
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** SRCDESCR  Unpaved Monitoring Road 17
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SO LOCATION  MONRD22   AREA      694946.8  4235346.5  1701.83
** SRCDESCR  Unpaved Monitoring Road 22
SO LOCATION  MONRD23   AREA      694916.5  4235352.2  1702.14
** SRCDESCR  Unpaved Monitoring Road 23
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** SRCDESCR  Unpaved Monitoring Road 24
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SO LOCATION  MONRD25   AREA      694855.5  4235361.5  1700.99
** SRCDESCR  Unpaved Monitoring Road 25
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** SRCDESCR  Unpaved Monitoring Road 29
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** SRCDESCR  Unpaved Monitoring Road 31
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** SRCDESCR  Unpaved Monitoring Road 32
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** SRCDESCR  Unpaved Monitoring Road 33
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** SRCDESCR  Unpaved Monitoring Road 36
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** SRCDESCR  Unpaved Monitoring Road 38
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** SRCDESCR  Unpaved Monitoring Road 40
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** SRCDESCR  Unpaved Monitoring Road 42
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** SRCDESCR  Unpaved Monitoring Road 44
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** SRCDESCR  Unpaved Monitoring Road 48
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** SRCDESCR  Unpaved Monitoring Road 50
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** SRCDESCR  Unpaved Monitoring Road 52
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SO LOCATION  MONRD54   AREA      694359.9  4235914.8  1683.72
** SRCDESCR  Unpaved Monitoring Road 54
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** SRCDESCR  Unpaved Monitoring Road 57
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** SRCDESCR  Unpaved Monitoring Road 59
SO LOCATION  MONRD60   AREA      694369.9  4236099.6  1676.53
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** SRCDESCR  Unpaved Monitoring Road 60
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** SRCDESCR  Unpaved Monitoring Road 61
SO LOCATION  MONRD62   AREA      694378.5928  4236160.317  1673.16
** SRCDESCR  Unpaved Monitoring Road 62
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** SRCDESCR  Unpaved Monitoring Road 63
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** SRCDESCR  Unpaved Monitoring Road 64
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** SRCDESCR  Unpaved Monitoring Road 65
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** SRCDESCR  Unpaved Monitoring Road 66
SO LOCATION  MONRD67   AREA      694407.1417  4236309.973  1669.37
** SRCDESCR  Unpaved Monitoring Road 67
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** SRCDESCR  Unpaved Monitoring Road 68
SO LOCATION  MONRD69   AREA      694415.6257  4236370.339  1667.41
** SRCDESCR  Unpaved Monitoring Road 69
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** SRCDESCR  Unpaved Monitoring Road 70
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** SRCDESCR  Unpaved Monitoring Road 71
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** SRCDESCR  Unpaved Monitoring Road 72
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** SRCDESCR  Unpaved Monitoring Road 73
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** SRCDESCR  Unpaved Monitoring Road 74
SO LOCATION  MONRD75   AREA      694440.5503  4236551.509  1661.90
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SO LOCATION  MONRD76   AREA      694444.5  4236582  1660.82
** SRCDESCR  Unpaved Monitoring Road 76
SO LOCATION  MONRD77   AREA      694452.6  4236611.8  1659.66
** SRCDESCR  Unpaved Monitoring Road 77
SO LOCATION  MONRD78   AREA      694463.7  4236640.2  1658.73
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SO LOCATION  MONRD79   AREA      694477.5  4236667.7  1657.92
** SRCDESCR  Unpaved Monitoring Road 79
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** SRCDESCR  Unpaved Monitoring Road 85
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** SRCDESCR  Unpaved Monitoring Road 86
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** SRCDESCR  Unpaved Monitoring Road 87
SO LOCATION  MONRD88   AREA      694525.7851  4236912.174  1654.08
** SRCDESCR  Unpaved Monitoring Road 88
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** SRCDESCR  Unpaved Monitoring Road 89
SO LOCATION  MONRD90   AREA      694526.9554  4236973.123  1653.53
** SRCDESCR  Unpaved Monitoring Road 90
SO LOCATION  MONRD91   AREA      694527.5406  4237003.598  1653.26
** SRCDESCR  Unpaved Monitoring Road 91
SO LOCATION  MONRD92   AREA      694528.1257  4237034.072  1653.21
** SRCDESCR  Unpaved Monitoring Road 92
SO LOCATION  MONRD93   AREA      694528.7108  4237064.546  1652.96
** SRCDESCR  Unpaved Monitoring Road 93
SO LOCATION  MONRD94   AREA      694529.296  4237095.021  1652.70
** SRCDESCR  Unpaved Monitoring Road 94
SO LOCATION  MONRD95   AREA      694529.8811  4237125.495  1653.30
** SRCDESCR  Unpaved Monitoring Road 95
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SO LOCATION  MONRD96   AREA      694530.3  4237156.3  1653.57
** SRCDESCR  Unpaved Monitoring Road 96
SO LOCATION  MONRD97   AREA      694533.1155  4237186.65  1653.10
** SRCDESCR  Unpaved Monitoring Road 97
SO LOCATION  MONRD98   AREA      694535.9309  4237216.999  1652.10
** SRCDESCR  Unpaved Monitoring Road 98
SO LOCATION  MONRD99   AREA      694538.7464  4237247.349  1650.72
** SRCDESCR  Unpaved Monitoring Road 99
SO LOCATION  MONRD100  AREA      694541.7  4237277.9  1649.61
** SRCDESCR  Unpaved Monitoring Road 100
SO LOCATION  MONRD101  AREA      694548.3  4237308.2  1648.95
** SRCDESCR  Unpaved Monitoring Road 101
SO LOCATION  MONRD102  AREA      694552.8  4237311.2  1648.91
** SRCDESCR  Unpaved Monitoring Road 102
SO LOCATION  MONRD103  AREA      694583.251  4237309.87  1649.17
** SRCDESCR  Unpaved Monitoring Road 103
SO LOCATION  MONRD104  AREA      694613.702  4237308.541  1649.35
** SRCDESCR  Unpaved Monitoring Road 104
SO LOCATION  MONRD105  AREA      694644.153  4237307.211  1649.59
** SRCDESCR  Unpaved Monitoring Road 105
SO LOCATION  MONRD106  AREA      694674.604  4237305.882  1649.95
** SRCDESCR  Unpaved Monitoring Road 106
SO LOCATION  MONRD107  AREA      694705.0549  4237304.552  1650.62
** SRCDESCR  Unpaved Monitoring Road 107
SO LOCATION  MONRD108  AREA      694735.5059  4237303.223  1651.29
** SRCDESCR  Unpaved Monitoring Road 108
SO LOCATION  MONRD109  AREA      694765.9569  4237301.893  1651.95
** SRCDESCR  Unpaved Monitoring Road 109
SO LOCATION  MONRD110  AREA      694796.4079  4237300.564  1652.57
** SRCDESCR  Unpaved Monitoring Road 110
SO LOCATION  MONRD111  AREA      694827.1  4237299.3  1653.14
** SRCDESCR  Unpaved Monitoring Road 111
SO LOCATION  MONRD112  AREA      694857.58  4237299.3  1653.72
** SRCDESCR  Unpaved Monitoring Road 112
SO LOCATION  MONRD113  AREA      694888.06  4237299.3  1654.29
** SRCDESCR  Unpaved Monitoring Road 113
SO LOCATION  MONRD114  AREA      694918.54  4237299.3  1654.82
** SRCDESCR  Unpaved Monitoring Road 114
SO LOCATION  MONRD115  AREA      694949.3  4237297.9  1655.47
** SRCDESCR  Unpaved Monitoring Road 115
SO LOCATION  MONRD116  AREA      694979.7632  4237296.889  1656.26
** SRCDESCR  Unpaved Monitoring Road 116
SO LOCATION  MONRD117  AREA      695010.2265  4237295.879  1657.12
** SRCDESCR  Unpaved Monitoring Road 117
SO LOCATION  MONRD118  AREA      695040.6897  4237294.868  1657.90
** SRCDESCR  Unpaved Monitoring Road 118
SO LOCATION  MONRD119  AREA      695071.4  4237293.9  1658.51
** SRCDESCR  Unpaved Monitoring Road 119
SO LOCATION  MONRD120  AREA      695102.1  4237294.6  1658.92
** SRCDESCR  Unpaved Monitoring Road 120
SO LOCATION  MONRD121  AREA      695133.4  4237296.1  1659.28
** SRCDESCR  Unpaved Monitoring Road 121
SO LOCATION  MONRD122  AREA      695151  4237303  1659.50
** SRCDESCR  Unpaved Monitoring Road 122
SO LOCATION  MONRD123  AREA      695161.2  4237318.7  1659.89
** SRCDESCR  Unpaved Monitoring Road 123
SO LOCATION  MONRD124  AREA      695164.4  4237349.4  1660.42
** SRCDESCR  Unpaved Monitoring Road 124
SO LOCATION  MONRD125  AREA      695165.4637  4237379.861  1660.85
** SRCDESCR  Unpaved Monitoring Road 125
SO LOCATION  MONRD126  AREA      695166.5275  4237410.323  1661.24
** SRCDESCR  Unpaved Monitoring Road 126
SO LOCATION  MONRD127  AREA      695167.5912  4237440.784  1661.59
** SRCDESCR  Unpaved Monitoring Road 127
SO LOCATION  MONRD128  AREA      695168.6549  4237471.246  1661.91
** SRCDESCR  Unpaved Monitoring Road 128
SO LOCATION  MONRD129  AREA      695170.5  4237502.1  1662.08
** SRCDESCR  Unpaved Monitoring Road 129
SO LOCATION  MONRD130  AREA      695168.8  4237531.7  1661.51
** SRCDESCR  Unpaved Monitoring Road 130
SO LOCATION  MONRD131  AREA      695198.2  4237523.3  1663.61
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** SRCDESCR  Unpaved Monitoring Road 131
SO LOCATION  MONRD132  AREA      695225.6  4237513.5  1664.57
** SRCDESCR  Unpaved Monitoring Road 132
SO LOCATION  MONRD133  AREA      695234.3  4237500.6  1664.39
** SRCDESCR  Unpaved Monitoring Road 133
SO LOCATION  MONRD134  AREA      695236.4  4237479  1663.70
** SRCDESCR  Unpaved Monitoring Road 134
SO LOCATION  MONRD135  AREA      695232  4237448.7  1662.62
** SRCDESCR  Unpaved Monitoring Road 135
SO LOCATION  MONRD136  AREA      695225.4  4237420.4  1661.83
** SRCDESCR  Unpaved Monitoring Road 136
SO LOCATION  MONRD137  AREA      695251.3327  4237404.384  1661.25
** SRCDESCR  Unpaved Monitoring Road 137
SO LOCATION  MONRD138  AREA      695277.2654  4237388.367  1660.52
** SRCDESCR  Unpaved Monitoring Road 138
SO LOCATION  MONRD139  AREA      695303.1982  4237372.351  1659.49
** SRCDESCR  Unpaved Monitoring Road 139
SO LOCATION  MONRD140  AREA      695329.1309  4237356.334  1658.33
** SRCDESCR  Unpaved Monitoring Road 140
SO LOCATION  MONRD141  AREA      695355.3  4237340.3  1656.94
** SRCDESCR  Unpaved Monitoring Road 141
SO LOCATION  MONRD142  AREA      695382.1117  4237325.803  1655.52
** SRCDESCR  Unpaved Monitoring Road 142
SO LOCATION  MONRD143  AREA      695408.9234  4237311.306  1654.13
** SRCDESCR  Unpaved Monitoring Road 143
SO LOCATION  MONRD144  AREA      695435.7351  4237296.809  1653.04
** SRCDESCR  Unpaved Monitoring Road 144
SO LOCATION  MONRD145  AREA      695462.3  4237281.2  1652.58
** SRCDESCR  Unpaved Monitoring Road 145
SO LOCATION  MONRD146  AREA      695488.8807  4237266.284  1652.58
** SRCDESCR  Unpaved Monitoring Road 146
SO LOCATION  MONRD147  AREA      695515.4613  4237251.367  1653.00
** SRCDESCR  Unpaved Monitoring Road 147
SO LOCATION  MONRD148  AREA      695541.9  4237235.7  1654.15
** SRCDESCR  Unpaved Monitoring Road 148
SO LOCATION  MONRD149  AREA      695567.999  4237219.956  1655.65
** SRCDESCR  Unpaved Monitoring Road 149
SO LOCATION  MONRD150  AREA      695594.098  4237204.212  1657.13
** SRCDESCR  Unpaved Monitoring Road 150
SO LOCATION  MONRD151  AREA      695620.1971  4237188.468  1658.31
** SRCDESCR  Unpaved Monitoring Road 151
SO LOCATION  MONRD152  AREA      695646.2961  4237172.724  1659.30
** SRCDESCR  Unpaved Monitoring Road 152
SO LOCATION  MONRD153  AREA      695672.3951  4237156.98  1659.51
** SRCDESCR  Unpaved Monitoring Road 153
SO LOCATION  MONRD154  AREA      695698.2  4237140.5  1658.79
** SRCDESCR  Unpaved Monitoring Road 154
SO LOCATION  MONRD155  AREA      695723.4988  4237123.5  1657.32
** SRCDESCR  Unpaved Monitoring Road 155
SO LOCATION  MONRD156  AREA      695748.7975  4237106.5  1655.58
** SRCDESCR  Unpaved Monitoring Road 156
SO LOCATION  MONRD157  AREA      695788.9  4237111.1  1653.46
** SRCDESCR  Unpaved Monitoring Road 157
SO LOCATION  MONRD158  AREA      695802.4  4237103.5  1653.26
** SRCDESCR  Unpaved Monitoring Road 158
SO LOCATION  MONRD159  AREA      695817.3  4237104.3  1653.45
** SRCDESCR  Unpaved Monitoring Road 159
SO LOCATION  MONRD160  AREA      695829.1  4237111.6  1653.65
** SRCDESCR  Unpaved Monitoring Road 160
SO LOCATION  MONRD161  AREA      695841.5  4237122.7  1653.83
** SRCDESCR  Unpaved Monitoring Road 161
SO LOCATION  MONRD162  AREA      695860.7  4237126.6  1654.40
** SRCDESCR  Unpaved Monitoring Road 162
SO LOCATION  MONRD163  AREA      695881.1  4237118.3  1655.25
** SRCDESCR  Unpaved Monitoring Road 163
SO LOCATION  MONRD164  AREA      695903.9  4237098.1  1656.38
** SRCDESCR  Unpaved Monitoring Road 164
SO LOCATION  MONRD165  AREA      695917.2  4237074.5  1657.26
** SRCDESCR  Unpaved Monitoring Road 165
SO LOCATION  MONRD166  AREA      695926.4  4237045.4  1657.72
** SRCDESCR  Unpaved Monitoring Road 166
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SO LOCATION  MONRD167  AREA      695927.8  4237040.6  1657.74
** SRCDESCR  Unpaved Monitoring Road 167
SO LOCATION  MONRD168  AREA      695927.9  4237009.8  1657.88
** SRCDESCR  Unpaved Monitoring Road 168
SO LOCATION  MONRD169  AREA      695926.8  4236979.2  1658.33
** SRCDESCR  Unpaved Monitoring Road 169
SO LOCATION  MONRD170  AREA      695924.8  4236948.6  1659.04
** SRCDESCR  Unpaved Monitoring Road 170
SO LOCATION  MONRD171  AREA      695923.6831  4236918.14  1660.15
** SRCDESCR  Unpaved Monitoring Road 171
SO LOCATION  MONRD172  AREA      695922.5662  4236887.681  1661.91
** SRCDESCR  Unpaved Monitoring Road 172
SO LOCATION  MONRD173  AREA      695920.8  4236856.9  1664.05
** SRCDESCR  Unpaved Monitoring Road 173
SO LOCATION  MONRD174  AREA      695919.1  4236826.3  1665.60
** SRCDESCR  Unpaved Monitoring Road 174
SO LOCATION  MONRD175  AREA      695917.9  4236795.6  1665.37
** SRCDESCR  Unpaved Monitoring Road 175
SO LOCATION  MONRD176  AREA      695916.3  4236764.9  1665.34
** SRCDESCR  Unpaved Monitoring Road 176
SO LOCATION  MONRD177  AREA      695915.0236  4236734.447  1666.10
** SRCDESCR  Unpaved Monitoring Road 177
SO LOCATION  MONRD178  AREA      695913.7473  4236703.993  1666.71
** SRCDESCR  Unpaved Monitoring Road 178
SO LOCATION  MONRD179  AREA      695912.4709  4236673.54  1667.46
** SRCDESCR  Unpaved Monitoring Road 179
SO LOCATION  MONRD180  AREA      695911.1945  4236643.087  1668.52
** SRCDESCR  Unpaved Monitoring Road 180
SO LOCATION  MONRD181  AREA      695909.9182  4236612.634  1669.35
** SRCDESCR  Unpaved Monitoring Road 181
SO LOCATION  MONRD182  AREA      695908  4236581.8  1670.11
** SRCDESCR  Unpaved Monitoring Road 182
SO LOCATION  MONRD183  AREA      695905.4  4236551.1  1670.79
** SRCDESCR  Unpaved Monitoring Road 183
SO LOCATION  MONRD184  AREA      695903.1  4236520.4  1671.40
** SRCDESCR  Unpaved Monitoring Road 184
SO LOCATION  MONRD185  AREA      695898.1  4236490  1671.63
** SRCDESCR  Unpaved Monitoring Road 185
SO LOCATION  MONRD186  AREA      695888.8  4236460.6  1671.69
** SRCDESCR  Unpaved Monitoring Road 186
SO LOCATION  MONRD187  AREA      695879.9  4236431  1671.50
** SRCDESCR  Unpaved Monitoring Road 187
SO LOCATION  MONRD188  AREA      695869.6  4236402  1671.27
** SRCDESCR  Unpaved Monitoring Road 188
SO LOCATION  MONRD189  AREA      695857.7  4236373.7  1671.16
** SRCDESCR  Unpaved Monitoring Road 189
SO LOCATION  MONRD190  AREA      695846  4236345.2  1671.47
** SRCDESCR  Unpaved Monitoring Road 190
SO LOCATION  MONRD191  AREA      695834  4236316.8  1671.56
** SRCDESCR  Unpaved Monitoring Road 191
SO LOCATION  MONRD192  AREA      695824.4  4236294.8  1671.78
** SRCDESCR  Unpaved Monitoring Road 192
SO LOCATION  MONRD193  AREA      695793.9675  4236296.501  1671.40
** SRCDESCR  Unpaved Monitoring Road 193
SO LOCATION  MONRD194  AREA      695763.5351  4236298.203  1671.81
** SRCDESCR  Unpaved Monitoring Road 194
SO LOCATION  MONRD195  AREA      695733.1026  4236299.904  1672.28
** SRCDESCR  Unpaved Monitoring Road 195
SO LOCATION  MONRD196  AREA      695702.6701  4236301.606  1672.39
** SRCDESCR  Unpaved Monitoring Road 196
SO LOCATION  MONRD197  AREA      695671.8  4236303  1671.87
** SRCDESCR  Unpaved Monitoring Road 197
SO LOCATION  MONRD198  AREA      695498.3  4235398.8  1695.90
** SRCDESCR  Unpaved Monitoring Road 198
SO LOCATION  MONRD199  AREA      695527.4  4235389  1696.04
** SRCDESCR  Unpaved Monitoring Road 199
SO LOCATION  MONRD200  AREA      695558.4  4235385.3  1695.89
** SRCDESCR  Unpaved Monitoring Road 200
SO LOCATION  MONRD201  AREA      695589.2  4235385.6  1695.40
** SRCDESCR  Unpaved Monitoring Road 201
SO LOCATION  MONRD202  AREA      695619.3  4235391.7  1694.39
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** SRCDESCR  Unpaved Monitoring Road 202
SO LOCATION  MONRD203  AREA      695648.7  4235400.2  1692.93
** SRCDESCR  Unpaved Monitoring Road 203
SO LOCATION  MONRD204  AREA      695678.3  4235408.2  1692.00
** SRCDESCR  Unpaved Monitoring Road 204
SO LOCATION  MONRD205  AREA      695707.8  4235416.4  1691.58
** SRCDESCR  Unpaved Monitoring Road 205
SO LOCATION  MONRD206  AREA      695737.1  4235425.4  1691.46
** SRCDESCR  Unpaved Monitoring Road 206
SO LOCATION  MONRD207  AREA      695773.4  4235437.1  1691.17
** SRCDESCR  Unpaved Monitoring Road 207
SO LOCATION  WIND2A    AREA      695471.9  4235796.8  1684.91
** SRCDESCR  Wind Erosion of Tailing Cell A
SO LOCATION  WIND2B    AREA      695118.6  4236064.9  1678.36
** SRCDESCR  Wind Erosion of Tailing Cell B
SO LOCATION  WIND3     AREAPOLY  694915.0  4237092.0  1655.38
** SRCDESCR  Wind Erosion of Evap Pond
SO LOCATION  WIND1A    AREAPOLY  695404  4235648.1  1688.66
** SRCDESCR  Wind Erosion of Ore Stockpiles
SO LOCATION  WIND1B    AREAPOLY  695315.4  4235514.8  1692.51
** SRCDESCR  Wind Erosion of Ore Stockpiles
SO LOCATION  WIND1C    AREAPOLY  695302.6  4235675.1  1688.74
** SRCDESCR  Wind Erosion of Ore Stockpiles
SO SRCPARAM  110STK01  4.20E-04  10.67  0  15.77  1.22
SO SRCPARAM  120DCS01  2.49E-04  10.67  0  12.94  0.30
SO SRCPARAM  730GHS01  1.26E-04  32.31  380  14.55  0.20
SO SRCPARAM  730GHS02  6.09E-03  32.31  394  18.19  0.41
SO SRCPARAM  1000SG01  1.43E-02  10.67  753  74.99  0.25
SO SRCPARAM  1000SG02  1.43E-02  10.67  753  74.99  0.25
SO SRCPARAM  910PPL01  7.67E-04  10.67  828  44.30  0.13
SO SRCPARAM  920STK01  2.36E-02  30.48  508  0.98  1.22
SO SRCPARAM  PMAIN1    1.11E-05  2  45.72  7.92  122  3
SO SRCPARAM  UPMAIN1   4.69E-05  2  79.20  7.92  122  3
SO SRCPARAM  UPMAIN2   4.69E-05  2  79.20  7.92  122  3
SO SRCPARAM  UPMAIN3   4.69E-05  2  79.20  7.92  122  3
SO SRCPARAM  UPMAIN4   4.69E-05  2  28.50  7.92  106  3
SO SRCPARAM  UPMAIN5   4.69E-05  2  79.20  7.92  93  3
SO SRCPARAM  UPMAIN6   3.94E-05  2  79.20  7.92  93  3
SO SRCPARAM  UPMAIN7   3.94E-05  2  79.20  7.92  92  3
SO SRCPARAM  UPMAIN8   3.94E-05  2  79.20  7.92  92  3
SO SRCPARAM  UPMAIN9   3.94E-05  2  79.20  7.92  92  3
SO SRCPARAM  UPMAIN10  3.94E-05  2  79.20  7.92  93  3
SO SRCPARAM  UPMAIN11  3.94E-05  2  79.20  7.92  92  3
SO SRCPARAM  UPMAIN12  3.94E-05  2  79.20  7.92  92  3
SO SRCPARAM  UPMAIN13  3.94E-05  2  79.20  7.92  92  3
SO SRCPARAM  UPMAIN14  3.94E-05  2  79.20  7.92  92  3
SO SRCPARAM  UPMAIN15  3.94E-05  2  79.20  7.92  92  3
SO SRCPARAM  UPMAIN16  3.94E-05  2  79.20  7.92  92  3
SO SRCPARAM  UPMAIN17  3.94E-05  2  79.20  7.92  92  3
SO SRCPARAM  UPMAIN18  3.94E-05  2  79.20  7.92  92  3
SO SRCPARAM  UPMAIN19  3.94E-05  2  79.20  7.92  92  3
SO SRCPARAM  UPMAIN20  3.91E-05  2  79.20  7.92  92  3
SO SRCPARAM  UPMAIN21  3.39E-05  2  79.20  7.92  93  3
SO SRCPARAM  UPMAIN22  3.39E-05  2  46.70  7.92  110  3
SO SRCPARAM  UPMAIN23  3.39E-05  2  43.90  7.92  133  3
SO SRCPARAM  UPMAIN24  3.39E-05  2  41.60  7.92  156  3
SO SRCPARAM  UPMAIN25  3.39E-05  2  40.40  7.92  175  3
SO SRCPARAM  UPMAIN26  2.84E-05  2  79.20  7.92  -179  3
SO SRCPARAM  UPMAIN27  2.84E-05  2  79.20  7.92  -178  3
SO SRCPARAM  UPMAIN28  2.84E-05  2  79.20  7.92  -179  3
SO SRCPARAM  UPMAIN29  2.61E-07  2  79.20  7.92  -177  3
SO SRCPARAM  UPMAIN30  2.61E-07  2  79.20  7.92  -178  3
SO SRCPARAM  UPMAIN31  2.61E-07  2  31.10  7.92  -172  3
SO SRCPARAM  UPMAIN32  2.61E-07  2  30.20  7.92  -147  3
SO SRCPARAM  UPMAIN33  2.61E-07  2  31.30  7.92  -121  3
SO SRCPARAM  UPMAIN34  2.61E-07  2  37.00  7.92  -96  3
SO SRCPARAM  UPMAIN35  2.61E-07  2  79.20  7.92  -88  3
SO SRCPARAM  UPMAIN36  2.61E-07  2  75.00  7.92  3  3
SO SRCPARAM  UPMAIN37  7.56E-06  2  79.20  7.92  45  3
SO SRCPARAM  UPMAIN38  7.56E-06  2  79.20  7.92  45  3
SO SRCPARAM  UPMAIN39  2.61E-07  2  79.20  7.92  -178  3
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SO SRCPARAM  UPMAIN40  2.61E-07  2  79.20  7.92  -178  3
SO SRCPARAM  UPMAIN41  2.61E-07  2  45.00  7.92  -178  3
SO SRCPARAM  UPMAIN42  2.61E-07  2  31.70  7.92  140  3
SO SRCPARAM  UPMAIN43  5.22E-06  2  79.20  7.92  -178  3
SO SRCPARAM  UPMAIN44  5.22E-06  2  79.20  7.92  -178  3
SO SRCPARAM  UPMAIN45  5.48E-06  2  65.60  7.92  36  3
SO SRCPARAM  UPMAIN46  5.22E-06  2  70.70  7.92  -88  3
SO SRCPARAM  UPMAIN47  2.82E-05  2  79.20  7.92  -153  3
SO SRCPARAM  UPMAIN48  2.82E-05  2  79.20  7.92  -153  3
SO SRCPARAM  ORERD1    8.82E-05  2  30.48  3.05  -145  3
SO SRCPARAM  ORERD2    8.82E-05  2  30.48  3.05  -145  3
SO SRCPARAM  ORERD3    8.82E-05  2  30.48  3.05  -145  3
SO SRCPARAM  ORERD4    8.82E-05  2  30.48  3.05  -145  3
SO SRCPARAM  ORERD5    8.82E-05  2  30.48  3.05  136  3
SO SRCPARAM  ORERD6    8.82E-05  2  30.48  3.05  136  3
SO SRCPARAM  ORERD7    8.82E-05  2  30.48  3.05  136  3
SO SRCPARAM  ORERD8    8.82E-05  2  30.48  3.05  136  3
SO SRCPARAM  SECRD1    2.33E-05  2  30.48  3.05  3  3
SO SRCPARAM  SECRD2    2.33E-05  2  30.48  3.05  3  3
SO SRCPARAM  SECRD3    2.33E-05  2  30.48  3.05  3  3
SO SRCPARAM  SECRD4    2.33E-05  2  30.48  3.05  3  3
SO SRCPARAM  SECRD5    2.33E-05  2  30.48  3.05  3  3
SO SRCPARAM  SECRD6    2.33E-05  2  30.48  3.05  3  3
SO SRCPARAM  SECRD7    2.33E-05  2  30.48  3.05  3  3
SO SRCPARAM  SECRD8    2.33E-05  2  30.48  3.05  3  3
SO SRCPARAM  SECRD9    2.33E-05  2  30.48  3.05  3  3
SO SRCPARAM  SECRD10   2.33E-05  2  30.48  3.05  3  3
SO SRCPARAM  SECRD11   2.33E-05  2  30.48  3.05  3  3
SO SRCPARAM  SECRD12   2.33E-05  2  27.00  3.05  -34  3
SO SRCPARAM  SECRD13   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD14   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD15   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD16   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD17   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD18   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD19   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD20   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD21   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD22   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD23   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD24   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD25   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD26   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD27   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD28   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD29   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD30   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD31   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD32   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD33   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD34   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD35   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD36   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD37   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD38   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD39   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD40   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD41   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD42   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD43   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD44   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD45   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD46   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD47   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD48   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD49   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD50   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD51   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD52   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD53   2.33E-05  2  30.48  3.05  -88  3
SO SRCPARAM  SECRD54   2.33E-05  2  30.48  3.05  -88  3
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SO SRCPARAM  SECRD56   2.33E-05  2  22.30  3.05  -149  3
SO SRCPARAM  SECRD57   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD58   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD59   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD60   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD61   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD62   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD63   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD64   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD65   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD66   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD67   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD68   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD69   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD70   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD71   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD72   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD73   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD74   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD75   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD76   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD77   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD78   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD79   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD80   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD81   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD82   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD83   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD84   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD85   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD86   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD87   2.33E-05  2  30.48  3.05  -178  3
SO SRCPARAM  SECRD88   2.33E-05  2  30.40  3.05  150  3
SO SRCPARAM  SECRD89   2.33E-05  2  30.48  3.05  91  3
SO SRCPARAM  SECRD90   2.33E-05  2  30.48  3.05  91  3
SO SRCPARAM  SECRD91   2.33E-05  2  30.48  3.05  91  3
SO SRCPARAM  SECRD92   2.33E-05  2  30.48  3.05  91  3
SO SRCPARAM  SECRD93   2.33E-05  2  30.48  3.05  91  3
SO SRCPARAM  SECRD94   2.33E-05  2  30.48  3.05  91  3
SO SRCPARAM  SECRD95   2.33E-05  2  30.48  3.05  92  3
SO SRCPARAM  SECRD96   2.33E-05  2  30.48  3.05  92  3
SO SRCPARAM  SECRD97   2.33E-05  2  30.48  3.05  92  3
SO SRCPARAM  SECRD98   2.33E-05  2  30.48  3.05  92  3
SO SRCPARAM  SECRD99   2.33E-05  2  30.48  3.05  92  3
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SO SRCPARAM  SECRD103  2.33E-05  2  30.48  3.05  1  3
SO SRCPARAM  SECRD104  2.33E-05  2  30.48  3.05  1  3
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SO SRCPARAM  SECRD110  2.33E-05  2  10.40  3.05  76  3
SO SRCPARAM  SECRD111  2.33E-05  2  30.48  3.05  90  3
SO SRCPARAM  SECRD112  2.33E-05  2  30.48  3.05  90  3
SO SRCPARAM  SECRD113  2.33E-05  2  30.48  3.05  90  3
SO SRCPARAM  SECRD114  2.33E-05  2  30.48  3.05  90  3
SO SRCPARAM  SECRD115  2.33E-05  2  30.48  3.05  90  3
SO SRCPARAM  SECRD116  2.33E-05  2  30.48  3.05  90  3
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SO SRCPARAM  SECRD118  2.33E-05  2  30.48  3.05  90  3
SO SRCPARAM  SECRD119  2.33E-05  2  30.48  3.05  90  3
SO SRCPARAM  SECRD120  2.33E-05  2  30.48  3.05  90  3
SO SRCPARAM  SECRD121  2.33E-05  2  30.48  3.05  90  3
SO SRCPARAM  SECRD122  2.33E-05  2  30.48  3.05  90  3
SO SRCPARAM  SECRD123  2.33E-05  2  30.48  3.05  90  3
SO SRCPARAM  SECRD124  2.33E-05  2  30.48  3.05  90  3
SO SRCPARAM  SECRD125  2.33E-05  2  30.48  3.05  90  3
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SO SRCPARAM  SECRD130  2.33E-05  2  30.48  3.05  90  3
SO SRCPARAM  SECRD131  2.33E-05  2  30.48  3.05  90  3
SO SRCPARAM  SECRD132  2.33E-05  2  30.48  3.05  90  3
SO SRCPARAM  SECRD133  2.33E-05  2  30.48  3.05  90  3
SO SRCPARAM  SECRD134  2.33E-05  2  30.48  3.05  90  3
SO SRCPARAM  SECRD135  2.33E-05  2  30.48  3.05  90  3
SO SRCPARAM  SECRD136  2.33E-05  2  30.48  3.05  60  3
SO SRCPARAM  SECRD137  2.33E-05  2  30.48  3.05  60  3
SO SRCPARAM  SECRD138  2.33E-05  2  30.48  3.05  60  3
SO SRCPARAM  SECRD139  2.33E-05  2  25.00  3.05  60  3
SO SRCPARAM  SECRD140  2.33E-05  2  13.20  3.05  29  3
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SO SRCPARAM  SECRD142  2.33E-05  2  30.48  3.05  3  3
SO SRCPARAM  SECRD143  2.33E-05  2  30.48  3.05  3  3
SO SRCPARAM  SECRD144  2.33E-05  2  30.48  3.05  3  3
SO SRCPARAM  SECRD145  2.33E-05  2  30.48  3.05  3  3
SO SRCPARAM  SECRD146  2.33E-05  2  30.48  3.05  3  3
SO SRCPARAM  SECRD147  2.33E-05  2  30.48  3.05  3  3
SO SRCPARAM  SECRD148  2.33E-05  2  30.48  3.05  3  3
SO SRCPARAM  SECRD149  2.33E-05  2  30.48  3.05  3  3
SO SRCPARAM  SECRD150  2.33E-05  2  30.48  3.05  3  3
SO SRCPARAM  SECRD151  2.33E-05  2  17.40  3.05  9  3
SO SRCPARAM  SECRD152  2.33E-05  2  22.50  3.05  94  3
SO SRCPARAM  MONRD1    1.81E-05  2  30.48  3.05  111  3
SO SRCPARAM  MONRD2    1.81E-05  2  30.48  3.05  111  3
SO SRCPARAM  MONRD3    1.81E-05  2  30.48  3.05  119  3
SO SRCPARAM  MONRD4    1.81E-05  2  30.48  3.05  130  3
SO SRCPARAM  MONRD5    1.81E-05  2  30.48  3.05  138  3
SO SRCPARAM  MONRD6    1.81E-05  2  24.8  3.05  161  3
SO SRCPARAM  MONRD7    1.81E-05  2  30.48  3.05  180  3
SO SRCPARAM  MONRD8    1.81E-05  2  30.48  3.05  179  3
SO SRCPARAM  MONRD9    1.81E-05  2  30.48  3.05  180  3
SO SRCPARAM  MONRD10   1.81E-05  2  30.48  3.05  -180  3
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SO SRCPARAM  MONRD13   1.81E-05  2  30.48  3.05  -179  3
SO SRCPARAM  MONRD14   1.81E-05  2  30.48  3.05  -176  3
SO SRCPARAM  MONRD15   1.81E-05  2  30.48  3.05  -175  3
SO SRCPARAM  MONRD16   1.81E-05  2  30.48  3.05  -166  3
SO SRCPARAM  MONRD17   1.81E-05  2  30.48  3.05  -167  3
SO SRCPARAM  MONRD18   1.81E-05  2  30.48  3.05  -166  3
SO SRCPARAM  MONRD19   1.81E-05  2  30.48  3.05  -166  3
SO SRCPARAM  MONRD20   1.81E-05  2  30.48  3.05  -167  3
SO SRCPARAM  MONRD21   1.81E-05  2  30.48  3.05  -166  3
SO SRCPARAM  MONRD22   1.81E-05  2  30.48  3.05  -169  3
SO SRCPARAM  MONRD23   1.81E-05  2  30.48  3.05  -171  3
SO SRCPARAM  MONRD24   1.81E-05  2  30.48  3.05  -171  3
SO SRCPARAM  MONRD25   1.81E-05  2  30.48  3.05  -171  3
SO SRCPARAM  MONRD26   1.81E-05  2  25  3.05  -159  3
SO SRCPARAM  MONRD27   1.81E-05  2  23.4  3.05  -133  3
SO SRCPARAM  MONRD28   1.81E-05  2  30.48  3.05  -102  3
SO SRCPARAM  MONRD29   1.81E-05  2  30.48  3.05  -104  3
SO SRCPARAM  MONRD30   1.81E-05  2  30.48  3.05  -105  3
SO SRCPARAM  MONRD31   1.81E-05  2  30.48  3.05  -105  3
SO SRCPARAM  MONRD32   1.81E-05  2  30.48  3.05  -105  3
SO SRCPARAM  MONRD33   1.81E-05  2  4.9  3.05  -106  3
SO SRCPARAM  MONRD34   1.81E-05  2  24.9  3.05  -136  3
SO SRCPARAM  MONRD35   1.81E-05  2  30.48  3.05  -154  3
SO SRCPARAM  MONRD36   1.81E-05  2  30.48  3.05  -160  3
SO SRCPARAM  MONRD37   1.81E-05  2  30.48  3.05  -161  3
SO SRCPARAM  MONRD38   1.81E-05  2  30.48  3.05  -163  3
SO SRCPARAM  MONRD39   1.81E-05  2  30.48  3.05  -164  3
SO SRCPARAM  MONRD40   1.81E-05  2  30.48  3.05  -163  3
SO SRCPARAM  MONRD41   1.81E-05  2  30.48  3.05  -161  3
SO SRCPARAM  MONRD42   1.81E-05  2  30.48  3.05  -146  3
SO SRCPARAM  MONRD43   1.81E-05  2  30.48  3.05  -143  3
SO SRCPARAM  MONRD44   1.81E-05  2  30.48  3.05  -139  3
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SO SRCPARAM  MONRD45   1.81E-05  2  30.48  3.05  -156  3
SO SRCPARAM  MONRD46   1.81E-05  2  30.48  3.05  -160  3
SO SRCPARAM  MONRD47   1.81E-05  2  30.48  3.05  -135  3
SO SRCPARAM  MONRD48   1.81E-05  2  30.48  3.05  -111  3
SO SRCPARAM  MONRD49   1.81E-05  2  23  3.05  -105  3
SO SRCPARAM  MONRD50   1.81E-05  2  30.48  3.05  -87  3
SO SRCPARAM  MONRD51   1.81E-05  2  30.48  3.05  -87  3
SO SRCPARAM  MONRD52   1.81E-05  2  30.48  3.05  -87  3
SO SRCPARAM  MONRD53   1.81E-05  2  30.48  3.05  -87  3
SO SRCPARAM  MONRD54   1.81E-05  2  30.48  3.05  -88  3
SO SRCPARAM  MONRD55   1.81E-05  2  30.48  3.05  -88  3
SO SRCPARAM  MONRD56   1.81E-05  2  30.48  3.05  -88  3
SO SRCPARAM  MONRD57   1.81E-05  2  30.48  3.05  -88  3
SO SRCPARAM  MONRD58   1.81E-05  2  30.48  3.05  -87  3
SO SRCPARAM  MONRD59   1.81E-05  2  30.48  3.05  -84  3
SO SRCPARAM  MONRD60   1.81E-05  2  30.48  3.05  -84  3
SO SRCPARAM  MONRD61   1.81E-05  2  30.48  3.05  -83  3
SO SRCPARAM  MONRD62   1.81E-05  2  30.48  3.05  -80  3
SO SRCPARAM  MONRD63   1.81E-05  2  30.48  3.05  -79  3
SO SRCPARAM  MONRD64   1.81E-05  2  30.48  3.05  -79  3
SO SRCPARAM  MONRD65   1.81E-05  2  30.48  3.05  -79  3
SO SRCPARAM  MONRD66   1.81E-05  2  30.48  3.05  -79  3
SO SRCPARAM  MONRD67   1.81E-05  2  30.48  3.05  -82  3
SO SRCPARAM  MONRD68   1.81E-05  2  30.48  3.05  -82  3
SO SRCPARAM  MONRD69   1.81E-05  2  30.48  3.05  -82  3
SO SRCPARAM  MONRD70   1.81E-05  2  30.48  3.05  -82  3
SO SRCPARAM  MONRD71   1.81E-05  2  30.48  3.05  -82  3
SO SRCPARAM  MONRD72   1.81E-05  2  30.48  3.05  -82  3
SO SRCPARAM  MONRD73   1.81E-05  2  30.48  3.05  -82  3
SO SRCPARAM  MONRD74   1.81E-05  2  30.48  3.05  -82  3
SO SRCPARAM  MONRD75   1.81E-05  2  30.48  3.05  -83  3
SO SRCPARAM  MONRD76   1.81E-05  2  30.48  3.05  -75  3
SO SRCPARAM  MONRD77   1.81E-05  2  30.48  3.05  -70  3
SO SRCPARAM  MONRD78   1.81E-05  2  30.48  3.05  -64  3
SO SRCPARAM  MONRD79   1.81E-05  2  30.48  3.05  -63  3
SO SRCPARAM  MONRD80   1.81E-05  2  30.48  3.05  -60  3
SO SRCPARAM  MONRD81   1.81E-05  2  30.48  3.05  -59  3
SO SRCPARAM  MONRD82   1.81E-05  2  30.48  3.05  -49  3
SO SRCPARAM  MONRD83   1.81E-05  2  30.48  3.05  -85  3
SO SRCPARAM  MONRD84   1.81E-05  2  30.48  3.05  -101  3
SO SRCPARAM  MONRD85   1.81E-05  2  30.48  3.05  -102  3
SO SRCPARAM  MONRD86   1.81E-05  2  30.48  3.05  -93  3
SO SRCPARAM  MONRD87   1.81E-05  2  30.48  3.05  -89  3
SO SRCPARAM  MONRD88   1.81E-05  2  30.48  3.05  -89  3
SO SRCPARAM  MONRD89   1.81E-05  2  30.48  3.05  -89  3
SO SRCPARAM  MONRD90   1.81E-05  2  30.48  3.05  -89  3
SO SRCPARAM  MONRD91   1.81E-05  2  30.48  3.05  -89  3
SO SRCPARAM  MONRD92   1.81E-05  2  30.48  3.05  -89  3
SO SRCPARAM  MONRD93   1.81E-05  2  30.48  3.05  -89  3
SO SRCPARAM  MONRD94   1.81E-05  2  30.48  3.05  -89  3
SO SRCPARAM  MONRD95   1.81E-05  2  30.48  3.05  -89  3
SO SRCPARAM  MONRD96   1.81E-05  2  30.48  3.05  -85  3
SO SRCPARAM  MONRD97   1.81E-05  2  30.48  3.05  -85  3
SO SRCPARAM  MONRD98   1.81E-05  2  30.48  3.05  -85  3
SO SRCPARAM  MONRD99   1.81E-05  2  30.48  3.05  -85  3
SO SRCPARAM  MONRD100  1.81E-05  2  30.48  3.05  -77  3
SO SRCPARAM  MONRD101  1.81E-05  2  7.4  3.05  -53  3
SO SRCPARAM  MONRD102  1.81E-05  2  30.48  3.05  3  3
SO SRCPARAM  MONRD103  1.81E-05  2  30.48  3.05  3  3
SO SRCPARAM  MONRD104  1.81E-05  2  30.48  3.05  3  3
SO SRCPARAM  MONRD105  1.81E-05  2  30.48  3.05  3  3
SO SRCPARAM  MONRD106  1.81E-05  2  30.48  3.05  3  3
SO SRCPARAM  MONRD107  1.81E-05  2  30.48  3.05  3  3
SO SRCPARAM  MONRD108  1.81E-05  2  30.48  3.05  3  3
SO SRCPARAM  MONRD109  1.81E-05  2  30.48  3.05  3  3
SO SRCPARAM  MONRD110  1.81E-05  2  30.48  3.05  3  3
SO SRCPARAM  MONRD111  1.81E-05  2  30.48  3.05  0  3
SO SRCPARAM  MONRD112  1.81E-05  2  30.48  3.05  0  3
SO SRCPARAM  MONRD113  1.81E-05  2  30.48  3.05  0  3
SO SRCPARAM  MONRD114  1.81E-05  2  30.48  3.05  0  3
SO SRCPARAM  MONRD115  1.81E-05  2  30.48  3.05  2  3
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SO SRCPARAM  MONRD116  1.81E-05  2  30.48  3.05  2  3
SO SRCPARAM  MONRD117  1.81E-05  2  30.48  3.05  2  3
SO SRCPARAM  MONRD118  1.81E-05  2  30.48  3.05  2  3
SO SRCPARAM  MONRD119  1.81E-05  2  30.48  3.05  -1  3
SO SRCPARAM  MONRD120  1.81E-05  2  30.48  3.05  -3  3
SO SRCPARAM  MONRD121  1.81E-05  2  16.5  3.05  -19  3
SO SRCPARAM  MONRD122  1.81E-05  2  17.1  3.05  -56  3
SO SRCPARAM  MONRD123  1.81E-05  2  30.48  3.05  -82  3
SO SRCPARAM  MONRD124  1.81E-05  2  30.48  3.05  -88  3
SO SRCPARAM  MONRD125  1.81E-05  2  30.48  3.05  -88  3
SO SRCPARAM  MONRD126  1.81E-05  2  30.48  3.05  -88  3
SO SRCPARAM  MONRD127  1.81E-05  2  30.48  3.05  -88  3
SO SRCPARAM  MONRD128  1.81E-05  2  30.48  3.05  -88  3
SO SRCPARAM  MONRD129  1.81E-05  2  28.3  3.05  -87  3
SO SRCPARAM  MONRD130  1.81E-05  2  30.48  3.05  16  3
SO SRCPARAM  MONRD131  1.81E-05  2  29  3.05  19  3
SO SRCPARAM  MONRD132  1.81E-05  2  15.5  3.05  56  3
SO SRCPARAM  MONRD133  1.81E-05  2  21.6  3.05  84  3
SO SRCPARAM  MONRD134  1.81E-05  2  30.48  3.05  98  3
SO SRCPARAM  MONRD135  1.81E-05  2  27  3.05  109  3
SO SRCPARAM  MONRD136  1.81E-05  2  30.48  3.05  32  3
SO SRCPARAM  MONRD137  1.81E-05  2  30.48  3.05  32  3
SO SRCPARAM  MONRD138  1.81E-05  2  30.48  3.05  32  3
SO SRCPARAM  MONRD139  1.81E-05  2  30.48  3.05  32  3
SO SRCPARAM  MONRD140  1.81E-05  2  30.48  3.05  32  3
SO SRCPARAM  MONRD141  1.81E-05  2  30.48  3.05  28  3
SO SRCPARAM  MONRD142  1.81E-05  2  30.48  3.05  28  3
SO SRCPARAM  MONRD143  1.81E-05  2  30.48  3.05  28  3
SO SRCPARAM  MONRD144  1.81E-05  2  30.48  3.05  28  3
SO SRCPARAM  MONRD145  1.81E-05  2  30.48  3.05  29  3
SO SRCPARAM  MONRD146  1.81E-05  2  30.48  3.05  29  3
SO SRCPARAM  MONRD147  1.81E-05  2  30.48  3.05  29  3
SO SRCPARAM  MONRD148  1.81E-05  2  30.48  3.05  31  3
SO SRCPARAM  MONRD149  1.81E-05  2  30.48  3.05  31  3
SO SRCPARAM  MONRD150  1.81E-05  2  30.48  3.05  31  3
SO SRCPARAM  MONRD151  1.81E-05  2  30.48  3.05  31  3
SO SRCPARAM  MONRD152  1.81E-05  2  30.48  3.05  31  3
SO SRCPARAM  MONRD153  1.81E-05  2  30.48  3.05  31  3
SO SRCPARAM  MONRD154  1.81E-05  2  30.48  3.05  34  3
SO SRCPARAM  MONRD155  1.81E-05  2  30.48  3.05  34  3
SO SRCPARAM  MONRD156  1.81E-05  2  23  3.05  34  3
SO SRCPARAM  MONRD157  1.81E-05  2  13.5  3.05  32  3
SO SRCPARAM  MONRD158  1.81E-05  2  13  3.04  -1  3
SO SRCPARAM  MONRD159  1.81E-05  2  13.2  3.05  -31  3
SO SRCPARAM  MONRD160  1.81E-05  2  16.4  3.05  -42  3
SO SRCPARAM  MONRD161  1.81E-05  2  19.5  3.05  -11  3
SO SRCPARAM  MONRD162  1.81E-05  2  21.9  3.05  22  3
SO SRCPARAM  MONRD163  1.81E-05  2  30.48  3.05  41  3
SO SRCPARAM  MONRD164  1.81E-05  2  27  3.05  59  3
SO SRCPARAM  MONRD165  1.81E-05  2  30.48  3.05  73  3
SO SRCPARAM  MONRD166  1.81E-05  2  4.9  3.05  73  3
SO SRCPARAM  MONRD167  1.81E-05  2  30.48  3.05  90  3
SO SRCPARAM  MONRD168  1.81E-05  2  30.48  3.05  92  3
SO SRCPARAM  MONRD169  1.81E-05  2  30.48  3.05  94  3
SO SRCPARAM  MONRD170  1.81E-05  2  30.48  3.05  92  3
SO SRCPARAM  MONRD171  1.81E-05  2  30.48  3.05  92  3
SO SRCPARAM  MONRD172  1.81E-05  2  30.48  3.05  92  3
SO SRCPARAM  MONRD173  1.81E-05  2  30.48  3.05  93  3
SO SRCPARAM  MONRD174  1.81E-05  2  30.48  3.05  92  3
SO SRCPARAM  MONRD175  1.81E-05  2  30.48  3.05  93  3
SO SRCPARAM  MONRD176  1.81E-05  2  30.48  3.05  92  3
SO SRCPARAM  MONRD177  1.81E-05  2  30.48  3.05  92  3
SO SRCPARAM  MONRD178  1.81E-05  2  30.48  3.05  92  3
SO SRCPARAM  MONRD179  1.81E-05  2  30.48  3.05  92  3
SO SRCPARAM  MONRD180  1.81E-05  2  30.48  3.05  92  3
SO SRCPARAM  MONRD181  1.81E-05  2  30.48  3.05  92  3
SO SRCPARAM  MONRD182  1.81E-05  2  30.48  3.05  94  3
SO SRCPARAM  MONRD183  1.81E-05  2  30.48  3.05  95  3
SO SRCPARAM  MONRD184  1.81E-05  2  30.48  3.05  99  3
SO SRCPARAM  MONRD185  1.81E-05  2  30.48  3.05  108  3
SO SRCPARAM  MONRD186  1.81E-05  2  30.48  3.05  107  3
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SO SRCPARAM  MONRD187  1.81E-05  2  30.48  3.05  110  3
SO SRCPARAM  MONRD188  1.81E-05  2  30.48  3.05  113  3
SO SRCPARAM  MONRD189  1.81E-05  2  30.48  3.05  112  3
SO SRCPARAM  MONRD190  1.81E-05  2  30.48  3.05  113  3
SO SRCPARAM  MONRD191  1.81E-05  2  26  3.05  111  3
SO SRCPARAM  MONRD192  1.81E-05  2  30.48  3.05  -177  3
SO SRCPARAM  MONRD193  1.81E-05  2  30.48  3.05  -177  3
SO SRCPARAM  MONRD194  1.81E-05  2  30.48  3.05  -177  3
SO SRCPARAM  MONRD195  1.81E-05  2  30.48  3.05  -177  3
SO SRCPARAM  MONRD196  1.81E-05  2  30.48  3.05  -177  3
SO SRCPARAM  MONRD197  1.81E-05  2  30.48  3.05  -179  3
SO SRCPARAM  MONRD198  1.81E-05  2  30.48  3.05  19  3
SO SRCPARAM  MONRD199  1.81E-05  2  30.48  3.05  9  3
SO SRCPARAM  MONRD200  1.81E-05  2  30.48  3.05  0  3
SO SRCPARAM  MONRD201  1.81E-05  2  30.48  3.05  -11  3
SO SRCPARAM  MONRD202  1.81E-05  2  30.38  3.05  -16  3
SO SRCPARAM  MONRD203  1.81E-05  2  30.48  3.05  -15  3
SO SRCPARAM  MONRD204  1.81E-05  2  30.48  3.05  -15  3
SO SRCPARAM  MONRD205  1.81E-05  2  30.48  3.05  -17  3
SO SRCPARAM  MONRD206  1.81E-05  2  30.48  3.05  -18  3
SO SRCPARAM  MONRD207  1.81E-05  2  30.48  3.05  -18  3
SO SRCPARAM  WIND2A    1.35E-06  0  220  551.8  -87  0
SO SRCPARAM  WIND2B    6.75E-07  0  220.5  183.9  -86  0
SO SRCPARAM  WIND3     6.87E-07  0  4  0
SO SRCPARAM  WIND1A    3.2E-05  4.57  5  2.13
SO SRCPARAM  WIND1B    3.2E-05  4.57  4  2.13
SO SRCPARAM  WIND1C    3.2E-05  4.57  3  2.13
SO BUILDHGT  110STK01      8.53      8.53      8.53      7.32      7.32     29.26
SO BUILDHGT  110STK01     29.26     29.26     29.26     29.26     29.26     29.26
SO BUILDHGT  110STK01     29.26     29.26      0.00      0.00      0.00      0.00
SO BUILDHGT  110STK01      0.00      0.00      0.00      7.32      7.32     29.26
SO BUILDHGT  110STK01     29.26     29.26     29.26     29.26     29.26     29.26
SO BUILDHGT  110STK01     29.26     29.26      0.00      0.00      0.00      8.53
SO BUILDWID  110STK01     19.71     19.17     18.36      9.76      9.55     72.39
SO BUILDWID  110STK01     73.79     72.95     70.00     73.11     74.10     72.84
SO BUILDWID  110STK01     69.36     63.78      0.00      0.00      0.00      0.00
SO BUILDWID  110STK01      0.00      0.00      0.00      9.76      9.55     72.39
SO BUILDWID  110STK01     73.79     72.95     70.00     73.11     74.10     72.84
SO BUILDWID  110STK01     69.36     63.78      0.00      0.00      0.00     19.94
SO BUILDLEN  110STK01     22.10     23.48     24.46      9.55      9.76     56.25
SO BUILDLEN  110STK01     47.02     36.36     24.60     35.48     46.18     55.47
SO BUILDLEN  110STK01     63.09     68.78      0.00      0.00      0.00      0.00
SO BUILDLEN  110STK01      0.00      0.00      0.00      9.55      9.76     56.25
SO BUILDLEN  110STK01     47.02     36.36     24.60     35.48     46.18     55.47
SO BUILDLEN  110STK01     63.09     68.78      0.00      0.00      0.00     20.34
SO XBADJ     110STK01    -53.47    -54.19    -53.42      2.49      3.57    -82.02
SO XBADJ     110STK01    -84.96    -85.33    -83.10    -89.71    -94.40    -96.22
SO XBADJ     110STK01    -95.12    -91.13      0.00      0.00      0.00      0.00
SO XBADJ     110STK01      0.00      0.00      0.00    -12.04    -13.32     25.76
SO XBADJ     110STK01     37.94     48.96     58.50     54.24     48.23     40.75
SO XBADJ     110STK01     32.03     22.35      0.00      0.00      0.00    -51.27
SO YBADJ     110STK01      4.91     -1.53     -7.93     -7.41     -6.04     48.17
SO YBADJ     110STK01     38.14     26.96     14.90      2.33    -10.26    -22.54
SO YBADJ     110STK01    -34.13    -44.69      0.00      0.00      0.00      0.00
SO YBADJ     110STK01      0.00      0.00      0.00      7.41      6.04    -48.17
SO YBADJ     110STK01    -38.14    -26.96    -14.90     -2.33     10.26     22.54
SO YBADJ     110STK01     34.13     44.69      0.00      0.00      0.00     11.20
SO BUILDHGT  120DCS01     29.26     29.26     29.26     29.26     29.26     29.26
SO BUILDHGT  120DCS01     29.26     29.26     29.26     29.26     29.26     29.26
SO BUILDHGT  120DCS01     29.26     29.26     29.26     29.26     29.26     29.26
SO BUILDHGT  120DCS01     29.26     29.26     29.26     29.26     29.26     29.26
SO BUILDHGT  120DCS01     29.26     29.26     29.26     29.26     29.26     29.26
SO BUILDHGT  120DCS01     29.26     29.26     29.26     29.26     29.26     29.26
SO BUILDWID  120DCS01     35.48     46.18     55.47     63.09     68.78     72.39
SO BUILDWID  120DCS01     73.79     72.95     70.00     73.11     74.10     72.84
SO BUILDWID  120DCS01     69.36     63.78     56.25     47.02     36.36     24.60
SO BUILDWID  120DCS01     35.48     46.18     55.47     63.09     68.78     72.39
SO BUILDWID  120DCS01     73.79     72.95     70.00     73.11     74.10     72.84
SO BUILDWID  120DCS01     69.36     63.78     56.25     47.02     36.36     24.60
SO BUILDLEN  120DCS01     73.11     74.10     72.84     69.36     63.78     56.25
SO BUILDLEN  120DCS01     47.02     36.36     24.60     35.48     46.18     55.47
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SO	BUILDLEN	120DCS01	63.09	68.78	72.39	73.79	72.95	70.00
SO	BUILDLEN	120DCS01	73.11	74.10	72.84	69.36	63.78	56.25
SO	BUILDLEN	120DCS01	47.02	36.36	24.60	35.48	46.18	55.47
SO	BUILDLEN	120DCS01	63.09	68.78	72.39	73.79	72.95	70.00
SO	XBADJ	120DCS01	-22.11	-25.76	-28.62	-30.61	-31.67	-31.76
SO	XBADJ	120DCS01	-30.90	-29.09	-26.40	-34.28	-41.91	-48.27
SO	XBADJ	120DCS01	-53.16	-56.44	-58.01	-57.81	-55.85	-52.20
SO	XBADJ	120DCS01	-51.00	-48.34	-44.22	-38.75	-32.11	-24.49
SO	XBADJ	120DCS01	-16.13	-7.27	1.80	-1.20	-4.27	-7.20
SO	XBADJ	120DCS01	-9.92	-12.34	-14.38	-15.98	-17.10	-17.80
SO	YBADJ	120DCS01	16.54	18.82	20.53	21.62	22.05	21.81
SO	YBADJ	120DCS01	20.91	19.38	17.20	14.44	11.29	7.80
SO	YBADJ	120DCS01	4.07	0.22	-3.64	-7.38	-10.91	-14.10
SO	YBADJ	120DCS01	-16.54	-18.82	-20.53	-21.62	-22.05	-21.81
SO	YBADJ	120DCS01	-20.91	-19.38	-17.20	-14.44	-11.29	-7.80
SO	YBADJ	120DCS01	-4.07	-0.22	3.64	7.38	10.91	14.10
SO	BUILDHGT	730GHS01	29.26	29.26	29.26	29.26	29.26	29.26
SO	BUILDHGT	730GHS01	29.26	29.26	29.26	29.26	29.26	29.26
SO	BUILDHGT	730GHS01	29.26	29.26	29.26	29.26	29.26	29.26
SO	BUILDHGT	730GHS01	29.26	29.26	29.26	29.26	29.26	29.26
SO	BUILDHGT	730GHS01	29.26	29.26	29.26	29.26	29.26	29.26
SO	BUILDHGT	730GHS01	29.26	29.26	29.26	29.26	29.26	29.26
SO	BUILDWID	730GHS01	29.91	34.71	38.46	41.04	42.37	42.41
SO	BUILDWID	730GHS01	41.17	38.67	35.00	38.67	41.17	42.41
SO	BUILDWID	730GHS01	42.37	41.04	38.46	34.71	29.91	24.20
SO	BUILDWID	730GHS01	29.91	34.71	38.46	41.04	42.37	72.39
SO	BUILDWID	730GHS01	73.79	72.95	70.00	73.11	41.17	42.41
SO	BUILDWID	730GHS01	42.37	41.04	38.46	34.71	29.91	24.20
SO	BUILDLEN	730GHS01	38.67	41.17	42.41	42.37	41.04	38.46
SO	BUILDLEN	730GHS01	34.71	29.91	24.20	29.91	34.71	38.46
SO	BUILDLEN	730GHS01	41.04	42.37	42.41	41.17	38.67	35.00
SO	BUILDLEN	730GHS01	38.67	41.17	42.41	42.37	41.04	56.25
SO	BUILDLEN	730GHS01	47.02	36.36	24.60	35.48	34.71	38.46
SO	BUILDLEN	730GHS01	41.04	42.37	42.41	41.17	38.67	35.00
SO	XBADJ	730GHS01	-27.84	-30.53	-32.29	-33.08	-32.86	-31.64
SO	XBADJ	730GHS01	-29.45	-26.38	-22.50	-24.02	-24.80	-24.84
SO	XBADJ	730GHS01	-24.11	-22.66	-20.52	-17.75	-14.44	-10.70
SO	XBADJ	730GHS01	-10.83	-10.64	-10.12	-9.29	-8.18	-136.65
SO	XBADJ	730GHS01	-137.16	-133.51	-125.80	-126.29	-9.91	-13.62
SO	XBADJ	730GHS01	-16.92	-19.71	-21.89	-23.42	-24.23	-24.30
SO	YBADJ	730GHS01	9.06	7.45	5.61	3.60	1.48	-0.69
SO	YBADJ	730GHS01	-2.83	-4.89	-6.80	-8.50	-9.95	-11.09
SO	YBADJ	730GHS01	-11.89	-12.34	-12.41	-12.10	-11.42	-10.40
SO	YBADJ	730GHS01	-9.06	-7.45	-5.61	-3.60	-1.48	39.13
SO	YBADJ	730GHS01	19.63	-0.47	-20.50	-39.85	9.95	11.09
SO	YBADJ	730GHS01	11.89	12.34	12.41	12.10	11.42	10.40
SO	BUILDHGT	730GHS02	29.26	29.26	29.26	29.26	29.26	29.26
SO	BUILDHGT	730GHS02	29.26	29.26	29.26	29.26	29.26	29.26
SO	BUILDHGT	730GHS02	29.26	29.26	29.26	29.26	29.26	29.26
SO	BUILDHGT	730GHS02	29.26	29.26	29.26	29.26	29.26	29.26
SO	BUILDHGT	730GHS02	29.26	29.26	29.26	29.26	29.26	29.26
SO	BUILDHGT	730GHS02	29.26	29.26	29.26	29.26	29.26	29.26
SO	BUILDWID	730GHS02	29.91	34.71	38.46	41.04	42.37	42.41
SO	BUILDWID	730GHS02	41.17	38.67	35.00	38.67	41.17	42.41
SO	BUILDWID	730GHS02	42.37	41.04	38.46	34.71	29.91	24.20
SO	BUILDWID	730GHS02	29.91	34.71	38.46	41.04	42.37	72.39
SO	BUILDWID	730GHS02	73.79	72.95	70.00	73.11	74.10	42.41
SO	BUILDWID	730GHS02	42.37	41.04	38.46	34.71	29.91	24.20
SO	BUILDLEN	730GHS02	38.67	41.17	42.41	42.37	41.04	38.46
SO	BUILDLEN	730GHS02	34.71	29.91	24.20	29.91	34.71	38.46
SO	BUILDLEN	730GHS02	41.04	42.37	42.41	41.17	38.67	35.00
SO	BUILDLEN	730GHS02	38.67	41.17	42.41	42.37	41.04	56.25
SO	BUILDLEN	730GHS02	47.02	36.36	24.60	35.48	46.18	38.46
SO	BUILDLEN	730GHS02	41.04	42.37	42.41	41.17	38.67	35.00
SO	XBADJ	730GHS02	-35.48	-37.79	-38.95	-38.92	-37.72	-35.36
SO	XBADJ	730GHS02	-31.93	-27.54	-22.30	-22.46	-21.95	-20.76
SO	XBADJ	730GHS02	-18.95	-16.56	-13.66	-10.35	-6.73	-2.90
SO	XBADJ	730GHS02	-3.19	-3.37	-3.46	-3.44	-3.32	-132.92
SO	XBADJ	730GHS02	-134.68	-132.35	-126.00	-127.84	-125.90	-17.70
SO	XBADJ	730GHS02	-22.09	-25.81	-28.75	-30.81	-31.94	-32.10
SO	YBADJ	730GHS02	7.51	4.59	1.53	-1.57	-4.63	-7.54

