University Hills Specific Plan

LST Analysis

Prepared by Michael Brandman Associates

Exhaust PM2.5	92%	percent of PM10
Fugitive Dust PM2.5	21%	percent of PM10

Unmitigated Emissions

Activity	Pollutant	Emissions (lbs/day)	Area of Source (m2)	Number of Sources	Hours per day of Operation	Emissions (g/s-m2)	Emissions (g/s)
Grading	CO	150		64	8		0.037
Grading	NOx	95		64	8		0.023
Grading	PM10 Exhaust	5.64		64	8		0.0014
Grading	PM10 Fugitive	1000	181319		8	8.69E-05	
Grading	PM2.5 Exhaust	5		64	8		0.0013
Grading	PM2.5 Fugitive	210	181319		8	1.82E-05	

CO Results

Location	1-hour CO (ug/m3)	1-hour CO (ppm)	8-hour CO (ug/m3)	8-hour CO (ppm)
Maximum	241	0.2	135	0.1
Nearest Sensitive Receptor	109	0.1	60	0.1

NOx Conversion to Nitrogen Dioxide - Construction

Distance to Construction Source (m)	NO2/NOx Ratio	NOx (ug/m3)	NO2 (ppm)
20	0.053	153	0.004
50	0.059	107	0.003
100	0.074	85	0.003
200	0.114	60	0.004
500	0.258	32	0.004
1000	0.467	16	0.004

PM10 and PM2.5 Results

The following is an excerpt from the SCAQMD LST Methodology, which is used to estimate PM10 and PM2.5 concentrations.

$$C_x = 0.9403\ C_o\ e^{-0.0462\ x}$$

Where: C_x is the predicted PM10 concentration at x meters from the fence line;
C_o is the PM10 concentration at the fence line as estimated by ISC3;
e is the natural logarithm; and
x is the distance in meters from the fence line.

	Unmitigated	
Distance from fenceline (m)	PM10 Concentration (ug/m3)	PM2.5 Concentration (ug/m3)
At fenceline (ISC Output)	430	91.00
35	80.26	16.98
45	50.56	10.70
50	40.13	8.49
100	3.98	0.84

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses User-Specified Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Not Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

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

**This Run Includes: 64 Source(s); 1 Source Group(s); and 48 Receptor(s)

**The Model Assumes A Pollutant Type of: CO_

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

**Output Options Selected:
Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs Tables of Overall Maximum Short Term Values (MAXTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; 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 = 1.3 MB of RAM.

**Input Runstream File: TMP0001_.TMP
**Output Print File: CO.OUT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
VOL2	0	0.36900E-01	-51.3	338.0	0.0	5.00	11.79	1.16	HROFDY
VOL3	0	0.36900E-01	-0.6	337.9	0.0	5.00	11.79	1.16	HROFDY
VOL4	0	0.36900E-01	50.1	338.0	0.0	5.00	11.79	1.16	HROFDY
VOL5	0	0.36900E-01	100.9	337.9	0.0	5.00	11.80	1.16	HROFDY
VOL6	0	0.36900E-01	151.6	337.9	0.0	5.00	11.80	1.16	HROFDY
VOL8	0	0.36900E-01	-51.3	287.2	0.0	5.00	11.79	1.16	HROFDY
VOL9	0	0.36900E-01	-0.6	287.2	0.0	5.00	11.73	1.16	HROFDY
VOL10	0	0.36900E-01	50.2	287.2	0.0	5.00	11.79	1.16	HROFDY
VOL11	0	0.36900E-01	100.9	287.2	0.0	5.00	11.78	1.16	HROFDY
VOL12	0	0.36900E-01	151.6	287.2	0.0	5.00	11.79	1.16	HROFDY
VOL14	0	0.36900E-01	-51.3	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL15	0	0.36900E-01	-0.6	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL16	0	0.36900E-01	50.2	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL17	0	0.36900E-01	100.9	236.5	0.0	5.00	11.80	1.16	HROFDY
VOL18	0	0.36900E-01	151.6	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL22	0	0.36900E-01	-51.3	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL23	0	0.36900E-01	-51.3	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL24	0	0.36900E-01	-51.3	85.3	0.0	5.00	11.79	1.16	HROFDY
VOL25	0	0.36900E-01	-0.6	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL26	0	0.36900E-01	-0.6	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL27	0	0.36900E-01	-0.6	85.2	0.0	5.00	11.79	1.16	HROFDY
VOL28	0	0.36900E-01	50.2	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL29	0	0.36900E-01	50.2	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL30	0	0.36900E-01	50.2	85.3	0.0	5.00	11.79	1.16	HROFDY
VOL31	0	0.36900E-01	100.9	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL32	0	0.36900E-01	100.9	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL33	0	0.36900E-01	100.9	85.3	0.0	5.00	11.80	1.16	HROFDY
VOL34	0	0.36900E-01	151.6	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL35	0	0.36900E-01	151.6	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL36	0	0.36900E-01	151.6	85.2	0.0	5.00	11.79	1.16	HROFDY
VOL37	0	0.36900E-01	202.3	337.9	0.0	5.00	11.80	1.16	HROFDY
VOL38	0	0.36900E-01	202.3	287.2	0.0	5.00	11.80	1.16	HROFDY
VOL39	0	0.36900E-01	202.3	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL40	0	0.36900E-01	202.3	185.8	0.0	5.00	11.80	1.16	HROFDY
VOL41	0	0.36900E-01	202.3	136.0	0.0	5.00	11.93	1.16	HROFDY
VOL42	0	0.36900E-01	202.3	85.3	0.0	5.00	11.80	1.16	HROFDY
VOL44	0	0.36900E-01	-51.3	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL45	0	0.36900E-01	-0.6	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL46	0	0.36900E-01	50.2	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL47	0	0.36900E-01	100.9	34.5	0.0	5.00	11.80	1.16	HROFDY

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
VOL48	0	0.36900E-01	151.6	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL49	0	0.36900E-01	202.3	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL50	0	0.36900E-01	253.0	337.9	0.0	5.00	11.80	1.16	HROFDY
VOL51	0	0.36900E-01	303.8	338.0	0.0	5.00	11.79	1.16	HROFDY
VOL54	0	0.36900E-01	253.0	287.2	0.0	5.00	11.80	1.16	HROFDY
VOL55	0	0.36900E-01	303.8	287.2	0.0	5.00	11.80	1.16	HROFDY
VOL56	0	0.36900E-01	253.1	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL57	0	0.36900E-01	303.8	236.5	0.0	5.00	11.80	1.16	HROFDY
VOL58	0	0.36900E-01	253.0	185.8	0.0	5.00	11.80	1.16	HROFDY
VOL59	0	0.36900E-01	303.8	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL60	0	0.36900E-01	253.0	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL61	0	0.36900E-01	303.8	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL62	0	0.36900E-01	253.1	85.2	0.0	5.00	11.79	1.16	HROFDY
VOL63	0	0.36900E-01	303.8	85.2	0.0	5.00	11.79	1.16	HROFDY
VOL64	0	0.36900E-01	253.0	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL65	0	0.36900E-01	303.8	34.5	0.0	5.00	11.79	1.16	HROFDY
VOL66	0	0.36900E-01	-51.3	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL67	0	0.36900E-01	-0.6	-16.2	0.0	5.00	11.79	1.16	HROFDY
VOL68	0	0.36900E-01	50.2	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL69	0	0.36900E-01	100.9	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL70	0	0.36900E-01	151.6	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL71	0	0.36900E-01	202.3	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL72	0	0.36900E-01	253.0	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL73	0	0.36900E-01	303.8	-16.2	0.0	5.00	11.79	1.16	HROFDY

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL14 , VOL15 ,
	VOL16 , VOL17 , VOL18 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , VOL29 , VOL30 ,
	VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , VOL37 , VOL38 , VOL39 , VOL40 , VOL41 , VOL42 ,
	VOL44 , VOL45 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL54 , VOL55 , VOL56 , VOL57 ,
	VOL58 , VOL59 , VOL60 , VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 , VOL69 ,
	VOL70 , VOL71 , VOL72 , VOL73 ,

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

SOURCE ID = VOL2 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL3 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL4 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

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   HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


SOURCE ID = VOL8     ;  SOURCE TYPE = VOLUME    :
      1   .00000E+00     2   .00000E+00     3   .00000E+00     4   .00000E+00     5   .00000E+00     6   .00000E+00
      7   .00000E+00     8   .00000E+00     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   .00000E+00    18   .00000E+00
     19   .00000E+00    20   .00000E+00    21   .00000E+00    22   .00000E+00    23   .00000E+00    24   .00000E+00


SOURCE ID = VOL9     ;  SOURCE TYPE = VOLUME    :
      1   .00000E+00     2   .00000E+00     3   .00000E+00     4   .00000E+00     5   .00000E+00     6   .00000E+00
      7   .00000E+00     8   .00000E+00     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   .00000E+00    18   .00000E+00
     19   .00000E+00    20   .00000E+00    21   .00000E+00    22   .00000E+00    23   .00000E+00    24   .00000E+00


SOURCE ID = VOL10    ;  SOURCE TYPE = VOLUME    :
      1   .00000E+00     2   .00000E+00     3   .00000E+00     4   .00000E+00     5   .00000E+00     6   .00000E+00
      7   .00000E+00     8   .00000E+00     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   .00000E+00    18   .00000E+00
     19   .00000E+00    20   .00000E+00    21   .00000E+00    22   .00000E+00    23   .00000E+00    24   .00000E+00


SOURCE ID = VOL11    ;  SOURCE TYPE = VOLUME    :
      1   .00000E+00     2   .00000E+00     3   .00000E+00     4   .00000E+00     5   .00000E+00     6   .00000E+00
      7   .00000E+00     8   .00000E+00     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   .00000E+00    18   .00000E+00
     19   .00000E+00    20   .00000E+00    21   .00000E+00    22   .00000E+00    23   .00000E+00    24   .00000E+00


SOURCE ID = VOL12    ;  SOURCE TYPE = VOLUME    :
      1   .00000E+00     2   .00000E+00     3   .00000E+00     4   .00000E+00     5   .00000E+00     6   .00000E+00
      7   .00000E+00     8   .00000E+00     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   .00000E+00    18   .00000E+00
     19   .00000E+00    20   .00000E+00    21   .00000E+00    22   .00000E+00    23   .00000E+00    24   .00000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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   HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


SOURCE ID = VOL14    ;  SOURCE TYPE = VOLUME    :
      1   .00000E+00     2   .00000E+00     3   .00000E+00     4   .00000E+00     5   .00000E+00     6   .00000E+00
      7   .00000E+00     8   .00000E+00     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   .00000E+00    18   .00000E+00
     19   .00000E+00    20   .00000E+00    21   .00000E+00    22   .00000E+00    23   .00000E+00    24   .00000E+00


SOURCE ID = VOL15    ;  SOURCE TYPE = VOLUME    :
      1   .00000E+00     2   .00000E+00     3   .00000E+00     4   .00000E+00     5   .00000E+00     6   .00000E+00
      7   .00000E+00     8   .00000E+00     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   .00000E+00    18   .00000E+00
     19   .00000E+00    20   .00000E+00    21   .00000E+00    22   .00000E+00    23   .00000E+00    24   .00000E+00


SOURCE ID = VOL16    ;  SOURCE TYPE = VOLUME    :
      1   .00000E+00     2   .00000E+00     3   .00000E+00     4   .00000E+00     5   .00000E+00     6   .00000E+00
      7   .00000E+00     8   .00000E+00     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   .00000E+00    18   .00000E+00
     19   .00000E+00    20   .00000E+00    21   .00000E+00    22   .00000E+00    23   .00000E+00    24   .00000E+00


SOURCE ID = VOL17    ;  SOURCE TYPE = VOLUME    :
      1   .00000E+00     2   .00000E+00     3   .00000E+00     4   .00000E+00     5   .00000E+00     6   .00000E+00
      7   .00000E+00     8   .00000E+00     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   .00000E+00    18   .00000E+00
     19   .00000E+00    20   .00000E+00    21   .00000E+00    22   .00000E+00    23   .00000E+00    24   .00000E+00


SOURCE ID = VOL18    ;  SOURCE TYPE = VOLUME    :
      1   .00000E+00     2   .00000E+00     3   .00000E+00     4   .00000E+00     5   .00000E+00     6   .00000E+00
      7   .00000E+00     8   .00000E+00     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   .00000E+00    18   .00000E+00
     19   .00000E+00    20   .00000E+00    21   .00000E+00    22   .00000E+00    23   .00000E+00    24   .00000E+00
```


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

```
   HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


SOURCE ID = VOL22    ;  SOURCE TYPE = VOLUME    :
      1   .00000E+00     2   .00000E+00     3   .00000E+00     4   .00000E+00     5   .00000E+00     6   .00000E+00
      7   .00000E+00     8   .00000E+00     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   .00000E+00    18   .00000E+00
     19   .00000E+00    20   .00000E+00    21   .00000E+00    22   .00000E+00    23   .00000E+00    24   .00000E+00


SOURCE ID = VOL23    ;  SOURCE TYPE = VOLUME    :
      1   .00000E+00     2   .00000E+00     3   .00000E+00     4   .00000E+00     5   .00000E+00     6   .00000E+00
      7   .00000E+00     8   .00000E+00     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   .00000E+00    18   .00000E+00
     19   .00000E+00    20   .00000E+00    21   .00000E+00    22   .00000E+00    23   .00000E+00    24   .00000E+00
```

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL26 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

CONC URBAN FLAT FLGPOL NOCALM

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL28 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL29 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL30 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL31 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

CONC URBAN FLAT FLGPOL NOCALM

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL32 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL33 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL34 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL35 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL36 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

SOURCE ID = VOL37 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL38 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL39 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL40 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL41 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

SOURCE ID = VOL42 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL44 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL45 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL46 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL47 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

SOURCE ID = VOL48 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL49 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL50 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL51 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL54 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL55 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL56 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL57 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL58 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL59 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL60 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL61 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL62 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL63 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL64 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL65 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL66 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL67 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL68 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL69 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL70 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL71 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL72 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL73 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

(363.6,	-175.9,	0.0,	2.0);	(448.9,	-111.2,	0.0,	2.0);
(283.2,	-190.5,	0.0,	2.0);	(238.1,	-190.5,	0.0,	2.0);
(193.1,	-190.5,	0.0,	2.0);	(148.1,	-190.5,	0.0,	2.0);
(103.0,	-190.5,	0.0,	2.0);	(58.0,	-190.5,	0.0,	2.0);
(13.0,	-190.5,	0.0,	2.0);	(-32.1,	-190.5,	0.0,	2.0);
(-77.1,	-190.5,	0.0,	2.0);	(-212.5,	-75.9,	0.0,	2.0);
(-147.8,	-161.2,	0.0,	2.0);	(-227.1,	4.6,	0.0,	2.0);
(-227.1,	49.8,	0.0,	2.0);	(-227.1,	94.9,	0.0,	2.0);
(-227.1,	140.1,	0.0,	2.0);	(-227.1,	185.2,	0.0,	2.0);
(-227.1,	230.4,	0.0,	2.0);	(-227.1,	275.5,	0.0,	2.0);

```
(   -227.1,     320.7,       0.0,       2.0);          (   -227.1,     365.8,       0.0,       2.0);
(   -112.8,     501.1,       0.0,       2.0);          (   -197.9,     436.4,       0.0,       2.0);
(    -32.5,     515.9,       0.0,       2.0);          (     12.6,     516.1,       0.0,       2.0);
(     57.6,     516.2,       0.0,       2.0);          (    102.6,     516.3,       0.0,       2.0);
(    147.6,     516.4,       0.0,       2.0);          (    192.7,     516.6,       0.0,       2.0);
(    237.7,     516.7,       0.0,       2.0);          (    282.8,     516.8,       0.0,       2.0);
(    327.8,     517.0,       0.0,       2.0);          (    463.5,     402.4,       0.0,       2.0);
(    398.7,     487.8,       0.0,       2.0);          (    478.2,     321.7,       0.0,       2.0);
(    478.2,     276.4,       0.0,       2.0);          (    478.2,     231.1,       0.0,       2.0);
(    478.2,     185.9,       0.0,       2.0);          (    478.2,     140.6,       0.0,       2.0);
(    478.2,      95.3,       0.0,       2.0);          (    478.2,      50.0,       0.0,       2.0);
(    478.2,       4.8,       0.0,       2.0);          (    478.2,     -40.5,       0.0,       2.0);
(    -77.1,     365.8,       0.0,       2.0);          (    -77.1,     -40.5,       0.0,       2.0);
(    328.2,     -40.5,       0.0,       2.0);          (    328.2,     367.0,       0.0,       2.0);
```


*** 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
```

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00
D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00
E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00
F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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

FILE: REDLANDS.ASC
FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
SURFACE STATION NO.: 54161 UPPER AIR STATION NO.: 99999
NAME: REDLANDS NAME: UNKNOWN
YEAR: 1981 YEAR: 1981

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M) RURAL	URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
81	01	01	01	292.3	1.00	284.3	7	522.6	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	02	282.4	0.00	284.3	7	507.0	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	03	287.5	0.00	283.1	7	491.4	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	04	301.0	0.00	283.1	7	475.8	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	05	286.5	0.00	282.6	7	460.3	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	06	297.0	0.00	283.1	7	444.7	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	07	297.0	0.00	285.4	6	1.4	170.7	0.0000	0.0	0.0000	0	0.00
81	01	01	08	314.6	1.00	287.6	5	47.0	192.0	0.0000	0.0	0.0000	0	0.00
81	01	01	09	299.0	1.00	289.8	4	92.5	213.3	0.0000	0.0	0.0000	0	0.00
81	01	01	10	54.2	1.34	291.5	3	138.0	234.7	0.0000	0.0	0.0000	0	0.00
81	01	01	11	89.1	1.79	294.3	3	183.5	256.0	0.0000	0.0	0.0000	0	0.00
81	01	01	12	103.1	1.34	297.6	2	229.0	277.3	0.0000	0.0	0.0000	0	0.00
81	01	01	13	87.2	1.34	298.7	2	274.5	298.7	0.0000	0.0	0.0000	0	0.00
81	01	01	14	124.2	1.79	299.8	3	320.0	320.0	0.0000	0.0	0.0000	0	0.00
81	01	01	15	134.8	2.24	299.3	3	320.0	320.0	0.0000	0.0	0.0000	0	0.00
81	01	01	16	98.2	2.24	298.7	4	320.0	320.0	0.0000	0.0	0.0000	0	0.00
81	01	01	17	110.1	2.24	295.4	5	325.6	318.5	0.0000	0.0	0.0000	0	0.00
81	01	01	18	210.1	1.00	291.5	6	357.2	310.3	0.0000	0.0	0.0000	0	0.00
81	01	01	19	268.0	1.00	289.8	7	388.8	302.1	0.0000	0.0	0.0000	0	0.00
81	01	01	20	303.2	1.00	287.0	7	420.4	293.9	0.0000	0.0	0.0000	0	0.00
81	01	01	21	291.1	1.34	286.5	7	452.0	285.7	0.0000	0.0	0.0000	0	0.00
81	01	01	22	294.5	1.34	287.0	7	483.5	277.4	0.0000	0.0	0.0000	0	0.00
81	01	01	23	293.2	0.00	285.9	7	515.1	269.2	0.0000	0.0	0.0000	0	0.00
81	01	01	24	292.2	0.00	285.4	7	546.7	261.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