SO YBADJ	730GHS02	-10.23	-12.61	-14.60	-16.15	-17.21	-17.74
SO YBADJ	730GHS02	-17.74	-17.20	-16.13	-14.58	-12.58	-10.20
SO YBADJ	730GHS02	-7.51	-4.59	-1.53	1.57	4.63	45.98
SO YBADJ	730GHS02	27.03	7.25	-12.70	-32.20	-50.77	17.74
SO YBADJ	730GHS02	17.74	17.20	16.13	14.58	12.58	10.20
SO BUILDHGT	1000SG01	29.26	29.26	29.26	29.26	29.26	29.26
SO BUILDHGT	1000SG01	29.26	29.26	29.26	29.26	29.26	29.26
SO BUILDHGT	1000SG01	29.26	29.26	29.26	29.26	29.26	12.50
SO BUILDHGT	1000SG01	29.26	29.26	29.26	29.26	29.26	29.26
SO BUILDHGT	1000SG01	29.26	29.26	29.26	29.26	29.26	29.26
SO BUILDHGT	1000SG01	29.26	29.26	29.26	29.26	29.26	12.50
SO BUILDWID	1000SG01	35.48	46.18	55.47	63.09	68.78	72.39
SO BUILDWID	1000SG01	73.79	72.95	70.00	73.11	74.10	72.84
SO BUILDWID	1000SG01	69.36	63.78	56.25	47.02	36.36	47.80
SO BUILDWID	1000SG01	35.48	46.18	55.47	63.09	68.78	72.39
SO BUILDWID	1000SG01	73.79	72.95	70.00	73.11	74.10	72.84
SO BUILDWID	1000SG01	69.36	63.78	56.25	47.02	36.36	47.80
SO BUILDLEN	1000SG01	73.11	74.10	72.84	69.36	63.78	56.25
SO BUILDLEN	1000SG01	47.02	36.36	24.60	35.48	46.18	55.47
SO BUILDLEN	1000SG01	63.09	68.78	72.39	73.79	72.95	70.10
SO BUILDLEN	1000SG01	73.11	74.10	72.84	69.36	63.78	56.25
SO BUILDLEN	1000SG01	47.02	36.36	24.60	35.48	46.18	55.47
SO BUILDLEN	1000SG01	63.09	68.78	72.39	73.79	72.95	70.10
SO XBADJ	1000SG01	-14.27	-20.70	-26.51	-31.51	-35.55	-38.51
SO XBADJ	1000SG01	-40.31	-40.87	-40.20	-49.67	-58.43	-65.42
SO XBADJ	1000SG01	-70.42	-73.28	-73.91	-72.30	-68.49	-62.50
SO XBADJ	1000SG01	-58.84	-53.40	-46.33	-37.85	-28.22	-17.74
SO XBADJ	1000SG01	-6.72	4.51	15.60	14.19	12.26	9.95
SO XBADJ	1000SG01	7.33	4.50	1.53	-1.49	-4.46	-7.60
SO YBADJ	1000SG01	31.93	35.35	37.68	38.88	38.89	37.72
SO YBADJ	1000SG01	35.41	32.01	27.60	22.29	16.35	9.91
SO YBADJ	1000SG01	3.17	-3.66	-10.39	-16.79	-22.69	-16.30
SO YBADJ	1000SG01	-31.93	-35.35	-37.68	-38.88	-38.89	-37.72
SO YBADJ	1000SG01	-35.41	-32.01	-27.60	-22.29	-16.35	-9.91
SO YBADJ	1000SG01	-3.17	3.66	10.39	16.79	22.69	16.30
SO BUILDHGT	1000SG02	29.26	29.26	29.26	29.26	29.26	29.26
SO BUILDHGT	1000SG02	29.26	29.26	29.26	29.26	29.26	29.26
SO BUILDHGT	1000SG02	29.26	29.26	29.26	29.26	29.26	12.50
SO BUILDHGT	1000SG02	29.26	29.26	29.26	29.26	29.26	29.26
SO BUILDHGT	1000SG02	29.26	29.26	29.26	29.26	29.26	29.26
SO BUILDHGT	1000SG02	29.26	29.26	29.26	29.26	29.26	12.50
SO BUILDWID	1000SG02	35.48	46.18	55.47	63.09	68.78	72.39
SO BUILDWID	1000SG02	73.79	72.95	70.00	73.11	74.10	72.84
SO BUILDWID	1000SG02	69.36	63.78	56.25	47.02	36.36	47.80
SO BUILDWID	1000SG02	35.48	46.18	55.47	63.09	68.78	72.39
SO BUILDWID	1000SG02	73.79	72.95	70.00	73.11	74.10	72.84
SO BUILDWID	1000SG02	69.36	63.78	56.25	47.02	36.36	47.80
SO BUILDLEN	1000SG02	73.11	74.10	72.84	69.36	63.78	56.25
SO BUILDLEN	1000SG02	47.02	36.36	24.60	35.48	46.18	55.47
SO BUILDLEN	1000SG02	63.09	68.78	72.39	73.79	72.95	70.10
SO BUILDLEN	1000SG02	73.11	74.10	72.84	69.36	63.78	56.25
SO BUILDLEN	1000SG02	47.02	36.36	24.60	35.48	46.18	55.47
SO BUILDLEN	1000SG02	63.09	68.78	72.39	73.79	72.95	70.10
SO XBADJ	1000SG02	-15.25	-21.64	-27.37	-32.27	-36.19	-39.01
SO XBADJ	1000SG02	-40.65	-41.05	-40.20	-49.50	-58.09	-64.92
SO XBADJ	1000SG02	-69.78	-72.51	-73.05	-71.36	-67.51	-61.50
SO XBADJ	1000SG02	-57.86	-52.46	-45.46	-37.08	-27.58	-17.24
SO XBADJ	1000SG02	-6.38	4.68	15.60	14.02	11.91	9.45
SO XBADJ	1000SG02	6.69	3.73	0.66	-2.43	-5.45	-8.60
SO YBADJ	1000SG02	31.76	35.00	37.18	38.23	38.12	36.85
SO YBADJ	1000SG02	34.47	31.03	26.60	21.30	15.41	9.04
SO YBADJ	1000SG02	2.40	-4.31	-10.89	-17.14	-22.87	-16.30
SO YBADJ	1000SG02	-31.76	-35.00	-37.18	-38.23	-38.12	-36.85
SO YBADJ	1000SG02	-34.47	-31.03	-26.60	-21.30	-15.41	-9.04
SO YBADJ	1000SG02	-2.40	4.31	10.89	17.14	22.87	16.30
SO BUILDHGT	910PPL01	29.26	29.26	29.26	29.26	29.26	29.26
SO BUILDHGT	910PPL01	29.26	20.12	20.12	20.12	20.12	29.26
SO BUILDHGT	910PPL01	29.26	20.12	20.12	14.33	17.37	17.37
SO BUILDHGT	910PPL01	29.26	29.26	29.26	29.26	29.26	29.26
SO BUILDHGT	910PPL01	29.26	29.26	29.26	29.26	29.26	29.26
SO BUILDHGT	910PPL01	29.26	20.12	20.12	14.33	17.37	17.37

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SO BUILDWID  910PPL01      29.91     34.71     38.46     41.04     42.37     42.41
SO BUILDWID  910PPL01      73.79     80.52     77.50     80.52     81.10     72.84
SO BUILDWID  910PPL01      69.36     68.35     59.71     63.97     48.53     47.90
SO BUILDWID  910PPL01      29.91     34.71     38.46     41.04     42.37     42.41
SO BUILDWID  910PPL01      73.79     72.95     70.00     73.11     74.10     72.84
SO BUILDWID  910PPL01      69.36     68.35     59.71     63.97     48.53     47.90
SO BUILDLEN  910PPL01      38.67     41.17     42.41     42.37     41.04     38.46
SO BUILDLEN  910PPL01      47.02     37.29     24.20     37.29     49.25     55.47
SO BUILDLEN  910PPL01      63.09     74.92     79.22     91.56     87.10     80.00
SO BUILDLEN  910PPL01      38.67     41.17     42.41     42.37     41.04     38.46
SO BUILDLEN  910PPL01      47.02     36.36     24.60     35.48     46.18     55.47
SO BUILDLEN  910PPL01      63.09     74.92     79.22     91.56     87.10     80.00
SO XBADJ     910PPL01     -64.90    -69.82    -72.63    -73.23    -71.60    -67.80
SO XBADJ     910PPL01      57.66    -54.19    -44.80    -47.51    -48.77     58.12
SO XBADJ     910PPL01      47.04    -43.73    -39.29    -33.65    -26.98    -19.50
SO XBADJ     910PPL01      26.23     28.66     30.22     30.86     30.56     29.34
SO XBADJ     910PPL01    -104.68   -105.70   -103.50   -110.18   -113.62   -113.60
SO XBADJ     910PPL01    -110.13    -31.19    -39.93    -57.91    -60.12    -60.50
SO YBADJ     910PPL01      25.17     16.88      8.07     -0.98    -10.01    -18.72
SO YBADJ     910PPL01     -43.67    -13.28    -19.25    -24.64    -29.27     34.13
SO YBADJ     910PPL01      48.47    -37.42    -37.94    -29.95    -29.93    -20.85
SO YBADJ     910PPL01     -25.17    -16.88     -8.07      0.98     10.01     18.72
SO YBADJ     910PPL01      43.67     28.85     13.20     -2.79    -18.74    -34.13
SO YBADJ     910PPL01     -48.47     37.42     37.94     29.95     29.93     20.85
SO BUILDHGT  920STK01      29.26     29.26     29.26     29.26     29.26     29.26
SO BUILDHGT  920STK01      29.26     29.26     29.26     29.26     29.26     29.26
SO BUILDHGT  920STK01      29.26     29.26     29.26     29.26     29.26     12.50
SO BUILDHGT  920STK01      29.26     29.26     29.26     29.26     29.26     29.26
SO BUILDHGT  920STK01      29.26     29.26     29.26     29.26     29.26     29.26
SO BUILDHGT  920STK01      29.26     29.26     29.26     29.26     29.26     12.50
SO BUILDWID  920STK01      35.48     46.18     55.47     63.09     68.78     72.39
SO BUILDWID  920STK01      73.79     72.95     70.00     73.11     74.10     72.84
SO BUILDWID  920STK01      69.36     63.78     56.25     47.02     36.36     47.80
SO BUILDWID  920STK01      35.48     46.18     55.47     63.09     68.78     72.39
SO BUILDWID  920STK01      73.79     72.95     70.00     73.11     74.10     72.84
SO BUILDWID  920STK01      69.36     63.78     56.25     47.02     36.36     47.80
SO BUILDLEN  920STK01      73.11     74.10     72.84     69.36     63.78     56.25
SO BUILDLEN  920STK01      47.02     36.36     24.60     35.48     46.18     55.47
SO BUILDLEN  920STK01      63.09     68.78     72.39     73.79     72.95     70.10
SO BUILDLEN  920STK01      73.11     74.10     72.84     69.36     63.78     56.25
SO BUILDLEN  920STK01      47.02     36.36     24.60     35.48     46.18     55.47
SO BUILDLEN  920STK01      63.09     68.78     72.39     73.79     72.95     70.10
SO XBADJ     920STK01     -38.48    -43.60    -47.39    -49.74    -50.57    -49.87
SO XBADJ     920STK01     -47.66    -44.00    -39.00    -44.18    -48.82    -51.98
SO XBADJ     920STK01     -53.56    -53.51    -51.84    -48.59    -43.86    -37.70
SO XBADJ     920STK01     -34.63    -30.50    -25.45    -19.62    -13.20     -6.38
SO XBADJ     920STK01       0.64      7.63     14.40      8.71      2.65     -3.49
SO XBADJ     920STK01      -9.53    -15.27    -20.55    -25.20    -29.09    -32.40
SO YBADJ     920STK01      26.44     25.74     24.24     22.02     19.12     15.64
SO YBADJ     920STK01      11.69      7.38      2.80     -1.93     -6.55    -10.97
SO YBADJ     920STK01     -15.06    -18.69    -21.75    -24.15    -25.82    -15.10
SO YBADJ     920STK01     -26.44    -25.74    -24.24    -22.02    -19.12    -15.64
SO YBADJ     920STK01     -11.69     -7.38     -2.80      1.93      6.55     10.97
SO YBADJ     920STK01      15.06     18.69     21.75     24.15     25.82     15.10
SO AREAVERT  WIND3     694915.0 4237092.0  694899.6 4236738.4
SO AREAVERT  WIND3     695345.5 4236715.3  695357.0 4237076.6
SO AREAVERT  WIND1A    695404.0 4235648.1  695402.3 4235617.0
SO AREAVERT  WIND1A    695302.2 4235685.2  695302.2 4235698.8
SO AREAVERT  WIND1A    695354.1 4235696.3
SO AREAVERT  WIND1B    695315.4 4235514.8  695399.7 4235595.7
SO AREAVERT  WIND1B    695395.0 4235494.7  695316.2 4235496.9
SO AREAVERT  WIND1C    695302.6 4235675.1  695310.3 4235522.4
SO AREAVERT  WIND1C    695397.2 4235607.1
SO EMISFACT  MONRD1    HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD1    HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD2    HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD2    HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD3    HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD3    HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD4    HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD4    HROFDY  1  0  0  0  0  0  0
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SO EMISFACT  MONRD5    HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD5    HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD6    HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD6    HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD7    HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD7    HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD8    HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD8    HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD9    HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD9    HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD10   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD10   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD11   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD11   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD12   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD12   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD13   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD13   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD14   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD14   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD15   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD15   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD16   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD16   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD17   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD17   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD18   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD18   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD19   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD19   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD20   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD20   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD21   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD21   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD22   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD22   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD23   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD23   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD24   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD24   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD25   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD25   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD26   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD26   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD27   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD27   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD28   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD28   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD29   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD29   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD30   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD30   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD31   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD31   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD32   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD32   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD33   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD33   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD34   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD34   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD35   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD35   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD36   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD36   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD37   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD37   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD38   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD38   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD39   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD39   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD40   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
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SO EMISFACT  MONRD40   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD41   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD41   HROFDY  1  0  0  0  0  0  0
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SO EMISFACT  MONRD42   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD43   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD43   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD44   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD44   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD45   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD45   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD46   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD46   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD47   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD47   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD48   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD48   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD49   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD49   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD50   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD50   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD51   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD51   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD52   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD52   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD53   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD53   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD54   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD54   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD55   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD55   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD56   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD56   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD57   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD57   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD58   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD58   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD59   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD59   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD60   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD60   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD61   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD61   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD62   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD62   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD63   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD63   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD64   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD64   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD65   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD65   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD66   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD66   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD67   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD67   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD68   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD68   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD69   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD69   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD70   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD70   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD71   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD71   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD72   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD72   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD73   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD73   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD74   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD74   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD75   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD75   HROFDY  1  0  0  0  0  0  0
```

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SO EMISFACT  MONRD76   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD76   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD77   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD77   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD78   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD78   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD79   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD79   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD80   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD80   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD81   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD81   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD82   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD82   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD83   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD83   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD84   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD84   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD85   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD85   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD86   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD86   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD87   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD87   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD88   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD88   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD89   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD89   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD90   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD90   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD91   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD91   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD92   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD92   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD93   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD93   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD94   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD94   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD95   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD95   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD96   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD96   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD97   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD97   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD98   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD98   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD99   HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD99   HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD100  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD100  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD101  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD101  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD102  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD102  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD103  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD103  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD104  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD104  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD105  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD105  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD106  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD106  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD107  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD107  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD108  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD108  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD109  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD109  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD110  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD110  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD111  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
```