CONC URBAN FLAT FLGPOL NOCALM

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL8 , VOL9 ,
VOL10 , VOL11 , VOL12 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
363.57	-175.87	2.17596	448.92	-111.22	3.79554
283.18	-190.51	1.60697	238.14	-190.51	1.40084
193.11	-190.51	1.18162	148.07	-190.51	0.95881
103.04	-190.51	0.74387	58.00	-190.51	0.55076
12.97	-190.51	0.39475	-32.07	-190.51	0.28657
-77.10	-190.51	0.22258	-212.46	-75.87	0.27672
-147.81	-161.22	0.19596	-227.10	4.64	0.46698
-227.10	49.78	0.59706	-227.10	94.93	0.72037
-227.10	140.08	0.82751	-227.10	185.22	0.91347
-227.10	230.37	0.97606	-227.10	275.52	1.01091
-227.10	320.66	1.00732	-227.10	365.81	0.95719
-112.79	501.12	1.05248	-197.91	436.42	0.93867
-32.49	515.94	1.27766	12.55	516.06	1.43099
57.58	516.19	1.57880	102.62	516.32	1.71410
147.65	516.44	1.82675	192.68	516.57	1.90741
237.72	516.70	1.94681	282.75	516.82	1.93650
327.79	516.95	1.88491	463.52	402.36	3.49603
398.68	487.76	2.16820	478.21	321.68	5.40243
478.21	276.40	6.45556	478.21	231.13	7.19767
478.21	185.86	7.62465	478.21	140.58	7.77152
478.21	95.31	7.65515	478.21	50.04	7.25908
478.21	4.76	6.53220	478.21	-40.51	5.45979
-77.10	365.81	3.46406	-77.10	-40.51	0.97628
328.21	-40.51	13.28876	328.21	366.95	10.47887

CONC URBAN FLAT FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL8 , VOL9 ,
VOL10 , VOL11 , VOL12 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
363.57	-175.87	82.16145	(81032911)	448.92	-111.22	109.49839	(81042509)
283.18	-190.51	80.09653	(81022709)	238.14	-190.51	80.13587	(81012715)
193.11	-190.51	79.54725	(81012715)	148.07	-190.51	79.72211	(81021110)
103.04	-190.51	80.11374	(81021110)	58.00	-190.51	80.08405	(81031609)
12.97	-190.51	80.00727	(81032309)	-32.07	-190.51	79.94445	(81032309)
-77.10	-190.51	85.63185	(81122716)	-212.46	-75.87	102.14720	(81120509)
-147.81	-161.22	107.86315	(81122716)	-227.10	4.64	106.59872	(81120509)
-227.10	49.78	107.18727	(81120309)	-227.10	94.93	107.32719	(81121409)
-227.10	140.08	107.47436	(81122609)	-227.10	185.22	107.46049	(81111909)
-227.10	230.37	107.24268	(81121909)	-227.10	275.52	107.17712	(81011709)
-227.10	320.66	106.97749	(81112809)	-227.10	365.81	106.14499	(81021309)
-112.79	501.12	108.29886	(81110209)	-197.91	436.42	109.40308	(81112009)
-32.49	515.94	105.95891	(81122309)	12.55	516.06	106.01564	(81123110)
57.58	516.19	105.97492	(81111809)	102.62	516.32	105.83673	(81110409)
147.65	516.44	105.75592	(81092909)	192.68	516.57	105.82362	(81111609)
237.72	516.70	104.91499	(81111609)	282.75	516.82	105.38202	(81052910)
327.79	516.95	104.92125	(81122009)	463.52	402.36	109.37783	(81112410)
398.68	487.76	108.87177	(81123109)	478.21	321.68	97.18822	(81112410)
478.21	276.40	104.51783	(81053109)	478.21	231.13	107.25556	(81053109)
478.21	185.86	107.95236	(81053109)	478.21	140.58	107.92492	(81060209)
478.21	95.31	107.80721	(81122714)	478.21	50.04	107.64357	(81051510)
478.21	4.76	105.98785	(81051510)	478.21	-40.51	105.93729	(81122713)
-77.10	365.81	237.33908	(81022810)	-77.10	-40.51	241.92209	(81122716)
328.21	-40.51	238.22705	(81042509)	328.21	366.95	237.06967	(81031109)

CONC URBAN FLAT FLGPOL NOCALM

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL8 , VOL9 ,
VOL10 , VOL11 , VOL12 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
363.57	-175.87	52.50029	(81032916)	448.92	-111.22	40.06005	(81042516)
283.18	-190.51	56.50762	(81032916)	238.14	-190.51	55.87526	(81032916)
193.11	-190.51	52.96040	(81032916)	148.07	-190.51	48.31237	(81032916)
103.04	-190.51	41.96484	(81032916)	58.00	-190.51	33.88029	(81032916)
12.97	-190.51	26.16544	(81030616)	-32.07	-190.51	20.72253	(81030616)
-77.10	-190.51	16.59654	(81030616)	-212.46	-75.87	29.93890	(81123016)
-147.81	-161.22	17.97972	(81123016)	-227.10	4.64	37.94680	(81123016)
-227.10	49.78	41.35690	(81123016)	-227.10	94.93	44.23454	(81123016)
-227.10	140.08	46.40891	(81123016)	-227.10	185.22	47.22081	(81123016)
-227.10	230.37	46.27819	(81123016)	-227.10	275.52	43.35099	(81123016)
-227.10	320.66	44.41759	(81122716)	-227.10	365.81	42.73243	(81122716)
-112.79	501.12	35.97047	(81012816)	-197.91	436.42	37.33950	(81122716)
-32.49	515.94	34.62282	(81012816)	12.55	516.06	37.38530	(81112616)
57.58	516.19	41.37517	(81112616)	102.62	516.32	43.06518	(81112616)

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         147.65       516.44       43.12460  (81112616)                    192.68       516.57       41.87022  (81112616)
         237.72       516.70       39.31191  (81112616)                    282.75       516.82       34.98896  (81112616)
         327.79       516.95       27.69897  (81112616)                    463.52       402.36       37.34554  (81102716)
         398.68       487.76       30.85046  (81100416)                    478.21       321.68       46.41278  (81060216)
         478.21       276.40       53.68884  (81051416)                    478.21       231.13       58.00194  (81051416)
         478.21       185.86       59.28568  (81051416)                    478.21       140.58       60.03897  (81112416)
         478.21        95.31       58.82084  (81112416)                    478.21        50.04       56.33997  (81112416)
         478.21         4.76       53.17866  (81112416)                    478.21       -40.51       47.46321  (81112416)
         -77.10       365.81      112.20686  (81122716)                    -77.10       -40.51       73.76863  (81123016)
         328.21       -40.51      135.04521  (81032916)                    328.21       366.95      103.18425  (81102716)
  *** ISCST3 - VERSION 02035 ***    *** UNIVERSITY HILLS LST                                                  ***        12/12/07
                                    *** CARBON MONOXIDE                                                       ***        13:19:12
**MODELOPTs:                                                                                                          PAGE  24
CONC                    URBAN FLAT  FLGPOL                              NOCALM

                                 *** THE MAXIMUM   10   1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                     INCLUDING SOURCE(S):    VOL2    , VOL3    , VOL4    , VOL5    , VOL6    , VOL8    , VOL9    ,
        VOL10   , VOL11   , VOL12   , VOL14   , VOL15   , VOL16   , VOL17   , VOL18   , VOL22   , VOL23   , VOL24   , VOL25   ,
        VOL26   , VOL27   , VOL28   , VOL29   , VOL30   , VOL31   , VOL32   , VOL33   , VOL34   , VOL35   , VOL36   ,  . . .  ,

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

RANK        CONC    (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE    RANK        CONC    (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
   1.     241.92209 (81122716) AT (    -77.10,     -40.51)  DC        6.     237.06967 (81031109) AT (    328.21,     366.95)  DC
   2.     238.22705 (81042509) AT (    328.21,     -40.51)  DC        7.     237.06833 (81111509) AT (    -77.10,     365.81)  DC
   3.     237.33908 (81022810) AT (    -77.10,     365.81)  DC        8.     236.95398 (81112716) AT (    328.21,     366.95)  DC
   4.     237.32837 (81020709) AT (    -77.10,     365.81)  DC        9.     236.83995 (81092509) AT (    328.21,     366.95)  DC
   5.     237.07996 (81110309) AT (    -77.10,     365.81)  DC       10.     236.03769 (81120109) AT (    -77.10,     365.81)  DC

 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
  *** ISCST3 - VERSION 02035 ***    *** UNIVERSITY HILLS LST                                                  ***        12/12/07
                                    *** CARBON MONOXIDE                                                       ***        13:19:12
**MODELOPTs:                                                                                                          PAGE  25
CONC                    URBAN FLAT  FLGPOL                              NOCALM

                                 *** THE MAXIMUM   10   8-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                     INCLUDING SOURCE(S):    VOL2    , VOL3    , VOL4    , VOL5    , VOL6    , VOL8    , VOL9    ,
        VOL10   , VOL11   , VOL12   , VOL14   , VOL15   , VOL16   , VOL17   , VOL18   , VOL22   , VOL23   , VOL24   , VOL25   ,
        VOL26   , VOL27   , VOL28   , VOL29   , VOL30   , VOL31   , VOL32   , VOL33   , VOL34   , VOL35   , VOL36   ,  . . .  ,

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

RANK        CONC    (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE    RANK        CONC    (YYMMDDHH) AT      RECEPTOR (XR,YR) OF TYPE
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
   1.     135.04521 (81032916) AT (    328.21,     -40.51)  DC        6.      98.36444 (81031216) AT (    328.21,     -40.51)  DC
   2.     112.20686 (81122716) AT (    -77.10,     365.81)  DC        7.      97.96164 (81112416) AT (    328.21,     -40.51)  DC
   3.     104.82979 (81042516) AT (    328.21,     -40.51)  DC        8.      95.93655 (81042416) AT (    328.21,     -40.51)  DC
   4.     103.57574 (81020916) AT (    328.21,     -40.51)  DC        9.      95.43346 (81012816) AT (    -77.10,     365.81)  DC
   5.     103.18425 (81102716) AT (    328.21,     366.95)  DC       10.      91.72650 (81031516) AT (    328.21,     -40.51)  DC

 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
  *** ISCST3 - VERSION 02035 ***    *** UNIVERSITY HILLS LST                                                  ***        12/12/07
                                    *** CARBON MONOXIDE                                                       ***        13:19:12
**MODELOPTs:                                                                                                          PAGE  26
CONC                    URBAN FLAT  FLGPOL                              NOCALM

                                          *** THE SUMMARY OF MAXIMUM PERIOD (  8760 HRS) RESULTS ***

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

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

ALL      1ST HIGHEST VALUE IS      13.28876 AT (     328.21,      -40.51,      0.00,      2.00)  DC      NA
         2ND HIGHEST VALUE IS      10.47887 AT (     328.21,      366.95,      0.00,      2.00)  DC      NA
         3RD HIGHEST VALUE IS       7.77152 AT (     478.21,      140.58,      0.00,      2.00)  DC      NA
         4TH HIGHEST VALUE IS       7.65515 AT (     478.21,       95.31,      0.00,      2.00)  DC      NA
         5TH HIGHEST VALUE IS       7.62465 AT (     478.21,      185.86,      0.00,      2.00)  DC      NA
         6TH HIGHEST VALUE IS       7.25908 AT (     478.21,       50.04,      0.00,      2.00)  DC      NA
         7TH HIGHEST VALUE IS       7.19767 AT (     478.21,      231.13,      0.00,      2.00)  DC      NA
         8TH HIGHEST VALUE IS       6.53220 AT (     478.21,        4.76,      0.00,      2.00)  DC      NA
         9TH HIGHEST VALUE IS       6.45556 AT (     478.21,      276.40,      0.00,      2.00)  DC      NA
        10TH HIGHEST VALUE IS       5.45979 AT (     478.21,      -40.51,      0.00,      2.00)  DC      NA


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
  *** ISCST3 - VERSION 02035 ***    *** UNIVERSITY HILLS LST                                                  ***        12/12/07
                                    *** CARBON MONOXIDE                                                       ***        13:19:12
**MODELOPTs:                                                                                                          PAGE  27
CONC                    URBAN FLAT  FLGPOL                              NOCALM

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

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

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

ALL      HIGH  1ST HIGH VALUE IS     241.92209  ON 81122716: AT (     -77.10,      -40.51,      0.00,      2.00)  DC      NA

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

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

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	135.04521	ON 81032916:	AT (328.21, -40.51, 0.00, 2.00)	DC	NA

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

*** Message Summary : ISCST3 Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 1398 Informational Message(s)

A Total of 1398 Calm Hours Identified

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

******** WARNING MESSAGES ********
*** NONE ***

****
*** ISCST3 Finishes Successfully ***
****

*** MODEL SETUP OPTIONS SUMMARY ***

- -

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses User-Specified Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Not Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

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

**This Run Includes: 64 Source(s); 1 Source Group(s); and 468 Receptor(s)

**The Model Assumes A Pollutant Type of: NOX_

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

**Output Options Selected:
Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs Tables of Overall Maximum Short Term Values (MAXTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; 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 = 1.3 MB of RAM.

**Input Runstream File: TMP0001_.TMP
**Output Print File: NOX.OUT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
VOL2	0	0.23400E-01	-51.3	338.0	0.0	5.00	11.79	1.16	HROFDY
VOL3	0	0.23400E-01	-0.6	337.9	0.0	5.00	11.79	1.16	HROFDY
VOL4	0	0.23400E-01	50.1	338.0	0.0	5.00	11.79	1.16	HROFDY
VOL5	0	0.23400E-01	100.9	337.9	0.0	5.00	11.80	1.16	HROFDY
VOL6	0	0.23400E-01	151.6	337.9	0.0	5.00	11.80	1.16	HROFDY
VOL8	0	0.23400E-01	-51.3	287.2	0.0	5.00	11.79	1.16	HROFDY
VOL9	0	0.23400E-01	-0.6	287.2	0.0	5.00	11.73	1.16	HROFDY
VOL10	0	0.23400E-01	50.2	287.2	0.0	5.00	11.79	1.16	HROFDY
VOL11	0	0.23400E-01	100.9	287.2	0.0	5.00	11.78	1.16	HROFDY
VOL12	0	0.23400E-01	151.6	287.2	0.0	5.00	11.79	1.16	HROFDY
VOL14	0	0.23400E-01	-51.3	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL15	0	0.23400E-01	-0.6	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL16	0	0.23400E-01	50.2	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL17	0	0.23400E-01	100.9	236.5	0.0	5.00	11.80	1.16	HROFDY
VOL18	0	0.23400E-01	151.6	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL22	0	0.23400E-01	-51.3	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL23	0	0.23400E-01	-51.3	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL24	0	0.23400E-01	-51.3	85.3	0.0	5.00	11.79	1.16	HROFDY
VOL25	0	0.23400E-01	-0.6	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL26	0	0.23400E-01	-0.6	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL27	0	0.23400E-01	-0.6	85.2	0.0	5.00	11.79	1.16	HROFDY
VOL28	0	0.23400E-01	50.2	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL29	0	0.23400E-01	50.2	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL30	0	0.23400E-01	50.2	85.3	0.0	5.00	11.79	1.16	HROFDY
VOL31	0	0.23400E-01	100.9	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL32	0	0.23400E-01	100.9	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL33	0	0.23400E-01	100.9	85.3	0.0	5.00	11.80	1.16	HROFDY
VOL34	0	0.23400E-01	151.6	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL35	0	0.23400E-01	151.6	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL36	0	0.23400E-01	151.6	85.2	0.0	5.00	11.79	1.16	HROFDY
VOL37	0	0.23400E-01	202.3	337.9	0.0	5.00	11.80	1.16	HROFDY
VOL38	0	0.23400E-01	202.3	287.2	0.0	5.00	11.80	1.16	HROFDY
VOL39	0	0.23400E-01	202.3	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL40	0	0.23400E-01	202.3	185.8	0.0	5.00	11.80	1.16	HROFDY
VOL41	0	0.23400E-01	202.3	136.0	0.0	5.00	11.93	1.16	HROFDY
VOL42	0	0.23400E-01	202.3	85.3	0.0	5.00	11.80	1.16	HROFDY
VOL44	0	0.23400E-01	-51.3	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL45	0	0.23400E-01	-0.6	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL46	0	0.23400E-01	50.2	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL47	0	0.23400E-01	100.9	34.5	0.0	5.00	11.80	1.16	HROFDY

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
VOL48	0	0.23400E-01	151.6	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL49	0	0.23400E-01	202.3	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL50	0	0.23400E-01	253.0	337.9	0.0	5.00	11.80	1.16	HROFDY
VOL51	0	0.23400E-01	303.8	338.0	0.0	5.00	11.79	1.16	HROFDY
VOL54	0	0.23400E-01	253.0	287.2	0.0	5.00	11.80	1.16	HROFDY
VOL55	0	0.23400E-01	303.8	287.2	0.0	5.00	11.80	1.16	HROFDY
VOL56	0	0.23400E-01	253.1	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL57	0	0.23400E-01	303.8	236.5	0.0	5.00	11.80	1.16	HROFDY
VOL58	0	0.23400E-01	253.0	185.8	0.0	5.00	11.80	1.16	HROFDY
VOL59	0	0.23400E-01	303.8	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL60	0	0.23400E-01	253.0	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL61	0	0.23400E-01	303.8	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL62	0	0.23400E-01	253.1	85.2	0.0	5.00	11.79	1.16	HROFDY
VOL63	0	0.23400E-01	303.8	85.2	0.0	5.00	11.79	1.16	HROFDY
VOL64	0	0.23400E-01	253.0	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL65	0	0.23400E-01	303.8	34.5	0.0	5.00	11.79	1.16	HROFDY
VOL66	0	0.23400E-01	-51.3	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL67	0	0.23400E-01	-0.6	-16.2	0.0	5.00	11.79	1.16	HROFDY
VOL68	0	0.23400E-01	50.2	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL69	0	0.23400E-01	100.9	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL70	0	0.23400E-01	151.6	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL71	0	0.23400E-01	202.3	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL72	0	0.23400E-01	253.0	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL73	0	0.23400E-01	303.8	-16.2	0.0	5.00	11.79	1.16	HROFDY

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL14 , VOL15 ,
	VOL16 , VOL17 , VOL18 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , VOL29 , VOL30 ,
	VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , VOL37 , VOL38 , VOL39 , VOL40 , VOL41 , VOL42 ,
	VOL44 , VOL45 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL54 , VOL55 , VOL56 , VOL57 ,
	VOL58 , VOL59 , VOL60 , VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 , VOL69 ,
	VOL70 , VOL71 , VOL72 , VOL73 ,

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

SOURCE ID = VOL2 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL3 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL4 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL12 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

SOURCE ID = VOL14 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL15 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL18 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL26 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL28 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL29 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL30 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL31 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL32 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL33 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL34 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL35 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL36 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00