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SO EMISFACT  MONRD111  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD112  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD112  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD113  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD113  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD114  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD114  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD115  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD115  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD116  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD116  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD117  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD117  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD118  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD118  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD119  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD119  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD120  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD120  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD121  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD121  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD122  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD122  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD123  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD123  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD124  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD124  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD125  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD125  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD126  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD126  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD127  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD127  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD128  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD128  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD129  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD129  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD130  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD130  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD131  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD131  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD132  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD132  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD133  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD133  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD134  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD134  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD135  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD135  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD136  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD136  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD137  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD137  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD138  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD138  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD139  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD139  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD140  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD140  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD141  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD141  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD142  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD142  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD143  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD143  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD144  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD144  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD145  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD145  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD146  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD146  HROFDY  1  0  0  0  0  0  0
```

SO	EMISFACT	MONRD147	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD147	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD148	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD148	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD149	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD149	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD150	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD150	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD151	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD151	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD152	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD152	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD153	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD153	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD154	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD154	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD155	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD155	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD156	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD156	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD157	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD157	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD158	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD158	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD159	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD159	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD160	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD160	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD161	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD161	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD162	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD162	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD163	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD163	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD164	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD164	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD165	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD165	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD166	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD166	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD167	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD167	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD168	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD168	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD169	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD169	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD170	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD170	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD171	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD171	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD172	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD172	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD173	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD173	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD174	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD174	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD175	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD175	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD176	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD176	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD177	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD177	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD178	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD178	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD179	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD179	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD180	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD180	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD181	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
SO	EMISFACT	MONRD181	HROFDY	1	0	0	0	0	0	0										
SO	EMISFACT	MONRD182	HROFDY	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1

```
SO EMISFACT  MONRD182  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD183  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD183  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD184  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD184  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD185  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD185  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD186  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD186  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD187  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD187  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD188  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD188  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD189  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD189  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD190  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD190  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD191  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD191  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD192  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD192  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD193  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD193  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD194  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD194  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD195  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD195  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD196  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD196  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD197  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD197  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD198  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD198  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD199  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD199  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD200  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD200  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD201  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD201  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD202  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD202  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD203  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD203  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD204  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD204  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD205  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD205  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD206  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD206  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  MONRD207  HROFDY  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
SO EMISFACT  MONRD207  HROFDY  1  0  0  0  0  0  0
SO EMISFACT  WIND2A    WSPEED  0  0  0  7.87  7.87  7.87
SO EMISFACT  WIND2B    WSPEED  0  0  0  7.87  7.87  7.87
SO EMISFACT  WIND3     WSPEED  0  0  0  7.87  7.87  7.87
SO EMISFACT  WIND1A    WSPEED  0  0  0  7.87  7.87  7.87
SO EMISFACT  WIND1B    WSPEED  0  0  0  7.87  7.87  7.87
SO EMISFACT  WIND1C    WSPEED  0  0  0  7.87  7.87  7.87
SO SRCGROUP  ALL
SO SRCGROUP  TAILWIND  WIND2A
SO FINISHED

RE STARTING
RE ELEVUNIT  METERS
RE DISCCART  780179.3  4203686.8  2681.39  4211.12
** RCPDESCR  Telluride Receptor
RE DISCCART  718480.6  4227194.5  1868.37  1868.37
** RCPDESCR  25 km Receptor
RE DISCCART  741842.6  4218294.1  2338.46  2338.46
** RCPDESCR  50 km Receptor
RE DISCCART  765204.6  4209393.7  2993.53  4186.66
** RCPDESCR  75 km Receptor
```

```
RE DISCCART  788566.6  4200493.2  3481.79  4119.18
** RCPDESCR  100 km Receptor
RE FINISHED

ME STARTING
ME SURFFILE  "C:\Regional Dust Model\Met Data\EFRSURFACE_2.SFC"
** SURFFILE  "C:\Regional Dust Model\Met Data\EFRSURFACE_2.SFC"
ME PROFFILE  "C:\Regional Dust Model\Met Data\EFRPFL_2.PFL"
** PROFFILE  "C:\Regional Dust Model\Met Data\EFRPFL_2.PFL"
ME SURFDATA  0  2008  EFR_SITE
ME UAIRDATA  23066  2008  GRAND_JUNCTION
ME PROFBASE  1652
ME STARTEND  2008  4  1  1  2009  3  31  24
ME WINDCATS  1.54  3.09  5.36  8.23  10.8
ME FINISHED

OU STARTING
OU RECTABLE  1  FIRST
OU RECTABLE  24  FIRST
OU FILEFORM FIX
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   ********
 SO W320   880 PPARM :Input Parameter May Be Out-of-Range for Parameter       VS
 SO W320   881 PPARM :Input Parameter May Be Out-of-Range for Parameter       VS

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

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

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

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

**Model Uses RURAL Dispersion Only.

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

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates  2 Short Term Average(s) of:   1-HR  24-HR