19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

SOURCE ID = VOL37 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL38 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL39 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL40 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL41 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

SOURCE ID = VOL42 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL44 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL45 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL46 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL47 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

SOURCE ID = VOL48 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL49 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL50 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL51 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL54 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL55 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL56 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL57 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL58 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL59 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL60 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL61 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL62 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL63 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL64 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL65 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL66 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL67 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL68 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL69 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL70 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL71 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL72 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL73 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

(328.2,	-60.5,	0.0,	2.0);	(283.2,	-60.5,	0.0,	2.0);
(238.1,	-60.5,	0.0,	2.0);	(193.1,	-60.5,	0.0,	2.0);
(148.1,	-60.5,	0.0,	2.0);	(103.0,	-60.5,	0.0,	2.0);
(58.0,	-60.5,	0.0,	2.0);	(13.0,	-60.5,	0.0,	2.0);
(-32.1,	-60.5,	0.0,	2.0);	(-77.1,	-60.5,	0.0,	2.0);
(328.2,	-90.5,	0.0,	2.0);	(283.2,	-90.5,	0.0,	2.0);
(238.1,	-90.5,	0.0,	2.0);	(193.1,	-90.5,	0.0,	2.0);
(148.1,	-90.5,	0.0,	2.0);	(103.0,	-90.5,	0.0,	2.0);
(58.0,	-90.5,	0.0,	2.0);	(13.0,	-90.5,	0.0,	2.0);

(-32.1,	-90.5,	0.0,	2.0);	(-77.1,	-90.5,	0.0,	2.0);
(363.6,	-125.9,	0.0,	2.0);	(413.6,	-75.9,	0.0,	2.0);
(328.2,	-140.5,	0.0,	2.0);	(283.2,	-140.5,	0.0,	2.0);
(238.1,	-140.5,	0.0,	2.0);	(193.1,	-140.5,	0.0,	2.0);
(148.1,	-140.5,	0.0,	2.0);	(103.0,	-140.5,	0.0,	2.0);
(58.0,	-140.5,	0.0,	2.0);	(13.0,	-140.5,	0.0,	2.0);
(-32.1,	-140.5,	0.0,	2.0);	(-77.1,	-140.5,	0.0,	2.0);
(363.6,	-225.9,	0.0,	2.0);	(398.9,	-211.2,	0.0,	2.0);
(434.3,	-196.6,	0.0,	2.0);	(484.3,	-146.6,	0.0,	2.0);
(498.9,	-111.2,	0.0,	2.0);	(513.6,	-75.9,	0.0,	2.0);
(328.2,	-240.5,	0.0,	2.0);	(283.2,	-240.5,	0.0,	2.0);
(238.1,	-240.5,	0.0,	2.0);	(193.1,	-240.5,	0.0,	2.0);
(148.1,	-240.5,	0.0,	2.0);	(103.0,	-240.5,	0.0,	2.0);
(58.0,	-240.5,	0.0,	2.0);	(13.0,	-240.5,	0.0,	2.0);
(-32.1,	-240.5,	0.0,	2.0);	(-77.1,	-240.5,	0.0,	2.0);
(367.5,	-524.2,	0.0,	2.0);	(406.8,	-508.0,	0.0,	2.0);
(446.1,	-491.7,	0.0,	2.0);	(485.3,	-475.4,	0.0,	2.0);
(524.6,	-459.1,	0.0,	2.0);	(563.9,	-442.9,	0.0,	2.0);
(603.2,	-426.6,	0.0,	2.0);	(642.5,	-410.3,	0.0,	2.0);
(698.0,	-354.8,	0.0,	2.0);	(714.3,	-315.5,	0.0,	2.0);
(730.6,	-276.2,	0.0,	2.0);	(746.8,	-236.9,	0.0,	2.0);
(763.1,	-197.6,	0.0,	2.0);	(779.4,	-158.4,	0.0,	2.0);
(795.7,	-119.1,	0.0,	2.0);	(811.9,	-79.8,	0.0,	2.0);
(328.2,	-540.5,	0.0,	2.0);	(283.2,	-540.5,	0.0,	2.0);
(238.1,	-540.5,	0.0,	2.0);	(193.1,	-540.5,	0.0,	2.0);
(148.1,	-540.5,	0.0,	2.0);	(103.0,	-540.5,	0.0,	2.0);
(58.0,	-540.5,	0.0,	2.0);	(13.0,	-540.5,	0.0,	2.0);
(-32.1,	-540.5,	0.0,	2.0);	(-77.1,	-540.5,	0.0,	2.0);
(369.8,	-1023.3,	0.0,	2.0);	(411.4,	-1006.0,	0.0,	2.0);
(453.0,	-988.8,	0.0,	2.0);	(494.6,	-971.6,	0.0,	2.0);
(536.2,	-954.4,	0.0,	2.0);	(577.8,	-937.1,	0.0,	2.0);
(619.4,	-919.9,	0.0,	2.0);	(661.0,	-902.7,	0.0,	2.0);
(702.6,	-885.5,	0.0,	2.0);	(744.2,	-868.2,	0.0,	2.0);
(785.8,	-851.0,	0.0,	2.0);	(827.3,	-833.8,	0.0,	2.0);
(868.9,	-816.5,	0.0,	2.0);	(910.5,	-799.3,	0.0,	2.0);
(952.1,	-782.1,	0.0,	2.0);	(993.7,	-764.8,	0.0,	2.0);

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

(1052.6,	-706.0,	0.0,	2.0);	(1069.8,	-664.4,	0.0,	2.0);
(1087.0,	-622.8,	0.0,	2.0);	(1104.2,	-581.2,	0.0,	2.0);
(1121.5,	-539.6,	0.0,	2.0);	(1138.7,	-498.0,	0.0,	2.0);
(1155.9,	-456.5,	0.0,	2.0);	(1173.2,	-414.9,	0.0,	2.0);
(1190.4,	-373.3,	0.0,	2.0);	(1207.6,	-331.7,	0.0,	2.0);
(1224.8,	-290.1,	0.0,	2.0);	(1242.1,	-248.5,	0.0,	2.0);
(1259.3,	-206.9,	0.0,	2.0);	(1276.5,	-165.3,	0.0,	2.0);
(1293.8,	-123.7,	0.0,	2.0);	(1311.0,	-82.1,	0.0,	2.0);
(328.2,	-1040.5,	0.0,	2.0);	(283.2,	-1040.5,	0.0,	2.0);
(238.1,	-1040.5,	0.0,	2.0);	(193.1,	-1040.5,	0.0,	2.0);
(148.1,	-1040.5,	0.0,	2.0);	(103.0,	-1040.5,	0.0,	2.0);
(58.0,	-1040.5,	0.0,	2.0);	(13.0,	-1040.5,	0.0,	2.0);
(-32.1,	-1040.5,	0.0,	2.0);	(-77.1,	-1040.5,	0.0,	2.0);
(-97.1,	-40.5,	0.0,	2.0);	(-97.1,	4.6,	0.0,	2.0);
(-97.1,	49.8,	0.0,	2.0);	(-97.1,	94.9,	0.0,	2.0);
(-97.1,	140.1,	0.0,	2.0);	(-97.1,	185.2,	0.0,	2.0);
(-97.1,	230.4,	0.0,	2.0);	(-97.1,	275.5,	0.0,	2.0);
(-97.1,	320.7,	0.0,	2.0);	(-97.1,	365.8,	0.0,	2.0);
(-127.1,	-40.5,	0.0,	2.0);	(-127.1,	4.6,	0.0,	2.0);
(-127.1,	49.8,	0.0,	2.0);	(-127.1,	94.9,	0.0,	2.0);
(-127.1,	140.1,	0.0,	2.0);	(-127.1,	185.2,	0.0,	2.0);
(-127.1,	230.4,	0.0,	2.0);	(-127.1,	275.5,	0.0,	2.0);
(-127.1,	320.7,	0.0,	2.0);	(-127.1,	365.8,	0.0,	2.0);
(-162.5,	-75.9,	0.0,	2.0);	(-112.5,	-125.9,	0.0,	2.0);
(-177.1,	-40.5,	0.0,	2.0);	(-177.1,	4.6,	0.0,	2.0);
(-177.1,	49.8,	0.0,	2.0);	(-177.1,	94.9,	0.0,	2.0);
(-177.1,	140.1,	0.0,	2.0);	(-177.1,	185.2,	0.0,	2.0);
(-177.1,	230.4,	0.0,	2.0);	(-177.1,	275.5,	0.0,	2.0);
(-177.1,	320.7,	0.0,	2.0);	(-177.1,	365.8,	0.0,	2.0);
(-262.5,	-75.9,	0.0,	2.0);	(-247.8,	-111.2,	0.0,	2.0);
(-233.2,	-146.6,	0.0,	2.0);	(-183.2,	-196.6,	0.0,	2.0);
(-147.8,	-211.2,	0.0,	2.0);	(-112.5,	-225.9,	0.0,	2.0);
(-277.1,	-40.5,	0.0,	2.0);	(-277.1,	4.6,	0.0,	2.0);
(-277.1,	49.8,	0.0,	2.0);	(-277.1,	94.9,	0.0,	2.0);
(-277.1,	140.1,	0.0,	2.0);	(-277.1,	185.2,	0.0,	2.0);
(-277.1,	230.4,	0.0,	2.0);	(-277.1,	275.5,	0.0,	2.0);
(-277.1,	320.7,	0.0,	2.0);	(-277.1,	365.8,	0.0,	2.0);
(-560.8,	-79.8,	0.0,	2.0);	(-544.6,	-119.1,	0.0,	2.0);
(-528.3,	-158.4,	0.0,	2.0);	(-512.0,	-197.6,	0.0,	2.0);
(-495.7,	-236.9,	0.0,	2.0);	(-479.5,	-276.2,	0.0,	2.0);
(-463.2,	-315.5,	0.0,	2.0);	(-446.9,	-354.8,	0.0,	2.0);
(-391.4,	-410.3,	0.0,	2.0);	(-352.1,	-426.6,	0.0,	2.0);
(-312.8,	-442.9,	0.0,	2.0);	(-273.5,	-459.1,	0.0,	2.0);
(-234.2,	-475.4,	0.0,	2.0);	(-194.9,	-491.7,	0.0,	2.0);
(-155.7,	-508.0,	0.0,	2.0);	(-116.4,	-524.2,	0.0,	2.0);

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

(-577.1,	-40.5,	0.0,	2.0);	(-577.1,	4.6,	0.0,	2.0);
(-577.1,	49.8,	0.0,	2.0);	(-577.1,	94.9,	0.0,	2.0);
(-577.1,	140.1,	0.0,	2.0);	(-577.1,	185.2,	0.0,	2.0);
(-577.1,	230.4,	0.0,	2.0);	(-577.1,	275.5,	0.0,	2.0);
(-577.1,	320.7,	0.0,	2.0);	(-577.1,	365.8,	0.0,	2.0);
(-1059.9,	-82.1,	0.0,	2.0);	(-1042.6,	-123.7,	0.0,	2.0);
(-1025.4,	-165.3,	0.0,	2.0);	(-1008.2,	-206.9,	0.0,	2.0);
(-991.0,	-248.5,	0.0,	2.0);	(-973.7,	-290.1,	0.0,	2.0);
(-956.5,	-331.7,	0.0,	2.0);	(-939.3,	-373.3,	0.0,	2.0);
(-922.0,	-414.9,	0.0,	2.0);	(-904.8,	-456.5,	0.0,	2.0);
(-887.6,	-498.0,	0.0,	2.0);	(-870.3,	-539.6,	0.0,	2.0);

(-853.1,	-581.2,	0.0,	2.0);	(-835.9,	-622.8,	0.0,	2.0);
(-818.7,	-664.4,	0.0,	2.0);	(-801.4,	-706.0,	0.0,	2.0);
(-742.6,	-764.8,	0.0,	2.0);	(-701.0,	-782.1,	0.0,	2.0);
(-659.4,	-799.3,	0.0,	2.0);	(-617.8,	-816.5,	0.0,	2.0);
(-576.2,	-833.8,	0.0,	2.0);	(-534.6,	-851.0,	0.0,	2.0);
(-493.0,	-868.2,	0.0,	2.0);	(-451.5,	-885.5,	0.0,	2.0);
(-409.9,	-902.7,	0.0,	2.0);	(-368.3,	-919.9,	0.0,	2.0);
(-326.7,	-937.1,	0.0,	2.0);	(-285.1,	-954.4,	0.0,	2.0);
(-243.5,	-971.6,	0.0,	2.0);	(-201.9,	-988.8,	0.0,	2.0);
(-160.3,	-1006.0,	0.0,	2.0);	(-118.7,	-1023.3,	0.0,	2.0);
(-1077.1,	-40.5,	0.0,	2.0);	(-1077.1,	4.6,	0.0,	2.0);
(-1077.1,	49.8,	0.0,	2.0);	(-1077.1,	94.9,	0.0,	2.0);
(-1077.1,	140.1,	0.0,	2.0);	(-1077.1,	185.2,	0.0,	2.0);
(-1077.1,	230.4,	0.0,	2.0);	(-1077.1,	275.5,	0.0,	2.0);
(-1077.1,	320.7,	0.0,	2.0);	(-1077.1,	365.8,	0.0,	2.0);
(-77.2,	385.8,	0.0,	2.0);	(-32.1,	385.9,	0.0,	2.0);
(12.9,	386.1,	0.0,	2.0);	(58.0,	386.2,	0.0,	2.0);
(103.0,	386.3,	0.0,	2.0);	(148.0,	386.4,	0.0,	2.0);
(193.1,	386.6,	0.0,	2.0);	(238.1,	386.7,	0.0,	2.0);
(283.1,	386.8,	0.0,	2.0);	(328.1,	387.0,	0.0,	2.0);
(-77.2,	415.8,	0.0,	2.0);	(-32.2,	415.9,	0.0,	2.0);
(12.8,	416.1,	0.0,	2.0);	(57.9,	416.2,	0.0,	2.0);
(102.9,	416.3,	0.0,	2.0);	(147.9,	416.4,	0.0,	2.0);
(193.0,	416.6,	0.0,	2.0);	(238.0,	416.7,	0.0,	2.0);
(283.0,	416.8,	0.0,	2.0);	(328.1,	417.0,	0.0,	2.0);
(-112.7,	451.1,	0.0,	2.0);	(-162.5,	401.1,	0.0,	2.0);
(-77.4,	465.8,	0.0,	2.0);	(-32.3,	465.9,	0.0,	2.0);
(12.7,	466.1,	0.0,	2.0);	(57.7,	466.2,	0.0,	2.0);
(102.8,	466.3,	0.0,	2.0);	(147.8,	466.4,	0.0,	2.0);
(192.8,	466.6,	0.0,	2.0);	(237.9,	466.7,	0.0,	2.0);
(282.9,	466.8,	0.0,	2.0);	(327.9,	467.0,	0.0,	2.0);
(-112.9,	551.1,	0.0,	2.0);	(-148.2,	536.4,	0.0,	2.0);
(-183.5,	521.7,	0.0,	2.0);	(-233.3,	471.7,	0.0,	2.0);
(-247.9,	436.4,	0.0,	2.0);	(-262.5,	401.1,	0.0,	2.0);

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

(-77.7,	565.8,	0.0,	2.0);	(-32.6,	565.9,	0.0,	2.0);
(12.4,	566.1,	0.0,	2.0);	(57.4,	566.2,	0.0,	2.0);
(102.5,	566.3,	0.0,	2.0);	(147.5,	566.4,	0.0,	2.0);
(192.5,	566.6,	0.0,	2.0);	(237.6,	566.7,	0.0,	2.0);
(282.6,	566.8,	0.0,	2.0);	(327.6,	567.0,	0.0,	2.0);
(-117.7,	849.5,	0.0,	2.0);	(-156.9,	833.2,	0.0,	2.0);
(-196.1,	816.8,	0.0,	2.0);	(-235.2,	800.5,	0.0,	2.0);
(-274.4,	784.2,	0.0,	2.0);	(-313.6,	767.8,	0.0,	2.0);
(-352.8,	751.5,	0.0,	2.0);	(-392.0,	735.2,	0.0,	2.0);
(-447.4,	679.6,	0.0,	2.0);	(-463.6,	640.4,	0.0,	2.0);
(-479.8,	601.2,	0.0,	2.0);	(-496.0,	562.0,	0.0,	2.0);
(-512.2,	522.7,	0.0,	2.0);	(-528.5,	483.5,	0.0,	2.0);
(-544.7,	444.3,	0.0,	2.0);	(-560.9,	405.0,	0.0,	2.0);
(-78.5,	865.8,	0.0,	2.0);	(-33.5,	865.9,	0.0,	2.0);
(11.6,	866.1,	0.0,	2.0);	(56.6,	866.2,	0.0,	2.0);
(101.6,	866.3,	0.0,	2.0);	(146.7,	866.4,	0.0,	2.0);
(191.7,	866.6,	0.0,	2.0);	(236.7,	866.7,	0.0,	2.0);
(281.8,	866.8,	0.0,	2.0);	(326.8,	867.0,	0.0,	2.0);
(-121.4,	1348.5,	0.0,	2.0);	(-162.9,	1331.2,	0.0,	2.0);
(-204.4,	1313.9,	0.0,	2.0);	(-245.9,	1296.7,	0.0,	2.0);
(-287.4,	1279.4,	0.0,	2.0);	(-328.8,	1262.1,	0.0,	2.0);
(-370.3,	1244.8,	0.0,	2.0);	(-411.8,	1227.5,	0.0,	2.0);
(-453.3,	1210.2,	0.0,	2.0);	(-494.8,	1192.9,	0.0,	2.0);
(-536.3,	1175.7,	0.0,	2.0);	(-577.8,	1158.4,	0.0,	2.0);
(-619.3,	1141.1,	0.0,	2.0);	(-660.7,	1123.8,	0.0,	2.0);
(-702.2,	1106.5,	0.0,	2.0);	(-743.7,	1089.2,	0.0,	2.0);
(-802.4,	1030.4,	0.0,	2.0);	(-819.5,	988.8,	0.0,	2.0);
(-836.7,	947.3,	0.0,	2.0);	(-853.9,	905.8,	0.0,	2.0);
(-871.0,	864.2,	0.0,	2.0);	(-888.2,	822.7,	0.0,	2.0);
(-905.4,	781.2,	0.0,	2.0);	(-922.6,	739.6,	0.0,	2.0);
(-939.7,	698.1,	0.0,	2.0);	(-956.9,	656.6,	0.0,	2.0);
(-974.1,	615.0,	0.0,	2.0);	(-991.3,	573.5,	0.0,	2.0);
(-1008.4,	532.0,	0.0,	2.0);	(-1025.6,	490.4,	0.0,	2.0);
(-1042.8,	448.9,	0.0,	2.0);	(-1059.9,	407.4,	0.0,	2.0);
(-79.9,	1365.8,	0.0,	2.0);	(-34.9,	1365.9,	0.0,	2.0);
(10.2,	1366.1,	0.0,	2.0);	(55.2,	1366.2,	0.0,	2.0);
(100.2,	1366.3,	0.0,	2.0);	(145.3,	1366.4,	0.0,	2.0);
(190.3,	1366.6,	0.0,	2.0);	(235.3,	1366.7,	0.0,	2.0);
(280.4,	1366.8,	0.0,	2.0);	(325.4,	1366.9,	0.0,	2.0);
(348.2,	367.0,	0.0,	2.0);	(348.2,	321.7,	0.0,	2.0);
(348.2,	276.4,	0.0,	2.0);	(348.2,	231.1,	0.0,	2.0);
(348.2,	185.9,	0.0,	2.0);	(348.2,	140.6,	0.0,	2.0);
(348.2,	95.3,	0.0,	2.0);	(348.2,	50.0,	0.0,	2.0);
(348.2,	4.8,	0.0,	2.0);	(348.2,	-40.5,	0.0,	2.0);
(378.2,	367.0,	0.0,	2.0);	(378.2,	321.7,	0.0,	2.0);