**This Run Includes:    430 Source(s);       2 Source Group(s); and       5 Receptor(s)

**The Model Assumes A Pollutant Type of:  OTHER

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

**Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE 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) =  1652.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                ;  Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =      4.4 MB of RAM.
```

**MODELOPTs: RegDFAULT CONC ELEV

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
110STK01	0	0.42000E-03	695281.2	4235601.2	1690.4	10.67	0.00	15.77	1.22	YES	NO	NO	
120DCS01	0	0.24900E-03	695224.5	4235598.9	1691.1	10.67	0.00	12.94	0.30	YES	NO	NO	
730GHS01	0	0.12600E-03	695096.9	4235595.6	1689.8	32.31	380.00	14.55	0.20	YES	NO	NO	
730GHS02	0	0.60900E-02	695096.7	4235603.4	1690.0	32.31	394.00	18.19	0.41	YES	NO	NO	
1000SG01	0	0.14300E-01	695238.3	4235588.5	1691.1	10.67	753.00	74.99	0.25	YES	NO	NO	
1000SG02	0	0.14300E-01	695238.3	4235589.5	1691.0	10.67	753.00	74.99	0.25	YES	NO	NO	
910PPL01	0	0.76700E-03	695119.2	4235629.3	1690.6	10.67	828.00	44.30	0.13	YES	NO	NO	
920STK01	0	0.23600E-01	695237.1	4235613.3	1690.6	30.48	508.00	0.98	1.22	YES	NO	NO	

**MODELOPTs: RegDFAULT CONC ELEV

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
PMAIN1	0	0.11100E-04	695814.1	4237167.5	1653.8	2.00	45.72	7.92	122.00	3.00	NO	
UPMAIN1	0	0.46900E-04	695789.6	4237128.0	1653.9	2.00	79.20	7.92	122.00	3.00	NO	
UPMAIN2	0	0.46900E-04	695747.9	4237060.1	1654.8	2.00	79.20	7.92	122.00	3.00	NO	
UPMAIN3	0	0.46900E-04	695705.4	4236992.5	1657.5	2.00	79.20	7.92	122.00	3.00	NO	
UPMAIN4	0	0.46900E-04	695662.8	4236922.2	1660.0	2.00	28.50	7.92	106.00	3.00	NO	
UPMAIN5	0	0.46900E-04	695655.3	4236892.5	1660.4	2.00	79.20	7.92	93.00	3.00	NO	
UPMAIN6	0	0.39400E-04	695650.8	4236813.0	1660.1	2.00	79.20	7.92	93.00	3.00	NO	
UPMAIN7	0	0.39400E-04	695646.7	4236733.4	1659.3	2.00	79.20	7.92	92.00	3.00	NO	
UPMAIN8	0	0.39400E-04	695643.6	4236653.8	1659.5	2.00	79.20	7.92	92.00	3.00	NO	
UPMAIN9	0	0.39400E-04	695640.4	4236574.1	1661.0	2.00	79.20	7.92	92.00	3.00	NO	
UPMAIN10	0	0.39400E-04	695637.6	4236494.5	1663.8	2.00	79.20	7.92	93.00	3.00	NO	
UPMAIN11	0	0.39400E-04	695633.7	4236414.9	1664.2	2.00	79.20	7.92	92.00	3.00	NO	
UPMAIN12	0	0.39400E-04	695630.8	4236335.0	1668.2	2.00	79.20	7.92	92.00	3.00	NO	
UPMAIN13	0	0.39400E-04	695627.8	4236255.4	1672.1	2.00	79.20	7.92	92.00	3.00	NO	
UPMAIN14	0	0.39400E-04	695625.3	4236175.8	1674.8	2.00	79.20	7.92	92.00	3.00	NO	
UPMAIN15	0	0.39400E-04	695622.4	4236096.2	1678.4	2.00	79.20	7.92	92.00	3.00	NO	
UPMAIN16	0	0.39400E-04	695619.2	4236016.7	1677.8	2.00	79.20	7.92	92.00	3.00	NO	
UPMAIN17	0	0.39400E-04	695616.9	4235937.1	1680.0	2.00	79.20	7.92	92.00	3.00	NO	
UPMAIN18	0	0.39400E-04	695613.9	4235857.5	1682.4	2.00	79.20	7.92	92.00	3.00	NO	
UPMAIN19	0	0.39400E-04	695611.4	4235777.8	1684.5	2.00	79.20	7.92	92.00	3.00	NO	
UPMAIN20	0	0.39100E-04	695608.0	4235698.4	1686.2	2.00	79.20	7.92	92.00	3.00	NO	
UPMAIN21	0	0.33900E-04	695605.4	4235619.0	1688.3	2.00	79.20	7.92	93.00	3.00	NO	
UPMAIN22	0	0.33900E-04	695601.4	4235539.4	1690.2	2.00	46.70	7.92	110.00	3.00	NO	
UPMAIN23	0	0.33900E-04	695584.7	4235495.1	1691.6	2.00	43.90	7.92	133.00	3.00	NO	
UPMAIN24	0	0.33900E-04	695553.9	4235462.5	1693.0	2.00	41.60	7.92	156.00	3.00	NO	
UPMAIN25	0	0.33900E-04	695515.5	4235444.9	1694.1	2.00	40.40	7.92	175.00	3.00	NO	
UPMAIN26	0	0.28400E-04	695474.7	4235441.6	1694.5	2.00	79.20	7.92	-179.00	3.00	NO	
UPMAIN27	0	0.28400E-04	695395.1	4235443.8	1694.6	2.00	79.20	7.92	-178.00	3.00	NO	
UPMAIN28	0	0.28400E-04	695315.3	4235447.0	1694.5	2.00	79.20	7.92	-179.00	3.00	NO	
UPMAIN29	0	0.26100E-06	695235.6	4235448.9	1695.0	2.00	79.20	7.92	-177.00	3.00	NO	
UPMAIN30	0	0.26100E-06	695155.8	4235452.3	1694.5	2.00	79.20	7.92	-178.00	3.00	NO	
UPMAIN31	0	0.26100E-06	695076.1	4235455.4	1693.2	2.00	31.10	7.92	-172.00	3.00	NO	
UPMAIN32	0	0.26100E-06	695044.8	4235459.6	1692.6	2.00	30.20	7.92	-147.00	3.00	NO	
UPMAIN33	0	0.26100E-06	695019.1	4235476.7	1692.0	2.00	31.30	7.92	-121.00	3.00	NO	
UPMAIN34	0	0.26100E-06	695003.1	4235504.0	1691.2	2.00	37.00	7.92	-96.00	3.00	NO	
UPMAIN35	0	0.26100E-06	694999.7	4235541.7	1690.0	2.00	79.20	7.92	-88.00	3.00	NO	
UPMAIN36	0	0.26100E-06	694995.1	4235621.6	1686.2	2.00	75.00	7.92	3.00	3.00	NO	
UPMAIN37	0	0.75600E-05	695657.6	4236794.1	1659.7	2.00	79.20	7.92	45.00	3.00	NO	
UPMAIN38	0	0.75600E-05	695713.5	4236737.9	1659.2	2.00	79.20	7.92	45.00	3.00	NO	
UPMAIN39	0	0.26100E-06	695607.6	4235700.3	1686.2	2.00	79.20	7.92	-178.00	3.00	NO	

**MODELOPTs: RegDFAULT CONC ELEV

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
UPMAIN40	0	0.26100E-06	695527.7	4235702.8	1686.8	2.00	79.20	7.92	-178.00	3.00	NO	
UPMAIN41	0	0.26100E-06	695448.1	4235705.4	1687.1	2.00	45.00	7.92	-178.00	3.00	NO	
UPMAIN42	0	0.26100E-06	695396.0	4235704.5	1687.1	2.00	31.70	7.92	140.00	3.00	NO	
UPMAIN43	0	0.52200E-05	695605.2	4235639.6	1687.7	2.00	79.20	7.92	-178.00	3.00	NO	
UPMAIN44	0	0.52200E-05	695525.4	4235642.0	1688.5	2.00	79.20	7.92	-178.00	3.00	NO	
UPMAIN45	0	0.54800E-05	695404.5	4235480.5	1693.5	2.00	65.60	7.92	36.00	3.00	NO	
UPMAIN46	0	0.52200E-05	695422.2	4235483.3	1693.3	2.00	70.70	7.92	-88.00	3.00	NO	
UPMAIN47	0	0.28200E-04	695241.0	4235455.8	1694.8	2.00	79.20	7.92	-153.00	3.00	NO	
UPMAIN48	0	0.28200E-04	695170.7	4235492.3	1693.6	2.00	79.20	7.92	-153.00	3.00	NO	
ORERD1	0	0.88200E-04	695403.7	4235612.4	1689.6	2.00	30.48	3.05	-145.00	3.00	NO	
ORERD2	0	0.88200E-04	695378.7	4235629.9	1688.9	2.00	30.48	3.05	-145.00	3.00	NO	
ORERD3	0	0.88200E-04	695353.8	4235647.4	1688.6	2.00	30.48	3.05	-145.00	3.00	NO	
ORERD4	0	0.88200E-04	695328.8	4235664.8	1688.5	2.00	30.48	3.05	-145.00	3.00	NO	
ORERD5	0	0.88200E-04	695400.0	4235602.7	1689.8	2.00	30.48	3.05	136.00	3.00	NO	
ORERD6	0	0.88200E-04	695378.1	4235581.5	1689.9	2.00	30.48	3.05	136.00	3.00	NO	
ORERD7	0	0.88200E-04	695356.1	4235560.4	1690.7	2.00	30.48	3.05	136.00	3.00	NO	
ORERD8	0	0.88200E-04	695334.2	4235539.2	1691.5	2.00	30.48	3.05	136.00	3.00	NO	
SECRD1	0	0.23300E-04	695226.7	4235791.0	1685.0	2.00	30.48	3.05	3.00	3.00	NO	
SECRD2	0	0.23300E-04	695257.1	4235789.3	1684.7	2.00	30.48	3.05	3.00	3.00	NO	
SECRD3	0	0.23300E-04	695287.6	4235787.6	1684.2	2.00	30.48	3.05	3.00	3.00	NO	
SECRD4	0	0.23300E-04	695318.0	4235785.9	1684.3	2.00	30.48	3.05	3.00	3.00	NO	
SECRD5	0	0.23300E-04	695348.4	4235784.2	1684.5	2.00	30.48	3.05	3.00	3.00	NO	
SECRD6	0	0.23300E-04	695378.9	4235782.5	1684.7	2.00	30.48	3.05	3.00	3.00	NO	
SECRD7	0	0.23300E-04	695409.3	4235780.8	1684.9	2.00	30.48	3.05	3.00	3.00	NO	
SECRD8	0	0.23300E-04	695439.7	4235779.1	1685.1	2.00	30.48	3.05	3.00	3.00	NO	
SECRD9	0	0.23300E-04	695470.2	4235777.3	1685.3	2.00	30.48	3.05	3.00	3.00	NO	
SECRD10	0	0.23300E-04	695500.6	4235775.6	1685.2	2.00	30.48	3.05	3.00	3.00	NO	
SECRD11	0	0.23300E-04	695531.0	4235773.9	1685.1	2.00	30.48	3.05	3.00	3.00	NO	
SECRD12	0	0.23300E-04	695563.4	4235772.2	1684.9	2.00	27.00	3.05	-34.00	3.00	NO	
SECRD13	0	0.23300E-04	695585.7	4235790.2	1684.3	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD14	0	0.23300E-04	695586.7	4235820.7	1683.6	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD15	0	0.23300E-04	695587.7	4235851.1	1682.8	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD16	0	0.23300E-04	695589.1	4235881.6	1681.9	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD17	0	0.23300E-04	695590.4	4235912.0	1681.0	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD18	0	0.23300E-04	695591.7	4235942.5	1679.9	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD19	0	0.23300E-04	695593.0	4235972.9	1678.7	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD20	0	0.23300E-04	695594.4	4236003.4	1677.8	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD21	0	0.23300E-04	695595.7	4236033.8	1677.2	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD22	0	0.23300E-04	695597.0	4236064.3	1677.3	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD23	0	0.23300E-04	695598.4	4236094.7	1677.1	2.00	30.48	3.05	-88.00	3.00	NO	

**MODELOPTs: RegDFAULT CONC ELEV

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
SECRD24	0	0.23300E-04	695599.7	4236125.2	1676.6	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD25	0	0.23300E-04	695601.0	4236155.6	1674.9	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD26	0	0.23300E-04	695602.3	4236186.1	1673.2	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD27	0	0.23300E-04	695603.7	4236216.5	1672.3	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD28	0	0.23300E-04	695605.0	4236247.0	1671.7	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD29	0	0.23300E-04	695606.3	4236277.4	1670.4	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD30	0	0.23300E-04	695607.7	4236307.9	1668.3	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD31	0	0.23300E-04	695609.0	4236338.3	1666.5	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD32	0	0.23300E-04	695610.3	4236368.8	1665.2	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD33	0	0.23300E-04	695611.7	4236399.2	1665.2	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD34	0	0.23300E-04	695613.0	4236429.7	1665.6	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD35	0	0.23300E-04	695614.3	4236460.1	1665.9	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD36	0	0.23300E-04	695615.6	4236490.6	1665.8	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD37	0	0.23300E-04	695617.0	4236521.0	1665.6	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD38	0	0.23300E-04	695618.3	4236551.5	1663.4	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD39	0	0.23300E-04	695619.6	4236582.0	1661.8	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD40	0	0.23300E-04	695621.0	4236612.4	1661.0	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD41	0	0.23300E-04	695622.3	4236642.9	1660.3	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD42	0	0.23300E-04	695623.6	4236673.3	1659.3	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD43	0	0.23300E-04	695624.7	4236703.8	1659.5	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD44	0	0.23300E-04	695625.7	4236734.2	1660.0	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD45	0	0.23300E-04	695626.8	4236764.7	1660.4	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD46	0	0.23300E-04	695627.9	4236795.1	1660.6	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD47	0	0.23300E-04	695628.9	4236825.6	1660.8	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD48	0	0.23300E-04	695630.0	4236856.1	1661.0	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD49	0	0.23300E-04	695631.1	4236886.5	1660.9	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD50	0	0.23300E-04	695632.1	4236917.0	1660.7	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD51	0	0.23300E-04	695633.2	4236947.5	1660.4	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD52	0	0.23300E-04	695634.3	4236977.9	1660.2	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD53	0	0.23300E-04	695635.3	4237008.4	1660.0	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD54	0	0.23300E-04	695636.4	4237038.8	1660.0	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD55	0	0.23300E-04	695637.4	4237069.3	1660.2	2.00	30.48	3.05	-88.00	3.00	NO	
SECRD56	0	0.23300E-04	695638.1	4237102.6	1660.2	2.00	22.30	3.05	-149.00	3.00	NO	
SECRD57	0	0.23300E-04	695617.2	4237113.9	1660.2	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD58	0	0.23300E-04	695586.7	4237114.9	1660.0	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD59	0	0.23300E-04	695556.3	4237115.8	1659.3	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD60	0	0.23300E-04	695525.8	4237116.8	1658.5	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD61	0	0.23300E-04	695495.3	4237117.7	1657.8	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD62	0	0.23300E-04	695464.9	4237118.7	1657.2	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD63	0	0.23300E-04	695434.4	4237119.6	1656.7	2.00	30.48	3.05	-178.00	3.00	NO	

**MODELOPTs: RegDFAULT CONC ELEV

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
SECRD64	0	0.23300E-04	695403.9	4237120.6	1656.3	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD65	0	0.23300E-04	695373.5	4237121.6	1656.2	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD66	0	0.23300E-04	695343.0	4237122.5	1656.5	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD67	0	0.23300E-04	695312.6	4237123.5	1657.0	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD68	0	0.23300E-04	695282.1	4237124.4	1657.6	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD69	0	0.23300E-04	695251.6	4237125.4	1658.1	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD70	0	0.23300E-04	695221.2	4237126.3	1658.3	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD71	0	0.23300E-04	695190.7	4237127.3	1658.3	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD72	0	0.23300E-04	695160.2	4237128.3	1658.5	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD73	0	0.23300E-04	695129.8	4237129.2	1658.4	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD74	0	0.23300E-04	695099.3	4237130.2	1658.1	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD75	0	0.23300E-04	695068.8	4237131.1	1657.7	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD76	0	0.23300E-04	695038.4	4237132.1	1657.2	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD77	0	0.23300E-04	695007.9	4237133.0	1656.8	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD78	0	0.23300E-04	694977.4	4237134.0	1656.3	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD79	0	0.23300E-04	694947.0	4237135.0	1655.8	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD80	0	0.23300E-04	694916.5	4237135.9	1655.2	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD81	0	0.23300E-04	694886.0	4237136.9	1654.8	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD82	0	0.23300E-04	694855.6	4237137.8	1654.4	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD83	0	0.23300E-04	694825.1	4237138.8	1654.0	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD84	0	0.23300E-04	694794.6	4237139.8	1653.6	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD85	0	0.23300E-04	694764.2	4237140.7	1653.1	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD86	0	0.23300E-04	694733.7	4237141.7	1652.4	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD87	0	0.23300E-04	694703.3	4237142.6	1651.7	2.00	30.48	3.05	-178.00	3.00	NO	
SECRD88	0	0.23300E-04	694670.8	4237145.2	1651.3	2.00	30.40	3.05	150.00	3.00	NO	
SECRD89	0	0.23300E-04	694645.2	4237127.0	1652.1	2.00	30.48	3.05	91.00	3.00	NO	
SECRD90	0	0.23300E-04	694644.7	4237096.5	1652.5	2.00	30.48	3.05	91.00	3.00	NO	
SECRD91	0	0.23300E-04	694644.2	4237066.0	1653.0	2.00	30.48	3.05	91.00	3.00	NO	
SECRD92	0	0.23300E-04	694643.8	4237035.6	1653.5	2.00	30.48	3.05	91.00	3.00	NO	
SECRD93	0	0.23300E-04	694643.3	4237005.1	1653.8	2.00	30.48	3.05	91.00	3.00	NO	
SECRD94	0	0.23300E-04	694642.8	4236974.6	1654.2	2.00	30.48	3.05	91.00	3.00	NO	
SECRD95	0	0.23300E-04	694642.3	4236944.1	1654.6	2.00	30.48	3.05	92.00	3.00	NO	
SECRD96	0	0.23300E-04	694641.5	4236913.7	1654.9	2.00	30.48	3.05	92.00	3.00	NO	
SECRD97	0	0.23300E-04	694640.7	4236883.2	1655.4	2.00	30.48	3.05	92.00	3.00	NO	
SECRD98	0	0.23300E-04	694639.9	4236852.7	1655.9	2.00	30.48	3.05	92.00	3.00	NO	
SECRD99	0	0.23300E-04	694639.1	4236822.3	1656.5	2.00	30.48	3.05	92.00	3.00	NO	
SECRD100	0	0.23300E-04	694638.3	4236791.8	1657.1	2.00	30.48	3.05	92.00	3.00	NO	
SECRD101	0	0.23300E-04	694637.5	4236761.3	1657.8	2.00	30.48	3.05	92.00	3.00	NO	
SECRD102	0	0.23300E-04	694635.2	4236729.2	1658.6	2.00	29.50	3.05	64.00	3.00	NO	
SECRD103	0	0.23300E-04	694651.0	4236702.5	1659.4	2.00	30.48	3.05	1.00	3.00	NO	

**MODELOPTs: RegDFAULT CONC ELEV

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
SECRD104	0	0.23300E-04	694681.5	4236702.2	1659.5	2.00	30.48	3.05	1.00	3.00	NO	
SECRD105	0	0.23300E-04	694712.0	4236702.0	1659.8	2.00	30.48	3.05	1.00	3.00	NO	
SECRD106	0	0.23300E-04	694742.4	4236701.7	1659.7	2.00	30.48	3.05	1.00	3.00	NO	
SECRD107	0	0.23300E-04	694772.9	4236701.4	1659.3	2.00	30.48	3.05	1.00	3.00	NO	
SECRD108	0	0.23300E-04	694803.4	4236701.2	1659.2	2.00	20.00	3.05	1.00	3.00	NO	
SECRD109	0	0.23300E-04	694823.5	4236700.9	1659.6	2.00	13.40	3.05	30.00	3.00	NO	
SECRD110	0	0.23300E-04	694834.0	4236693.7	1659.8	2.00	10.40	3.05	76.00	3.00	NO	
SECRD111	0	0.23300E-04	694836.4	4236683.6	1659.9	2.00	30.48	3.05	90.00	3.00	NO	
SECRD112	0	0.23300E-04	694836.2	4236653.1	1660.5	2.00	30.48	3.05	90.00	3.00	NO	
SECRD113	0	0.23300E-04	694836.0	4236622.6	1661.5	2.00	30.48	3.05	90.00	3.00	NO	
SECRD114	0	0.23300E-04	694835.8	4236592.2	1662.5	2.00	30.48	3.05	90.00	3.00	NO	
SECRD115	0	0.23300E-04	694835.5	4236561.7	1663.5	2.00	30.48	3.05	90.00	3.00	NO	
SECRD116	0	0.23300E-04	694835.3	4236531.2	1664.4	2.00	30.48	3.05	90.00	3.00	NO	
SECRD117	0	0.23300E-04	694835.1	4236500.7	1665.1	2.00	30.48	3.05	90.00	3.00	NO	
SECRD118	0	0.23300E-04	694834.9	4236470.2	1665.7	2.00	30.48	3.05	90.00	3.00	NO	
SECRD119	0	0.23300E-04	694834.7	4236439.8	1666.4	2.00	30.48	3.05	90.00	3.00	NO	
SECRD120	0	0.23300E-04	694834.5	4236409.3	1667.0	2.00	30.48	3.05	90.00	3.00	NO	
SECRD121	0	0.23300E-04	694834.3	4236378.8	1667.5	2.00	30.48	3.05	90.00	3.00	NO	
SECRD122	0	0.23300E-04	694834.1	4236348.3	1668.0	2.00	30.48	3.05	90.00	3.00	NO	
SECRD123	0	0.23300E-04	694833.8	4236317.8	1669.0	2.00	30.48	3.05	90.00	3.00	NO	
SECRD124	0	0.23300E-04	694833.6	4236287.4	1670.0	2.00	30.48	3.05	90.00	3.00	NO	
SECRD125	0	0.23300E-04	694833.4	4236256.9	1671.1	2.00	30.48	3.05	90.00	3.00	NO	
SECRD126	0	0.23300E-04	694833.2	4236226.4	1671.8	2.00	30.48	3.05	90.00	3.00	NO	
SECRD127	0	0.23300E-04	694833.0	4236195.9	1672.0	2.00	30.48	3.05	90.00	3.00	NO	
SECRD128	0	0.23300E-04	694832.8	4236165.5	1672.3	2.00	30.48	3.05	90.00	3.00	NO	
SECRD129	0	0.23300E-04	694832.6	4236135.0	1672.2	2.00	30.48	3.05	90.00	3.00	NO	
SECRD130	0	0.23300E-04	694832.4	4236104.5	1671.9	2.00	30.48	3.05	90.00	3.00	NO	
SECRD131	0	0.23300E-04	694832.1	4236074.0	1672.3	2.00	30.48	3.05	90.00	3.00	NO	
SECRD132	0	0.23300E-04	694831.9	4236043.5	1672.8	2.00	30.48	3.05	90.00	3.00	NO	
SECRD133	0	0.23300E-04	694831.7	4236013.1	1674.5	2.00	30.48	3.05	90.00	3.00	NO	
SECRD134	0	0.23300E-04	694831.5	4235982.6	1676.2	2.00	30.48	3.05	90.00	3.00	NO	
SECRD135	0	0.23300E-04	694831.3	4235952.1	1676.8	2.00	30.48	3.05	90.00	3.00	NO	
SECRD136	0	0.23300E-04	694832.5	4235920.2	1677.2	2.00	30.48	3.05	60.00	3.00	NO	
SECRD137	0	0.23300E-04	694847.6	4235893.7	1677.6	2.00	30.48	3.05	60.00	3.00	NO	
SECRD138	0	0.23300E-04	694862.6	4235867.2	1677.6	2.00	30.48	3.05	60.00	3.00	NO	
SECRD139	0	0.23300E-04	694877.7	4235840.7	1677.8	2.00	25.00	3.05	60.00	3.00	NO	
SECRD140	0	0.23300E-04	694891.5	4235817.8	1678.2	2.00	13.20	3.05	29.00	3.00	NO	
SECRD141	0	0.23300E-04	694904.7	4235811.1	1678.8	2.00	30.48	3.05	3.00	3.00	NO	
SECRD142	0	0.23300E-04	694935.1	4235809.4	1680.0	2.00	30.48	3.05	3.00	3.00	NO	
SECRD143	0	0.23300E-04	694965.6	4235807.7	1681.0	2.00	30.48	3.05	3.00	3.00	NO	

**MODELOPTs: RegDFAULT CONC ELEV

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
SECRD144	0	0.23300E-04	694996.0	4235806.0	1681.9	2.00	30.48	3.05	3.00	3.00	NO	
SECRD145	0	0.23300E-04	695026.4	4235804.3	1682.7	2.00	30.48	3.05	3.00	3.00	NO	
SECRD146	0	0.23300E-04	695056.9	4235802.6	1683.3	2.00	30.48	3.05	3.00	3.00	NO	
SECRD147	0	0.23300E-04	695087.3	4235800.9	1684.1	2.00	30.48	3.05	3.00	3.00	NO	
SECRD148	0	0.23300E-04	695117.7	4235799.2	1684.8	2.00	30.48	3.05	3.00	3.00	NO	
SECRD149	0	0.23300E-04	695148.2	4235797.4	1685.0	2.00	30.48	3.05	3.00	3.00	NO	
SECRD150	0	0.23300E-04	695178.6	4235795.7	1685.1	2.00	30.48	3.05	3.00	3.00	NO	
SECRD151	0	0.23300E-04	695209.2	4235793.9	1685.1	2.00	17.40	3.05	9.00	3.00	NO	
SECRD152	0	0.23300E-04	695223.0	4235791.0	1685.1	2.00	22.50	3.05	94.00	3.00	NO	
MONRD1	0	0.18100E-04	695507.5	4235435.8	1694.5	2.00	30.48	3.05	111.00	3.00	NO	HROFDY
MONRD2	0	0.18100E-04	695496.8	4235407.0	1695.6	2.00	30.48	3.05	111.00	3.00	NO	HROFDY
MONRD3	0	0.18100E-04	695486.0	4235378.0	1696.8	2.00	30.48	3.05	119.00	3.00	NO	HROFDY
MONRD4	0	0.18100E-04	695470.9	4235350.9	1697.9	2.00	30.48	3.05	130.00	3.00	NO	HROFDY
MONRD5	0	0.18100E-04	695451.0	4235327.3	1698.9	2.00	30.48	3.05	138.00	3.00	NO	HROFDY
MONRD6	0	0.18100E-04	695427.8	4235306.9	1699.8	2.00	24.80	3.05	161.00	3.00	NO	HROFDY
MONRD7	0	0.18100E-04	695404.1	4235298.1	1700.4	2.00	30.48	3.05	180.00	3.00	NO	HROFDY
MONRD8	0	0.18100E-04	695373.2	4235297.8	1700.9	2.00	30.48	3.05	179.00	3.00	NO	HROFDY
MONRD9	0	0.18100E-04	695342.4	4235297.1	1701.6	2.00	30.48	3.05	180.00	3.00	NO	HROFDY
MONRD10	0	0.18100E-04	695311.6	4235297.0	1702.3	2.00	30.48	3.05	-180.00	3.00	NO	HROFDY
MONRD11	0	0.18100E-04	695280.8	4235297.2	1702.8	2.00	30.48	3.05	180.00	3.00	NO	HROFDY
MONRD12	0	0.18100E-04	695250.0	4235297.4	1703.3	2.00	30.48	3.05	-180.00	3.00	NO	HROFDY
MONRD13	0	0.18100E-04	695219.3	4235297.8	1703.5	2.00	30.48	3.05	-179.00	3.00	NO	HROFDY
MONRD14	0	0.18100E-04	695188.4	4235298.2	1703.4	2.00	30.48	3.05	-176.00	3.00	NO	HROFDY
MONRD15	0	0.18100E-04	695157.6	4235300.3	1702.8	2.00	30.48	3.05	-175.00	3.00	NO	HROFDY
MONRD16	0	0.18100E-04	695126.9	4235302.9	1701.7	2.00	30.48	3.05	-166.00	3.00	NO	HROFDY
MONRD17	0	0.18100E-04	695096.9	4235310.4	1700.2	2.00	30.48	3.05	-167.00	3.00	NO	HROFDY
MONRD18	0	0.18100E-04	695066.8	4235317.5	1699.3	2.00	30.48	3.05	-166.00	3.00	NO	HROFDY
MONRD19	0	0.18100E-04	695036.8	4235324.6	1698.6	2.00	30.48	3.05	-166.00	3.00	NO	HROFDY
MONRD20	0	0.18100E-04	695006.9	4235332.1	1699.1	2.00	30.48	3.05	-167.00	3.00	NO	HROFDY
MONRD21	0	0.18100E-04	694976.8	4235339.1	1701.1	2.00	30.48	3.05	-166.00	3.00	NO	HROFDY
MONRD22	0	0.18100E-04	694946.8	4235346.5	1701.8	2.00	30.48	3.05	-169.00	3.00	NO	HROFDY
MONRD23	0	0.18100E-04	694916.5	4235352.2	1702.1	2.00	30.48	3.05	-171.00	3.00	NO	HROFDY
MONRD24	0	0.18100E-04	694886.0	4235356.8	1702.9	2.00	30.48	3.05	-171.00	3.00	NO	HROFDY
MONRD25	0	0.18100E-04	694855.5	4235361.5	1701.0	2.00	30.48	3.05	-171.00	3.00	NO	HROFDY
MONRD26	0	0.18100E-04	694825.1	4235366.3	1701.0	2.00	25.00	3.05	-159.00	3.00	NO	HROFDY
MONRD27	0	0.18100E-04	694801.4	4235375.5	1701.0	2.00	23.40	3.05	-133.00	3.00	NO	HROFDY
MONRD28	0	0.18100E-04	694785.2	4235392.9	1698.4	2.00	30.48	3.05	-102.00	3.00	NO	HROFDY
MONRD29	0	0.18100E-04	694778.4	4235422.9	1695.3	2.00	30.48	3.05	-104.00	3.00	NO	HROFDY
MONRD30	0	0.18100E-04	694770.8	4235452.9	1694.6	2.00	30.48	3.05	-105.00	3.00	NO	HROFDY
MONRD31	0	0.18100E-04	694762.6	4235482.7	1693.9	2.00	30.48	3.05	-105.00	3.00	NO	HROFDY

**MODELOPTs: RegDFAULT CONC ELEV

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
MONRD32	0	0.18100E-04	694754.6	4235512.6	1693.1	2.00	30.48	3.05	-105.00	3.00	NO	HROFDY
MONRD33	0	0.18100E-04	694746.7	4235542.4	1692.6	2.00	4.90	3.05	-106.00	3.00	NO	HROFDY
MONRD34	0	0.18100E-04	694744.7	4235548.9	1692.5	2.00	24.90	3.05	-136.00	3.00	NO	HROFDY
MONRD35	0	0.18100E-04	694725.7	4235567.1	1692.7	2.00	30.48	3.05	-154.00	3.00	NO	HROFDY
MONRD36	0	0.18100E-04	694697.8	4235580.8	1693.2	2.00	30.48	3.05	-160.00	3.00	NO	HROFDY
MONRD37	0	0.18100E-04	694668.7	4235591.3	1693.8	2.00	30.48	3.05	-161.00	3.00	NO	HROFDY
MONRD38	0	0.18100E-04	694639.7	4235601.4	1694.2	2.00	30.48	3.05	-163.00	3.00	NO	HROFDY
MONRD39	0	0.18100E-04	694610.2	4235610.4	1694.4	2.00	30.48	3.05	-164.00	3.00	NO	HROFDY
MONRD40	0	0.18100E-04	694580.7	4235619.2	1694.5	2.00	30.48	3.05	-163.00	3.00	NO	HROFDY
MONRD41	0	0.18100E-04	694551.2	4235628.3	1694.5	2.00	30.48	3.05	-161.00	3.00	NO	HROFDY
MONRD42	0	0.18100E-04	694521.7	4235637.5	1694.2	2.00	30.48	3.05	-146.00	3.00	NO	HROFDY
MONRD43	0	0.18100E-04	694496.1	4235654.9	1693.8	2.00	30.48	3.05	-143.00	3.00	NO	HROFDY
MONRD44	0	0.18100E-04	694471.2	4235673.3	1694.0	2.00	30.48	3.05	-139.00	3.00	NO	HROFDY
MONRD45	0	0.18100E-04	694447.2	4235694.9	1694.5	2.00	30.48	3.05	-156.00	3.00	NO	HROFDY
MONRD46	0	0.18100E-04	694418.5	4235706.2	1695.3	2.00	30.48	3.05	-160.00	3.00	NO	HROFDY
MONRD47	0	0.18100E-04	694389.5	4235717.2	1695.7	2.00	30.48	3.05	-135.00	3.00	NO	HROFDY
MONRD48	0	0.18100E-04	694368.0	4235740.0	1694.6	2.00	30.48	3.05	-111.00	3.00	NO	HROFDY
MONRD49	0	0.18100E-04	694356.8	4235768.8	1692.6	2.00	23.00	3.05	-105.00	3.00	NO	HROFDY
MONRD50	0	0.18100E-04	694351.3	4235791.4	1691.0	2.00	30.48	3.05	-87.00	3.00	NO	HROFDY
MONRD51	0	0.18100E-04	694353.9	4235822.2	1688.4	2.00	30.48	3.05	-87.00	3.00	NO	HROFDY
MONRD52	0	0.18100E-04	694355.7	4235852.9	1686.3	2.00	30.48	3.05	-87.00	3.00	NO	HROFDY
MONRD53	0	0.18100E-04	694357.9	4235883.8	1685.1	2.00	30.48	3.05	-87.00	3.00	NO	HROFDY
MONRD54	0	0.18100E-04	694359.9	4235914.8	1683.7	2.00	30.48	3.05	-88.00	3.00	NO	HROFDY
MONRD55	0	0.18100E-04	694361.6	4235945.7	1682.9	2.00	30.48	3.05	-88.00	3.00	NO	HROFDY
MONRD56	0	0.18100E-04	694362.9	4235976.6	1682.0	2.00	30.48	3.05	-88.00	3.00	NO	HROFDY
MONRD57	0	0.18100E-04	694364.0	4236007.5	1680.8	2.00	30.48	3.05	-88.00	3.00	NO	HROFDY
MONRD58	0	0.18100E-04	694365.3	4236038.2	1679.3	2.00	30.48	3.05	-87.00	3.00	NO	HROFDY
MONRD59	0	0.18100E-04	694366.7	4236069.0	1677.8	2.00	30.48	3.05	-84.00	3.00	NO	HROFDY
MONRD60	0	0.18100E-04	694369.9	4236099.6	1676.5	2.00	30.48	3.05	-84.00	3.00	NO	HROFDY
MONRD61	0	0.18100E-04	694373.3	4236130.3	1675.1	2.00	30.48	3.05	-83.00	3.00	NO	HROFDY
MONRD62	0	0.18100E-04	694378.6	4236160.3	1673.2	2.00	30.48	3.05	-80.00	3.00	NO	HROFDY
MONRD63	0	0.18100E-04	694384.7	4236190.2	1671.5	2.00	30.48	3.05	-79.00	3.00	NO	HROFDY
MONRD64	0	0.18100E-04	694390.7	4236220.1	1671.0	2.00	30.48	3.05	-79.00	3.00	NO	HROFDY
MONRD65	0	0.18100E-04	694396.8	4236249.9	1670.6	2.00	30.48	3.05	-79.00	3.00	NO	HROFDY
MONRD66	0	0.18100E-04	694402.9	4236279.8	1670.1	2.00	30.48	3.05	-79.00	3.00	NO	HROFDY
MONRD67	0	0.18100E-04	694407.1	4236310.0	1669.4	2.00	30.48	3.05	-82.00	3.00	NO	HROFDY
MONRD68	0	0.18100E-04	694411.4	4236340.2	1668.4	2.00	30.48	3.05	-82.00	3.00	NO	HROFDY
MONRD69	0	0.18100E-04	694415.6	4236370.3	1667.4	2.00	30.48	3.05	-82.00	3.00	NO	HROFDY
MONRD70	0	0.18100E-04	694419.9	4236400.5	1666.7	2.00	30.48	3.05	-82.00	3.00	NO	HROFDY
MONRD71	0	0.18100E-04	694424.1	4236430.7	1665.9	2.00	30.48	3.05	-82.00	3.00	NO	HROFDY

**MODELOPTs: RegDFAULT CONC ELEV

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
MONRD72	0	0.18100E-04	694428.4	4236460.9	1665.0	2.00	30.48	3.05	-82.00	3.00	NO	HROFDY
MONRD73	0	0.18100E-04	694432.6	4236491.1	1663.9	2.00	30.48	3.05	-82.00	3.00	NO	HROFDY
MONRD74	0	0.18100E-04	694436.8	4236521.3	1662.9	2.00	30.48	3.05	-82.00	3.00	NO	HROFDY
MONRD75	0	0.18100E-04	694440.6	4236551.5	1661.9	2.00	30.48	3.05	-83.00	3.00	NO	HROFDY
MONRD76	0	0.18100E-04	694444.5	4236582.0	1660.8	2.00	30.48	3.05	-75.00	3.00	NO	HROFDY
MONRD77	0	0.18100E-04	694452.6	4236611.8	1659.7	2.00	30.48	3.05	-70.00	3.00	NO	HROFDY
MONRD78	0	0.18100E-04	694463.7	4236640.2	1658.7	2.00	30.48	3.05	-64.00	3.00	NO	HROFDY
MONRD79	0	0.18100E-04	694477.5	4236667.7	1657.9	2.00	30.48	3.05	-63.00	3.00	NO	HROFDY
MONRD80	0	0.18100E-04	694491.2	4236695.1	1656.7	2.00	30.48	3.05	-60.00	3.00	NO	HROFDY
MONRD81	0	0.18100E-04	694506.6	4236721.7	1656.0	2.00	30.48	3.05	-59.00	3.00	NO	HROFDY
MONRD82	0	0.18100E-04	694516.9	4236739.0	1655.8	2.00	30.48	3.05	-49.00	3.00	NO	HROFDY
MONRD83	0	0.18100E-04	694537.2	4236763.9	1655.8	2.00	30.48	3.05	-85.00	3.00	NO	HROFDY
MONRD84	0	0.18100E-04	694539.3	4236791.0	1655.5	2.00	30.48	3.05	-101.00	3.00	NO	HROFDY
MONRD85	0	0.18100E-04	694533.0	4236821.1	1655.0	2.00	30.48	3.05	-102.00	3.00	NO	HROFDY
MONRD86	0	0.18100E-04	694526.4	4236851.1	1654.6	2.00	30.48	3.05	-93.00	3.00	NO	HROFDY
MONRD87	0	0.18100E-04	694525.2	4236881.7	1654.3	2.00	30.48	3.05	-89.00	3.00	NO	HROFDY
MONRD88	0	0.18100E-04	694525.8	4236912.2	1654.1	2.00	30.48	3.05	-89.00	3.00	NO	HROFDY
MONRD89	0	0.18100E-04	694526.4	4236942.6	1653.9	2.00	30.48	3.05	-89.00	3.00	NO	HROFDY
MONRD90	0	0.18100E-04	694527.0	4236973.1	1653.5	2.00	30.48	3.05	-89.00	3.00	NO	HROFDY
MONRD91	0	0.18100E-04	694527.5	4237003.6	1653.3	2.00	30.48	3.05	-89.00	3.00	NO	HROFDY
MONRD92	0	0.18100E-04	694528.1	4237034.1	1653.2	2.00	30.48	3.05	-89.00	3.00	NO	HROFDY
MONRD93	0	0.18100E-04	694528.7	4237064.5	1653.0	2.00	30.48	3.05	-89.00	3.00	NO	HROFDY
MONRD94	0	0.18100E-04	694529.3	4237095.0	1652.7	2.00	30.48	3.05	-89.00	3.00	NO	HROFDY
MONRD95	0	0.18100E-04	694529.9	4237125.5	1653.3	2.00	30.48	3.05	-89.00	3.00	NO	HROFDY
MONRD96	0	0.18100E-04	694530.3	4237156.3	1653.6	2.00	30.48	3.05	-85.00	3.00	NO	HROFDY
MONRD97	0	0.18100E-04	694533.1	4237186.6	1653.1	2.00	30.48	3.05	-85.00	3.00	NO	HROFDY
MONRD98	0	0.18100E-04	694535.9	4237217.0	1652.1	2.00	30.48	3.05	-85.00	3.00	NO	HROFDY
MONRD99	0	0.18100E-04	694538.7	4237247.3	1650.7	2.00	30.48	3.05	-85.00	3.00	NO	HROFDY
MONRD100	0	0.18100E-04	694541.7	4237277.9	1649.6	2.00	30.48	3.05	-77.00	3.00	NO	HROFDY
MONRD101	0	0.18100E-04	694548.3	4237308.2	1649.0	2.00	7.40	3.05	-53.00	3.00	NO	HROFDY
MONRD102	0	0.18100E-04	694552.8	4237311.2	1648.9	2.00	30.48	3.05	3.00	3.00	NO	HROFDY
MONRD103	0	0.18100E-04	694583.3	4237309.9	1649.2	2.00	30.48	3.05	3.00	3.00	NO	HROFDY
MONRD104	0	0.18100E-04	694613.7	4237308.5	1649.3	2.00	30.48	3.05	3.00	3.00	NO	HROFDY
MONRD105	0	0.18100E-04	694644.2	4237307.2	1649.6	2.00	30.48	3.05	3.00	3.00	NO	HROFDY
MONRD106	0	0.18100E-04	694674.6	4237305.9	1650.0	2.00	30.48	3.05	3.00	3.00	NO	HROFDY
MONRD107	0	0.18100E-04	694705.1	4237304.6	1650.6	2.00	30.48	3.05	3.00	3.00	NO	HROFDY
MONRD108	0	0.18100E-04	694735.5	4237303.2	1651.3	2.00	30.48	3.05	3.00	3.00	NO	HROFDY
MONRD109	0	0.18100E-04	694766.0	4237301.9	1652.0	2.00	30.48	3.05	3.00	3.00	NO	HROFDY
MONRD110	0	0.18100E-04	694796.4	4237300.6	1652.6	2.00	30.48	3.05	3.00	3.00	NO	HROFDY
MONRD111	0	0.18100E-04	694827.1	4237299.3	1653.1	2.00	30.48	3.05	0.00	3.00	NO	HROFDY

**MODELOPTs: RegDFAULT CONC ELEV

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
MONRD112	0	0.18100E-04	694857.6	4237299.3	1653.7	2.00	30.48	3.05	0.00	3.00	NO	HROFDY
MONRD113	0	0.18100E-04	694888.1	4237299.3	1654.3	2.00	30.48	3.05	0.00	3.00	NO	HROFDY
MONRD114	0	0.18100E-04	694918.5	4237299.3	1654.8	2.00	30.48	3.05	0.00	3.00	NO	HROFDY
MONRD115	0	0.18100E-04	694949.3	4237297.9	1655.5	2.00	30.48	3.05	2.00	3.00	NO	HROFDY
MONRD116	0	0.18100E-04	694979.8	4237296.9	1656.3	2.00	30.48	3.05	2.00	3.00	NO	HROFDY
MONRD117	0	0.18100E-04	695010.2	4237295.9	1657.1	2.00	30.48	3.05	2.00	3.00	NO	HROFDY
MONRD118	0	0.18100E-04	695040.7	4237294.9	1657.9	2.00	30.48	3.05	2.00	3.00	NO	HROFDY
MONRD119	0	0.18100E-04	695071.4	4237293.9	1658.5	2.00	30.48	3.05	-1.00	3.00	NO	HROFDY
MONRD120	0	0.18100E-04	695102.1	4237294.6	1658.9	2.00	30.48	3.05	-3.00	3.00	NO	HROFDY
MONRD121	0	0.18100E-04	695133.4	4237296.1	1659.3	2.00	16.50	3.05	-19.00	3.00	NO	HROFDY
MONRD122	0	0.18100E-04	695151.0	4237303.0	1659.5	2.00	17.10	3.05	-56.00	3.00	NO	HROFDY
MONRD123	0	0.18100E-04	695161.2	4237318.7	1659.9	2.00	30.48	3.05	-82.00	3.00	NO	HROFDY
MONRD124	0	0.18100E-04	695164.4	4237349.4	1660.4	2.00	30.48	3.05	-88.00	3.00	NO	HROFDY
MONRD125	0	0.18100E-04	695165.5	4237379.9	1660.8	2.00	30.48	3.05	-88.00	3.00	NO	HROFDY
MONRD126	0	0.18100E-04	695166.5	4237410.3	1661.2	2.00	30.48	3.05	-88.00	3.00	NO	HROFDY
MONRD127	0	0.18100E-04	695167.6	4237440.8	1661.6	2.00	30.48	3.05	-88.00	3.00	NO	HROFDY
MONRD128	0	0.18100E-04	695168.7	4237471.2	1661.9	2.00	30.48	3.05	-88.00	3.00	NO	HROFDY
MONRD129	0	0.18100E-04	695170.5	4237502.1	1662.1	2.00	28.30	3.05	-87.00	3.00	NO	HROFDY
MONRD130	0	0.18100E-04	695168.8	4237531.7	1661.5	2.00	30.48	3.05	16.00	3.00	NO	HROFDY
MONRD131	0	0.18100E-04	695198.2	4237523.3	1663.6	2.00	29.00	3.05	19.00	3.00	NO	HROFDY
MONRD132	0	0.18100E-04	695225.6	4237513.5	1664.6	2.00	15.50	3.05	56.00	3.00	NO	HROFDY
MONRD133	0	0.18100E-04	695234.3	4237500.6	1664.4	2.00	21.60	3.05	84.00	3.00	NO	HROFDY
MONRD134	0	0.18100E-04	695236.4	4237479.0	1663.7	2.00	30.48	3.05	98.00	3.00	NO	HROFDY
MONRD135	0	0.18100E-04	695232.0	4237448.7	1662.6	2.00	27.00	3.05	109.00	3.00	NO	HROFDY
MONRD136	0	0.18100E-04	695225.4	4237420.4	1661.8	2.00	30.48	3.05	32.00	3.00	NO	HROFDY
MONRD137	0	0.18100E-04	695251.3	4237404.4	1661.2	2.00	30.48	3.05	32.00	3.00	NO	HROFDY
MONRD138	0	0.18100E-04	695277.3	4237388.4	1660.5	2.00	30.48	3.05	32.00	3.00	NO	HROFDY
MONRD139	0	0.18100E-04	695303.2	4237372.4	1659.5	2.00	30.48	3.05	32.00	3.00	NO	HROFDY
MONRD140	0	0.18100E-04	695329.1	4237356.3	1658.3	2.00	30.48	3.05	32.00	3.00	NO	HROFDY
MONRD141	0	0.18100E-04	695355.3	4237340.3	1656.9	2.00	30.48	3.05	28.00	3.00	NO	HROFDY
MONRD142	0	0.18100E-04	695382.1	4237325.8	1655.5	2.00	30.48	3.05	28.00	3.00	NO	HROFDY
MONRD143	0	0.18100E-04	695408.9	4237311.3	1654.1	2.00	30.48	3.05	28.00	3.00	NO	HROFDY
MONRD144	0	0.18100E-04	695435.7	4237296.8	1653.0	2.00	30.48	3.05	28.00	3.00	NO	HROFDY
MONRD145	0	0.18100E-04	695462.3	4237281.2	1652.6	2.00	30.48	3.05	29.00	3.00	NO	HROFDY
MONRD146	0	0.18100E-04	695488.9	4237266.3	1652.6	2.00	30.48	3.05	29.00	3.00	NO	HROFDY
MONRD147	0	0.18100E-04	695515.5	4237251.4	1653.0	2.00	30.48	3.05	29.00	3.00	NO	HROFDY
MONRD148	0	0.18100E-04	695541.9	4237235.7	1654.1	2.00	30.48	3.05	31.00	3.00	NO	HROFDY
MONRD149	0	0.18100E-04	695568.0	4237220.0	1655.6	2.00	30.48	3.05	31.00	3.00	NO	HROFDY
MONRD150	0	0.18100E-04	695594.1	4237204.2	1657.1	2.00	30.48	3.05	31.00	3.00	NO	HROFDY
MONRD151	0	0.18100E-04	695620.2	4237188.5	1658.3	2.00	30.48	3.05	31.00	3.00	NO	HROFDY

**MODELOPTs: RegDFAULT CONC ELEV

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
MONRD152	0	0.18100E-04	695646.3	4237172.7	1659.3	2.00	30.48	3.05	31.00	3.00	NO	HROFDY
MONRD153	0	0.18100E-04	695672.4	4237157.0	1659.5	2.00	30.48	3.05	31.00	3.00	NO	HROFDY
MONRD154	0	0.18100E-04	695698.2	4237140.5	1658.8	2.00	30.48	3.05	34.00	3.00	NO	HROFDY
MONRD155	0	0.18100E-04	695723.5	4237123.5	1657.3	2.00	30.48	3.05	34.00	3.00	NO	HROFDY
MONRD156	0	0.18100E-04	695748.8	4237106.5	1655.6	2.00	23.00	3.05	34.00	3.00	NO	HROFDY
MONRD157	0	0.18100E-04	695788.9	4237111.1	1653.5	2.00	13.50	3.05	32.00	3.00	NO	HROFDY
MONRD158	0	0.18100E-04	695802.4	4237103.5	1653.3	2.00	13.00	3.04	-1.00	3.00	NO	HROFDY
MONRD159	0	0.18100E-04	695817.3	4237104.3	1653.5	2.00	13.20	3.05	-31.00	3.00	NO	HROFDY