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

(378.2,	276.4,	0.0,	2.0);	(378.2,	231.1,	0.0,	2.0);
(378.2,	185.9,	0.0,	2.0);	(378.2,	140.6,	0.0,	2.0);
(378.2,	95.3,	0.0,	2.0);	(378.2,	50.0,	0.0,	2.0);
(378.2,	4.8,	0.0,	2.0);	(378.2,	-40.5,	0.0,	2.0);
(413.5,	402.4,	0.0,	2.0);	(363.4,	452.4,	0.0,	2.0);
(428.2,	367.0,	0.0,	2.0);	(428.2,	321.7,	0.0,	2.0);
(428.2,	276.4,	0.0,	2.0);	(428.2,	231.1,	0.0,	2.0);
(428.2,	185.9,	0.0,	2.0);	(428.2,	140.6,	0.0,	2.0);
(428.2,	95.3,	0.0,	2.0);	(428.2,	50.0,	0.0,	2.0);
(428.2,	4.8,	0.0,	2.0);	(428.2,	-40.5,	0.0,	2.0);
(513.5,	402.4,	0.0,	2.0);	(498.8,	437.8,	0.0,	2.0);
(484.1,	473.2,	0.0,	2.0);	(434.0,	523.2,	0.0,	2.0);
(398.5,	537.8,	0.0,	2.0);	(363.1,	552.3,	0.0,	2.0);

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(    528.2,     367.0,       0.0,       2.0);          (    528.2,     321.7,       0.0,       2.0);
(    528.2,     276.4,       0.0,       2.0);          (    528.2,     231.1,       0.0,       2.0);
(    528.2,     185.9,       0.0,       2.0);          (    528.2,     140.6,       0.0,       2.0);
(    528.2,      95.3,       0.0,       2.0);          (    528.2,      50.0,       0.0,       2.0);
(    528.2,       4.8,       0.0,       2.0);          (    528.2,     -40.5,       0.0,       2.0);
(    811.9,     406.3,       0.0,       2.0);          (    795.6,     445.6,       0.0,       2.0);
(    779.2,     485.0,       0.0,       2.0);          (    762.9,     524.3,       0.0,       2.0);
(    746.6,     563.6,       0.0,       2.0);          (    730.3,     603.0,       0.0,       2.0);
(    713.9,     642.3,       0.0,       2.0);          (    697.6,     681.7,       0.0,       2.0);
(    641.9,     737.2,       0.0,       2.0);          (    602.5,     753.4,       0.0,       2.0);
(    563.1,     769.7,       0.0,       2.0);          (    523.7,     785.9,       0.0,       2.0);
(    484.3,     802.1,       0.0,       2.0);          (    445.0,     818.3,       0.0,       2.0);
(    405.6,     834.5,       0.0,       2.0);          (    366.2,     850.7,       0.0,       2.0);
(    828.2,     367.0,       0.0,       2.0);          (    828.2,     321.7,       0.0,       2.0);
(    828.2,     276.4,       0.0,       2.0);          (    828.2,     231.1,       0.0,       2.0);
(    828.2,     185.9,       0.0,       2.0);          (    828.2,     140.6,       0.0,       2.0);
(    828.2,      95.3,       0.0,       2.0);          (    828.2,      50.0,       0.0,       2.0);
(    828.2,       4.8,       0.0,       2.0);          (    828.2,     -40.5,       0.0,       2.0);
(   1310.9,     408.6,       0.0,       2.0);          (   1293.6,     450.3,       0.0,       2.0);
(   1276.3,     491.9,       0.0,       2.0);          (   1259.1,     533.6,       0.0,       2.0);
(   1241.8,     575.2,       0.0,       2.0);          (   1224.5,     616.9,       0.0,       2.0);
(   1207.2,     658.5,       0.0,       2.0);          (   1189.9,     700.2,       0.0,       2.0);
(   1172.6,     741.8,       0.0,       2.0);          (   1155.3,     783.5,       0.0,       2.0);
(   1138.1,     825.1,       0.0,       2.0);          (   1120.8,     866.8,       0.0,       2.0);
(   1103.5,     908.4,       0.0,       2.0);          (   1086.2,     950.1,       0.0,       2.0);
(   1068.9,     991.7,       0.0,       2.0);          (   1051.6,    1033.4,       0.0,       2.0);
(    992.6,    1092.2,       0.0,       2.0);          (    950.9,    1109.4,       0.0,       2.0);
(    909.2,    1126.6,       0.0,       2.0);          (    867.5,    1143.7,       0.0,       2.0);
(    825.8,    1160.9,       0.0,       2.0);          (    784.1,    1178.1,       0.0,       2.0);
(    742.4,    1195.2,       0.0,       2.0);          (    700.7,    1212.4,       0.0,       2.0);
(    659.0,    1229.6,       0.0,       2.0);          (    617.3,    1246.8,       0.0,       2.0);
(    575.6,    1263.9,       0.0,       2.0);          (    533.9,    1281.1,       0.0,       2.0);
 *** ISCST3 - VERSION 02035 ***    *** UNIVERSITY HILLS LST                                          ***        12/12/07
                                   *** NOX                                                           ***        13:19:19
**MODELOPTs:                                                                                                    PAGE  23
CONC                    URBAN FLAT  FLGPOL                              NOCALM
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                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                          (X-COORD, Y-COORD, ZELEV, ZFLAG)
                                                   (METERS)

(    492.2,    1298.3,       0.0,       2.0);          (    450.5,    1315.4,       0.0,       2.0);
(    408.8,    1332.6,       0.0,       2.0);          (    367.1,    1349.8,       0.0,       2.0);
(   1328.2,     367.0,       0.0,       2.0);          (   1328.2,     321.7,       0.0,       2.0);
(   1328.2,     276.4,       0.0,       2.0);          (   1328.2,     231.1,       0.0,       2.0);
(   1328.2,     185.9,       0.0,       2.0);          (   1328.2,     140.6,       0.0,       2.0);
(   1328.2,      95.3,       0.0,       2.0);          (   1328.2,      50.0,       0.0,       2.0);
(   1328.2,       4.8,       0.0,       2.0);          (   1328.2,     -40.5,       0.0,       2.0);
(    -77.1,     365.8,       0.0,       2.0);          (    -77.1,     -40.5,       0.0,       2.0);
(    328.2,     -40.5,       0.0,       2.0);          (    328.2,     367.0,       0.0,       2.0);
 *** ISCST3 - VERSION 02035 ***    *** UNIVERSITY HILLS LST                                          ***        12/12/07
                                   *** NOX                                                           ***        13:19:19
**MODELOPTs:                                                                                                    PAGE  24
CONC                    URBAN FLAT  FLGPOL                              NOCALM
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                                        *** 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
```

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

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                                        *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
                                                   (METERS/SEC)

                                                1.54,   3.09,   5.14,   8.23,  10.80,

                                                *** WIND PROFILE EXPONENTS ***
```

STABILITY CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00
D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00
E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00
F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00

```
                                        *** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
                                                (DEGREES KELVIN PER METER)
```

STABILITY CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

```
 *** ISCST3 - VERSION 02035 ***    *** UNIVERSITY HILLS LST                                          ***        12/12/07
                                   *** NOX                                                           ***        13:19:19
**MODELOPTs:                                                                                                    PAGE  25
CONC                    URBAN FLAT  FLGPOL                              NOCALM

                        *** THE FIRST  24 HOURS OF METEOROLOGICAL DATA ***
```

FILE: REDLANDS.ASC
FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
SURFACE STATION NO.: 54161 UPPER AIR STATION NO.: 99999
NAME: REDLANDS NAME: UNKNOWN
YEAR: 1981 YEAR: 1981