MONRD160	0	0.18100E-04	695829.1	4237111.6	1653.6	2.00	16.40	3.05	-42.00	3.00	NO	HROFDY
MONRD161	0	0.18100E-04	695841.5	4237122.7	1653.8	2.00	19.50	3.05	-11.00	3.00	NO	HROFDY
MONRD162	0	0.18100E-04	695860.7	4237126.6	1654.4	2.00	21.90	3.05	22.00	3.00	NO	HROFDY
MONRD163	0	0.18100E-04	695881.1	4237118.3	1655.2	2.00	30.48	3.05	41.00	3.00	NO	HROFDY
MONRD164	0	0.18100E-04	695903.9	4237098.1	1656.4	2.00	27.00	3.05	59.00	3.00	NO	HROFDY
MONRD165	0	0.18100E-04	695917.2	4237074.5	1657.3	2.00	30.48	3.05	73.00	3.00	NO	HROFDY
MONRD166	0	0.18100E-04	695926.4	4237045.4	1657.7	2.00	4.90	3.05	73.00	3.00	NO	HROFDY
MONRD167	0	0.18100E-04	695927.8	4237040.6	1657.7	2.00	30.48	3.05	90.00	3.00	NO	HROFDY
MONRD168	0	0.18100E-04	695927.9	4237009.8	1657.9	2.00	30.48	3.05	92.00	3.00	NO	HROFDY
MONRD169	0	0.18100E-04	695926.8	4236979.2	1658.3	2.00	30.48	3.05	94.00	3.00	NO	HROFDY
MONRD170	0	0.18100E-04	695924.8	4236948.6	1659.0	2.00	30.48	3.05	92.00	3.00	NO	HROFDY
MONRD171	0	0.18100E-04	695923.7	4236918.1	1660.1	2.00	30.48	3.05	92.00	3.00	NO	HROFDY
MONRD172	0	0.18100E-04	695922.6	4236887.7	1661.9	2.00	30.48	3.05	92.00	3.00	NO	HROFDY
MONRD173	0	0.18100E-04	695920.8	4236856.9	1664.0	2.00	30.48	3.05	93.00	3.00	NO	HROFDY
MONRD174	0	0.18100E-04	695919.1	4236826.3	1665.6	2.00	30.48	3.05	92.00	3.00	NO	HROFDY
MONRD175	0	0.18100E-04	695917.9	4236795.6	1665.4	2.00	30.48	3.05	93.00	3.00	NO	HROFDY
MONRD176	0	0.18100E-04	695916.3	4236764.9	1665.3	2.00	30.48	3.05	92.00	3.00	NO	HROFDY
MONRD177	0	0.18100E-04	695915.0	4236734.4	1666.1	2.00	30.48	3.05	92.00	3.00	NO	HROFDY
MONRD178	0	0.18100E-04	695913.7	4236704.0	1666.7	2.00	30.48	3.05	92.00	3.00	NO	HROFDY
MONRD179	0	0.18100E-04	695912.5	4236673.5	1667.5	2.00	30.48	3.05	92.00	3.00	NO	HROFDY
MONRD180	0	0.18100E-04	695911.2	4236643.1	1668.5	2.00	30.48	3.05	92.00	3.00	NO	HROFDY
MONRD181	0	0.18100E-04	695909.9	4236612.6	1669.3	2.00	30.48	3.05	92.00	3.00	NO	HROFDY
MONRD182	0	0.18100E-04	695908.0	4236581.8	1670.1	2.00	30.48	3.05	94.00	3.00	NO	HROFDY
MONRD183	0	0.18100E-04	695905.4	4236551.1	1670.8	2.00	30.48	3.05	95.00	3.00	NO	HROFDY
MONRD184	0	0.18100E-04	695903.1	4236520.4	1671.4	2.00	30.48	3.05	99.00	3.00	NO	HROFDY
MONRD185	0	0.18100E-04	695898.1	4236490.0	1671.6	2.00	30.48	3.05	108.00	3.00	NO	HROFDY
MONRD186	0	0.18100E-04	695888.8	4236460.6	1671.7	2.00	30.48	3.05	107.00	3.00	NO	HROFDY
MONRD187	0	0.18100E-04	695879.9	4236431.0	1671.5	2.00	30.48	3.05	110.00	3.00	NO	HROFDY
MONRD188	0	0.18100E-04	695869.6	4236402.0	1671.3	2.00	30.48	3.05	113.00	3.00	NO	HROFDY
MONRD189	0	0.18100E-04	695857.7	4236373.7	1671.2	2.00	30.48	3.05	112.00	3.00	NO	HROFDY
MONRD190	0	0.18100E-04	695846.0	4236345.2	1671.5	2.00	30.48	3.05	113.00	3.00	NO	HROFDY
MONRD191	0	0.18100E-04	695834.0	4236316.8	1671.6	2.00	26.00	3.05	111.00	3.00	NO	HROFDY

**MODELOPTs: RegDFAULT CONC ELEV

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
MONRD192	0	0.18100E-04	695824.4	4236294.8	1671.8	2.00	30.48	3.05	-177.00	3.00	NO	HROFDY
MONRD193	0	0.18100E-04	695794.0	4236296.5	1671.4	2.00	30.48	3.05	-177.00	3.00	NO	HROFDY
MONRD194	0	0.18100E-04	695763.5	4236298.2	1671.8	2.00	30.48	3.05	-177.00	3.00	NO	HROFDY
MONRD195	0	0.18100E-04	695733.1	4236299.9	1672.3	2.00	30.48	3.05	-177.00	3.00	NO	HROFDY
MONRD196	0	0.18100E-04	695702.7	4236301.6	1672.4	2.00	30.48	3.05	-177.00	3.00	NO	HROFDY
MONRD197	0	0.18100E-04	695671.8	4236303.0	1671.9	2.00	30.48	3.05	-179.00	3.00	NO	HROFDY
MONRD198	0	0.18100E-04	695498.3	4235398.8	1695.9	2.00	30.48	3.05	19.00	3.00	NO	HROFDY
MONRD199	0	0.18100E-04	695527.4	4235389.0	1696.0	2.00	30.48	3.05	9.00	3.00	NO	HROFDY
MONRD200	0	0.18100E-04	695558.4	4235385.3	1695.9	2.00	30.48	3.05	0.00	3.00	NO	HROFDY
MONRD201	0	0.18100E-04	695589.2	4235385.6	1695.4	2.00	30.48	3.05	-11.00	3.00	NO	HROFDY
MONRD202	0	0.18100E-04	695619.3	4235391.7	1694.4	2.00	30.38	3.05	-16.00	3.00	NO	HROFDY
MONRD203	0	0.18100E-04	695648.7	4235400.2	1692.9	2.00	30.48	3.05	-15.00	3.00	NO	HROFDY
MONRD204	0	0.18100E-04	695678.3	4235408.2	1692.0	2.00	30.48	3.05	-15.00	3.00	NO	HROFDY
MONRD205	0	0.18100E-04	695707.8	4235416.4	1691.6	2.00	30.48	3.05	-17.00	3.00	NO	HROFDY
MONRD206	0	0.18100E-04	695737.1	4235425.4	1691.5	2.00	30.48	3.05	-18.00	3.00	NO	HROFDY
MONRD207	0	0.18100E-04	695773.4	4235437.1	1691.2	2.00	30.48	3.05	-18.00	3.00	NO	HROFDY
WIND2A	0	0.13500E-05	695471.9	4235796.8	1684.9	0.00	220.00	551.80	-87.00	0.00	NO	WSPEED
WIND2B	0	0.67500E-06	695118.6	4236064.9	1678.4	0.00	220.50	183.90	-86.00	0.00	NO	WSPEED

**MODELOPTs: RegDFAULT CONC ELEV

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
WIND3	0	0.68700E-06	694915.0	4237092.0	1655.4	0.00	4	0.00	NO	WSPEED
WIND1A	0	0.32000E-04	695404.0	4235648.1	1688.7	4.57	5	2.13	NO	WSPEED
WIND1B	0	0.32000E-04	695315.4	4235514.8	1692.5	4.57	4	2.13	NO	WSPEED
WIND1C	0	0.32000E-04	695302.6	4235675.1	1688.7	4.57	3	2.13	NO	WSPEED

**MODELOPTs: RegDFAULT CONC ELEV

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	110STK01, 120DCS01, 730GHS01, 730GHS02, 1000SG01, 1000SG02, 910PPL01, 920STK01, PMAIN1 , UPMAIN1 , UPMAIN2 , UPMAIN3 , UPMAIN4 , UPMAIN5 , UPMAIN6 , UPMAIN7 , UPMAIN8 , UPMAIN9 , UPMAIN10, UPMAIN11, UPMAIN12, UPMAIN13, UPMAIN14, UPMAIN15, UPMAIN16, UPMAIN17, UPMAIN18, UPMAIN19, UPMAIN20, UPMAIN21, UPMAIN22, UPMAIN23, UPMAIN24, UPMAIN25, UPMAIN26, UPMAIN27, UPMAIN28, UPMAIN29, UPMAIN30, UPMAIN31, UPMAIN32, UPMAIN33, UPMAIN34, UPMAIN35, UPMAIN36, UPMAIN37, UPMAIN38, UPMAIN39, UPMAIN40, UPMAIN41, UPMAIN42, UPMAIN43, UPMAIN44, UPMAIN45, UPMAIN46, UPMAIN47, UPMAIN48, ORERD1 , ORERD2 , ORERD3 , ORERD4 , ORERD5 , ORERD6 , ORERD7 , ORERD8 , SECRD1 , SECRD2 , SECRD3 , SECRD4 , SECRD5 , SECRD6 , SECRD7 , SECRD8 , SECRD9 , SECRD10 , SECRD11 , SECRD12 , SECRD13 , SECRD14 , SECRD15 , SECRD16 , SECRD17 , SECRD18 , SECRD19 , SECRD20 , SECRD21 , SECRD22 , SECRD23 , SECRD24 , SECRD25 , SECRD26 , SECRD27 , SECRD28 , SECRD29 , SECRD30 , SECRD31 , SECRD32 , SECRD33 , SECRD34 , SECRD35 , SECRD36 , SECRD37 , SECRD38 , SECRD39 , SECRD40 , SECRD41 , SECRD42 , SECRD43 , SECRD44 , SECRD45 , SECRD46 , SECRD47 , SECRD48 , SECRD49 , SECRD50 , SECRD51 , SECRD52 , SECRD53 , SECRD54 , SECRD55 , SECRD56 , SECRD57 , SECRD58 , SECRD59 , SECRD60 , SECRD61 , SECRD62 , SECRD63 , SECRD64 , SECRD65 , SECRD66 , SECRD67 , SECRD68 , SECRD69 , SECRD70 , SECRD71 , SECRD72 , SECRD73 , SECRD74 , SECRD75 , SECRD76 , SECRD77 , SECRD78 , SECRD79 , SECRD80 , SECRD81 , SECRD82 , SECRD83 , SECRD84 , SECRD85 , SECRD86 , SECRD87 , SECRD88 , SECRD89 , SECRD90 , SECRD91 , SECRD92 , SECRD93 , SECRD94 , SECRD95 , SECRD96 , SECRD97 , SECRD98 , SECRD99 , SECRD100, SECRD101, SECRD102, SECRD103, SECRD104, SECRD105, SECRD106, SECRD107, SECRD108, SECRD109, SECRD110, SECRD111, SECRD112, SECRD113, SECRD114, SECRD115, SECRD116, SECRD117, SECRD118, SECRD119, SECRD120, SECRD121, SECRD122, SECRD123, SECRD124, SECRD125, SECRD126, SECRD127, SECRD128, SECRD129, SECRD130, SECRD131, SECRD132, SECRD133, SECRD134, SECRD135, SECRD136, SECRD137, SECRD138, SECRD139, SECRD140, SECRD141, SECRD142, SECRD143, SECRD144, SECRD145, SECRD146, SECRD147, SECRD148, SECRD149, SECRD150, SECRD151, SECRD152, MONRD1 , MONRD2 , MONRD3 , MONRD4 , MONRD5 , MONRD6 , MONRD7 , MONRD8 , MONRD9 , MONRD10 , MONRD11 , MONRD12 , MONRD13 , MONRD14 , MONRD15 , MONRD16 , MONRD17 , MONRD18 , MONRD19 , MONRD20 , MONRD21 , MONRD22 , MONRD23 ,

**MODELOPTs: RegDFAULT CONC ELEV

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
	MONRD24 , MONRD25 , MONRD26 , MONRD27 , MONRD28 , MONRD29 , MONRD30 , MONRD31 , MONRD32 , MONRD33 , MONRD34 , MONRD35 ,
	MONRD36 , MONRD37 , MONRD38 , MONRD39 , MONRD40 , MONRD41 , MONRD42 , MONRD43 , MONRD44 , MONRD45 , MONRD46 , MONRD47 ,
	MONRD48 , MONRD49 , MONRD50 , MONRD51 , MONRD52 , MONRD53 , MONRD54 , MONRD55 , MONRD56 , MONRD57 , MONRD58 , MONRD59 ,
	MONRD60 , MONRD61 , MONRD62 , MONRD63 , MONRD64 , MONRD65 , MONRD66 , MONRD67 , MONRD68 , MONRD69 , MONRD70 , MONRD71 ,
	MONRD72 , MONRD73 , MONRD74 , MONRD75 , MONRD76 , MONRD77 , MONRD78 , MONRD79 , MONRD80 , MONRD81 , MONRD82 , MONRD83 ,
	MONRD84 , MONRD85 , MONRD86 , MONRD87 , MONRD88 , MONRD89 , MONRD90 , MONRD91 , MONRD92 , MONRD93 , MONRD94 , MONRD95 ,
	MONRD96 , MONRD97 , MONRD98 , MONRD99 , MONRD100, MONRD101, MONRD102, MONRD103, MONRD104, MONRD105, MONRD106, MONRD107,
	MONRD108, MONRD109, MONRD110, MONRD111, MONRD112, MONRD113, MONRD114, MONRD115, MONRD116, MONRD117, MONRD118, MONRD119,
	MONRD120, MONRD121, MONRD122, MONRD123, MONRD124, MONRD125, MONRD126, MONRD127, MONRD128, MONRD129, MONRD130, MONRD131,
	MONRD132, MONRD133, MONRD134, MONRD135, MONRD136, MONRD137, MONRD138, MONRD139, MONRD140, MONRD141, MONRD142, MONRD143,
	MONRD144, MONRD145, MONRD146, MONRD147, MONRD148, MONRD149, MONRD150, MONRD151, MONRD152, MONRD153, MONRD154, MONRD155,
	MONRD156, MONRD157, MONRD158, MONRD159, MONRD160, MONRD161, MONRD162, MONRD163, MONRD164, MONRD165, MONRD166, MONRD167,
	MONRD168, MONRD169, MONRD170, MONRD171, MONRD172, MONRD173, MONRD174, MONRD175, MONRD176, MONRD177, MONRD178, MONRD179,
	MONRD180, MONRD181, MONRD182, MONRD183, MONRD184, MONRD185, MONRD186, MONRD187, MONRD188, MONRD189, MONRD190, MONRD191,
	MONRD192, MONRD193, MONRD194, MONRD195, MONRD196, MONRD197, MONRD198, MONRD199, MONRD200, MONRD201, MONRD202, MONRD203,
	MONRD204, MONRD205, MONRD206, MONRD207, WIND2A , WIND2B , WIND3 , WIND1A , WIND1B , WIND1C ,
TAILWIND	WIND2A ,

**MODELOPTs: RegDFAULT CONC ELEV

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 110STK01

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	8.5,	19.7,	22.1,	-53.5,	4.9,	2	8.5,	19.2,	23.5,	-54.2,	-1.5,
3	8.5,	18.4,	24.5,	-53.4,	-7.9,	4	7.3,	9.8,	9.6,	2.5,	-7.4,
5	7.3,	9.6,	9.8,	3.6,	-6.0,	6	29.3,	72.4,	56.2,	-82.0,	48.2,
7	29.3,	73.8,	47.0,	-85.0,	38.1,	8	29.3,	73.0,	36.4,	-85.3,	27.0,
9	29.3,	70.0,	24.6,	-83.1,	14.9,	10	29.3,	73.1,	35.5,	-89.7,	2.3,
11	29.3,	74.1,	46.2,	-94.4,	-10.3,	12	29.3,	72.8,	55.5,	-96.2,	-22.5,
13	29.3,	69.4,	63.1,	-95.1,	-34.1,	14	29.3,	63.8,	68.8,	-91.1,	-44.7,
15	0.0,	0.0,	0.0,	0.0,	0.0,	16	0.0,	0.0,	0.0,	0.0,	0.0,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	0.0,	0.0,	0.0,	0.0,	0.0,
21	0.0,	0.0,	0.0,	0.0,	0.0,	22	7.3,	9.8,	9.6,	-12.0,	7.4,
23	7.3,	9.6,	9.8,	-13.3,	6.0,	24	29.3,	72.4,	56.2,	25.8,	-48.2,
25	29.3,	73.8,	47.0,	37.9,	-38.1,	26	29.3,	73.0,	36.4,	49.0,	-27.0,
27	29.3,	70.0,	24.6,	58.5,	-14.9,	28	29.3,	73.1,	35.5,	54.2,	-2.3,
29	29.3,	74.1,	46.2,	48.2,	10.3,	30	29.3,	72.8,	55.5,	40.8,	22.5,
31	29.3,	69.4,	63.1,	32.0,	34.1,	32	29.3,	63.8,	68.8,	22.4,	44.7,
33	0.0,	0.0,	0.0,	0.0,	0.0,	34	0.0,	0.0,	0.0,	0.0,	0.0,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	8.5,	19.9,	20.3,	-51.3,	11.2,

SOURCE ID: 120DCS01

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	29.3,	35.5,	73.1,	-22.1,	16.5,	2	29.3,	46.2,	74.1,	-25.8,	18.8,
3	29.3,	55.5,	72.8,	-28.6,	20.5,	4	29.3,	63.1,	69.4,	-30.6,	21.6,
5	29.3,	68.8,	63.8,	-31.7,	22.1,	6	29.3,	72.4,	56.2,	-31.8,	21.8,
7	29.3,	73.8,	47.0,	-30.9,	20.9,	8	29.3,	73.0,	36.4,	-29.1,	19.4,
9	29.3,	70.0,	24.6,	-26.4,	17.2,	10	29.3,	73.1,	35.5,	-34.3,	14.4,
11	29.3,	74.1,	46.2,	-41.9,	11.3,	12	29.3,	72.8,	55.5,	-48.3,	7.8,
13	29.3,	69.4,	63.1,	-53.2,	4.1,	14	29.3,	63.8,	68.8,	-56.4,	0.2,
15	29.3,	56.2,	72.4,	-58.0,	-3.6,	16	29.3,	47.0,	73.8,	-57.8,	-7.4,
17	29.3,	36.4,	73.0,	-55.8,	-10.9,	18	29.3,	24.6,	70.0,	-52.2,	-14.1,
19	29.3,	35.5,	73.1,	-51.0,	-16.5,	20	29.3,	46.2,	74.1,	-48.3,	-18.8,
21	29.3,	55.5,	72.8,	-44.2,	-20.5,	22	29.3,	63.1,	69.4,	-38.8,	-21.6,
23	29.3,	68.8,	63.8,	-32.1,	-22.1,	24	29.3,	72.4,	56.2,	-24.5,	-21.8,
25	29.3,	73.8,	47.0,	-16.1,	-20.9,	26	29.3,	73.0,	36.4,	-7.3,	-19.4,
27	29.3,	70.0,	24.6,	1.8,	-17.2,	28	29.3,	73.1,	35.5,	-1.2,	-14.4,
29	29.3,	74.1,	46.2,	-4.3,	-11.3,	30	29.3,	72.8,	55.5,	-7.2,	-7.8,
31	29.3,	69.4,	63.1,	-9.9,	-4.1,	32	29.3,	63.8,	68.8,	-12.3,	-0.2,
33	29.3,	56.2,	72.4,	-14.4,	3.6,	34	29.3,	47.0,	73.8,	-16.0,	7.4,
35	29.3,	36.4,	73.0,	-17.1,	10.9,	36	29.3,	24.6,	70.0,	-17.8,	14.1,

SOURCE ID: 730GHS01

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	29.3,	29.9,	38.7,	-27.8,	9.1,	2	29.3,	34.7,	41.2,	-30.5,	7.5,
3	29.3,	38.5,	42.4,	-32.3,	5.6,	4	29.3,	41.0,	42.4,	-33.1,	3.6,
5	29.3,	42.4,	41.0,	-32.9,	1.5,	6	29.3,	42.4,	38.5,	-31.6,	-0.7,
7	29.3,	41.2,	34.7,	-29.4,	-2.8,	8	29.3,	38.7,	29.9,	-26.4,	-4.9,
9	29.3,	35.0,	24.2,	-22.5,	-6.8,	10	29.3,	38.7,	29.9,	-24.0,	-8.5,
11	29.3,	41.2,	34.7,	-24.8,	-10.0,	12	29.3,	42.4,	38.5,	-24.8,	-11.1,
13	29.3,	42.4,	41.0,	-24.1,	-11.9,	14	29.3,	41.0,	42.4,	-22.7,	-12.3,
15	29.3,	38.5,	42.4,	-20.5,	-12.4,	16	29.3,	34.7,	41.2,	-17.8,	-12.1,
17	29.3,	29.9,	38.7,	-14.4,	-11.4,	18	29.3,	24.2,	35.0,	-10.7,	-10.4,
19	29.3,	29.9,	38.7,	-10.8,	-9.1,	20	29.3,	34.7,	41.2,	-10.6,	-7.5,
21	29.3,	38.5,	42.4,	-10.1,	-5.6,	22	29.3,	41.0,	42.4,	-9.3,	-3.6,
23	29.3,	42.4,	41.0,	-8.2,	-1.5,	24	29.3,	72.4,	56.2,	-136.7,	39.1,
25	29.3,	73.8,	47.0,	-137.2,	19.6,	26	29.3,	73.0,	36.4,	-133.5,	-0.5,
27	29.3,	70.0,	24.6,	-125.8,	-20.5,	28	29.3,	73.1,	35.5,	-126.3,	-39.8,
29	29.3,	41.2,	34.7,	-9.9,	10.0,	30	29.3,	42.4,	38.5,	-13.6,	11.1,
31	29.3,	42.4,	41.0,	-16.9,	11.9,	32	29.3,	41.0,	42.4,	-19.7,	12.3,
33	29.3,	38.5,	42.4,	-21.9,	12.4,	34	29.3,	34.7,	41.2,	-23.4,	12.1,
35	29.3,	29.9,	38.7,	-24.2,	11.4,	36	29.3,	24.2,	35.0,	-24.3,	10.4,

SOURCE ID: 730GHS02

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	29.3,	29.9,	38.7,	-35.5,	7.5,	2	29.3,	34.7,	41.2,	-37.8,	4.6,
3	29.3,	38.5,	42.4,	-38.9,	1.5,	4	29.3,	41.0,	42.4,	-38.9,	-1.6,
5	29.3,	42.4,	41.0,	-37.7,	-4.6,	6	29.3,	42.4,	38.5,	-35.4,	-7.5,
7	29.3,	41.2,	34.7,	-31.9,	-10.2,	8	29.3,	38.7,	29.9,	-27.5,	-12.6,
9	29.3,	35.0,	24.2,	-22.3,	-14.6,	10	29.3,	38.7,	29.9,	-22.5,	-16.2,
11	29.3,	41.2,	34.7,	-21.9,	-17.2,	12	29.3,	42.4,	38.5,	-20.8,	-17.7,
13	29.3,	42.4,	41.0,	-18.9,	-17.7,	14	29.3,	41.0,	42.4,	-16.6,	-17.2,
15	29.3,	38.5,	42.4,	-13.7,	-16.1,	16	29.3,	34.7,	41.2,	-10.4,	-14.6,
17	29.3,	29.9,	38.7,	-6.7,	-12.6,	18	29.3,	24.2,	35.0,	-2.9,	-10.2,
19	29.3,	29.9,	38.7,	-3.2,	-7.5,	20	29.3,	34.7,	41.2,	-3.4,	-4.6,
21	29.3,	38.5,	42.4,	-3.5,	-1.5,	22	29.3,	41.0,	42.4,	-3.4,	1.6,
23	29.3,	42.4,	41.0,	-3.3,	4.6,	24	29.3,	72.4,	56.2,	-132.9,	46.0,
25	29.3,	73.8,	47.0,	-134.7,	27.0,	26	29.3,	73.0,	36.4,	-132.4,	7.2,
27	29.3,	70.0,	24.6,	-126.0,	-12.7,	28	29.3,	73.1,	35.5,	-127.8,	-32.2,
29	29.3,	74.1,	46.2,	-125.9,	-50.8,	30	29.3,	42.4,	38.5,	-17.7,	17.7,
31	29.3,	42.4,	41.0,	-22.1,	17.7,	32	29.3,	41.0,	42.4,	-25.8,	17.2,
33	29.3,	38.5,	42.4,	-28.8,	16.1,	34	29.3,	34.7,	41.2,	-30.8,	14.6,
35	29.3,	29.9,	38.7,	-31.9,	12.6,	36	29.3,	24.2,	35.0,	-32.1,	10.2,

**MODELOPTs: RegDFAULT CONC ELEV

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1000SG01

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	29.3,	35.5,	73.1,	-14.3,	31.9,	2	29.3,	46.2,	74.1,	-20.7,	35.3,
3	29.3,	55.5,	72.8,	-26.5,	37.7,	4	29.3,	63.1,	69.4,	-31.5,	38.9,
5	29.3,	68.8,	63.8,	-35.5,	38.9,	6	29.3,	72.4,	56.2,	-38.5,	37.7,
7	29.3,	73.8,	47.0,	-40.3,	35.4,	8	29.3,	73.0,	36.4,	-40.9,	32.0,
9	29.3,	70.0,	24.6,	-40.2,	27.6,	10	29.3,	73.1,	35.5,	-49.7,	22.3,
11	29.3,	74.1,	46.2,	-58.4,	16.4,	12	29.3,	72.8,	55.5,	-65.4,	9.9,
13	29.3,	69.4,	63.1,	-70.4,	3.2,	14	29.3,	63.8,	68.8,	-73.3,	-3.7,
15	29.3,	56.2,	72.4,	-73.9,	-10.4,	16	29.3,	47.0,	73.8,	-72.3,	-16.8,
17	29.3,	36.4,	73.0,	-68.5,	-22.7,	18	12.5,	47.8,	70.1,	-62.5,	-16.3,
19	29.3,	35.5,	73.1,	-58.8,	-31.9,	20	29.3,	46.2,	74.1,	-53.4,	-35.3,
21	29.3,	55.5,	72.8,	-46.3,	-37.7,	22	29.3,	63.1,	69.4,	-37.8,	-38.9,
23	29.3,	68.8,	63.8,	-28.2,	-38.9,	24	29.3,	72.4,	56.2,	-17.7,	-37.7,
25	29.3,	73.8,	47.0,	-6.7,	-35.4,	26	29.3,	73.0,	36.4,	4.5,	-32.0,
27	29.3,	70.0,	24.6,	15.6,	-27.6,	28	29.3,	73.1,	35.5,	14.2,	-22.3,
29	29.3,	74.1,	46.2,	12.3,	-16.4,	30	29.3,	72.8,	55.5,	10.0,	-9.9,
31	29.3,	69.4,	63.1,	7.3,	-3.2,	32	29.3,	63.8,	68.8,	4.5,	3.7,
33	29.3,	56.2,	72.4,	1.5,	10.4,	34	29.3,	47.0,	73.8,	-1.5,	16.8,
35	29.3,	36.4,	73.0,	-4.5,	22.7,	36	12.5,	47.8,	70.1,	-7.6,	16.3,

SOURCE ID: 1000SG02

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	29.3,	35.5,	73.1,	-15.2,	31.8,	2	29.3,	46.2,	74.1,	-21.6,	35.0,
3	29.3,	55.5,	72.8,	-27.4,	37.2,	4	29.3,	63.1,	69.4,	-32.3,	38.2,
5	29.3,	68.8,	63.8,	-36.2,	38.1,	6	29.3,	72.4,	56.2,	-39.0,	36.8,
7	29.3,	73.8,	47.0,	-40.6,	34.5,	8	29.3,	73.0,	36.4,	-41.0,	31.0,
9	29.3,	70.0,	24.6,	-40.2,	26.6,	10	29.3,	73.1,	35.5,	-49.5,	21.3,
11	29.3,	74.1,	46.2,	-58.1,	15.4,	12	29.3,	72.8,	55.5,	-64.9,	9.0,
13	29.3,	69.4,	63.1,	-69.8,	2.4,	14	29.3,	63.8,	68.8,	-72.5,	-4.3,
15	29.3,	56.2,	72.4,	-73.0,	-10.9,	16	29.3,	47.0,	73.8,	-71.4,	-17.1,
17	29.3,	36.4,	73.0,	-67.5,	-22.9,	18	12.5,	47.8,	70.1,	-61.5,	-16.3,
19	29.3,	35.5,	73.1,	-57.9,	-31.8,	20	29.3,	46.2,	74.1,	-52.5,	-35.0,
21	29.3,	55.5,	72.8,	-45.5,	-37.2,	22	29.3,	63.1,	69.4,	-37.1,	-38.2,
23	29.3,	68.8,	63.8,	-27.6,	-38.1,	24	29.3,	72.4,	56.2,	-17.2,	-36.8,
25	29.3,	73.8,	47.0,	-6.4,	-34.5,	26	29.3,	73.0,	36.4,	4.7,	-31.0,
27	29.3,	70.0,	24.6,	15.6,	-26.6,	28	29.3,	73.1,	35.5,	14.0,	-21.3,
29	29.3,	74.1,	46.2,	11.9,	-15.4,	30	29.3,	72.8,	55.5,	9.5,	-9.0,
31	29.3,	69.4,	63.1,	6.7,	-2.4,	32	29.3,	63.8,	68.8,	3.7,	4.3,
33	29.3,	56.2,	72.4,	0.7,	10.9,	34	29.3,	47.0,	73.8,	-2.4,	17.1,
35	29.3,	36.4,	73.0,	-5.5,	22.9,	36	12.5,	47.8,	70.1,	-8.6,	16.3,

SOURCE ID: 910PPL01

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	29.3,	29.9,	38.7,	-64.9,	25.2,	2	29.3,	34.7,	41.2,	-69.8,	16.9,
3	29.3,	38.5,	42.4,	-72.6,	8.1,	4	29.3,	41.0,	42.4,	-73.2,	-1.0,
5	29.3,	42.4,	41.0,	-71.6,	-10.0,	6	29.3,	42.4,	38.5,	-67.8,	-18.7,
7	29.3,	73.8,	47.0,	57.7,	-43.7,	8	20.1,	80.5,	37.3,	-54.2,	-13.3,
9	20.1,	77.5,	24.2,	-44.8,	-19.2,	10	20.1,	80.5,	37.3,	-47.5,	-24.6,
11	20.1,	81.1,	49.2,	-48.8,	-29.3,	12	29.3,	72.8,	55.5,	58.1,	34.1,
13	29.3,	69.4,	63.1,	47.0,	48.5,	14	20.1,	68.3,	74.9,	-43.7,	-37.4,
15	20.1,	59.7,	79.2,	-39.3,	-37.9,	16	14.3,	64.0,	91.6,	-33.6,	-29.9,
17	17.4,	48.5,	87.1,	-27.0,	-29.9,	18	17.4,	47.9,	80.0,	-19.5,	-20.9,
19	29.3,	29.9,	38.7,	26.2,	-25.2,	20	29.3,	34.7,	41.2,	28.7,	-16.9,
21	29.3,	38.5,	42.4,	30.2,	-8.1,	22	29.3,	41.0,	42.4,	30.9,	1.0,
23	29.3,	42.4,	41.0,	30.6,	10.0,	24	29.3,	42.4,	38.5,	29.3,	18.7,
25	29.3,	73.8,	47.0,	-104.7,	43.7,	26	29.3,	73.0,	36.4,	-105.7,	28.9,
27	29.3,	70.0,	24.6,	-103.5,	13.2,	28	29.3,	73.1,	35.5,	-110.2,	-2.8,
29	29.3,	74.1,	46.2,	-113.6,	-18.7,	30	29.3,	72.8,	55.5,	-113.6,	-34.1,
31	29.3,	69.4,	63.1,	-110.1,	-48.5,	32	20.1,	68.3,	74.9,	-31.2,	37.4,
33	20.1,	59.7,	79.2,	-39.9,	37.9,	34	14.3,	64.0,	91.6,	-57.9,	29.9,
35	17.4,	48.5,	87.1,	-60.1,	29.9,	36	17.4,	47.9,	80.0,	-60.5,	20.9,

SOURCE ID: 920STK01

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	29.3,	35.5,	73.1,	-38.5,	26.4,	2	29.3,	46.2,	74.1,	-43.6,	25.7,
3	29.3,	55.5,	72.8,	-47.4,	24.2,	4	29.3,	63.1,	69.4,	-49.7,	22.0,
5	29.3,	68.8,	63.8,	-50.6,	19.1,	6	29.3,	72.4,	56.2,	-49.9,	15.6,
7	29.3,	73.8,	47.0,	-47.7,	11.7,	8	29.3,	73.0,	36.4,	-44.0,	7.4,
9	29.3,	70.0,	24.6,	-39.0,	2.8,	10	29.3,	73.1,	35.5,	-44.2,	-1.9,
11	29.3,	74.1,	46.2,	-48.8,	-6.5,	12	29.3,	72.8,	55.5,	-52.0,	-11.0,
13	29.3,	69.4,	63.1,	-53.6,	-15.1,	14	29.3,	63.8,	68.8,	-53.5,	-18.7,
15	29.3,	56.2,	72.4,	-51.8,	-21.8,	16	29.3,	47.0,	73.8,	-48.6,	-24.2,
17	29.3,	36.4,	73.0,	-43.9,	-25.8,	18	12.5,	47.8,	70.1,	-37.7,	-15.1,
19	29.3,	35.5,	73.1,	-34.6,	-26.4,	20	29.3,	46.2,	74.1,	-30.5,	-25.7,
21	29.3,	55.5,	72.8,	-25.4,	-24.2,	22	29.3,	63.1,	69.4,	-19.6,	-22.0,
23	29.3,	68.8,	63.8,	-13.2,	-19.1,	24	29.3,	72.4,	56.2,	-6.4,	-15.6,
25	29.3,	73.8,	47.0,	0.6,	-11.7,	26	29.3,	73.0,	36.4,	7.6,	-7.4,
27	29.3,	70.0,	24.6,	14.4,	-2.8,	28	29.3,	73.1,	35.5,	8.7,	1.9,
29	29.3,	74.1,	46.2,	2.6,	6.5,	30	29.3,	72.8,	55.5,	-3.5,	11.0,
31	29.3,	69.4,	63.1,	-9.5,	15.1,	32	29.3,	63.8,	68.8,	-15.3,	18.7,
33	29.3,	56.2,	72.4,	-20.6,	21.8,	34	29.3,	47.0,	73.8,	-25.2,	24.2,
35	29.3,	36.4,	73.0,	-29.1,	25.8,	36	12.5,	47.8,	70.1,	-32.4,	15.1,

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD1 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD2 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD3 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD4 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD5 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD6 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD7 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD8 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD9 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD10 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD11 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD12 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD13 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD14 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD15 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD16 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD17 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD18 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD19 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD20 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD21 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD22 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD23 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD24 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD25 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD26 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD27 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD28 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD29 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD30 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD31 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD32 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD33 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD34 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD35 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD36 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD37 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD38 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD39 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD40 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD41 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD42 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD43 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD44 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD45 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD46 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD47 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD48 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD49 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD50 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD51 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD52 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD53 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD54 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD55 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD56 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD57 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD58 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD59 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD60 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD61 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD62 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD63 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD64 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD65 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD66 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD67 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD68 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD69 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD70 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD71 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD72 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD73 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD74 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD75 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD76 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD77 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD78 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD79 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD80 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD81 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD82 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD83 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD84 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD85 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD86 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD87 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD88 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD89 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD90 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD91 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD92 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD93 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD94 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD95 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD96 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD97 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD98 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD99 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD100 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD101 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD102 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD103 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD104 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD105 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD106 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD107 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD108 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD109 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD110 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD111 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD112 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD113 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD114 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD115 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD116 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD117 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD118 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD119 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD120 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD121 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD122 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD123 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD124 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD125 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD126 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD127 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD128 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD129 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD130 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD131 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD132 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD133 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD134 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD135 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD136 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD137 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD138 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD139 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD140 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD141 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD142 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD143 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD144 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD145 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD146 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD147 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD148 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD149 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD150 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD151 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD152 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD153 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD154 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD155 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD156 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD157 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD158 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD159 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD160 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD161 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD162 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD163 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD164 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD165 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD166 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD167 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD168 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD169 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD170 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD171 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD172 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD173 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD174 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD175 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD176 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD177 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD178 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD179 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD180 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD181 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD182 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD183 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD184 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD185 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD186 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD187 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD188 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD189 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD190 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD191 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD192 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD193 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD194 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD195 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD196 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD197 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD198 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD199 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD200 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD201 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD202 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD203 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD204 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD205 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

SOURCE ID = MONRD206 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = MONRD207 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs: RegDFAULT CONC   ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY WITH WIND SPEED *

- -

SOURCE ID = WIND2A   ; SOURCE TYPE = AREA   :

WIND SPEED CATEGORY 1	WIND SPEED CATEGORY 2	WIND SPEED CATEGORY 3	WIND SPEED CATEGORY 4	WIND SPEED CATEGORY 5	WIND SPEED CATEGORY 6
0.00000E+00	0.00000E+00	0.00000E+00	0.78700E+01	0.78700E+01	0.78700E+01

SOURCE ID = WIND2B   ; SOURCE TYPE = AREA   :

WIND SPEED CATEGORY 1	WIND SPEED CATEGORY 2	WIND SPEED CATEGORY 3	WIND SPEED CATEGORY 4	WIND SPEED CATEGORY 5	WIND SPEED CATEGORY 6
0.00000E+00	0.00000E+00	0.00000E+00	0.78700E+01	0.78700E+01	0.78700E+01

SOURCE ID = WIND3   ; SOURCE TYPE = AREAPOLY :

WIND SPEED CATEGORY 1	WIND SPEED CATEGORY 2	WIND SPEED CATEGORY 3	WIND SPEED CATEGORY 4	WIND SPEED CATEGORY 5	WIND SPEED CATEGORY 6
0.00000E+00	0.00000E+00	0.00000E+00	0.78700E+01	0.78700E+01	0.78700E+01

**MODELOPTs: RegDFAULT CONC   ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY WITH WIND SPEED *

- -

SOURCE ID = WIND1A   ; SOURCE TYPE = AREAPOLY :

WIND SPEED CATEGORY 1	WIND SPEED CATEGORY 2	WIND SPEED CATEGORY 3	WIND SPEED CATEGORY 4	WIND SPEED CATEGORY 5	WIND SPEED CATEGORY 6
0.00000E+00	0.00000E+00	0.00000E+00	0.78700E+01	0.78700E+01	0.78700E+01

SOURCE ID = WIND1B   ; SOURCE TYPE = AREAPOLY :

WIND SPEED CATEGORY 1	WIND SPEED CATEGORY 2	WIND SPEED CATEGORY 3	WIND SPEED CATEGORY 4	WIND SPEED CATEGORY 5	WIND SPEED CATEGORY 6
0.00000E+00	0.00000E+00	0.00000E+00	0.78700E+01	0.78700E+01	0.78700E+01

SOURCE ID = WIND1C   ; SOURCE TYPE = AREAPOLY :

WIND SPEED CATEGORY 1	WIND SPEED CATEGORY 2	WIND SPEED CATEGORY 3	WIND SPEED CATEGORY 4	WIND SPEED CATEGORY 5	WIND SPEED CATEGORY 6
0.00000E+00	0.00000E+00	0.00000E+00	0.78700E+01	0.78700E+01	0.78700E+01

**MODELOPTs: RegDFAULT CONC ELEV

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

(780179.3,	4203686.8,	2681.4,	4211.1,	0.0);	(718480.6,	4227194.5,	1868.4,	1868.4,	0.0);
(741842.6,	4218294.1,	2338.5,	2338.5,	0.0);	(765204.6,	4209393.7,	2993.5,	4186.7,	0.0);
(788566.6,	4200493.2,	3481.8,	4119.2,	0.0);					

**MODELOPTs: RegDFAULT CONC ELEV

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

```
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

METEOROLOGICAL DATA PROCESSED BETWEEN START DATE: 2008 4 1 1
AND END DATE: 2009 3 31 24

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, 5.36, 8.23, 10.80,

**MODELOPTs: RegDFAULT CONC ELEV

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

Surface file: C:\Regional Dust Model\Met Data\EFRSURFACE_2.SFC Met Version: 06341
Profile file: C:\Regional Dust Model\Met Data\EFRPFL_2.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 0 Upper air station no.: 23066
Name: EFR_SITE Name: GRAND_JUNCTION
Year: 2008 Year: 2008

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
08	04	01	92	01	-3.9	0.052	-9.000	-9.000	-999.	27.	2.6	0.30	2.18	1.00	1.91	157.	10.0	270.1	2.0
08	04	01	92	02	-4.7	0.059	-9.000	-9.000	-999.	33.	3.3	0.30	2.18	1.00	2.00	118.	10.0	270.1	2.0
08	04	01	92	03	-1.1	0.028	-9.000	-9.000	-999.	11.	1.5	0.30	2.18	1.00	1.26	161.	10.0	269.8	2.0
08	04	01	92	04	-0.4	0.015	-9.000	-9.000	-999.	4.	1.0	0.30	2.18	1.00	0.88	117.	10.0	268.1	2.0
08	04	01	92	05	-7.2	0.073	-9.000	-9.000	-999.	46.	4.1	0.30	2.18	1.00	2.25	128.	10.0	267.6	2.0
08	04	01	92	06	-20.0	0.133	-9.000	-9.000	-999.	112.	8.8	0.30	2.18	1.00	2.86	135.	10.0	268.0	2.0
08	04	01	92	07	-2.4	0.059	-9.000	-9.000	-999.	34.	6.3	0.30	2.18	0.53	1.48	112.	10.0	268.5	2.0
08	04	01	92	08	53.0	0.111	0.850	0.005	346.	85.	-1.9	0.25	2.18	0.28	0.54	249.	10.0	271.8	2.0
08	04	01	92	09	155.5	0.183	1.607	0.008	797.	180.	-3.0	0.30	2.18	0.21	0.91	329.	10.0	274.0	2.0
08	04	01	92	10	228.4	0.272	1.942	0.007	959.	326.	-6.6	0.30	2.18	0.18	1.58	320.	10.0	276.0	2.0
08	04	01	92	11	287.7	0.322	2.174	0.005	1067.	421.	-8.7	0.30	2.18	0.17	1.96	312.	10.0	278.2	2.0
08	04	01	92	12	368.3	0.326	2.535	0.005	1322.	427.	-7.0	0.30	2.18	0.17	1.91	299.	10.0	280.4	2.0
08	04	01	92	13	370.3	0.376	2.723	0.007	1626.	531.	-10.7	0.30	2.18	0.17	2.37	321.	10.0	282.6	2.0
08	04	01	92	14	325.3	0.406	2.664	0.007	1731.	594.	-15.2	0.30	2.18	0.17	2.70	325.	10.0	285.0	2.0
08	04	01	92	15	276.3	0.552	2.568	0.007	1824.	942.	-45.1	0.25	2.18	0.18	4.43	261.	10.0	287.4	2.0
08	04	01	92	16	198.2	0.669	2.326	0.007	1887.	1257.	-111.9	0.26	2.18	0.19	5.69	210.	10.0	287.8	2.0
08	04	01	92	17	177.5	0.706	2.265	0.007	1945.	1361.	-146.6	0.30	2.18	0.22	5.83	209.	10.0	288.5	2.0
08	04	01	92	18	45.4	0.620	1.441	0.007	1958.	1132.	-388.9	0.26	2.18	0.34	5.52	211.	10.0	287.6	2.0
08	04	01	92	19	-39.7	0.390	-9.000	-9.000	-999.	609.	111.0	0.30	2.18	0.72	3.87	280.	10.0	285.2	2.0
08	04	01	92	20	-13.2	0.125	-9.000	-9.000	-999.	217.	11.0	0.30	2.18	1.00	2.42	277.	10.0	282.3	2.0
08	04	01	92	21	-1.7	0.046	-9.000	-9.000	-999.	65.	4.3	0.30	2.18	1.00	1.39	148.	10.0	282.7	2.0
08	04	01	92	22	-0.5	0.025	-9.000	-9.000	-999.	12.	2.0	0.30	2.18	1.00	1.01	139.	10.0	281.5	2.0
08	04	01	92	23	-0.8	0.028	-9.000	-9.000	-999.	11.	2.1	0.30	2.18	1.00	1.12	101.	10.0	280.2	2.0
08	04	01	92	24	-1.5	0.043	-9.000	-9.000	-999.	20.	4.0	0.30	2.18	1.00	1.33	139.	10.0	279.7	2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
08	04	01	01	2.0	0	-999.	-99.00	270.2	99.0	-99.00	-99.00
08	04	01	01	10.0	0	157.	1.91	273.1	15.3	-99.00	0.49
08	04	01	01	58.0	1	200.	0.91	274.6	19.6	-99.00	0.29

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

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 110STK01, 120DCS01, 730GHS01, 730GHS02, 1000SG01, 1000SG02, 910PPL01,
920STK01, PMAIN1 , UPMAIN1 , UPMAIN2 , UPMAIN3 , UPMAIN4 , UPMAIN5 , UPMAIN6 , UPMAIN7 , UPMAIN8 , UPMAIN9 , UPMAIN10,
UPMAIN11, UPMAIN12, UPMAIN13, UPMAIN14, UPMAIN15, UPMAIN16, UPMAIN17, UPMAIN18, UPMAIN19, UPMAIN20, UPMAIN21, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
780179.30	4203686.80	0.76101	(08120409)	718480.60	4227194.50	3.28253	(08120409)
741842.60	4218294.10	1.65464	(08120409)	765204.60	4209393.70	0.99784	(08120409)
788566.60	4200493.20	0.66546	(08120409)				

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TAILWIND ***
INCLUDING SOURCE(S): WIND2A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
780179.30	4203686.80	0.01806	(08042119)	718480.60	4227194.50	0.17526	(08042119)
741842.60	4218294.10	0.05832	(08042119)	765204.60	4209393.70	0.01397	(08042119)
788566.60	4200493.20	0.00945	(09032318)				

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 110STK01, 120DCS01, 730GHS01, 730GHS02, 1000SG01, 1000SG02, 910PPL01,
920STK01, PMAIN1 , UPMAIN1 , UPMAIN2 , UPMAIN3 , UPMAIN4 , UPMAIN5 , UPMAIN6 , UPMAIN7 , UPMAIN8 , UPMAIN9 , UPMAIN10,
UPMAIN11, UPMAIN12, UPMAIN13, UPMAIN14, UPMAIN15, UPMAIN16, UPMAIN17, UPMAIN18, UPMAIN19, UPMAIN20, UPMAIN21, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
780179.30	4203686.80	0.03182	(08120424)	718480.60	4227194.50	0.13823	(08120424)
741842.60	4218294.10	0.06924	(08120424)	765204.60	4209393.70	0.04172	(08120424)
788566.60	4200493.20	0.02782	(08120424)				

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TAILWIND ***
INCLUDING SOURCE(S): WIND2A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
780179.30	4203686.80	0.00120	(08042124)	718480.60	4227194.50	0.00846	(08042124)
741842.60	4218294.10	0.00311	(08042124)	765204.60	4209393.70	0.00111	(08042124)
788566.60	4200493.20	0.00062	(08042124)				

**MODELOPTs: RegDFAULT CONC ELEV

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

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

GROUP ID			AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH	1ST HIGH VALUE IS	3.28253	ON 08120409:	AT (718480.60, 4227194.50, 1868.37, 1868.37, 0.00)	DC	
TAILWIND	HIGH	1ST HIGH VALUE IS	0.17526	ON 08042119:	AT (718480.60, 4227194.50, 1868.37, 1868.37, 0.00)	DC	

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

**MODELOPTs: RegDFAULT CONC ELEV

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

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

GROUP ID			AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH	1ST HIGH VALUE IS	0.13823	ON 08120424:	AT (718480.60, 4227194.50, 1868.37, 1868.37, 0.00)	DC	
TAILWIND	HIGH	1ST HIGH VALUE IS	0.00846	ON 08042124:	AT (718480.60, 4227194.50, 1868.37, 1868.37, 0.00)	DC	

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

```
**MODELOPTs:  RegDFAULT CONC                                          ELEV


*** 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           32 Informational Message(s)

A Total of         8760 Hours Were Processed

A Total of            4 Calm Hours Identified

A Total of           28 Missing Hours Identified (  0.32 Percent)


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


   ********   WARNING MESSAGES   ********
SO W320   880 PPARM :Input Parameter May Be Out-of-Range for Parameter       VS
SO W320   881 PPARM :Input Parameter May Be Out-of-Range for Parameter       VS

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

Appendix C
MILDOS-AREA Model Output File

0

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1REGION: Worst Case TB w/ Ore Pad CODE: MILDOS-AREA (02/97) PAGE 2
METSET: DATA: WORSTTOP.RAD 10/11/10
JOINT FREQUENCY IN PERCENT, DIRECTION INDICATES WHERE WIND IS FROM FREQWS=0.41134,0.32111,0.16498,0.08186,0.01814,0.00250

MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTALS
STABILITY CLASS 1																	
1.5	0.2280	0.0570	0.0680	0.1030	0.0230	0.0230	0.0230	0.0230	0.0000	0.0110	0.0110	0.0570	0.1250	0.4330	0.6500	0.3530	2.1880
5.5	0.1370	0.0910	0.0800	0.0570	0.0570	0.0230	0.0110	0.0230	0.0340	0.0230	0.1140	0.0570	0.1480	0.3080	0.4790	0.3310	1.9730
10.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	0.3650	0.1480	0.1480	0.1600	0.0800	0.0460	0.0340	0.0460	0.0340	0.0340	0.1250	0.1140	0.2730	0.7410	1.1290	0.6840	4.1610
STABILITY CLASS 2																	
1.5	0.5590	0.5240	0.3880	0.4330	0.4790	0.6040	0.3990	0.2390	0.0910	0.2280	0.3990	1.1290	1.6420	1.8470	1.4140	0.7640	11.1390
5.5	0.2050	0.0680	0.0110	0.0910	0.1140	0.0570	0.0340	0.0230	0.0460	0.0910	0.2960	0.2510	0.4100	0.7640	0.9460	0.4900	3.8970
10.0	0.1480	0.0340	0.0230	0.0000	0.0000	0.0110	0.0230	0.0000	0.0460	0.1710	0.2740	0.2510	0.2050	0.1940	0.2740	0.2050	1.8590
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	0.9120	0.6260	0.4220	0.5240	0.5930	0.6720	0.4560	0.2620	0.1830	0.4900	0.9690	1.6310	2.2570	2.8050	2.6340	1.4590	16.8950
STABILITY CLASS 3																	
1.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5.5	0.0910	0.0910	0.0910	0.1030	0.1370	0.3530	0.0910	0.0800	0.1140	0.1030	0.2620	0.3420	0.4220	0.6380	0.6950	0.3760	3.9890
10.0	0.1600	0.0230	0.0570	0.0110	0.0460	0.1480	0.0570	0.0460	0.1480	0.4560	0.5930	0.6040	0.3530	0.5470	0.6950	0.4790	4.4230
15.5	0.0460	0.0110	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0110	0.1600	0.2620	0.0680	0.0570	0.0460	0.0230	0.0460	0.7300
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0800	0.0680	0.0000	0.0110	0.0110	0.0000	0.0000	0.1700
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0110	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0110
ALL	0.2970	0.1250	0.1480	0.1140	0.1830	0.5010	0.1480	0.1260	0.2730	0.8100	1.1850	1.0140	0.8430	1.2420	1.4130	0.9010	9.3230
STABILITY CLASS 4																	
1.5	0.3080	0.0910	0.2740	0.3080	0.6040	1.6190	1.7670	0.8090	0.6270	0.4670	0.4450	0.5240	0.5360	0.7070	0.4450	0.2170	9.7480
5.5	0.1600	0.0910	0.0910	0.0800	0.5810	3.7170	2.7590	0.4560	0.3190	0.4330	0.4900	0.5700	0.7640	1.0490	0.7980	0.2390	12.5970
10.0	0.3420	0.1940	0.0460	0.0460	0.0910	1.3230	1.2770	0.2740	0.7410	1.2770	1.0150	0.6610	0.6950	0.6730	0.9230	0.6380	10.2160
15.5	0.2740	0.0800	0.0110	0.0000	0.0570	0.2170	0.0800	0.1480	0.6730	1.6300	1.4710	0.6270	0.6380	0.4670	0.6950	0.3880	7.4560
21.5	0.0460	0.0000	0.0000	0.0000	0.0230	0.0230	0.0460	0.0460	0.1600	0.4790	0.4670	0.0460	0.0460	0.1140	0.1480	0.0000	1.6440
28.0	0.0230	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1370	0.0680	0.0000	0.0000	0.0000	0.0110	0.0000	0.2390
ALL	1.1530	0.4560	0.4220	0.4340	1.3560	6.8990	5.9290	1.7330	2.5200	4.4230	3.9560	2.4280	2.6790	3.0100	3.0200	1.4820	41.9000
STABILITY CLASS 5																	
1.5	0.0110	0.0110	0.0110	0.0110	0.0000	0.0680	0.0460	0.0460	0.0000	0.0110	0.0110	0.0570	0.0230	0.0230	0.0800	0.0570	0.4660
5.5	0.0340	0.0110	0.0230	0.1140	0.3190	1.9720	1.9610	0.3420	0.0680	0.0460	0.1820	0.2170	0.2960	0.3650	0.2050	0.1030	6.2580
10.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	0.0450	0.0220	0.0340	0.1250	0.3190	2.0400	2.0070	0.3880	0.0680	0.0570	0.1930	0.2740	0.3190	0.3880	0.2850	0.1600	6.7240
STABILITY CLASS 6																	
1.5	0.2510	0.2740	0.4100	0.4220	1.0260	3.1470	4.3550	1.9840	1.2770	0.7410	0.6840	0.7640	0.7410	0.7870	0.4220	0.3080	17.5930
5.5	0.0570	0.0340	0.0230	0.0000	0.1820	1.1170	1.0600	0.2510	0.0680	0.0680	0.0460	0.1030	0.1140	0.1600	0.0680	0.0460	3.3970
10.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	0.3080	0.3080	0.4330	0.4220	1.2080	4.2640	5.4150	2.2350	1.3450	0.8090	0.7300	0.8670	0.8550	0.9470	0.4900	0.3540	20.9900
ALL	3.0800	1.6850	1.6070	1.7790	3.7390	14.4220	13.9890	4.7900	4.4230	6.6230	7.1580	6.3280	7.2260	9.1330	8.9710	5.0400	99.9930

INDIVIDUAL RECEPTOR LOCATION DATA, 28 LOCATIONS INPUT THIS RUN

I	LOCATION NAMES	X(KM)	Y(KM)	Z(M)	DIST(KM)	TYPE	I	LOCATION NAMES	X(KM)	Y(KM)	Z(M)	DIST(KM)	TYPE
1	Naturita	17.30	-4.53	-45.00	17.88	1	15	Receptor 7	-0.82	0.83	-34.00	1.17	1
2	Herron Residence	-5.05	4.68	-45.00	6.89	1	16	Receptor 8	-0.83	1.66	-45.00	1.86	1
3	Boren Residence	-7.57	6.11	-45.00	9.73	1	17	Receptor 9	-0.03	1.68	-41.00	1.68	1
4	Kinder Residence	-7.62	6.09	-45.00	9.75	1	18	Receptor 10	0.37	1.69	-45.00	1.73	1
5	Davis/Fehlman Reside	5.30	-2.65	32.00	5.93	1	19	Receptor 11	0.65	1.58	-45.00	1.71	1
6	Hurdle Residence	6.37	3.18	56.00	7.12	1	20	Receptor 12	0.77	1.51	-43.00	1.70	1
7	Hogan Structures	-3.70	-0.96	100.00	3.82	1	21	Receptor 13	0.78	0.76	-32.00	1.09	1
8	Bed Rock	10.87	7.33	-45.00	13.11	1	22	Receptor 14	0.79	0.01	-15.00	0.79	1
9	Receptor 1	0.00	-0.33	-1.00	0.33	1	23	Receptor 15	0.80	-0.33	-6.00	0.87	1
10	Receptor 2	0.00	-0.74	17.00	0.74	1	24	Office Bldg	0.69	1.10	-36.00	1.30	1
11	Receptor 3	-0.40	-0.75	86.00	0.85	1	25	Telluride	78.40	-33.60	100.00	85.30	1
12	Receptor 4	-0.41	-0.35	36.00	0.53	1	26	Norwood	40.94	-13.17	100.00	43.01	1
13	Receptor 5	-0.81	-0.36	100.00	0.89	1	27	Montrose	75.80	25.40	84.00	79.94	1
14	Receptor 6	-0.81	-0.01	13.00	0.82	1	28	Moab	-65.70	35.70	-40.00	74.77	1

MISCELLANEOUS INPUTABLE PARAMETER VALUES

DMM	DMA	TSTART	FFORI	FHAYI	FFORP	FHAYP	FPR(1)	FPR(2)	FPR(3)	ACTRAT
100.0	100.0	2011.00	0.50	0.50	0.50	0.50	140.00	160.00	70.00	2.50

IPACT EQUALS 1, 2, 2, 2, 2,

JC EQUALS 1, 0, 1, 1, 0, 0, 1, 0, 1, 0

TIME STEP DATA....	STEP NAMES	LENGTH, YRS	IFTODO
1		5.00	1

XRHO EQUALS 1.5, 2.5, 3.5, 4.5, 7.5, 15.0, 25.0, 35.0, 45.0, 55.0, 65.0, 75.0,

HDP EQUALS 50.0

POPULATION DISTRIBUTION

KILOMETERS	N 0.0	NNE 22.5	NE 45.0	ENE 67.5	E 90.0	ESE 112.5	SE 135.0	SSE 157.5	S 180.0	SSW 202.5	SW 225.0	WSW 247.5	W 270.0	WNW 292.5	NW 315.0	NNW 337.5
1.0- 2.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2.0- 3.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3.0- 4.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4.0- 5.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5.0-10.0	88	88	11	89	88	88	88	29	118	29	29	88	88	15	88	88
10.0-20.0	353	353	88	353	1087	988	353	118	196	118	118	353	353	304	353	353
20.0-30.0	589	589	353	589	589	970	196	196	275	196	325	589	589	98	589	589
30.0-40.0	1099	1099	589	824	824	275	275	137	353	275	275	137	137	137	824	1099
40.0-50.0	1413	1413	1413	1060	1060	791	353	177	177	353	177	177	177	177	177	1413
50.0-60.0	1727	1713	1060	1295	1295	432	216	216	216	905	216	216	555	216	216	1727
60.0-70.0	2041	2041	2296	1531	765	603	255	255	573	255	255	2113	255	255	255	2041
70.0-80.0	2355	2355	9049	1573	883	614	294	294	5404	1472	294	294	294	5073	294	2355
1.0-80.0	9669	9655	14863	7318	6595	4765	2034	1426	7316	3607	1693	3971	2452	6279	2800	9669

TOTAL 1-80 KM POPULATION IS 94112 PERSONS

```
 FINITE ELEMENT DATA FOR SOURCE NO.  2:    IPX=  2  ID=  5001

    VERTEX (M) = -1.6600E+02  1.9500E+02 -1.2200E+02  1.9500E+02 -1.6600E+02  4.1500E+02 -1.2200E+02  4.1500E+02

    AREA SOURCE ELEMENT NO. =    1          NODES=    1    3    2    4
0   NODAL COORDINATES (M):
      NODE NO. =    1     XS= -1.6600E+02     YS=  1.9500E+02
      NODE NO. =    2     XS= -1.6600E+02     YS=  4.1500E+02
      NODE NO. =    3     XS= -1.2200E+02     YS=  1.9500E+02
      NODE NO. =    4     XS= -1.2200E+02     YS=  4.1500E+02
```

```
 FINITE ELEMENT DATA FOR SOURCE NO.  3:    IPX=  2  ID=  5002

    VERTEX (M) = -1.2200E+02  3.0500E+02  3.4800E+02  3.0500E+02 -1.2200E+02  4.1500E+02  3.4800E+02  4.1500E+02

    AREA SOURCE ELEMENT NO. =    1          NODES=    1    3    2    4
0   NODAL COORDINATES (M):
      NODE NO. =    1     XS= -1.2200E+02     YS=  3.0500E+02
      NODE NO. =    2     XS= -1.2200E+02     YS=  4.1500E+02
      NODE NO. =    3     XS=  3.4800E+02     YS=  3.0500E+02
      NODE NO. =    4     XS=  3.4800E+02     YS=  4.1500E+02
```

```
 FINITE ELEMENT DATA FOR SOURCE NO.  4:    IPX=  2  ID=  5003

    VERTEX (M) =  3.4800E+02  1.9500E+02  3.9200E+02  1.9500E+02  3.4800E+02  4.1500E+02  3.9200E+02  4.1500E+02

    AREA SOURCE ELEMENT NO. =    1          NODES=    1    3    2    4
0   NODAL COORDINATES (M):
      NODE NO. =    1     XS=  3.4800E+02     YS=  1.9500E+02
      NODE NO. =    2     XS=  3.4800E+02     YS=  4.1500E+02
      NODE NO. =    3     XS=  3.9200E+02     YS=  1.9500E+02
      NODE NO. =    4     XS=  3.9200E+02     YS=  4.1500E+02
```

```
 FINITE ELEMENT DATA FOR SOURCE NO.  5:    IPX=  2  ID=  5004

    VERTEX (M) = -1.2200E+02  1.9500E+02  3.4800E+02  1.9500E+02  1.2200E-01  3.0500E+02  3.4800E+02  3.0500E+02

    AREA SOURCE ELEMENT NO. =    1          NODES=    1    3    2    4
0   NODAL COORDINATES (M):
      NODE NO. =    1     XS= -1.2200E+02     YS=  1.9500E+02
      NODE NO. =    2     XS=  1.2200E-01     YS=  3.0500E+02
      NODE NO. =    3     XS=  3.4800E+02     YS=  1.9500E+02
      NODE NO. =    4     XS=  3.4800E+02     YS=  3.0500E+02
```

NUMBER OF SOURCES= 5

NO.	KM X	KM Y	M Z	KM2 AREA	CI/YEAR U-238	Th-230	Ra-226	Pb-210	Rn-222	ID	PSIZE SET	M/SEC EXIT VEL	SOURCE NAME
1	0.27	0.00	-15.00	0.0120	2.95E-03	2.95E-03	2.95E-03	2.95E-03	4.70E+01	2001	3	0.00E+00	Ore Pad
2	0.00	0.00	-16.00	0.0097	4.45E-05	2.38E-03	2.38E-03	2.38E-03	1.98E+02	5001	3	0.00E+00	TB A1
3	0.00	0.00	-16.00	0.0517	2.38E-04	1.27E-02	1.27E-02	1.27E-02	1.06E+03	5002	3	0.00E+00	TB A2
4	0.00	0.00	-16.00	0.0097	4.45E-05	2.38E-03	2.38E-03	2.38E-03	1.98E+02	5003	3	0.00E+00	TB A3
5	0.00	0.00	-16.00	0.0450	2.07E-04	1.11E-02	1.11E-02	1.11E-02	9.19E+02	5004	3	0.00E+00	TB A4

INPUT TAILS ACTIVITIES, PCI/G

SET	URANIUM	THORIUM	RADIUM	LEAD
1	6.47E+02	6.47E+02	6.47E+02	6.47E+02
2	1.21E+01	6.47E+02	6.47E+02	6.47E+02
3	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AMAD AND FRACTIONAL DISTRIBUTION

SET	1.5	3.0	7.7	54.0
1	0.000	1.000	0.000	0.000
2	1.000	0.000	0.000	0.000
3	0.000	0.000	0.300	0.700

PARTICULATE SOURCE STRENGTH MULTIPLIERS BY TIME STEP, 1 TIME STEP(S) USED FOR THIS RUN

SOURCE NUMBER	TSTEP 1 5.00YRS	TSTEP 2 5.00YRS	TSTEP 3 5.00YRS	TSTEP 4 5.00YRS	TSTEP 5 5.00YRS	TSTEP 6 5.00YRS	TSTEP 7 5.00YRS	TSTEP 8 5.00YRS	TSTEP 9 5.00YRS	TSTEP10 5.00YRS
1	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
2	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

RADON SOURCE STRENGTH MULTIPLIERS BY TIME STEP, 1 TIME STEP(S) USED FOR THIS RUN

SOURCE NUMBER	TSTEP 1 5.00YRS	TSTEP 2 5.00YRS	TSTEP 3 5.00YRS	TSTEP 4 5.00YRS	TSTEP 5 5.00YRS	TSTEP 6 5.00YRS	TSTEP 7 5.00YRS	TSTEP 8 5.00YRS	TSTEP 9 5.00YRS	TSTEP10 5.00YRS
1	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
2	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	1.702E-05	3.072E-04	3.072E-04	3.065E-04	2.381E+02	2.315E+02	1.050E+02	3.933E+01	2.419E-05	9.177E-04
2.5	7.274E-06	1.024E-04	1.024E-04	1.022E-04	8.727E+01	8.622E+01	5.742E+01	3.381E+01	4.388E-05	5.060E-04
3.5	4.125E-06	5.119E-05	5.119E-05	5.107E-05	4.726E+01	4.701E+01	3.745E+01	2.776E+01	5.836E-05	3.418E-04
4.5	2.809E-06	3.189E-05	3.189E-05	3.182E-05	3.105E+01	3.097E+01	2.688E+01	2.249E+01	6.860E-05	2.521E-04
7.5	1.578E-06	1.631E-05	1.631E-05	1.627E-05	1.480E+01	1.480E+01	1.392E+01	1.314E+01	8.552E-05	1.348E-04
15.0	6.612E-07	6.470E-06	6.470E-06	6.455E-06	5.888E+00	5.891E+00	5.735E+00	5.575E+00	9.103E-05	5.594E-05
25.0	3.276E-07	3.110E-06	3.110E-06	3.103E-06	3.028E+00	3.030E+00	3.000E+00	2.952E+00	8.738E-05	2.934E-05
35.0	2.020E-07	1.890E-06	1.890E-06	1.886E-06	1.964E+00	1.965E+00	1.960E+00	1.944E+00	8.336E-05	1.922E-05
45.0	1.388E-07	1.289E-06	1.289E-06	1.286E-06	1.419E+00	1.420E+00	1.422E+00	1.417E+00	7.986E-05	1.395E-05
55.0	1.017E-07	9.464E-07	9.464E-07	9.442E-07	1.099E+00	1.100E+00	1.103E+00	1.102E+00	7.682E-05	1.083E-05
65.0	7.752E-08	7.176E-07	7.176E-07	7.159E-07	8.800E-01	8.805E-01	8.836E-01	8.845E-01	7.417E-05	8.686E-06
75.0	6.071E-08	5.602E-07	5.602E-07	5.589E-07	7.258E-01	7.262E-01	7.292E-01	7.307E-01	7.181E-05	7.171E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	7.024E+01	1.317E+03	1.315E+03	1.315E+03	0.000E+00	1.499E+03	1.499E+03	1.499E+03	1.025E+01
2.5	2.789E+01	4.058E+02	4.053E+02	4.053E+02	0.000E+00	4.736E+02	4.736E+02	4.736E+02	1.860E+01
3.5	1.496E+01	1.908E+02	1.906E+02	1.906E+02	0.000E+00	2.278E+02	2.278E+02	2.278E+02	2.474E+01
4.5	9.720E+00	1.131E+02	1.130E+02	1.130E+02	0.000E+00	1.375E+02	1.375E+02	1.375E+02	2.908E+01
7.5	4.895E+00	5.153E+01	5.148E+01	5.148E+01	0.000E+00	6.320E+01	6.320E+01	6.320E+01	3.626E+01
15.0	1.569E+00	1.564E+01	1.562E+01	1.562E+01	0.000E+00	2.029E+01	2.029E+01	2.029E+01	3.859E+01
25.0	5.646E-01	5.435E+00	5.429E+00	5.429E+00	0.000E+00	7.829E+00	7.829E+00	7.829E+00	3.705E+01
35.0	2.736E-01	2.585E+00	2.582E+00	2.582E+00	0.000E+00	4.139E+00	4.139E+00	4.139E+00	3.534E+01
45.0	1.605E-01	1.499E+00	1.498E+00	1.498E+00	0.000E+00	2.623E+00	2.623E+00	2.623E+00	3.386E+01
55.0	1.072E-01	1.007E+00	1.006E+00	1.006E+00	0.000E+00	1.877E+00	1.877E+00	1.877E+00	3.257E+01
65.0	7.747E-02	7.209E-01	7.202E-01	7.202E-01	0.000E+00	1.418E+00	1.418E+00	1.418E+00	3.145E+01
75.0	5.894E-02	5.454E-01	5.448E-01	5.448E-01	0.000E+00	1.120E+00	1.120E+00	1.120E+00	3.045E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	7.475E-07	1.401E-05	1.401E-05	1.405E-05
2.5	2.968E-07	4.318E-06	4.318E-06	4.440E-06
3.5	1.592E-07	2.031E-06	2.031E-06	2.201E-06
4.5	1.034E-07	1.203E-06	1.203E-06	1.406E-06
7.5	5.210E-08	5.484E-07	5.484E-07	8.037E-07
15.0	1.669E-08	1.664E-07	1.664E-07	4.391E-07
25.0	6.008E-09	5.784E-08	5.784E-08	3.199E-07
35.0	2.911E-09	2.751E-08	2.751E-08	2.775E-07
45.0	1.708E-09	1.596E-08	1.596E-08	2.555E-07
55.0	1.141E-09	1.072E-08	1.072E-08	2.412E-07
65.0	8.244E-10	7.673E-09	7.672E-09	2.302E-07
75.0	6.273E-10	5.805E-09	5.804E-09	2.212E-07

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

CONCENTRATION DATA FOR THE E DIRECTION, THETA EQUALS 90.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	2.148E-05	1.684E-04	1.684E-04	1.680E-04	1.833E+02	1.760E+02	8.000E+01	3.242E+01	2.351E-05	7.078E-04
2.5	7.161E-06	6.279E-05	6.278E-05	6.264E-05	8.156E+01	8.037E+01	5.152E+01	3.090E+01	4.424E-05	4.592E-04
3.5	3.666E-06	3.292E-05	3.292E-05	3.284E-05	4.887E+01	4.861E+01	3.710E+01	2.730E+01	6.102E-05	3.400E-04
4.5	2.283E-06	2.138E-05	2.137E-05	2.132E-05	3.440E+01	3.433E+01	2.862E+01	2.349E+01	7.451E-05	2.681E-04
7.5	1.193E-06	1.106E-05	1.106E-05	1.104E-05	1.825E+01	1.825E+01	1.676E+01	1.543E+01	1.001E-04	1.613E-04
15.0	4.774E-07	4.380E-06	4.380E-06	4.370E-06	8.082E+00	8.086E+00	7.859E+00	7.573E+00	1.185E-04	7.642E-05
25.0	2.311E-07	2.105E-06	2.105E-06	2.100E-06	4.456E+00	4.459E+00	4.427E+00	4.363E+00	1.224E-04	4.331E-05
35.0	1.406E-07	1.277E-06	1.277E-06	1.274E-06	3.008E+00	3.009E+00	3.009E+00	2.993E+00	1.220E-04	2.952E-05
45.0	9.561E-08	8.672E-07	8.672E-07	8.651E-07	2.235E+00	2.236E+00	2.241E+00	2.239E+00	1.205E-04	2.202E-05
55.0	6.939E-08	6.331E-07	6.331E-07	6.316E-07	1.765E+00	1.766E+00	1.773E+00	1.775E+00	1.187E-04	1.743E-05
65.0	5.234E-08	4.765E-07	4.765E-07	4.753E-07	1.438E+00	1.439E+00	1.445E+00	1.448E+00	1.168E-04	1.421E-05
75.0	4.057E-08	3.689E-07	3.689E-07	3.680E-07	1.203E+00	1.204E+00	1.209E+00	1.213E+00	1.149E-04	1.189E-05

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	8.698E+01	6.863E+02	6.856E+02	6.856E+02	0.000E+00	8.249E+02	8.249E+02	8.249E+02	9.967E+00
2.5	2.700E+01	2.386E+02	2.384E+02	2.384E+02	0.000E+00	3.020E+02	3.020E+02	3.020E+02	1.876E+01
3.5	1.312E+01	1.184E+02	1.183E+02	1.183E+02	0.000E+00	1.568E+02	1.568E+02	1.568E+02	2.587E+01
4.5	7.819E+00	7.341E+01	7.333E+01	7.333E+01	0.000E+00	1.005E+02	1.005E+02	1.005E+02	3.159E+01
7.5	3.616E+00	3.359E+01	3.356E+01	3.356E+01	0.000E+00	4.801E+01	4.801E+01	4.801E+01	4.246E+01
15.0	1.080E+00	9.940E+00	9.930E+00	9.930E+00	0.000E+00	1.633E+01	1.633E+01	1.633E+01	5.025E+01
25.0	3.741E-01	3.411E+00	3.408E+00	3.408E+00	0.000E+00	6.939E+00	6.939E+00	6.939E+00	5.187E+01
35.0	1.797E-01	1.633E+00	1.632E+00	1.632E+00	0.000E+00	4.015E+00	4.015E+00	4.015E+00	5.171E+01
45.0	1.059E-01	9.611E-01	9.601E-01	9.601E-01	0.000E+00	2.731E+00	2.731E+00	2.731E+00	5.110E+01
55.0	7.113E-02	6.526E-01	6.520E-01	6.520E-01	0.000E+00	2.051E+00	2.051E+00	2.051E+00	5.031E+01
65.0	5.143E-02	4.696E-01	4.691E-01	4.691E-01	0.000E+00	1.609E+00	1.609E+00	1.609E+00	4.951E+01
75.0	3.902E-02	3.552E-01	3.548E-01	3.548E-01	0.000E+00	1.308E+00	1.308E+00	1.308E+00	4.870E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	9.256E-07	7.304E-06	7.304E-06	7.357E-06
2.5	2.874E-07	2.539E-06	2.539E-06	2.666E-06
3.5	1.396E-07	1.260E-06	1.260E-06	1.440E-06
4.5	8.321E-08	7.812E-07	7.812E-07	1.003E-06
7.5	3.848E-08	3.575E-07	3.575E-07	6.571E-07
15.0	1.150E-08	1.058E-07	1.058E-07	4.611E-07
25.0	3.981E-09	3.630E-08	3.630E-08	4.033E-07
35.0	1.913E-09	1.738E-08	1.738E-08	3.833E-07
45.0	1.127E-09	1.023E-08	1.023E-08	3.718E-07
55.0	7.570E-10	6.946E-09	6.946E-09	3.629E-07
65.0	5.474E-10	4.997E-09	4.997E-09	3.553E-07
75.0	4.152E-10	3.780E-09	3.780E-09	3.483E-07

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

CONCENTRATION DATA FOR THE S DIRECTION, THETA EQUALS 180.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	7.321E-06	6.333E-05	6.333E-05	6.318E-05	4.083E+01	3.987E+01	2.301E+01	1.180E+01	1.172E-05	2.017E-04
2.5	3.783E-06	3.406E-05	3.406E-05	3.398E-05	2.310E+01	2.285E+01	1.634E+01	1.105E+01	1.951E-05	1.476E-04
3.5	2.322E-06	2.079E-05	2.079E-05	2.074E-05	1.535E+01	1.528E+01	1.234E+01	9.712E+00	2.564E-05	1.145E-04
4.5	1.670E-06	1.537E-05	1.537E-05	1.533E-05	1.155E+01	1.152E+01	9.912E+00	8.468E+00	3.080E-05	9.371E-05
7.5	9.765E-07	8.884E-06	8.883E-06	8.863E-06	6.629E+00	6.629E+00	6.136E+00	5.717E+00	4.060E-05	5.926E-05
15.0	4.199E-07	3.817E-06	3.817E-06	3.808E-06	3.121E+00	3.122E+00	3.032E+00	2.925E+00	4.829E-05	2.950E-05
25.0	2.091E-07	1.896E-06	1.896E-06	1.891E-06	1.770E+00	1.771E+00	1.756E+00	1.728E+00	5.033E-05	1.717E-05
35.0	1.287E-07	1.165E-06	1.165E-06	1.162E-06	1.211E+00	1.211E+00	1.210E+00	1.202E+00	5.050E-05	1.186E-05
45.0	8.834E-08	7.991E-07	7.991E-07	7.972E-07	9.065E-01	9.070E-01	9.086E-01	9.068E-01	5.012E-05	8.923E-06
55.0	6.489E-08	5.906E-07	5.905E-07	5.892E-07	7.198E-01	7.202E-01	7.224E-01	7.227E-01	4.952E-05	7.100E-06
65.0	4.967E-08	4.511E-07	4.511E-07	4.500E-07	5.885E-01	5.888E-01	5.911E-01	5.922E-01	4.886E-05	5.812E-06
75.0	3.917E-08	3.552E-07	3.552E-07	3.544E-07	4.937E-01	4.940E-01	4.962E-01	4.974E-01	4.816E-05	4.880E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	3.116E+01	2.659E+02	2.657E+02	2.657E+02	0.000E+00	2.972E+02	2.972E+02	2.972E+02	4.971E+00
2.5	1.538E+01	1.375E+02	1.373E+02	1.373E+02	0.000E+00	1.554E+02	1.554E+02	1.554E+02	8.274E+00
3.5	9.076E+00	8.068E+01	8.059E+01	8.059E+01	0.000E+00	9.269E+01	9.269E+01	9.269E+01	1.087E+01
4.5	6.306E+00	5.762E+01	5.756E+01	5.756E+01	0.000E+00	6.669E+01	6.669E+01	6.669E+01	1.306E+01
7.5	3.374E+00	3.047E+01	3.043E+01	3.043E+01	0.000E+00	3.568E+01	3.568E+01	3.568E+01	1.721E+01
15.0	1.159E+00	1.047E+01	1.046E+01	1.046E+01	0.000E+00	1.293E+01	1.293E+01	1.293E+01	2.047E+01
25.0	4.347E-01	3.918E+00	3.914E+00	3.914E+00	0.000E+00	5.317E+00	5.317E+00	5.317E+00	2.134E+01
35.0	2.106E-01	1.898E+00	1.896E+00	1.896E+00	0.000E+00	2.855E+00	2.855E+00	2.855E+00	2.141E+01
45.0	1.204E-01	1.086E+00	1.084E+00	1.084E+00	0.000E+00	1.803E+00	1.803E+00	1.803E+00	2.125E+01
55.0	7.776E-02	7.122E-01	7.115E-01	7.115E-01	0.000E+00	1.282E+00	1.282E+00	1.282E+00	2.100E+01
65.0	5.446E-02	4.966E-01	4.961E-01	4.961E-01	0.000E+00	9.624E-01	9.624E-01	9.624E-01	2.071E+01
75.0	4.054E-02	3.686E-01	3.682E-01	3.682E-01	0.000E+00	7.595E-01	7.595E-01	7.595E-01	2.042E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	3.316E-07	2.830E-06	2.830E-06	2.859E-06
2.5	1.637E-07	1.463E-06	1.463E-06	1.518E-06
3.5	9.659E-08	8.586E-07	8.586E-07	9.335E-07
4.5	6.711E-08	6.133E-07	6.133E-07	7.042E-07
7.5	3.591E-08	3.242E-07	3.242E-07	4.453E-07
15.0	1.233E-08	1.114E-07	1.114E-07	2.560E-07
25.0	4.626E-09	4.170E-08	4.170E-08	1.926E-07
35.0	2.241E-09	2.020E-08	2.020E-08	1.716E-07
45.0	1.281E-09	1.155E-08	1.155E-08	1.619E-07
55.0	8.275E-10	7.580E-09	7.580E-09	1.561E-07
65.0	5.796E-10	5.285E-09	5.285E-09	1.518E-07
75.0	4.315E-10	3.923E-09	3.923E-09	1.484E-07

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

CONCENTRATION DATA FOR THE W DIRECTION, THETA EQUALS 270.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	1.841E-06	1.085E-05	1.085E-05	1.083E-05	8.738E+01	8.645E+01	4.795E+01	2.277E+01	2.032E-05	4.171E-04
2.5	8.132E-07	6.262E-06	6.262E-06	6.247E-06	4.921E+01	4.904E+01	3.504E+01	2.276E+01	3.714E-05	3.130E-04
3.5	4.605E-07	3.798E-06	3.798E-06	3.789E-06	3.163E+01	3.161E+01	2.605E+01	2.019E+01	5.003E-05	2.400E-04
4.5	3.244E-07	2.748E-06	2.748E-06	2.741E-06	2.305E+01	2.306E+01	2.041E+01	1.740E+01	6.020E-05	1.922E-04
7.5	1.831E-07	1.601E-06	1.600E-06	1.597E-06	1.252E+01	1.252E+01	1.197E+01	1.131E+01	7.822E-05	1.158E-04
15.0	7.757E-08	6.922E-07	6.921E-07	6.905E-07	5.486E+00	5.489E+00	5.440E+00	5.346E+00	8.871E-05	5.318E-05
25.0	3.854E-08	3.456E-07	3.456E-07	3.448E-07	2.960E+00	2.962E+00	2.966E+00	2.958E+00	8.864E-05	2.912E-05
35.0	2.374E-08	2.134E-07	2.133E-07	2.128E-07	1.962E+00	1.963E+00	1.971E+00	1.974E+00	8.647E-05	1.938E-05
45.0	1.632E-08	1.469E-07	1.469E-07	1.465E-07	1.436E+00	1.437E+00	1.444E+00	1.447E+00	8.408E-05	1.420E-05
55.0	1.198E-08	1.086E-07	1.086E-07	1.083E-07	1.122E+00	1.122E+00	1.127E+00	1.131E+00	8.175E-05	1.109E-05
65.0	9.148E-09	8.284E-08	8.284E-08	8.264E-08	9.036E-01	9.041E-01	9.084E-01	9.115E-01	7.962E-05	8.937E-06
75.0	7.184E-09	6.502E-08	6.502E-08	6.487E-08	7.487E-01	7.491E-01	7.527E-01	7.554E-01	7.763E-05	7.406E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	7.323E+00	4.397E+01	4.392E+01	4.392E+01	0.000E+00	1.124E+02	1.124E+02	1.124E+02	8.616E+00
2.5	3.073E+00	2.409E+01	2.407E+01	2.407E+01	0.000E+00	6.291E+01	6.291E+01	6.291E+01	1.575E+01
3.5	1.665E+00	1.389E+01	1.388E+01	1.388E+01	0.000E+00	3.891E+01	3.891E+01	3.891E+01	2.121E+01
4.5	1.130E+00	9.632E+00	9.622E+00	9.622E+00	0.000E+00	2.788E+01	2.788E+01	2.788E+01	2.552E+01
7.5	5.763E-01	5.056E+00	5.051E+00	5.051E+00	0.000E+00	1.497E+01	1.497E+01	1.497E+01	3.316E+01
15.0	1.886E-01	1.692E+00	1.690E+00	1.690E+00	0.000E+00	6.038E+00	6.038E+00	6.038E+00	3.761E+01
25.0	6.850E-02	6.171E-01	6.164E-01	6.164E-01	0.000E+00	2.962E+00	2.962E+00	2.962E+00	3.758E+01
35.0	3.308E-02	2.982E-01	2.979E-01	2.979E-01	0.000E+00	1.853E+00	1.853E+00	1.853E+00	3.666E+01
45.0	1.928E-02	1.738E-01	1.736E-01	1.736E-01	0.000E+00	1.312E+00	1.312E+00	1.312E+00	3.565E+01
55.0	1.280E-02	1.171E-01	1.169E-01	1.169E-01	0.000E+00	1.006E+00	1.006E+00	1.006E+00	3.466E+01
65.0	9.218E-03	8.386E-02	8.377E-02	8.377E-02	0.000E+00	7.999E-01	7.999E-01	7.999E-01	3.376E+01
75.0	7.007E-03	6.358E-02	6.351E-02	6.351E-02	0.000E+00	6.569E-01	6.569E-01	6.569E-01	3.291E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	7.794E-08	4.679E-07	4.679E-07	5.278E-07
2.5	3.270E-08	2.564E-07	2.564E-07	3.672E-07
3.5	1.772E-08	1.478E-07	1.478E-07	2.976E-07
4.5	1.203E-08	1.025E-07	1.025E-07	2.829E-07
7.5	6.134E-09	5.381E-08	5.381E-08	2.883E-07
15.0	2.007E-09	1.801E-08	1.801E-08	2.841E-07
25.0	7.290E-10	6.567E-09	6.567E-09	2.725E-07
35.0	3.520E-10	3.174E-09	3.174E-09	2.626E-07
45.0	2.051E-10	1.850E-09	1.850E-09	2.541E-07
55.0	1.363E-10	1.246E-09	1.246E-09	2.465E-07
65.0	9.810E-11	8.925E-10	8.924E-10	2.397E-07
75.0	7.458E-11	6.766E-10	6.766E-10	2.336E-07

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

CONCENTRATION DATA FOR THE NW DIRECTION, THETA EQUALS 315.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	4.558E-06	5.570E-05	5.570E-05	5.557E-05	5.577E+02	5.414E+02	2.476E+02	1.001E+02	7.202E-05	2.186E-03
2.5	1.922E-06	2.153E-05	2.153E-05	2.148E-05	2.475E+02	2.455E+02	1.589E+02	9.491E+01	1.348E-04	1.412E-03
3.5	1.067E-06	1.122E-05	1.122E-05	1.119E-05	1.439E+02	1.437E+02	1.113E+02	8.185E+01	1.822E-04	1.018E-03
4.5	7.287E-07	7.289E-06	7.288E-06	7.271E-06	9.860E+01	9.858E+01	8.361E+01	6.872E+01	2.173E-04	7.818E-04
7.5	3.962E-07	3.838E-06	3.838E-06	3.829E-06	4.914E+01	4.917E+01	4.600E+01	4.257E+01	2.759E-04	4.426E-04
15.0	1.610E-07	1.547E-06	1.547E-06	1.544E-06	1.994E+01	1.996E+01	1.964E+01	1.912E+01	3.000E-04	1.915E-04
25.0	7.997E-08	7.514E-07	7.514E-07	7.497E-07	1.033E+01	1.033E+01	1.033E+01	1.026E+01	2.908E-04	1.013E-04
35.0	4.913E-08	4.566E-07	4.566E-07	4.555E-07	6.695E+00	6.699E+00	6.720E+00	6.722E+00	2.784E-04	6.604E-05
45.0	3.359E-08	3.104E-07	3.104E-07	3.096E-07	4.830E+00	4.833E+00	4.854E+00	4.865E+00	2.670E-04	4.773E-05
55.0	2.451E-08	2.271E-07	2.271E-07	2.266E-07	3.735E+00	3.737E+00	3.754E+00	3.765E+00	2.569E-04	3.693E-05
65.0	1.859E-08	1.715E-07	1.715E-07	1.711E-07	2.984E+00	2.986E+00	3.000E+00	3.010E+00	2.480E-04	2.952E-05
75.0	1.451E-08	1.335E-07	1.335E-07	1.332E-07	2.457E+00	2.459E+00	2.470E+00	2.479E+00	2.401E-04	2.430E-05

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	1.750E+01	2.169E+02	2.166E+02	2.166E+02	0.000E+00	6.455E+02	6.455E+02	6.455E+02	3.054E+01
2.5	6.958E+00	7.914E+01	7.906E+01	7.906E+01	0.000E+00	2.735E+02	2.735E+02	2.735E+02	5.716E+01
3.5	3.678E+00	3.911E+01	3.907E+01	3.907E+01	0.000E+00	1.529E+02	1.529E+02	1.529E+02	7.724E+01
4.5	2.413E+00	2.431E+01	2.428E+01	2.428E+01	0.000E+00	1.024E+02	1.024E+02	1.024E+02	9.214E+01
7.5	1.185E+00	1.153E+01	1.152E+01	1.152E+01	0.000E+00	5.047E+01	5.047E+01	5.047E+01	1.170E+02
15.0	3.739E-01	3.614E+00	3.611E+00	3.611E+00	0.000E+00	1.942E+01	1.942E+01	1.942E+01	1.272E+02
25.0	1.374E-01	1.297E+00	1.296E+00	1.296E+00	0.000E+00	9.479E+00	9.479E+00	9.479E+00	1.233E+02
35.0	6.706E-02	6.255E-01	6.249E-01	6.249E-01	0.000E+00	5.930E+00	5.930E+00	5.930E+00	1.180E+02
45.0	3.927E-02	3.636E-01	3.632E-01	3.632E-01	0.000E+00	4.191E+00	4.191E+00	4.191E+00	1.132E+02
55.0	2.607E-02	2.436E-01	2.433E-01	2.433E-01	0.000E+00	3.203E+00	3.203E+00	3.203E+00	1.089E+02
65.0	1.870E-02	1.733E-01	1.731E-01	1.731E-01	0.000E+00	2.538E+00	2.538E+00	2.538E+00	1.052E+02
75.0	1.414E-02	1.304E-01	1.303E-01	1.303E-01	0.000E+00	2.078E+00	2.078E+00	2.078E+00	1.018E+02

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	1.862E-07	2.308E-06	2.308E-06	2.519E-06
2.5	7.405E-08	8.423E-07	8.423E-07	1.245E-06
3.5	3.914E-08	4.162E-07	4.162E-07	9.618E-07
4.5	2.568E-08	2.587E-07	2.587E-07	9.100E-07
7.5	1.261E-08	1.228E-07	1.228E-07	9.500E-07
15.0	3.980E-09	3.847E-08	3.847E-08	9.384E-07
25.0	1.462E-09	1.380E-08	1.380E-08	8.863E-07
35.0	7.137E-10	6.657E-09	6.657E-09	8.418E-07
45.0	4.179E-10	3.870E-09	3.870E-09	8.049E-07
55.0	2.775E-10	2.592E-09	2.592E-09	7.733E-07
65.0	1.990E-10	1.845E-09	1.845E-09	7.460E-07
75.0	1.505E-10	1.388E-09	1.388E-09	7.217E-07

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	1.858E-04	6.747E-05	3.741E-05	2.617E-05	1.548E-03	4.070E-03	5.239E-03	8.436E-03	9.807E-03	1.111E-02	1.235E-02	1.353E-02
NNE	5.865E-04	2.464E-04	1.384E-04	9.294E-05	4.777E-03	9.443E-03	9.473E-03	1.293E-02	1.337E-02	1.379E-02	1.443E-02	1.497E-02
NE	5.496E-04	2.064E-04	1.143E-04	7.643E-05	4.905E-04	1.976E-03	4.946E-03	6.230E-03	1.234E-02	8.051E-03	1.560E-02	5.621E-02
ENE	1.296E-04	4.704E-05	2.675E-05	1.932E-05	1.240E-03	3.721E-03	5.370E-03	6.943E-03	8.462E-03	9.917E-03	1.133E-02	1.129E-02
E	1.085E-04	4.416E-05	2.640E-05	1.993E-05	1.333E-03	1.307E-02	6.281E-03	8.236E-03	1.013E-02	1.195E-02	6.856E-03	7.711E-03
ESE	1.227E-04	5.099E-05	3.022E-05	2.289E-05	1.531E-03	1.385E-02	1.227E-02	3.292E-03	9.111E-03	4.826E-03	6.563E-03	6.529E-03
SE	7.901E-05	4.543E-05	2.967E-05	2.325E-05	1.521E-03	4.474E-03	2.108E-03	2.721E-03	3.310E-03	1.946E-03	2.225E-03	2.496E-03
SSE	4.337E-05	2.001E-05	1.247E-05	9.800E-06	2.171E-04	7.089E-04	1.063E-03	7.046E-04	8.773E-04	1.040E-03	1.197E-03	1.350E-03
S	4.017E-05	2.296E-05	1.527E-05	1.229E-05	1.061E-03	1.239E-03	1.420E-03	1.640E-03	7.676E-04	8.912E-04	2.271E-03	2.072E-02
SSW	1.244E-05	5.906E-06	4.084E-06	3.581E-06	9.458E-05	3.622E-04	5.747E-04	7.791E-04	9.713E-04	2.426E-03	6.675E-04	3.769E-03
SW	2.970E-06	2.322E-06	2.385E-06	2.599E-06	8.915E-05	3.966E-04	1.089E-03	9.015E-04	5.664E-04	6.746E-04	7.783E-04	8.777E-04
WSW	1.780E-06	1.890E-06	2.226E-06	2.561E-06	2.821E-04	1.278E-03	2.151E-03	4.922E-04	6.228E-04	7.434E-04	7.119E-03	9.701E-04
W	8.525E-06	6.802E-06	6.180E-06	6.253E-06	6.014E-04	2.472E-03	3.979E-03	8.904E-04	1.111E-03	3.372E-03	1.505E-03	1.688E-03
WNW	2.630E-05	1.815E-05	1.610E-05	1.623E-05	2.695E-04	5.647E-03	1.758E-03	2.361E-03	2.938E-03	3.464E-03	3.964E-03	7.661E-02
NW	4.064E-05	2.393E-05	2.082E-05	2.085E-05	2.012E-03	8.151E-03	1.288E-02	1.708E-02	3.503E-03	4.103E-03	4.668E-03	5.204E-03
NNW	4.474E-05	2.160E-05	1.579E-05	1.401E-05	1.165E-03	4.193E-03	6.294E-03	1.089E-02	1.319E-02	1.535E-02	1.738E-02	1.930E-02

TOTAL DOSE COMMITMENT IS 7.952E-01 PERSON-REM/YR

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	2.475E-03	8.667E-04	4.620E-04	3.105E-04	1.694E-02	3.993E-02	4.800E-02	7.461E-02	8.491E-02	9.490E-02	1.044E-01	1.134E-01
NNE	7.823E-03	3.234E-03	1.790E-03	1.187E-03	5.901E-02	1.095E-01	1.032E-01	1.345E-01	1.343E-01	1.350E-01	1.380E-01	1.404E-01
NE	7.205E-03	2.664E-03	1.456E-03	9.618E-04	5.966E-03	2.244E-02	5.244E-02	6.296E-02	1.203E-01	7.647E-02	1.449E-01	5.125E-01
ENE	1.608E-03	5.737E-04	3.157E-04	2.195E-04	1.290E-02	3.461E-02	4.708E-02	5.927E-02	7.118E-02	8.265E-02	9.376E-02	9.303E-02
E	1.384E-03	5.477E-04	3.137E-04	2.265E-04	1.376E-02	1.203E-01	5.464E-02	6.990E-02	8.483E-02	9.924E-02	5.658E-02	6.336E-02
ESE	1.571E-03	6.365E-04	3.615E-04	2.622E-04	1.589E-02	1.277E-01	1.067E-01	2.791E-02	7.623E-02	4.005E-02	5.414E-02	5.363E-02
SE	9.902E-04	5.642E-04	3.581E-04	2.729E-04	1.657E-02	4.349E-02	1.907E-02	2.376E-02	2.831E-02	1.644E-02	1.862E-02	2.075E-02
SSE	5.456E-04	2.446E-04	1.459E-04	1.101E-04	2.220E-03	6.477E-03	9.199E-03	5.956E-03	7.321E-03	8.608E-03	9.855E-03	1.107E-02
S	5.176E-04	2.896E-04	1.869E-04	1.464E-04	1.178E-02	1.230E-02	1.308E-02	1.452E-02	6.642E-03	7.598E-03	1.916E-02	1.734E-01
SSW	1.606E-04	7.070E-05	4.480E-05	3.679E-05	8.761E-04	3.100E-03	4.786E-03	6.420E-03	7.959E-03	1.981E-02	5.438E-03	3.064E-02
SW	3.408E-05	2.265E-05	2.132E-05	2.239E-05	7.415E-04	3.244E-03	8.862E-03	7.323E-03	4.595E-03	5.469E-03	6.305E-03	7.105E-03
WSW	1.707E-05	1.623E-05	1.849E-05	2.104E-05	2.299E-03	1.038E-02	1.745E-02	3.991E-03	5.046E-03	6.020E-03	5.762E-02	7.848E-03
W	1.006E-04	7.384E-05	6.153E-05	5.899E-05	5.303E-03	2.078E-02	3.287E-02	7.304E-03	9.074E-03	2.748E-02	1.224E-02	1.371E-02
WNW	3.222E-04	1.993E-04	1.600E-04	1.519E-04	2.355E-03	4.723E-02	1.448E-02	1.933E-02	2.397E-02	2.821E-02	3.222E-02	6.219E-01
NW	5.021E-04	2.604E-04	2.033E-04	1.914E-04	1.735E-02	6.777E-02	1.057E-01	1.396E-01	2.855E-02	3.337E-02	3.791E-02	4.222E-02
NNW	5.677E-04	2.496E-04	1.660E-04	1.376E-04	1.054E-02	3.577E-02	5.244E-02	8.985E-02	1.083E-01	1.255E-01	1.418E-01	1.572E-01

TOTAL DOSE COMMITMENT IS 6.987E+00 PERSON-REM/YR

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS AVG.LUNG

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	3.559E-04	1.317E-04	7.070E-05	4.657E-05	2.331E-03	4.441E-03	4.194E-03	5.329E-03	5.117E-03	4.968E-03	4.831E-03	4.730E-03
NNE	1.134E-03	4.911E-04	2.799E-04	1.884E-04	9.684E-03	1.843E-02	1.704E-02	2.104E-02	1.953E-02	1.811E-02	1.700E-02	1.588E-02
NE	1.109E-03	4.265E-04	2.374E-04	1.579E-04	9.937E-04	3.716E-03	8.247E-03	9.096E-03	1.575E-02	9.037E-03	1.544E-02	4.933E-02
ENE	2.907E-04	1.012E-04	5.302E-05	3.427E-05	1.667E-03	3.111E-03	3.025E-03	2.977E-03	2.966E-03	2.991E-03	3.030E-03	2.754E-03
E	2.279E-04	8.918E-05	4.900E-05	3.299E-05	1.672E-03	1.009E-02	3.233E-03	3.230E-03	3.265E-03	3.339E-03	1.713E-03	1.770E-03
ESE	2.566E-04	1.026E-04	5.614E-05	3.806E-05	1.916E-03	1.048E-02	6.158E-03	1.260E-03	2.877E-03	1.327E-03	1.620E-03	1.486E-03
SE	1.723E-04	9.465E-05	5.865E-05	4.282E-05	2.345E-03	4.730E-03	1.542E-03	1.513E-03	1.487E-03	7.409E-04	7.381E-04	7.409E-04
SSE	9.283E-05	4.090E-05	2.335E-05	1.642E-05	2.749E-04	5.368E-04	5.252E-04	2.623E-04	2.669E-04	2.736E-04	2.817E-04	2.922E-04
S	8.155E-05	4.549E-05	2.894E-05	2.203E-05	1.634E-03	1.382E-03	1.141E-03	1.022E-03	3.909E-04	3.863E-04	8.591E-04	6.999E-03
SSW	2.324E-05	9.819E-06	5.509E-06	3.935E-06	6.647E-05	1.410E-04	1.544E-04	1.714E-04	1.895E-04	4.398E-04	1.154E-04	6.327E-04
SW	4.343E-06	1.914E-06	1.181E-06	9.291E-07	2.012E-05	6.388E-05	1.560E-04	1.248E-04	7.788E-05	9.335E-05	1.090E-04	1.249E-04
WSW	2.182E-06	8.938E-07	5.756E-07	4.841E-07	3.947E-05	1.601E-04	2.684E-04	6.235E-05	8.052E-05	9.836E-05	9.640E-04	1.345E-04
W	1.585E-05	9.287E-06	6.025E-06	4.673E-06	2.861E-04	7.195E-04	8.792E-04	1.712E-04	1.972E-04	5.719E-04	2.481E-04	2.742E-04
WNW	4.944E-05	2.577E-05	1.601E-05	1.204E-05	1.227E-04	1.546E-03	3.660E-04	4.299E-04	4.967E-04	5.621E-04	6.279E-04	1.199E-02
NW	7.424E-05	3.135E-05	1.806E-05	1.298E-05	7.593E-04	1.925E-03	2.424E-03	2.900E-03	5.633E-04	6.421E-04	7.206E-04	8.002E-04
NNW	8.309E-05	3.320E-05	1.843E-05	1.264E-05	6.816E-04	1.500E-03	1.670E-03	2.449E-03	2.676E-03	2.914E-03	3.153E-03	3.401E-03

TOTAL DOSE COMMITMENT IS 4.529E-01 PERSON-REM/YR

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS BRONCHI

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	2.976E-01	1.091E-01	5.908E-02	3.881E-02	1.628E+00	2.598E+00	2.230E+00	2.698E+00	2.507E+00	2.373E+00	2.245E+00	2.137E+00
NNE	2.217E-01	8.042E-02	4.419E-02	2.935E-02	1.289E+00	2.177E+00	1.945E+00	2.417E+00	2.291E+00	2.185E+00	2.115E+00	2.040E+00
NE	2.127E-01	8.043E-02	4.539E-02	3.065E-02	1.713E-01	5.864E-01	1.273E+00	1.423E+00	2.527E+00	1.496E+00	2.639E+00	8.711E+00
ENE	2.294E-01	9.435E-02	5.531E-02	3.832E-02	1.771E+00	3.052E+00	2.774E+00	2.602E+00	2.477E+00	2.384E+00	2.290E+00	1.965E+00
E	2.291E-01	1.020E-01	6.109E-02	4.300E-02	2.007E+00	1.098E+01	3.281E+00	3.098E+00	2.961E+00	2.858E+00	1.375E+00	1.328E+00
ESE	1.771E-01	9.728E-02	6.293E-02	4.628E-02	2.286E+00	1.185E+01	6.546E+00	1.264E+00	2.717E+00	1.177E+00	1.342E+00	1.147E+00
SE	1.083E-01	6.537E-02	4.442E-02	3.373E-02	1.740E+00	3.351E+00	1.070E+00	1.035E+00	1.001E+00	4.892E-01	4.744E-01	4.609E-01
SSE	6.771E-02	3.915E-02	2.628E-02	1.984E-02	3.316E-01	6.373E-01	6.028E-01	2.890E-01	2.804E-01	2.724E-01	2.637E-01	2.558E-01
S	5.103E-02	2.887E-02	1.918E-02	1.443E-02	9.777E-01	7.646E-01	6.085E-01	5.342E-01	2.006E-01	1.943E-01	4.215E-01	3.335E+00
SSW	4.314E-02	2.328E-02	1.519E-02	1.123E-02	1.799E-01	3.304E-01	3.036E-01	2.870E-01	2.730E-01	5.515E-01	1.262E-01	6.076E-01
SW	5.008E-02	2.755E-02	1.792E-02	1.321E-02	2.106E-01	3.823E-01	5.762E-01	3.259E-01	1.544E-01	1.477E-01	1.409E-01	1.350E-01
WSW	5.974E-02	3.162E-02	2.018E-02	1.474E-02	7.070E-01	1.261E+00	1.153E+00	1.794E-01	1.707E-01	1.634E-01	1.293E+00	1.494E-01
W	1.092E-01	6.152E-02	3.954E-02	2.882E-02	1.377E+00	2.421E+00	2.180E+00	3.360E-01	3.178E-01	7.782E-01	2.880E-01	2.752E-01
WNW	3.495E-01	1.969E-01	1.250E-01	9.010E-02	7.261E-01	6.372E+00	1.100E+00	1.015E+00	9.589E-01	9.134E-01	8.689E-01	1.433E+01
NW	6.971E-01	3.094E-01	1.799E-01	1.232E-01	5.406E+00	8.801E+00	7.603E+00	6.896E+00	1.069E+00	1.008E+00	9.513E-01	9.030E-01
NNW	5.484E-01	1.945E-01	1.018E-01	6.547E-02	2.617E+00	3.966E+00	3.315E+00	3.949E+00	3.628E+00	3.404E+00	3.196E+00	3.020E+00

TOTAL DOSE COMMITMENT IS 2.592E+02 PERSON-REM/YR

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS GROUND EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	2.722E-04	8.604E-05	4.141E-05	2.501E-05	1.016E-03	1.325E-03	8.761E-04	8.954E-04	7.592E-04	6.908E-04	6.424E-04	6.101E-04
NNE	8.172E-04	3.163E-04	1.657E-04	1.045E-04	4.525E-03	6.027E-03	3.724E-03	3.385E-03	2.529E-03	2.054E-03	1.755E-03	1.549E-03
NE	7.491E-04	2.564E-04	1.319E-04	8.243E-05	4.377E-04	1.138E-03	1.683E-03	1.386E-03	1.978E-03	1.018E-03	1.617E-03	4.965E-03
ENE	1.698E-04	5.593E-05	2.799E-05	1.738E-05	7.173E-04	9.582E-04	6.964E-04	5.870E-04	5.371E-04	5.148E-04	4.992E-04	4.360E-04
E	1.499E-04	5.484E-05	2.848E-05	1.828E-05	7.723E-04	3.313E-03	7.946E-04	6.758E-04	6.223E-04	5.996E-04	2.921E-04	2.880E-04
ESE	1.628E-04	6.306E-05	3.305E-05	2.156E-05	9.301E-04	3.698E-03	1.620E-03	2.783E-04	5.707E-04	2.455E-04	2.826E-04	2.462E-04
SE	9.851E-05	5.278E-05	3.097E-05	2.159E-05	1.007E-03	1.470E-03	3.536E-04	2.885E-04	2.547E-04	1.196E-04	1.140E-04	1.106E-04
SSE	5.542E-05	2.302E-05	1.242E-05	8.318E-06	1.167E-04	1.658E-04	1.275E-04	5.661E-05	5.395E-05	5.283E-05	5.202E-05	5.161E-05
S	5.406E-05	2.827E-05	1.687E-05	1.214E-05	7.688E-04	4.676E-04	2.760E-04	1.966E-04	6.474E-05	5.851E-05	1.218E-04	9.470E-04
SSW	1.870E-05	7.599E-06	4.131E-06	2.799E-06	3.956E-05	6.090E-05	5.120E-05	4.805E-05	4.689E-05	9.832E-05	2.347E-05	1.181E-04
SW	7.705E-06	3.874E-06	2.413E-06	1.750E-06	2.752E-05	5.044E-05	7.968E-05	4.779E-05	2.407E-05	2.442E-05	2.472E-05	2.507E-05
WSW	7.448E-06	3.807E-06	2.399E-06	1.746E-06	8.451E-05	1.579E-04	1.546E-04	2.574E-05	2.617E-05	2.663E-05	2.240E-04	2.748E-05
W	2.026E-05	1.136E-05	7.043E-06	5.064E-06	2.425E-04	4.078E-04	3.545E-04	5.491E-05	5.342E-05	1.360E-04	5.264E-05	5.270E-05
WNW	6.373E-05	3.323E-05	2.007E-05	1.413E-05	1.127E-04	9.581E-04	1.639E-04	1.546E-04	1.513E-04	1.500E-04	1.490E-04	2.569E-03
NW	1.161E-04	4.926E-05	2.760E-05	1.855E-05	8.164E-04	1.313E-03	1.136E-03	1.057E-03	1.703E-04	1.679E-04	1.660E-04	1.653E-04
NNW	1.100E-04	3.887E-05	1.978E-05	1.248E-05	5.117E-04	7.455E-04	5.900E-04	6.946E-04	6.497E-04	6.301E-04	6.162E-04	6.086E-04

TOTAL DOSE COMMITMENT IS 9.627E-02 PERSON-REM/YR

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS CLOUD EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	5.217E-04	4.030E-04	3.174E-04	2.523E-04	1.276E-02	2.163E-02	1.908E-02	2.342E-02	2.193E-02	2.084E-02	1.977E-02	1.884E-02
NNE	3.294E-04	2.598E-04	2.081E-04	1.677E-04	8.879E-03	1.645E-02	1.570E-02	2.027E-02	1.963E-02	1.894E-02	1.847E-02	1.789E-02
NE	3.068E-04	2.539E-04	2.080E-04	1.705E-04	1.161E-03	4.446E-03	1.037E-02	1.201E-02	2.175E-02	1.301E-02	2.310E-02	7.653E-02
ENE	3.749E-04	3.297E-04	2.793E-04	2.341E-04	1.320E-02	2.495E-02	2.368E-02	2.262E-02	2.170E-02	2.097E-02	2.019E-02	1.734E-02
E	4.210E-04	3.669E-04	3.125E-04	2.643E-04	1.503E-02	9.058E-02	2.819E-02	2.703E-02	2.600E-02	2.516E-02	1.213E-02	1.172E-02
ESE	3.648E-04	3.592E-04	3.223E-04	2.820E-04	1.692E-02	9.768E-02	5.638E-02	1.105E-02	2.389E-02	1.037E-02	1.184E-02	1.012E-02
SE	2.464E-04	2.449E-04	2.232E-04	1.986E-04	1.234E-02	2.692E-02	9.107E-03	8.997E-03	8.777E-03	4.303E-03	4.182E-03	4.067E-03
SSE	1.731E-04	1.581E-04	1.386E-04	1.207E-04	2.385E-03	5.120E-03	5.122E-03	2.510E-03	2.457E-03	2.397E-03	2.325E-03	2.257E-03
S	1.447E-04	1.283E-04	1.100E-04	9.473E-05	7.456E-03	6.307E-03	5.213E-03	4.649E-03	1.758E-03	1.709E-03	3.715E-03	2.943E-02
SSW	1.307E-04	1.105E-04	9.265E-05	7.813E-05	1.440E-03	2.806E-03	2.640E-03	2.518E-03	2.404E-03	4.864E-03	1.114E-03	5.366E-03
SW	1.556E-04	1.348E-04	1.130E-04	9.517E-05	1.742E-03	3.312E-03	5.058E-03	2.873E-03	1.363E-03	1.305E-03	1.245E-03	1.192E-03
WSW	1.757E-04	1.499E-04	1.251E-04	1.051E-04	5.836E-03	1.095E-02	1.014E-02	1.583E-03	1.508E-03	1.444E-03	1.142E-02	1.320E-03
W	2.842E-04	2.662E-04	2.292E-04	1.948E-04	1.098E-02	2.071E-02	1.909E-02	2.960E-03	2.805E-03	6.871E-03	2.544E-03	2.431E-03
WNW	7.230E-04	7.276E-04	6.412E-04	5.498E-04	5.384E-03	5.287E-02	9.541E-03	8.918E-03	8.452E-03	8.062E-03	7.674E-03	1.266E-01
NW	1.301E-03	1.128E-03	9.371E-04	7.731E-04	4.144E-02	7.416E-02	6.625E-02	6.065E-02	9.426E-03	8.902E-03	8.402E-03	7.978E-03
NNW	1.036E-03	7.325E-04	5.539E-04	4.311E-04	2.099E-02	3.406E-02	2.901E-02	3.475E-02	3.199E-02	3.004E-02	2.822E-02	2.668E-02

TOTAL DOSE COMMITMENT IS 2.175E+00 PERSON-REM/YR

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS VEG. ING EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	7.004E-04	3.673E-04	2.522E-04	2.044E-04	9.371E-04	1.906E-03	2.203E-03	2.618E-03	3.070E-03	3.525E-03	3.965E-03	4.388E-03
NNE	2.316E-03	1.501E-03	1.104E-03	9.014E-04	3.798E-03	5.515E-03	4.104E-03	3.573E-03	3.463E-03	3.574E-03	3.755E-03	3.985E-03
NE	2.125E-03	1.211E-03	8.747E-04	7.077E-04	2.948E-03	4.324E-03	3.409E-03	3.183E-03	3.269E-03	3.509E-03	3.791E-03	4.101E-03
ENE	4.278E-04	2.290E-04	1.627E-04	1.367E-04	6.729E-04	1.667E-03	2.289E-03	2.975E-03	3.668E-03	4.346E-03	5.003E-03	5.636E-03
E	3.679E-04	2.202E-04	1.636E-04	1.434E-04	7.424E-04	1.929E-03	2.713E-03	3.565E-03	4.426E-03	5.270E-03	6.089E-03	6.881E-03
ESE	4.224E-04	2.633E-04	1.947E-04	1.716E-04	8.863E-04	2.304E-03	3.256E-03	4.295E-03	5.351E-03	6.391E-03	7.404E-03	8.384E-03
SE	2.559E-04	2.283E-04	1.899E-04	1.765E-04	9.123E-04	2.097E-03	2.702E-03	3.441E-03	4.230E-03	5.027E-03	5.812E-03	6.578E-03
SSE	1.420E-04	9.535E-05	7.292E-05	6.634E-05	3.445E-04	9.280E-04	1.363E-03	1.831E-03	2.299E-03	2.756E-03	3.200E-03	3.628E-03
S	1.428E-04	1.257E-04	1.071E-04	1.028E-04	5.250E-04	1.127E-03	1.339E-03	1.627E-03	1.950E-03	2.285E-03	2.617E-03	2.943E-03
SSW	4.168E-05	2.748E-05	2.235E-05	2.236E-05	1.430E-04	4.886E-04	7.701E-04	1.046E-03	1.312E-03	1.568E-03	1.814E-03	2.050E-03
SW	7.515E-06	7.701E-06	9.848E-06	1.319E-05	1.252E-04	5.412E-04	8.992E-04	1.232E-03	1.547E-03	1.846E-03	2.133E-03	2.406E-03
WSW	3.708E-06	5.432E-06	8.551E-06	1.250E-05	1.296E-04	5.851E-04	9.839E-04	1.354E-03	1.705E-03	2.038E-03	2.357E-03	2.661E-03
W	2.585E-05	2.869E-05	3.102E-05	3.671E-05	2.984E-04	1.138E-03	1.801E-03	2.421E-03	3.008E-03	3.566E-03	4.097E-03	4.604E-03
WNW	7.879E-05	7.204E-05	7.554E-05	8.950E-05	7.538E-04	2.979E-03	4.768E-03	6.419E-03	7.968E-03	9.426E-03	1.081E-02	1.212E-02
NW	1.236E-04	9.660E-05	9.867E-05	1.158E-04	9.685E-04	3.737E-03	5.845E-03	7.752E-03	9.524E-03	1.118E-02	1.274E-02	1.422E-02
NNW	1.498E-04	9.881E-05	8.474E-05	8.600E-05	5.902E-04	1.933E-03	2.833E-03	3.667E-03	4.451E-03	5.190E-03	5.889E-03	6.549E-03

TOTAL DOSE COMMITMENT IS 4.640E-01 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED
BY THE POPULATION OF THIS REGION. SEE SUMMARY
TABLE FOR THIS INFORMATION.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS VEG. ING EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	8.511E-03	4.460E-03	3.057E-03	2.470E-03	1.124E-02	2.253E-02	2.575E-02	3.045E-02	3.562E-02	4.086E-02	4.592E-02	5.079E-02
NNE	2.816E-02	1.824E-02	1.342E-02	1.095E-02	4.609E-02	6.662E-02	4.917E-02	4.244E-02	4.084E-02	4.195E-02	4.392E-02	4.651E-02
NE	2.584E-02	1.473E-02	1.063E-02	8.599E-03	3.575E-02	5.211E-02	4.067E-02	3.762E-02	3.838E-02	4.103E-02	4.421E-02	4.773E-02
ENE	5.207E-03	2.783E-03	1.972E-03	1.650E-03	8.031E-03	1.956E-02	2.662E-02	3.449E-02	4.247E-02	5.029E-02	5.788E-02	6.518E-02
E	4.474E-03	2.673E-03	1.980E-03	1.729E-03	8.850E-03	2.261E-02	3.153E-02	4.131E-02	5.123E-02	6.097E-02	7.043E-02	7.956E-02
ESE	5.137E-03	3.197E-03	2.358E-03	2.070E-03	1.058E-02	2.703E-02	3.786E-02	4.979E-02	6.195E-02	7.394E-02	8.563E-02	9.695E-02
SE	3.114E-03	2.774E-03	2.303E-03	2.134E-03	1.095E-02	2.476E-02	3.154E-02	3.998E-02	4.905E-02	5.823E-02	6.727E-02	7.611E-02
SSE	1.727E-03	1.157E-03	8.819E-04	7.989E-04	4.100E-03	1.086E-02	1.583E-02	2.121E-02	2.661E-02	3.188E-02	3.700E-02	4.195E-02
S	1.736E-03	1.526E-03	1.299E-03	1.244E-03	6.312E-03	1.336E-02	1.568E-02	1.895E-02	2.264E-02	2.649E-02	3.031E-02	3.407E-02
SSW	5.059E-04	3.321E-04	2.681E-04	2.663E-04	1.681E-03	5.676E-03	8.915E-03	1.209E-02	1.517E-02	1.812E-02	2.096E-02	2.369E-02
SW	9.044E-05	9.116E-05	1.153E-04	1.536E-04	1.451E-03	6.258E-03	1.039E-02	1.424E-02	1.788E-02	2.134E-02	2.464E-02	2.780E-02
WSW	4.421E-05	6.345E-05	9.921E-05	1.447E-04	1.498E-03	6.762E-03	1.137E-02	1.565E-02	1.970E-02	2.355E-02	2.723E-02	3.075E-02
W	3.131E-04	3.446E-04	3.690E-04	4.335E-04	3.489E-03	1.321E-02	2.084E-02	2.799E-02	3.478E-02	4.122E-02	4.736E-02	5.321E-02
WNW	9.550E-04	8.651E-04	8.970E-04	1.054E-03	8.793E-03	3.453E-02	5.516E-02	7.421E-02	9.210E-02	1.089E-01	1.249E-01	1.401E-01
NW	1.497E-03	1.159E-03	1.169E-03	1.361E-03	1.128E-02	4.330E-02	6.761E-02	8.962E-02	1.101E-01	1.292E-01	1.473E-01	1.643E-01
NNW	1.817E-03	1.192E-03	1.013E-03	1.020E-03	6.923E-03	2.246E-02	3.281E-02	4.242E-02	5.148E-02	6.001E-02	6.807E-02	7.570E-02

TOTAL DOSE COMMITMENT IS 5.401E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED
BY THE POPULATION OF THIS REGION. SEE SUMMARY
TABLE FOR THIS INFORMATION.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS MEAT ING EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	1.059E-04	5.562E-05	3.836E-05	3.127E-05	1.459E-04	3.066E-04	3.628E-04	4.356E-04	5.132E-04	5.907E-04	6.654E-04	7.370E-04
NNE	3.497E-04	2.266E-04	1.668E-04	1.363E-04	5.760E-04	8.451E-04	6.409E-04	5.687E-04	5.594E-04	5.832E-04	6.172E-04	6.583E-04
NE	3.204E-04	1.828E-04	1.321E-04	1.070E-04	4.476E-04	6.661E-04	5.375E-04	5.120E-04	5.332E-04	5.771E-04	6.272E-04	6.810E-04
ENE	6.435E-05	3.460E-05	2.477E-05	2.101E-05	1.060E-04	2.724E-04	3.810E-04	4.980E-04	6.156E-04	7.304E-04	8.415E-04	9.484E-04
E	5.551E-05	3.336E-05	2.498E-05	2.210E-05	1.172E-04	3.157E-04	4.519E-04	5.972E-04	7.432E-04	8.859E-04	1.024E-03	1.158E-03
ESE	6.372E-05	3.986E-05	2.969E-05	2.640E-05	1.396E-04	3.766E-04	5.420E-04	7.194E-04	8.985E-04	1.074E-03	1.246E-03	1.411E-03
SE	3.857E-05	3.453E-05	2.887E-05	2.698E-05	1.419E-04	3.378E-04	4.458E-04	5.735E-04	7.081E-04	8.433E-04	9.762E-04	1.106E-03
SSE	2.141E-05	1.445E-05	1.114E-05	1.024E-05	5.458E-05	1.526E-04	2.276E-04	3.071E-04	3.863E-04	4.635E-04	5.384E-04	6.107E-04
S	2.156E-05	1.902E-05	1.628E-05	1.570E-05	8.130E-05	1.801E-04	2.195E-04	2.701E-04	3.256E-04	3.826E-04	4.390E-04	4.943E-04
SSW	6.320E-06	4.210E-06	3.482E-06	3.537E-06	2.329E-05	8.148E-05	1.293E-04	1.759E-04	2.209E-04	2.640E-04	3.055E-04	3.453E-04
SW	1.162E-06	1.235E-06	1.616E-06	2.188E-06	2.098E-05	9.109E-05	1.515E-04	2.076E-04	2.607E-04	3.112E-04	3.594E-04	4.055E-04
WSW	5.850E-07	8.956E-07	1.430E-06	2.099E-06	2.182E-05	9.860E-05	1.658E-04	2.282E-04	2.873E-04	3.434E-04	3.972E-04	4.486E-04
W	3.935E-06	4.455E-06	4.923E-06	5.914E-06	4.910E-05	1.902E-04	3.026E-04	4.073E-04	5.065E-04	6.006E-04	6.902E-04	7.756E-04
WNW	1.198E-05	1.119E-05	1.203E-05	1.449E-05	1.246E-04	4.991E-04	8.018E-04	1.081E-03	1.342E-03	1.588E-03	1.821E-03	2.043E-03
NW	1.880E-05	1.505E-05	1.577E-05	1.883E-05	1.605E-04	6.265E-04	9.831E-04	1.305E-03	1.604E-03	1.884E-03	2.147E-03	2.396E-03
NNW	2.272E-05	1.521E-05	1.330E-05	1.372E-05	9.645E-05	3.220E-04	4.753E-04	6.165E-04	7.492E-04	8.739E-04	9.918E-04	1.103E-03

TOTAL DOSE COMMITMENT IS 7.703E-02 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED
BY THE POPULATION OF THIS REGION. SEE SUMMARY
TABLE FOR THIS INFORMATION.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS MEAT ING EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	1.302E-03	6.831E-04	4.699E-04	3.817E-04	1.763E-03	3.637E-03	4.246E-03	5.070E-03	5.957E-03	6.848E-03	7.707E-03	8.532E-03
NNE	4.302E-03	2.787E-03	2.051E-03	1.675E-03	7.066E-03	1.030E-02	7.730E-03	6.785E-03	6.619E-03	6.861E-03	7.232E-03	7.692E-03
NE	3.943E-03	2.248E-03	1.624E-03	1.315E-03	5.486E-03	8.097E-03	6.448E-03	6.072E-03	6.274E-03	6.759E-03	7.322E-03	7.934E-03
ENE	7.920E-04	4.250E-04	3.030E-04	2.557E-04	1.272E-03	3.202E-03	4.434E-03	5.776E-03	7.130E-03	8.453E-03	9.735E-03	1.097E-02
E	6.827E-04	4.094E-04	3.052E-04	2.686E-04	1.405E-03	3.708E-03	5.256E-03	6.924E-03	8.605E-03	1.025E-02	1.185E-02	1.339E-02
ESE	7.837E-04	4.894E-04	3.630E-04	3.212E-04	1.676E-03	4.427E-03	6.306E-03	8.342E-03	1.040E-02	1.243E-02	1.441E-02	1.632E-02
SE	4.745E-04	4.241E-04	3.536E-04	3.294E-04	1.715E-03	4.003E-03	5.212E-03	6.668E-03	8.213E-03	9.770E-03	1.130E-02	1.280E-02
SSE	2.633E-04	1.773E-04	1.361E-04	1.243E-04	6.528E-04	1.787E-03	2.644E-03	3.558E-03	4.472E-03	5.362E-03	6.227E-03	7.062E-03
S	2.651E-04	2.336E-04	1.994E-04	1.918E-04	9.852E-04	2.144E-03	2.575E-03	3.148E-03	3.782E-03	4.437E-03	5.086E-03	5.723E-03
SSW	7.758E-05	5.137E-05	4.207E-05	4.236E-05	2.744E-04	9.471E-04	1.497E-03	2.035E-03	2.554E-03	3.052E-03	3.531E-03	3.991E-03
SW	1.410E-05	1.467E-05	1.896E-05	2.551E-05	2.433E-04	1.053E-03	1.751E-03	2.399E-03	3.013E-03	3.596E-03	4.153E-03	4.685E-03
WSW	7.001E-06	1.047E-05	1.659E-05	2.430E-05	2.523E-04	1.139E-03	1.916E-03	2.637E-03	3.320E-03	3.969E-03	4.590E-03	5.183E-03
W	4.813E-05	5.390E-05	5.883E-05	7.007E-05	5.749E-04	2.209E-03	3.502E-03	4.711E-03	5.856E-03	6.942E-03	7.978E-03	8.964E-03
WNW	1.467E-04	1.354E-04	1.435E-04	1.713E-04	1.456E-03	5.787E-03	9.277E-03	1.249E-02	1.551E-02	1.835E-02	2.105E-02	2.361E-02
NW	2.303E-04	1.818E-04	1.877E-04	2.219E-04	1.872E-03	7.261E-03	1.137E-02	1.509E-02	1.854E-02	2.177E-02	2.482E-02	2.769E-02
NNW	2.788E-04	1.850E-04	1.600E-04	1.635E-04	1.134E-03	3.745E-03	5.506E-03	7.133E-03	8.664E-03	1.010E-02	1.146E-02	1.275E-02

TOTAL DOSE COMMITMENT IS 8.975E-01 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED
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TABLE FOR THIS INFORMATION.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS MILK ING EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	1.326E-05	6.920E-06	4.691E-06	3.730E-06	1.619E-05	2.925E-05	3.064E-05	3.475E-05	3.985E-05	4.524E-05	5.052E-05	5.564E-05
NNE	4.401E-05	2.852E-05	2.097E-05	1.707E-05	7.134E-05	1.003E-04	7.017E-05	5.709E-05	5.221E-05	5.170E-05	5.265E-05	5.466E-05
NE	4.059E-05	2.311E-05	1.664E-05	1.341E-05	5.514E-05	7.733E-05	5.639E-05	4.883E-05	4.740E-05	4.905E-05	5.166E-05	5.490E-05
ENE	8.263E-06	4.362E-06	3.030E-06	2.470E-06	1.118E-05	2.398E-05	3.036E-05	3.831E-05	4.666E-05	5.496E-05	6.303E-05	7.083E-05
E	7.022E-06	4.149E-06	3.014E-06	2.563E-06	1.221E-05	2.754E-05	3.581E-05	4.577E-05	5.617E-05	6.652E-05	7.661E-05	8.638E-05
ESE	8.068E-06	4.970E-06	3.600E-06	3.084E-06	1.470E-05	3.312E-05	4.313E-05	5.522E-05	6.795E-05	8.068E-05	9.314E-05	1.052E-04
SE	4.909E-06	4.328E-06	3.546E-06	3.232E-06	1.581E-05	3.196E-05	3.722E-05	4.530E-05	5.453E-05	6.414E-05	7.368E-05	8.306E-05
SSE	2.717E-06	1.796E-06	1.339E-06	1.179E-06	5.598E-06	1.301E-05	1.780E-05	2.338E-05	2.909E-05	3.472E-05	4.020E-05	4.549E-05
S	2.720E-06	2.375E-06	1.999E-06	1.891E-06	9.229E-06	1.774E-05	1.899E-05	2.184E-05	2.545E-05	2.939E-05	3.337E-05	3.733E-05
SSW	7.813E-07	4.994E-07	3.849E-07	3.649E-07	2.087E-06	6.415E-06	9.777E-06	1.315E-05	1.644E-05	1.962E-05	2.267E-05	2.560E-05
SW	1.326E-07	1.195E-07	1.389E-07	1.775E-07	1.606E-06	6.792E-06	1.123E-05	1.537E-05	1.930E-05	2.302E-05	2.659E-05	2.999E-05
WSW	6.165E-08	7.537E-08	1.111E-07	1.589E-07	1.623E-06	7.298E-06	1.227E-05	1.688E-05	2.125E-05	2.540E-05	2.937E-05	3.317E-05
W	4.810E-07	5.003E-07	5.014E-07	5.597E-07	4.165E-06	1.478E-05	2.281E-05	3.041E-05	3.767E-05	4.459E-05	5.119E-05	5.748E-05
WNW	1.467E-06	1.253E-06	1.204E-06	1.336E-06	1.030E-05	3.827E-05	6.011E-05	8.047E-05	9.967E-05	1.178E-04	1.350E-04	1.513E-04
NW	2.295E-06	1.665E-06	1.549E-06	1.699E-06	1.308E-05	4.784E-05	7.360E-05	9.712E-05	1.191E-04	1.397E-04	1.591E-04	1.775E-04
NNW	2.806E-06	1.772E-06	1.423E-06	1.359E-06	8.481E-06	2.548E-05	3.613E-05	4.624E-05	5.589E-05	6.502E-05	7.367E-05	8.186E-05

TOTAL DOSE COMMITMENT IS 6.218E-03 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
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TABLE FOR THIS INFORMATION.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS MILK ING EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	2.017E-04	1.050E-04	7.067E-05	5.567E-05	2.349E-04	3.960E-04	3.877E-04	4.240E-04	4.771E-04	5.364E-04	5.953E-04	6.531E-04
NNE	6.699E-04	4.339E-04	3.187E-04	2.591E-04	1.078E-03	1.492E-03	1.012E-03	7.922E-04	6.988E-04	6.729E-04	6.701E-04	6.843E-04
NE	6.175E-04	3.514E-04	2.528E-04	2.034E-04	8.312E-04	1.141E-03	7.981E-04	6.608E-04	6.179E-04	6.230E-04	6.434E-04	6.745E-04
ENE	1.255E-04	6.599E-05	4.543E-05	3.654E-05	1.585E-04	3.109E-04	3.702E-04	4.557E-04	5.491E-04	6.434E-04	7.355E-04	8.247E-04
E	1.067E-04	6.273E-05	4.509E-05	3.779E-05	1.723E-04	3.552E-04	4.350E-04	5.430E-04	6.598E-04	7.775E-04	8.928E-04	1.005E-03
ESE	1.226E-04	7.520E-05	5.395E-05	4.560E-05	2.083E-04	4.291E-04	5.253E-04	6.560E-04	7.984E-04	9.431E-04	1.085E-03	1.224E-03
SE	7.456E-05	6.554E-05	5.336E-05	4.822E-05	2.294E-04	4.307E-04	4.675E-04	5.489E-04	6.492E-04	7.568E-04	8.646E-04	9.713E-04
SSE	4.125E-05	2.712E-05	1.998E-05	1.734E-05	7.842E-05	1.655E-04	2.143E-04	2.760E-04	3.408E-04	4.051E-04	4.678E-04	5.286E-04
S	4.133E-05	3.597E-05	3.010E-05	2.827E-05	1.350E-04	2.439E-04	2.437E-04	2.689E-04	3.062E-04	3.494E-04	3.936E-04	4.382E-04
SSW	1.184E-05	7.450E-06	5.583E-06	5.136E-06	2.735E-05	7.757E-05	1.149E-04	1.532E-04	1.910E-04	2.275E-04	2.627E-04	2.965E-04
SW	1.950E-06	1.633E-06	1.778E-06	2.190E-06	1.904E-05	7.898E-05	1.301E-04	1.778E-04	2.231E-04	2.662E-04	3.074E-04	3.467E-04
WSW	8.626E-07	9.463E-07	1.328E-06	1.867E-06	1.883E-05	8.439E-05	1.418E-04	1.951E-04	2.456E-04	2.935E-04	3.394E-04	3.833E-04
W	7.206E-06	7.278E-06	6.999E-06	7.542E-06	5.283E-05	1.771E-04	2.674E-04	3.540E-04	4.373E-04	5.168E-04	5.929E-04	6.654E-04
WNW	2.208E-05	1.823E-05	1.670E-05	1.777E-05	1.285E-04	4.542E-04	7.019E-04	9.349E-04	1.156E-03	1.364E-03	1.563E-03	1.751E-03
NW	3.454E-05	2.412E-05	2.128E-05	2.234E-05	1.619E-04	5.663E-04	8.585E-04	1.128E-03	1.380E-03	1.617E-03	1.841E-03	2.053E-03
NNW	4.242E-05	2.621E-05	2.034E-05	1.875E-05	1.099E-04	3.092E-04	4.261E-04	5.402E-04	6.501E-04	7.549E-04	8.543E-04	9.486E-04

TOTAL DOSE COMMITMENT IS 7.645E-02 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
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BY THE POPULATION OF THIS REGION. SEE SUMMARY
TABLE FOR THIS INFORMATION.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

SUMMARY PRINT OF POPULATION DOSES COMPUTED FOR TSTEP 1--DOSES SHOWN ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DOSES RECEIVED BY PEOPLE WITHIN 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	7.952E-01	6.987E+00	4.529E-01	4.043E+00	1.967E+00	2.592E+02
GROUND	9.627E-02	9.627E-02	9.627E-02	9.627E-02	9.627E-02	9.627E-02
CLOUD	2.175E+00	2.175E+00	2.175E+00	2.175E+00	2.175E+00	2.175E+00
VEG. ING	4.640E-01	5.401E+00	4.640E-01	1.547E+00	1.263E+00	4.640E-01
MEAT ING	7.703E-02	8.975E-01	7.703E-02	2.601E-01	2.121E-01	7.703E-02
MILK ING	6.218E-03	7.645E-02	6.218E-03	1.936E-02	1.595E-02	6.218E-03
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	3.613E+00	1.563E+01	3.271E+00	8.141E+00	5.729E+00	2.620E+02

DOSES RECEIVED BY PEOPLE BEYOND 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
GROUND	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CLOUD	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	1.982E+01	2.658E+02	4.350E+00	1.982E+01	1.982E+01	1.257E+02
TOTALS	1.982E+01	2.658E+02	4.350E+00	1.982E+01	1.982E+01	1.257E+02

TOTAL DOSES COMPUTED OVER ALL POPULATIONS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	7.952E-01	6.987E+00	4.529E-01	4.043E+00	1.967E+00	2.592E+02
GROUND	9.627E-02	9.627E-02	9.627E-02	9.627E-02	9.627E-02	9.627E-02
CLOUD	2.175E+00	2.175E+00	2.175E+00	2.175E+00	2.175E+00	2.175E+00
VEG. ING	4.640E-01	5.401E+00	4.640E-01	1.547E+00	1.263E+00	4.640E-01
MEAT ING	7.703E-02	8.975E-01	7.703E-02	2.601E-01	2.121E-01	7.703E-02
MILK ING	6.218E-03	7.645E-02	6.218E-03	1.936E-02	1.595E-02	6.218E-03
RNPLUS50	1.982E+01	2.658E+02	4.350E+00	1.982E+01	1.982E+01	1.257E+02
TOTALS	2.343E+01	2.814E+02	7.621E+00	2.796E+01	2.554E+01	3.877E+02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
1	Naturita	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	Naturita	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	Naturita	3	3.957E-07	3.228E-06	3.228E-06	3.221E-06	3.718E-01	3.033E+00	3.030E+00	3.030E+00
1	Naturita	4	1.748E-07	7.576E-07	7.575E-07	7.558E-07	1.437E+00	6.227E+00	6.220E+00	6.220E+00
	CONCENTRATION TOTALS		5.705E-07	3.986E-06	3.986E-06	3.976E-06	1.808E+00	9.260E+00	9.251E+00	9.251E+00
2	Herron Residence	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	Herron Residence	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	Herron Residence	3	3.639E-07	3.096E-06	3.096E-06	3.089E-06	3.420E-01	2.909E+00	2.906E+00	2.906E+00
2	Herron Residence	4	3.354E-07	1.444E-06	1.444E-06	1.441E-06	2.757E+00	1.187E+01	1.186E+01	1.186E+01
	CONCENTRATION TOTALS		6.993E-07	4.541E-06	4.541E-06	4.530E-06	3.099E+00	1.478E+01	1.477E+01	1.477E+01
3	Boren Residence	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	Boren Residence	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	Boren Residence	3	2.590E-07	2.145E-06	2.145E-06	2.140E-06	2.433E-01	2.015E+00	2.013E+00	2.013E+00
3	Boren Residence	4	1.895E-07	7.919E-07	7.919E-07	7.901E-07	1.557E+00	6.510E+00	6.503E+00	6.503E+00
	CONCENTRATION TOTALS		4.484E-07	2.937E-06	2.937E-06	2.930E-06	1.801E+00	8.525E+00	8.516E+00	8.516E+00
4	Kinder Residence	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	Kinder Residence	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	Kinder Residence	3	2.587E-07	2.141E-06	2.141E-06	2.136E-06	2.431E-01	2.012E+00	2.010E+00	2.010E+00
4	Kinder Residence	4	1.887E-07	7.871E-07	7.871E-07	7.852E-07	1.551E+00	6.470E+00	6.463E+00	6.463E+00
	CONCENTRATION TOTALS		4.474E-07	2.928E-06	2.928E-06	2.921E-06	1.794E+00	8.481E+00	8.472E+00	8.472E+00
5	Davis/Fehlman Reside	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	Davis/Fehlman Reside	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	Davis/Fehlman Reside	3	1.405E-06	1.259E-05	1.259E-05	1.256E-05	1.320E+00	1.183E+01	1.181E+01	1.181E+01
5	Davis/Fehlman Reside	4	7.116E-07	6.249E-06	6.249E-06	6.234E-06	5.849E+00	5.136E+01	5.131E+01	5.131E+01
	CONCENTRATION TOTALS		2.117E-06	1.883E-05	1.883E-05	1.879E-05	7.170E+00	6.319E+01	6.312E+01	6.312E+01
6	Hurdle Residence	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	Hurdle Residence	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	Hurdle Residence	3	1.692E-06	1.196E-05	1.196E-05	1.194E-05	1.590E+00	1.124E+01	1.123E+01	1.123E+01
6	Hurdle Residence	4	8.323E-07	5.469E-06	5.468E-06	5.456E-06	6.841E+00	4.495E+01	4.490E+01	4.490E+01
	CONCENTRATION TOTALS		2.524E-06	1.743E-05	1.743E-05	1.739E-05	8.431E+00	5.619E+01	5.613E+01	5.613E+01
7	Hogan Structures	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	Hogan Structures	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	Hogan Structures	3	1.038E-07	5.440E-07	5.440E-07	5.427E-07	9.757E-02	5.112E-01	5.107E-01	5.107E-01
7	Hogan Structures	4	5.848E-08	2.987E-07	2.987E-07	2.980E-07	4.807E-01	2.455E+00	2.453E+00	2.453E+00
	CONCENTRATION TOTALS		1.623E-07	8.428E-07	8.427E-07	8.408E-07	5.783E-01	2.967E+00	2.964E+00	2.964E+00
8	Bed Rock	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	Bed Rock	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	Bed Rock	3	1.641E-06	1.285E-05	1.285E-05	1.282E-05	1.542E+00	1.207E+01	1.206E+01	1.206E+01
8	Bed Rock	4	1.191E-06	5.257E-06	5.257E-06	5.245E-06	9.788E+00	4.321E+01	4.317E+01	4.317E+01
	CONCENTRATION TOTALS		2.832E-06	1.811E-05	1.811E-05	1.806E-05	1.133E+01	5.528E+01	5.523E+01	5.523E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
9	Receptor 1	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	Receptor 1	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	Receptor 1	3	5.238E-06	1.235E-04	1.235E-04	1.232E-04	4.921E+00	1.160E+02	1.159E+02	1.159E+02
9	Receptor 1	4	4.648E-06	1.164E-04	1.164E-04	1.161E-04	3.821E+01	9.568E+02	9.558E+02	9.558E+02
	CONCENTRATION TOTALS		9.886E-06	2.399E-04	2.398E-04	2.393E-04	4.313E+01	1.073E+03	1.072E+03	1.072E+03
10	Receptor 2	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	Receptor 2	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	Receptor 2	3	7.573E-06	6.788E-05	6.788E-05	6.772E-05	7.116E+00	6.378E+01	6.371E+01	6.371E+01
10	Receptor 2	4	7.017E-06	6.022E-05	6.022E-05	6.008E-05	5.768E+01	4.950E+02	4.945E+02	4.945E+02
	CONCENTRATION TOTALS		1.459E-05	1.281E-04	1.281E-04	1.278E-04	6.480E+01	5.588E+02	5.582E+02	5.582E+02
11	Receptor 3	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	Receptor 3	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	Receptor 3	3	9.320E-07	2.158E-05	2.158E-05	2.153E-05	8.758E-01	2.028E+01	2.026E+01	2.026E+01
11	Receptor 3	4	6.974E-07	1.813E-05	1.813E-05	1.808E-05	5.733E+00	1.490E+02	1.488E+02	1.488E+02
	CONCENTRATION TOTALS		1.629E-06	3.971E-05	3.971E-05	3.961E-05	6.609E+00	1.693E+02	1.691E+02	1.691E+02
12	Receptor 4	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	Receptor 4	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	Receptor 4	3	6.788E-07	1.507E-05	1.507E-05	1.503E-05	6.379E-01	1.416E+01	1.414E+01	1.414E+01
12	Receptor 4	4	5.430E-07	1.187E-05	1.187E-05	1.185E-05	4.463E+00	9.761E+01	9.750E+01	9.750E+01
	CONCENTRATION TOTALS		1.222E-06	2.694E-05	2.694E-05	2.688E-05	5.101E+00	1.118E+02	1.116E+02	1.116E+02
13	Receptor 5	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	Receptor 5	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	Receptor 5	3	5.886E-07	2.217E-06	2.217E-06	2.212E-06	5.531E-01	2.083E+00	2.081E+00	2.081E+00
13	Receptor 5	4	4.757E-07	1.513E-06	1.513E-06	1.509E-06	3.910E+00	1.244E+01	1.242E+01	1.242E+01
	CONCENTRATION TOTALS		1.064E-06	3.730E-06	3.730E-06	3.721E-06	4.463E+00	1.452E+01	1.450E+01	1.450E+01
14	Receptor 6	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	Receptor 6	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	Receptor 6	3	2.388E-06	7.490E-06	7.490E-06	7.472E-06	2.243E+00	7.038E+00	7.031E+00	7.031E+00
14	Receptor 6	4	1.903E-06	6.089E-06	6.089E-06	6.075E-06	1.564E+01	5.005E+01	5.000E+01	5.000E+01
	CONCENTRATION TOTALS		4.290E-06	1.358E-05	1.358E-05	1.355E-05	1.788E+01	5.709E+01	5.703E+01	5.703E+01
15	Receptor 7	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	Receptor 7	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	Receptor 7	3	4.130E-06	5.422E-05	5.422E-05	5.409E-05	3.880E+00	5.095E+01	5.089E+01	5.089E+01
15	Receptor 7	4	6.478E-06	4.323E-05	4.323E-05	4.313E-05	5.325E+01	3.554E+02	3.550E+02	3.550E+02
	CONCENTRATION TOTALS		1.061E-05	9.745E-05	9.745E-05	9.722E-05	5.713E+01	4.063E+02	4.059E+02	4.059E+02
16	Receptor 8	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	Receptor 8	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	Receptor 8	3	1.975E-06	2.324E-05	2.324E-05	2.318E-05	1.856E+00	2.183E+01	2.181E+01	2.181E+01
16	Receptor 8	4	3.368E-06	1.853E-05	1.853E-05	1.849E-05	2.769E+01	1.523E+02	1.522E+02	1.522E+02
	CONCENTRATION TOTALS		5.343E-06	4.177E-05	4.177E-05	4.167E-05	2.954E+01	1.742E+02	1.740E+02	1.740E+02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
17	Receptor 9	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	Receptor 9	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	Receptor 9	3	7.336E-06	1.169E-04	1.169E-04	1.166E-04	6.893E+00	1.098E+02	1.097E+02	1.097E+02
17	Receptor 9	4	1.213E-05	1.008E-04	1.008E-04	1.005E-04	9.969E+01	8.283E+02	8.274E+02	8.274E+02
	CONCENTRATION TOTALS		1.946E-05	2.177E-04	2.177E-04	2.171E-04	1.066E+02	9.381E+02	9.371E+02	9.371E+02
18	Receptor 10	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	Receptor 10	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	Receptor 10	3	1.800E-05	2.710E-04	2.710E-04	2.703E-04	1.691E+01	2.546E+02	2.543E+02	2.543E+02
18	Receptor 10	4	3.284E-05	2.520E-04	2.520E-04	2.514E-04	2.700E+02	2.072E+03	2.069E+03	2.069E+03
	CONCENTRATION TOTALS		5.084E-05	5.230E-04	5.230E-04	5.217E-04	2.869E+02	2.326E+03	2.324E+03	2.324E+03
19	Receptor 11	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	Receptor 11	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	Receptor 11	3	2.999E-05	4.046E-04	4.046E-04	4.036E-04	2.818E+01	3.802E+02	3.798E+02	3.798E+02
19	Receptor 11	4	5.683E-05	3.915E-04	3.915E-04	3.905E-04	4.671E+02	3.218E+03	3.215E+03	3.215E+03
	CONCENTRATION TOTALS		8.681E-05	7.961E-04	7.960E-04	7.942E-04	4.953E+02	3.598E+03	3.594E+03	3.594E+03
20	Receptor 12	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	Receptor 12	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	Receptor 12	3	3.634E-05	4.640E-04	4.640E-04	4.629E-04	3.415E+01	4.360E+02	4.355E+02	4.355E+02
20	Receptor 12	4	6.817E-05	4.542E-04	4.542E-04	4.531E-04	5.604E+02	3.733E+03	3.729E+03	3.729E+03
	CONCENTRATION TOTALS		1.045E-04	9.182E-04	9.182E-04	9.160E-04	5.945E+02	4.169E+03	4.165E+03	4.165E+03
21	Receptor 13	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
21	Receptor 13	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
21	Receptor 13	3	9.955E-05	9.859E-04	9.859E-04	9.836E-04	9.354E+01	9.264E+02	9.254E+02	9.254E+02
21	Receptor 13	4	1.952E-04	1.089E-03	1.089E-03	1.087E-03	1.605E+03	8.954E+03	8.944E+03	8.944E+03
	CONCENTRATION TOTALS		2.948E-04	2.075E-03	2.075E-03	2.070E-03	1.698E+03	9.880E+03	9.870E+03	9.870E+03
22	Receptor 14	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
22	Receptor 14	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
22	Receptor 14	3	5.838E-05	4.362E-04	4.361E-04	4.351E-04	5.486E+01	4.098E+02	4.094E+02	4.094E+02
22	Receptor 14	4	5.366E-05	4.103E-04	4.103E-04	4.093E-04	4.411E+02	3.373E+03	3.369E+03	3.369E+03
	CONCENTRATION TOTALS		1.120E-04	8.465E-04	8.464E-04	8.444E-04	4.960E+02	3.783E+03	3.779E+03	3.779E+03
23	Receptor 15	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
23	Receptor 15	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
23	Receptor 15	3	4.541E-05	2.536E-04	2.536E-04	2.530E-04	4.267E+01	2.383E+02	2.381E+02	2.381E+02
23	Receptor 15	4	4.219E-05	2.209E-04	2.209E-04	2.204E-04	3.468E+02	1.816E+03	1.814E+03	1.814E+03
	CONCENTRATION TOTALS		8.760E-05	4.745E-04	4.745E-04	4.734E-04	3.895E+02	2.054E+03	2.052E+03	2.052E+03
24	Office Bldg	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
24	Office Bldg	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
24	Office Bldg	3	6.918E-05	8.691E-04	8.691E-04	8.670E-04	6.500E+01	8.166E+02	8.158E+02	8.158E+02
24	Office Bldg	4	1.306E-04	9.106E-04	9.105E-04	9.084E-04	1.073E+03	7.485E+03	7.477E+03	7.477E+03
	CONCENTRATION TOTALS		1.998E-04	1.780E-03	1.780E-03	1.775E-03	1.138E+03	8.301E+03	8.293E+03	8.293E+03

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
25	Telluride	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
25	Telluride	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
25	Telluride	3	3.735E-08	3.539E-07	3.539E-07	3.530E-07	3.510E-02	3.325E-01	3.322E-01	3.322E-01
25	Telluride	4	8.998E-11	9.832E-10	9.832E-10	9.809E-10	7.396E-04	8.082E-03	8.074E-03	8.074E-03
	CONCENTRATION TOTALS		3.744E-08	3.549E-07	3.548E-07	3.540E-07	3.584E-02	3.406E-01	3.402E-01	3.402E-01
26	Norwood	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
26	Norwood	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
26	Norwood	3	1.127E-07	1.023E-06	1.023E-06	1.021E-06	1.059E-01	9.612E-01	9.602E-01	9.602E-01
26	Norwood	4	4.100E-09	3.668E-08	3.668E-08	3.659E-08	3.370E-02	3.015E-01	3.012E-01	3.012E-01
	CONCENTRATION TOTALS		1.168E-07	1.060E-06	1.060E-06	1.057E-06	1.396E-01	1.263E+00	1.261E+00	1.261E+00
27	Montrose	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
27	Montrose	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
27	Montrose	3	3.416E-08	3.115E-07	3.115E-07	3.108E-07	3.210E-02	2.927E-01	2.924E-01	2.924E-01
27	Montrose	4	6.507E-11	5.683E-10	5.682E-10	5.669E-10	5.349E-04	4.671E-03	4.666E-03	4.666E-03
	CONCENTRATION TOTALS		3.422E-08	3.121E-07	3.121E-07	3.113E-07	3.263E-02	2.974E-01	2.971E-01	2.971E-01
28	Moab	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
28	Moab	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
28	Moab	3	1.691E-08	1.382E-07	1.382E-07	1.379E-07	1.589E-02	1.298E-01	1.297E-01	1.297E-01
28	Moab	4	1.198E-10	5.499E-10	5.499E-10	5.486E-10	9.845E-04	4.520E-03	4.515E-03	4.515E-03
	CONCENTRATION TOTALS		1.703E-08	1.387E-07	1.387E-07	1.384E-07	1.688E-02	1.344E-01	1.342E-01	1.342E-01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

INDIVIDUAL RECEPTOR RADON AND RADON DAUGHTER CONCENTRATIONS

	AIRBORNE CONCENTRATIONS, PCI/M3								GROUND CONCENTRATIONS, PCI/M2			
NO.	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	Bi-210	Po-210	WL	Po-218	Pb-214	Bi-214	Pb-210
1	7.599E+00	7.603E+00	7.455E+00	7.237E+00	1.361E-04	2.426E-06	1.117E-09	7.262E-05	6.022E+00	6.022E+00	6.022E+00	5.772E+01
2	5.398E+01	5.400E+01	4.986E+01	4.551E+01	2.621E-04	1.462E-06	2.130E-10	4.782E-04	4.277E+01	4.277E+01	4.277E+01	1.111E+02
3	3.336E+01	3.338E+01	3.190E+01	3.012E+01	2.752E-04	2.357E-06	5.176E-10	3.085E-04	2.644E+01	2.644E+01	2.644E+01	1.167E+02
4	3.318E+01	3.319E+01	3.172E+01	2.996E+01	2.746E-04	2.360E-06	5.199E-10	3.068E-04	2.629E+01	2.629E+01	2.629E+01	1.164E+02
5	2.587E+01	2.586E+01	2.267E+01	1.991E+01	9.524E-05	4.537E-07	5.711E-11	2.159E-04	2.048E+01	2.048E+01	2.048E+01	4.038E+01
6	1.644E+01	1.644E+01	1.484E+01	1.353E+01	8.025E-05	4.570E-07	6.782E-11	1.427E-04	1.302E+01	1.302E+01	1.302E+01	3.403E+01
7	1.766E+01	1.766E+01	1.536E+01	1.259E+01	3.616E-05	1.082E-07	8.830E-12	1.430E-04	1.399E+01	1.399E+01	1.399E+01	1.533E+01
8	7.347E+00	7.350E+00	6.879E+00	6.450E+00	8.170E-05	1.015E-06	3.328E-10	6.650E-05	5.822E+00	5.822E+00	5.822E+00	3.464E+01
9	2.129E+02	1.898E+02	4.610E+01	9.639E+00	2.996E-06	1.179E-09	1.392E-14	4.651E-04	1.503E+02	1.503E+02	1.503E+02	1.270E+00
10	8.935E+01	8.462E+01	3.266E+01	1.069E+01	5.577E-06	3.510E-09	6.423E-14	2.926E-04	6.703E+01	6.703E+01	6.703E+01	2.364E+00
11	6.992E+01	6.795E+01	2.988E+01	1.090E+01	6.525E-06	4.679E-09	9.728E-14	2.621E-04	5.382E+01	5.382E+01	5.382E+01	2.767E+00
12	1.318E+02	1.260E+02	4.077E+01	1.101E+01	4.624E-06	2.430E-09	3.804E-14	3.775E-04	9.978E+01	9.978E+01	9.978E+01	1.961E+00
13	9.345E+01	9.191E+01	3.906E+01	1.367E+01	7.916E-06	5.612E-09	1.172E-13	3.437E-04	7.280E+01	7.280E+01	7.280E+01	3.356E+00
14	1.630E+02	1.578E+02	5.657E+01	1.723E+01	8.602E-06	5.393E-09	1.008E-13	5.136E-04	1.250E+02	1.250E+02	1.250E+02	3.647E+00
15	8.777E+02	8.311E+02	2.962E+02	9.345E+01	4.924E-05	3.254E-08	6.426E-13	2.706E-03	6.582E+02	6.582E+02	6.582E+02	2.088E+01
16	3.172E+02	3.130E+02	1.736E+02	8.360E+01	7.571E-05	7.962E-08	2.385E-12	1.514E-03	2.479E+02	2.479E+02	2.479E+02	3.210E+01
17	1.866E+02	1.826E+02	9.257E+01	3.909E+01	2.838E-05	2.415E-08	5.884E-13	8.032E-04	1.446E+02	1.446E+02	1.446E+02	1.203E+01
18	1.406E+02	1.350E+02	6.683E+01	2.826E+01	2.066E-05	1.770E-08	4.340E-13	5.834E-04	1.070E+02	1.070E+02	1.070E+02	8.759E+00
19	1.317E+02	1.242E+02	5.817E+01	2.391E+01	1.697E-05	1.419E-08	3.411E-13	5.120E-04	9.834E+01	9.834E+01	9.834E+01	7.193E+00
20	1.278E+02	1.193E+02	5.450E+01	2.220E+01	1.568E-05	1.311E-08	3.155E-13	4.820E-04	9.449E+01	9.449E+01	9.449E+01	6.648E+00
21	3.741E+02	3.248E+02	8.752E+01	2.158E+01	8.562E-06	4.385E-09	6.809E-14	8.588E-04	2.573E+02	2.573E+02	2.573E+02	3.630E+00
22	6.135E+02	5.221E+02	1.184E+02	2.573E+01	9.220E-06	4.396E-09	6.435E-14	1.234E-03	4.135E+02	4.135E+02	4.135E+02	3.909E+00
23	2.688E+02	2.420E+02	7.553E+01	2.158E+01	1.006E-05	5.897E-09	1.030E-13	7.127E-04	1.917E+02	1.917E+02	1.917E+02	4.265E+00
24	2.311E+02	2.073E+02	7.020E+01	2.102E+01	1.007E-05	5.962E-09	1.045E-13	6.479E-04	1.642E+02	1.642E+02	1.642E+02	4.268E+00
25	1.271E+00	1.271E+00	1.277E+00	1.282E+00	1.368E-04	1.252E-05	3.093E-08	1.257E-05	1.007E+00	1.007E+00	1.007E+00	5.799E+01
26	2.807E+00	2.809E+00	2.816E+00	2.814E+00	1.415E-04	6.442E-06	7.572E-09	2.767E-05	2.225E+00	2.225E+00	2.225E+00	6.001E+01
27	9.520E-01	9.525E-01	9.569E-01	9.598E-01	9.667E-05	8.313E-06	1.888E-08	9.413E-06	7.545E-01	7.545E-01	7.545E-01	4.098E+01
28	2.333E+00	2.334E+00	2.345E+00	2.353E+00	2.148E-04	1.704E-05	3.612E-08	2.307E-05	1.848E+00	1.848E+00	1.848E+00	9.108E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 1 NAME=Naturita X= 17.3KM, Y= -4.5KM, Z= -45.0M, DIST= 17.9KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.22E-02	5.02E-02	4.06E-02	1.66E-02	1.31E-02	3.47E-05
CHILD	TOTALS	6.90E-03	5.65E-02	2.29E-02	1.11E-02	8.28E-03	3.47E-05
TEENAGE	TOTALS	6.34E-03	7.67E-02	1.72E-02	1.08E-02	8.87E-03	3.47E-05
ADULT	TOTALS	7.21E-03	8.68E-02	1.89E-02	1.35E-02	1.11E-02	3.47E-05

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	6.88E-01	2.06E-01	1.30E-01	4.80E-01	2.44E-01	9.58E+00
CHILD	TOTALS	6.77E-01	2.61E-01	1.28E-01	2.83E-01	1.77E-01	9.58E+00
TEENAGE	TOTALS	6.80E-01	4.06E-01	1.34E-01	1.99E-01	1.53E-01	9.58E+00
ADULT	TOTALS	6.83E-01	4.08E-01	1.49E-01	2.03E-01	1.61E-01	9.58E+00

NUMBER 2 NAME=Herron Residence X= -5.1KM, Y= 4.7KM, Z= -45.0M, DIST= 6.9KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.27E-02	5.38E-02	3.87E-02	1.88E-02	1.47E-02	5.61E-05
CHILD	TOTALS	8.11E-03	7.16E-02	2.50E-02	1.48E-02	1.13E-02	5.61E-05
TEENAGE	TOTALS	8.20E-03	1.01E-01	2.15E-02	1.59E-02	1.32E-02	5.61E-05
ADULT	TOTALS	9.77E-03	1.19E-01	2.53E-02	2.06E-02	1.70E-02	5.61E-05

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	4.62E+00	7.10E-01	5.67E-01	1.27E+00	8.15E-01	6.80E+01
CHILD	TOTALS	4.61E+00	8.22E-01	5.84E-01	8.94E-01	6.92E-01	6.80E+01
TEENAGE	TOTALS	4.61E+00	1.09E+00	6.02E-01	7.34E-01	6.47E-01	6.80E+01
ADULT	TOTALS	4.62E+00	1.09E+00	6.33E-01	7.42E-01	6.61E-01	6.80E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 3 NAME=Boren Residence X= -7.6KM, Y= 6.1KM, Z= -45.0M, DIST= 9.7KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	8.50E-03	3.57E-02	2.69E-02	1.22E-02	9.57E-03	3.24E-05
CHILD	TOTALS	5.19E-03	4.46E-02	1.64E-02	9.06E-03	6.83E-03	3.24E-05
TEENAGE	TOTALS	5.07E-03	6.19E-02	1.35E-02	9.40E-03	7.77E-03	3.24E-05
ADULT	TOTALS	5.94E-03	7.22E-02	1.55E-02	1.20E-02	9.93E-03	3.24E-05

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	2.90E+00	5.23E-01	3.80E-01	1.12E+00	6.48E-01	4.20E+01
CHILD	TOTALS	2.88E+00	6.31E-01	4.02E-01	7.30E-01	5.19E-01	4.20E+01
TEENAGE	TOTALS	2.89E+00	9.01E-01	4.21E-01	5.61E-01	4.71E-01	4.20E+01
ADULT	TOTALS	2.89E+00	8.93E-01	4.51E-01	5.68E-01	4.85E-01	4.20E+01

NUMBER 4 NAME=Kinder Residence X= -7.6KM, Y= 6.1KM, Z= -45.0M, DIST= 9.8KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	8.48E-03	3.56E-02	2.69E-02	1.21E-02	9.55E-03	3.22E-05
CHILD	TOTALS	5.17E-03	4.44E-02	1.64E-02	9.03E-03	6.81E-03	3.22E-05
TEENAGE	TOTALS	5.05E-03	6.17E-02	1.34E-02	9.36E-03	7.73E-03	3.22E-05
ADULT	TOTALS	5.92E-03	7.19E-02	1.54E-02	1.20E-02	9.88E-03	3.22E-05

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	2.88E+00	5.21E-01	3.78E-01	1.12E+00	6.45E-01	4.18E+01
CHILD	TOTALS	2.87E+00	6.28E-01	4.00E-01	7.28E-01	5.17E-01	4.18E+01
TEENAGE	TOTALS	2.87E+00	8.98E-01	4.19E-01	5.59E-01	4.69E-01	4.18E+01
ADULT	TOTALS	2.88E+00	8.90E-01	4.49E-01	5.66E-01	4.82E-01	4.18E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 5 NAME=Davis/Fehlman Reside X= 5.3KM, Y= -2.7KM, Z= 32.0M, DIST= 5.9KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	5.18E-02	2.22E-01	1.56E-01	7.77E-02	6.10E-02	2.21E-04
CHILD	TOTALS	3.36E-02	2.99E-01	1.03E-01	6.24E-02	4.71E-02	2.21E-04
TEENAGE	TOTALS	3.43E-02	4.23E-01	8.99E-02	6.75E-02	5.52E-02	2.21E-04
ADULT	TOTALS	4.10E-02	5.02E-01	1.07E-01	8.76E-02	7.15E-02	2.21E-04

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	2.25E+00	5.10E-01	3.98E-01	5.81E-01	4.02E-01	3.26E+01
CHILD	TOTALS	2.22E+00	6.22E-01	3.56E-01	4.32E-01	3.44E-01	3.26E+01
TEENAGE	TOTALS	2.23E+00	8.33E-01	3.51E-01	3.78E-01	3.35E-01	3.26E+01
ADULT	TOTALS	2.23E+00	9.05E-01	3.77E-01	4.00E-01	3.55E-01	3.26E+01

NUMBER 6 NAME=Hurdle Residence X= 6.4KM, Y= 3.2KM, Z= 56.0M, DIST= 7.1KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	4.95E-02	2.07E-01	1.54E-01	7.20E-02	5.66E-02	2.03E-04
CHILD	TOTALS	3.14E-02	2.74E-01	9.81E-02	5.66E-02	4.27E-02	2.03E-04
TEENAGE	TOTALS	3.14E-02	3.84E-01	8.35E-02	6.06E-02	4.97E-02	2.03E-04
ADULT	TOTALS	3.74E-02	4.54E-01	9.77E-02	7.82E-02	6.42E-02	2.03E-04

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.46E+00	4.13E-01	3.21E-01	4.59E-01	3.06E-01	2.07E+01
CHILD	TOTALS	1.44E+00	5.08E-01	2.74E-01	3.31E-01	2.56E-01	2.07E+01
TEENAGE	TOTALS	1.44E+00	6.93E-01	2.66E-01	2.85E-01	2.48E-01	2.07E+01
ADULT	TOTALS	1.45E+00	7.57E-01	2.88E-01	3.04E-01	2.66E-01	2.07E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 7 NAME=Hogan Structures X= -3.7KM, Y= -1.0KM, Z= 100.0M, DIST= 3.8KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	2.38E-03	9.82E-03	7.44E-03	3.47E-03	2.73E-03	1.11E-05
CHILD	TOTALS	1.56E-03	1.37E-02	4.88E-03	2.87E-03	2.18E-03	1.11E-05
TEENAGE	TOTALS	1.60E-03	1.94E-02	4.26E-03	3.14E-03	2.60E-03	1.11E-05
ADULT	TOTALS	1.91E-03	2.32E-02	5.04E-03	4.09E-03	3.38E-03	1.11E-05

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.48E+00	1.74E-01	1.54E-01	2.49E-01	1.87E-01	2.22E+01
CHILD	TOTALS	1.48E+00	1.91E-01	1.56E-01	1.98E-01	1.70E-01	2.22E+01
TEENAGE	TOTALS	1.48E+00	2.30E-01	1.58E-01	1.76E-01	1.64E-01	2.22E+01
ADULT	TOTALS	1.48E+00	2.31E-01	1.63E-01	1.77E-01	1.66E-01	2.22E+01

NUMBER 8 NAME=Bed Rock X= 10.9KM, Y= 7.3KM, Z= -45.0M, DIST= 13.1KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	5.18E-02	2.18E-01	1.63E-01	7.49E-02	5.89E-02	2.09E-04
CHILD	TOTALS	3.23E-02	2.79E-01	1.01E-01	5.73E-02	4.33E-02	2.09E-04
TEENAGE	TOTALS	3.19E-02	3.90E-01	8.47E-02	6.03E-02	4.98E-02	2.09E-04
ADULT	TOTALS	3.77E-02	4.58E-01	9.82E-02	7.75E-02	6.40E-02	2.09E-04

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	6.99E-01	3.44E-01	2.49E-01	3.86E-01	2.30E-01	9.27E+00
CHILD	TOTALS	6.76E-01	4.35E-01	1.97E-01	2.53E-01	1.77E-01	9.27E+00
TEENAGE	TOTALS	6.78E-01	6.21E-01	1.87E-01	2.06E-01	1.69E-01	9.27E+00
ADULT	TOTALS	6.85E-01	6.83E-01	2.09E-01	2.24E-01	1.87E-01	9.27E+00

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 9 NAME=Receptor 1 X= 0.0KM, Y= -0.3KM, Z= -1.0M, DIST= 0.3KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	5.66E-01	2.61E+00	1.40E+00	9.81E-01	7.66E-01	3.52E-03
CHILD	TOTALS	4.34E-01	4.25E+00	1.18E+00	9.31E-01	7.07E-01	3.52E-03
TEENAGE	TOTALS	4.92E-01	6.21E+00	1.24E+00	1.09E+00	8.84E-01	3.52E-03
ADULT	TOTALS	6.15E-01	7.64E+00	1.57E+00	1.44E+00	1.17E+00	3.52E-03

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.69E+01	2.99E+00	1.78E+00	1.36E+00	1.14E+00	2.66E+02
CHILD	TOTALS	1.68E+01	4.63E+00	1.55E+00	1.31E+00	1.08E+00	2.66E+02
TEENAGE	TOTALS	1.68E+01	6.59E+00	1.61E+00	1.47E+00	1.26E+00	2.66E+02
ADULT	TOTALS	1.70E+01	8.02E+00	1.95E+00	1.82E+00	1.55E+00	2.66E+02

NUMBER 10 NAME=Receptor 2 X= 0.0KM, Y= -0.7KM, Z= 17.0M, DIST= 0.7KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	3.17E-01	1.41E+00	8.45E-01	5.25E-01	4.10E-01	1.96E-03
CHILD	TOTALS	2.37E-01	2.25E+00	6.67E-01	4.90E-01	3.75E-01	1.96E-03
TEENAGE	TOTALS	2.63E-01	3.28E+00	6.72E-01	5.69E-01	4.67E-01	1.96E-03
ADULT	TOTALS	3.26E-01	4.03E+00	8.42E-01	7.53E-01	6.17E-01	1.96E-03

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	7.28E+00	1.67E+00	1.10E+00	8.00E-01	6.76E-01	1.12E+02
CHILD	TOTALS	7.20E+00	2.52E+00	9.27E-01	7.57E-01	6.37E-01	1.12E+02
TEENAGE	TOTALS	7.22E+00	3.55E+00	9.33E-01	8.33E-01	7.29E-01	1.12E+02
ADULT	TOTALS	7.29E+00	4.30E+00	1.10E+00	1.02E+00	8.79E-01	1.12E+02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 11 NAME=Receptor 3 X= -0.4KM, Y= -0.7KM, Z= 86.0M, DIST= 0.8KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	9.58E-02	4.39E-01	2.45E-01	1.63E-01	1.27E-01	5.54E-04
CHILD	TOTALS	7.13E-02	6.90E-01	1.96E-01	1.50E-01	1.14E-01	5.54E-04
TEENAGE	TOTALS	7.94E-02	1.00E+00	2.01E-01	1.73E-01	1.41E-01	5.54E-04
ADULT	TOTALS	9.87E-02	1.22E+00	2.52E-01	2.29E-01	1.85E-01	5.54E-04

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	5.53E+00	6.28E-01	4.31E-01	3.66E-01	3.20E-01	8.76E+01
CHILD	TOTALS	5.50E+00	8.82E-01	3.83E-01	3.44E-01	3.03E-01	8.76E+01
TEENAGE	TOTALS	5.51E+00	1.20E+00	3.88E-01	3.64E-01	3.29E-01	8.76E+01
ADULT	TOTALS	5.53E+00	1.42E+00	4.40E-01	4.19E-01	3.74E-01	8.76E+01

NUMBER 12 NAME=Receptor 4 X= -0.4KM, Y= -0.3KM, Z= 36.0M, DIST= 0.5KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	6.59E-02	3.00E-01	1.71E-01	1.11E-01	8.64E-02	3.68E-04
CHILD	TOTALS	4.82E-02	4.63E-01	1.34E-01	1.00E-01	7.58E-02	3.68E-04
TEENAGE	TOTALS	5.32E-02	6.70E-01	1.35E-01	1.15E-01	9.33E-02	3.68E-04
ADULT	TOTALS	6.58E-02	8.17E-01	1.69E-01	1.51E-01	1.23E-01	3.68E-04

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.02E+01	5.02E-01	3.71E-01	3.23E-01	2.91E-01	1.65E+02
CHILD	TOTALS	1.01E+01	6.67E-01	3.34E-01	3.06E-01	2.78E-01	1.65E+02
TEENAGE	TOTALS	1.01E+01	8.78E-01	3.35E-01	3.18E-01	2.95E-01	1.65E+02
ADULT	TOTALS	1.02E+01	1.02E+00	3.70E-01	3.55E-01	3.25E-01	1.65E+02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 13 NAME=Receptor 5 X= -0.8KM, Y= -0.4KM, Z= 100.0M, DIST= 0.9KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.05E-02	4.24E-02	3.30E-02	1.53E-02	1.21E-02	5.95E-05
CHILD	TOTALS	7.21E-03	6.31E-02	2.24E-02	1.34E-02	1.04E-02	5.95E-05
TEENAGE	TOTALS	7.51E-03	9.08E-02	2.01E-02	1.51E-02	1.27E-02	5.95E-05
ADULT	TOTALS	9.11E-03	1.10E-01	2.41E-02	1.98E-02	1.66E-02	5.95E-05

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	7.22E+00	2.47E-01	2.34E-01	2.38E-01	2.21E-01	1.17E+02
CHILD	TOTALS	7.22E+00	2.71E-01	2.24E-01	2.25E-01	2.16E-01	1.17E+02
TEENAGE	TOTALS	7.22E+00	3.06E-01	2.23E-01	2.22E-01	2.17E-01	1.17E+02
ADULT	TOTALS	7.22E+00	3.24E-01	2.27E-01	2.27E-01	2.21E-01	1.17E+02

NUMBER 14 NAME=Receptor 6 X= -0.8KM, Y= 0.0KM, Z= 13.0M, DIST= 0.8KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	3.79E-02	1.51E-01	1.18E-01	5.57E-02	4.38E-02	2.35E-04
CHILD	TOTALS	2.69E-02	2.37E-01	8.31E-02	5.09E-02	3.96E-02	2.35E-04
TEENAGE	TOTALS	2.85E-02	3.44E-01	7.64E-02	5.86E-02	4.92E-02	2.35E-04
ADULT	TOTALS	3.49E-02	4.21E-01	9.25E-02	7.72E-02	6.50E-02	2.35E-04

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.25E+01	4.31E-01	3.94E-01	3.56E-01	3.29E-01	2.04E+02
CHILD	TOTALS	1.25E+01	5.21E-01	3.60E-01	3.39E-01	3.21E-01	2.04E+02
TEENAGE	TOTALS	1.25E+01	6.36E-01	3.54E-01	3.41E-01	3.29E-01	2.04E+02
ADULT	TOTALS	1.25E+01	7.12E-01	3.71E-01	3.60E-01	3.45E-01	2.04E+02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 15 NAME=Receptor 7 X= -0.8KM, Y= 0.8KM, Z= -34.0M, DIST= 1.2KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	2.42E-01	1.08E+00	6.44E-01	4.00E-01	3.13E-01	1.46E-03
CHILD	TOTALS	1.77E-01	1.69E+00	4.97E-01	3.63E-01	2.78E-01	1.46E-03
TEENAGE	TOTALS	1.95E-01	2.44E+00	4.95E-01	4.17E-01	3.43E-01	1.46E-03
ADULT	TOTALS	2.41E-01	2.98E+00	6.17E-01	5.50E-01	4.52E-01	1.46E-03

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	6.76E+01	2.61E+00	2.14E+00	2.03E+00	1.86E+00	1.10E+03
CHILD	TOTALS	6.75E+01	3.22E+00	2.00E+00	1.93E+00	1.80E+00	1.10E+03
TEENAGE	TOTALS	6.75E+01	4.02E+00	2.00E+00	1.95E+00	1.86E+00	1.10E+03
ADULT	TOTALS	6.76E+01	4.56E+00	2.13E+00	2.08E+00	1.97E+00	1.10E+03

NUMBER 16 NAME=Receptor 8 X= -0.8KM, Y= 1.7KM, Z= -45.0M, DIST= 1.9KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.04E-01	4.65E-01	2.79E-01	1.71E-01	1.34E-01	6.40E-04
CHILD	TOTALS	7.61E-02	7.23E-01	2.15E-01	1.56E-01	1.19E-01	6.40E-04
TEENAGE	TOTALS	8.37E-02	1.05E+00	2.13E-01	1.79E-01	1.48E-01	6.40E-04
ADULT	TOTALS	1.03E-01	1.28E+00	2.65E-01	2.36E-01	1.94E-01	6.40E-04

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	2.50E+01	1.62E+00	1.40E+00	1.50E+00	1.33E+00	3.98E+02
CHILD	TOTALS	2.50E+01	1.91E+00	1.34E+00	1.38E+00	1.28E+00	3.98E+02
TEENAGE	TOTALS	2.50E+01	2.30E+00	1.35E+00	1.35E+00	1.30E+00	3.98E+02
ADULT	TOTALS	2.50E+01	2.53E+00	1.41E+00	1.41E+00	1.35E+00	3.98E+02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 17 NAME=Receptor 9 X= 0.0KM, Y= 1.7KM, Z= -41.0M, DIST= 1.7KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	5.28E-01	2.40E+00	1.36E+00	8.92E-01	6.97E-01	3.29E-03
CHILD	TOTALS	3.95E-01	3.81E+00	1.09E+00	8.27E-01	6.31E-01	3.29E-03
TEENAGE	TOTALS	4.41E-01	5.54E+00	1.11E+00	9.57E-01	7.85E-01	3.29E-03
ADULT	TOTALS	5.48E-01	6.79E+00	1.40E+00	1.27E+00	1.04E+00	3.29E-03

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.52E+01	3.11E+00	2.06E+00	1.67E+00	1.42E+00	2.34E+02
CHILD	TOTALS	1.51E+01	4.53E+00	1.79E+00	1.56E+00	1.34E+00	2.34E+02
TEENAGE	TOTALS	1.51E+01	6.29E+00	1.82E+00	1.67E+00	1.49E+00	2.34E+02
ADULT	TOTALS	1.52E+01	7.53E+00	2.11E+00	1.98E+00	1.75E+00	2.34E+02

NUMBER 18 NAME=Receptor 10 X= 0.4KM, Y= 1.7KM, Z= -45.0M, DIST= 1.7KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.25E+00	5.70E+00	3.18E+00	2.14E+00	1.67E+00	8.22E-03
CHILD	TOTALS	9.56E-01	9.28E+00	2.62E+00	2.02E+00	1.55E+00	8.22E-03
TEENAGE	TOTALS	1.08E+00	1.35E+01	2.72E+00	2.36E+00	1.94E+00	8.22E-03
ADULT	TOTALS	1.34E+00	1.67E+01	3.44E+00	3.13E+00	2.57E+00	8.22E-03

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.26E+01	6.51E+00	3.98E+00	3.00E+00	2.49E+00	1.77E+02
CHILD	TOTALS	1.23E+01	1.01E+01	3.42E+00	2.85E+00	2.36E+00	1.77E+02
TEENAGE	TOTALS	1.24E+01	1.44E+01	3.52E+00	3.18E+00	2.75E+00	1.77E+02
ADULT	TOTALS	1.27E+01	1.75E+01	4.24E+00	3.94E+00	3.38E+00	1.77E+02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 19 NAME=Receptor 11 X= 0.6KM, Y= 1.6KM, Z= -45.0M, DIST= 1.7KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.90E+00	8.64E+00	4.80E+00	3.26E+00	2.55E+00	1.29E-02
CHILD	TOTALS	1.46E+00	1.42E+01	4.00E+00	3.11E+00	2.39E+00	1.29E-02
TEENAGE	TOTALS	1.66E+00	2.08E+01	4.18E+00	3.64E+00	3.00E+00	1.29E-02
ADULT	TOTALS	2.07E+00	2.57E+01	5.30E+00	4.83E+00	3.97E+00	1.29E-02

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.28E+01	9.61E+00	5.77E+00	4.27E+00	3.53E+00	1.66E+02
CHILD	TOTALS	1.23E+01	1.52E+01	4.97E+00	4.10E+00	3.37E+00	1.66E+02
TEENAGE	TOTALS	1.25E+01	2.18E+01	5.15E+00	4.63E+00	3.98E+00	1.66E+02
ADULT	TOTALS	1.29E+01	2.67E+01	6.27E+00	5.82E+00	4.95E+00	1.66E+02

NUMBER 20 NAME=Receptor 12 X= 0.8KM, Y= 1.5KM, Z= -43.0M, DIST= 1.7KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	2.19E+00	9.95E+00	5.53E+00	3.76E+00	2.94E+00	1.50E-02
CHILD	TOTALS	1.69E+00	1.65E+01	4.63E+00	3.60E+00	2.76E+00	1.50E-02
TEENAGE	TOTALS	1.92E+00	2.41E+01	4.83E+00	4.22E+00	3.48E+00	1.50E-02
ADULT	TOTALS	2.40E+00	2.97E+01	6.13E+00	5.60E+00	4.61E+00	1.50E-02

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.28E+01	1.10E+01	6.58E+00	4.85E+00	4.00E+00	1.61E+02
CHILD	TOTALS	1.23E+01	1.75E+01	5.68E+00	4.67E+00	3.82E+00	1.61E+02
TEENAGE	TOTALS	1.26E+01	2.51E+01	5.89E+00	5.28E+00	4.53E+00	1.61E+02
ADULT	TOTALS	1.30E+01	3.08E+01	7.19E+00	6.66E+00	5.66E+00	1.61E+02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 21 NAME=Receptor 13 X= 0.8KM, Y= 0.8KM, Z= -32.0M, DIST= 1.1KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	4.89E+00	2.21E+01	1.21E+01	8.48E+00	6.62E+00	3.64E-02
CHILD	TOTALS	3.88E+00	3.80E+01	1.05E+01	8.37E+00	6.45E+00	3.64E-02
TEENAGE	TOTALS	4.45E+00	5.59E+01	1.12E+01	9.93E+00	8.21E+00	3.64E-02
ADULT	TOTALS	5.60E+00	6.94E+01	1.44E+01	1.32E+01	1.09E+01	3.64E-02

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	3.51E+01	2.43E+01	1.43E+01	1.06E+01	8.77E+00	4.70E+02
CHILD	TOTALS	3.41E+01	4.02E+01	1.27E+01	1.05E+01	8.60E+00	4.70E+02
TEENAGE	TOTALS	3.47E+01	5.81E+01	1.34E+01	1.21E+01	1.04E+01	4.70E+02
ADULT	TOTALS	3.58E+01	7.15E+01	1.65E+01	1.54E+01	1.31E+01	4.70E+02

NUMBER 22 NAME=Receptor 14 X= 0.8KM, Y= 0.0KM, Z= -15.0M, DIST= 0.8KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	2.09E+00	9.22E+00	5.59E+00	3.46E+00	2.71E+00	1.35E-02
CHILD	TOTALS	1.58E+00	1.51E+01	4.46E+00	3.29E+00	2.52E+00	1.35E-02
TEENAGE	TOTALS	1.76E+00	2.20E+01	4.52E+00	3.84E+00	3.16E+00	1.35E-02
ADULT	TOTALS	2.20E+00	2.71E+01	5.68E+00	5.09E+00	4.18E+00	1.35E-02

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	4.93E+01	1.04E+01	6.75E+00	4.65E+00	3.88E+00	7.68E+02
CHILD	TOTALS	4.88E+01	1.62E+01	5.62E+00	4.46E+00	3.68E+00	7.68E+02
TEENAGE	TOTALS	4.89E+01	2.32E+01	5.68E+00	5.01E+00	4.32E+00	7.68E+02
ADULT	TOTALS	4.94E+01	2.82E+01	6.84E+00	6.25E+00	5.34E+00	7.68E+02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 23 NAME=Receptor 15 X= 0.8KM, Y= -0.3KM, Z= -6.0M, DIST= 0.9KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.22E+00	5.22E+00	3.43E+00	1.94E+00	1.52E+00	7.67E-03
CHILD	TOTALS	8.97E-01	8.35E+00	2.61E+00	1.81E+00	1.39E+00	7.67E-03
TEENAGE	TOTALS	9.83E-01	1.21E+01	2.55E+00	2.10E+00	1.74E+00	7.67E-03
ADULT	TOTALS	1.22E+00	1.49E+01	3.16E+00	2.77E+00	2.29E+00	7.67E-03

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	2.21E+01	5.94E+00	4.14E+00	2.69E+00	2.25E+00	3.37E+02
CHILD	TOTALS	2.18E+01	9.07E+00	3.32E+00	2.53E+00	2.11E+00	3.37E+02
TEENAGE	TOTALS	2.19E+01	1.29E+01	3.26E+00	2.82E+00	2.45E+00	3.37E+02
ADULT	TOTALS	2.21E+01	1.56E+01	3.88E+00	3.49E+00	3.01E+00	3.37E+02

NUMBER 24 NAME=Office Bldg X= 0.7KM, Y= 1.1KM, Z= -36.0M, DIST= 1.3KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	4.19E+00	1.91E+01	1.04E+01	7.27E+00	5.68E+00	2.97E-02
CHILD	TOTALS	3.29E+00	3.23E+01	8.93E+00	7.09E+00	5.44E+00	2.97E-02
TEENAGE	TOTALS	3.76E+00	4.73E+01	9.48E+00	8.37E+00	6.89E+00	2.97E-02
ADULT	TOTALS	4.72E+00	5.86E+01	1.21E+01	1.11E+01	9.15E+00	2.97E-02

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	2.33E+01	2.09E+01	1.22E+01	9.11E+00	7.50E+00	2.91E+02
CHILD	TOTALS	2.24E+01	3.41E+01	1.07E+01	8.91E+00	7.26E+00	2.91E+02
TEENAGE	TOTALS	2.29E+01	4.92E+01	1.13E+01	1.02E+01	8.70E+00	2.91E+02
ADULT	TOTALS	2.39E+01	6.04E+01	1.39E+01	1.29E+01	1.10E+01	2.91E+02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 25 NAME=Telluride X= 78.4KM, Y= -33.6KM, Z= 100.0M, DIST= 85.3KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.21E-03	4.86E-03	4.34E-03	1.49E-03	1.18E-03	1.18E-06
CHILD	TOTALS	5.77E-04	4.20E-03	2.11E-03	7.44E-04	5.28E-04	1.18E-06
TEENAGE	TOTALS	4.49E-04	5.28E-03	1.28E-03	5.48E-04	4.40E-04	1.18E-06
ADULT	TOTALS	4.59E-04	5.39E-03	1.23E-03	6.12E-04	4.85E-04	1.18E-06

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.35E-01	9.30E-02	2.73E-02	3.99E-01	1.65E-01	1.60E+00
CHILD	TOTALS	1.28E-01	1.42E-01	4.04E-02	2.05E-01	1.01E-01	1.60E+00
TEENAGE	TOTALS	1.32E-01	2.68E-01	5.03E-02	1.21E-01	7.67E-02	1.60E+00
ADULT	TOTALS	1.34E-01	2.59E-01	6.41E-02	1.23E-01	8.25E-02	1.60E+00

NUMBER 26 NAME=Norwood X= 40.9KM, Y= -13.2KM, Z= 100.0M, DIST= 43.0KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	3.54E-03	1.43E-02	1.26E-02	4.44E-03	3.52E-03	4.41E-06
CHILD	TOTALS	1.74E-03	1.30E-02	6.29E-03	2.35E-03	1.68E-03	4.41E-06
TEENAGE	TOTALS	1.40E-03	1.65E-02	3.97E-03	1.85E-03	1.49E-03	4.41E-06
ADULT	TOTALS	1.46E-03	1.73E-02	3.91E-03	2.13E-03	1.70E-03	4.41E-06

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	2.70E-01	1.22E-01	5.21E-02	4.32E-01	1.89E-01	3.54E+00
CHILD	TOTALS	2.62E-01	1.72E-01	6.22E-02	2.31E-01	1.23E-01	3.54E+00
TEENAGE	TOTALS	2.66E-01	3.05E-01	7.12E-02	1.43E-01	9.71E-02	3.54E+00
ADULT	TOTALS	2.68E-01	2.97E-01	8.55E-02	1.45E-01	1.03E-01	3.54E+00

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 27 NAME=Montrose X= 75.8KM, Y= 25.4KM, Z= 84.0M, DIST= 79.9KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.06E-03	4.27E-03	3.84E-03	1.31E-03	1.04E-03	1.04E-06
CHILD	TOTALS	5.09E-04	3.69E-03	1.87E-03	6.53E-04	4.64E-04	1.04E-06
TEENAGE	TOTALS	3.95E-04	4.64E-03	1.13E-03	4.80E-04	3.86E-04	1.04E-06
ADULT	TOTALS	4.04E-04	4.73E-03	1.08E-03	5.36E-04	4.25E-04	1.04E-06

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.00E-01	6.72E-02	2.06E-02	2.83E-01	1.17E-01	1.20E+00
CHILD	TOTALS	9.53E-02	1.01E-01	2.95E-02	1.46E-01	7.23E-02	1.20E+00
TEENAGE	TOTALS	9.78E-02	1.91E-01	3.64E-02	8.61E-02	5.49E-02	1.20E+00
ADULT	TOTALS	9.94E-02	1.85E-01	4.61E-02	8.76E-02	5.90E-02	1.20E+00

NUMBER 28 NAME=Moab X= -65.7KM, Y= 35.7KM, Z= -40.0M, DIST= 74.8KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	4.76E-04	1.90E-03	1.73E-03	5.82E-04	4.62E-04	4.76E-07
CHILD	TOTALS	2.28E-04	1.65E-03	8.44E-04	2.91E-04	2.07E-04	4.76E-07
TEENAGE	TOTALS	1.77E-04	2.07E-03	5.12E-04	2.15E-04	1.73E-04	4.76E-07
ADULT	TOTALS	1.81E-04	2.12E-03	4.89E-04	2.41E-04	1.91E-04	4.76E-07

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	2.39E-01	1.44E-01	4.11E-02	6.28E-01	2.61E-01	2.94E+00
CHILD	TOTALS	2.29E-01	2.21E-01	6.45E-02	3.25E-01	1.62E-01	2.94E+00
TEENAGE	TOTALS	2.35E-01	4.19E-01	8.11E-02	1.93E-01	1.24E-01	2.94E+00
ADULT	TOTALS	2.39E-01	4.05E-01	1.03E-01	1.96E-01	1.33E-01	2.94E+00

0Program execution time = 0.32 seconds