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M) RURAL	MIXING HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
81	01	01	01	292.3	1.00	284.3	7	522.6	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	02	282.4	0.00	284.3	7	507.0	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	03	287.5	0.00	283.1	7	491.4	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	04	301.0	0.00	283.1	7	475.8	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	05	286.5	0.00	282.6	7	460.3	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	06	297.0	0.00	283.1	7	444.7	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	07	297.0	0.00	285.4	6	1.4	170.7	0.0000	0.0	0.0000	0	0.00
81	01	01	08	314.6	1.00	287.6	5	47.0	192.0	0.0000	0.0	0.0000	0	0.00
81	01	01	09	299.0	1.00	289.8	4	92.5	213.3	0.0000	0.0	0.0000	0	0.00
81	01	01	10	54.2	1.34	291.5	3	138.0	234.7	0.0000	0.0	0.0000	0	0.00
81	01	01	11	89.1	1.79	294.3	3	183.5	256.0	0.0000	0.0	0.0000	0	0.00
81	01	01	12	103.1	1.34	297.6	2	229.0	277.3	0.0000	0.0	0.0000	0	0.00
81	01	01	13	87.2	1.34	298.7	2	274.5	298.7	0.0000	0.0	0.0000	0	0.00
81	01	01	14	124.2	1.79	299.8	3	320.0	320.0	0.0000	0.0	0.0000	0	0.00
81	01	01	15	134.8	2.24	299.3	3	320.0	320.0	0.0000	0.0	0.0000	0	0.00
81	01	01	16	98.2	2.24	298.7	4	320.0	320.0	0.0000	0.0	0.0000	0	0.00
81	01	01	17	110.1	2.24	295.4	5	325.6	318.5	0.0000	0.0	0.0000	0	0.00
81	01	01	18	210.1	1.00	291.5	6	357.2	310.3	0.0000	0.0	0.0000	0	0.00
81	01	01	19	268.0	1.00	289.8	7	388.8	302.1	0.0000	0.0	0.0000	0	0.00
81	01	01	20	303.2	1.00	287.0	7	420.4	293.9	0.0000	0.0	0.0000	0	0.00
81	01	01	21	291.1	1.34	286.5	7	452.0	285.7	0.0000	0.0	0.0000	0	0.00
81	01	01	22	294.5	1.34	287.0	7	483.5	277.4	0.0000	0.0	0.0000	0	0.00
81	01	01	23	293.2	0.00	285.9	7	515.1	269.2	0.0000	0.0	0.0000	0	0.00
81	01	01	24	292.2	0.00	285.4	7	546.7	261.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL8 , VOL9 ,
VOL10 , VOL11 , VOL12 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
328.21	-60.51	5.56048	283.18	-60.51	5.42740
238.14	-60.51	5.16402	193.11	-60.51	4.82183
148.07	-60.51	4.37713	103.04	-60.51	3.82144
58.00	-60.51	3.17215	12.97	-60.51	2.37530
-32.07	-60.51	1.30649	-77.10	-60.51	0.44765
328.21	-90.51	3.41894	283.18	-90.51	3.26323
238.14	-90.51	3.03997	193.11	-90.51	2.76043
148.07	-90.51	2.42121	103.04	-90.51	2.02194
58.00	-90.51	1.55273	12.97	-90.51	1.03786
-32.07	-90.51	0.55371	-77.10	-90.51	0.30595
363.57	-125.87	2.26370	413.57	-75.87	3.55735
328.21	-140.51	1.86520	283.18	-140.51	1.71990
238.14	-140.51	1.54124	193.11	-140.51	1.33753
148.07	-140.51	1.11322	103.04	-140.51	0.87586
58.00	-140.51	0.63910	12.97	-140.51	0.42767
-32.07	-140.51	0.27519	-77.10	-140.51	0.19545
363.57	-225.87	0.89648	398.92	-211.22	1.06574
434.28	-196.58	1.23133	484.28	-146.58	1.75389
498.92	-111.22	2.16123	513.57	-75.87	2.54068
328.21	-240.51	0.73657	283.18	-240.51	0.64987
238.14	-240.51	0.55791	193.11	-240.51	0.46522
148.07	-240.51	0.37622	103.04	-240.51	0.29511
58.00	-240.51	0.22581	12.97	-240.51	0.17152
-32.07	-240.51	0.13346	-77.10	-240.51	0.10884
367.49	-524.24	0.15359	406.78	-507.97	0.18105
446.06	-491.69	0.21157	485.34	-475.42	0.24482
524.63	-459.15	0.28038	563.91	-442.88	0.31766
603.20	-426.61	0.35592	642.48	-410.34	0.39427
698.04	-354.78	0.51511	714.31	-315.50	0.60960
730.58	-276.21	0.71198	746.85	-236.93	0.81723
763.12	-197.64	0.91923	779.39	-158.36	1.01153
795.67	-119.08	1.08852	811.94	-79.79	1.14588
328.21	-540.51	0.12939	283.18	-540.51	0.11387
238.14	-540.51	0.09927	193.11	-540.51	0.08588
148.07	-540.51	0.07394	103.04	-540.51	0.06363
58.00	-540.51	0.05502	12.97	-540.51	0.04811
-32.07	-540.51	0.04269	-77.10	-540.51	0.03844
369.80	-1023.28	0.03375	411.40	-1006.05	0.03805
452.99	-988.82	0.04285	494.59	-971.59	0.04813
536.18	-954.36	0.05384	577.78	-937.14	0.05994

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL8 , VOL9 ,
VOL10 , VOL11 , VOL12 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
619.37	-919.91	0.06637	660.97	-902.68	0.07308

702.56	-885.45	0.08001	744.16	-868.22	0.08713
785.75	-850.99	0.09443	827.34	-833.76	0.10192
868.94	-816.53	0.10965	910.53	-799.30	0.11766
952.13	-782.07	0.12601	993.72	-764.85	0.13470
1052.55	-706.02	0.16239	1069.77	-664.43	0.18350
1087.00	-622.83	0.20694	1104.23	-581.24	0.23241
1121.46	-539.64	0.25940	1138.69	-498.05	0.28720
1155.92	-456.46	0.31499	1173.15	-414.86	0.34194
1190.38	-373.27	0.36715	1207.61	-331.67	0.38991
1224.84	-290.08	0.40956	1242.06	-248.48	0.42570
1259.29	-206.89	0.43803	1276.52	-165.29	0.44646
1293.75	-123.70	0.45101	1310.98	-82.10	0.45182
328.21	-1040.51	0.02996	283.18	-1040.51	0.02740
238.14	-1040.51	0.02508	193.11	-1040.51	0.02301
148.07	-1040.51	0.02119	103.04	-1040.51	0.01959
58.00	-1040.51	0.01819	12.97	-1040.51	0.01696
-32.07	-1040.51	0.01586	-77.10	-1040.51	0.01487
-97.10	-40.51	0.52174	-97.10	4.64	1.03558
-97.10	49.78	1.38124	-97.10	94.93	1.60656
-97.10	140.08	1.75617	-97.10	185.22	1.86283
-97.10	230.37	1.91536	-97.10	275.52	1.92961
-97.10	320.66	1.89160	-97.10	365.81	1.68554
-127.10	-40.51	0.39699	-127.10	4.64	0.66807
-127.10	49.78	0.90078	-127.10	94.93	1.07116
-127.10	140.08	1.19652	-127.10	185.22	1.28703
-127.10	230.37	1.34344	-127.10	275.52	1.36889
-127.10	320.66	1.34838	-127.10	365.81	1.22200
-162.46	-75.87	0.21588	-112.46	-125.87	0.17973
-177.10	-40.51	0.28150	-177.10	4.64	0.41208
-177.10	49.78	0.54436	-177.10	94.93	0.65871
-177.10	140.08	0.75002	-177.10	185.22	0.81917
-177.10	230.37	0.86697	-177.10	275.52	0.89170
-177.10	320.66	0.88350	-177.10	365.81	0.82299
-262.46	-75.87	0.14686	-247.81	-111.22	0.12125
-233.17	-146.58	0.10267	-183.17	-196.58	0.09298
-147.81	-211.22	0.09680	-112.46	-225.87	0.10192
-277.10	-40.51	0.17617	-277.10	4.64	0.22939
-277.10	49.78	0.28535	-277.10	94.93	0.34039
-277.10	140.08	0.39112	-277.10	185.22	0.43428

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL8 , VOL9 ,
VOL10 , VOL11 , VOL12 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-277.10	230.37	0.46712	-277.10	275.52	0.48628
-277.10	320.66	0.48767	-277.10	365.81	0.47065
-560.83	-79.79	0.06854	-544.56	-119.08	0.05985
-528.28	-158.36	0.05198	-512.01	-197.64	0.04551
-495.74	-236.93	0.04060	-479.47	-276.21	0.03708
-463.20	-315.50	0.03457	-446.93	-354.78	0.03267
-391.37	-410.34	0.03194	-352.09	-426.61	0.03264
-312.80	-442.88	0.03315	-273.52	-459.15	0.03360
-234.23	-475.42	0.03412	-194.95	-491.69	0.03482
-155.67	-507.97	0.03575	-116.38	-524.24	0.03694
-577.10	-40.51	0.07735	-577.10	4.64	0.09040
-577.10	49.78	0.10354	-577.10	94.93	0.11632
-577.10	140.08	0.12822	-577.10	185.22	0.13869
-577.10	230.37	0.14713	-577.10	275.52	0.15316
-577.10	320.66	0.15677	-577.10	365.81	0.15828
-1059.87	-82.10	0.03395	-1042.64	-123.70	0.03116
-1025.41	-165.29	0.02828	-1008.18	-206.89	0.02544
-990.95	-248.48	0.02278	-973.73	-290.08	0.02041
-956.50	-331.67	0.01838	-939.27	-373.27	0.01672
-922.04	-414.86	0.01541	-904.81	-456.46	0.01441
-887.58	-498.05	0.01369	-870.35	-539.64	0.01319
-853.12	-581.24	0.01286	-835.89	-622.83	0.01264
-818.66	-664.43	0.01249	-801.44	-706.02	0.01234
-742.61	-764.85	0.01249	-701.02	-782.07	0.01271
-659.42	-799.30	0.01281	-617.83	-816.53	0.01279
-576.23	-833.76	0.01268	-534.64	-850.99	0.01252
-493.05	-868.22	0.01236	-451.45	-885.45	0.01223
-409.86	-902.68	0.01218	-368.26	-919.91	0.01223
-326.67	-937.14	0.01238	-285.07	-954.36	0.01264
-243.48	-971.59	0.01299	-201.88	-988.82	0.01341
-160.29	-1006.05	0.01387	-118.69	-1023.28	0.01436
-1077.10	-40.51	0.03650	-1077.10	4.64	0.03979
-1077.10	49.78	0.04280	-1077.10	94.93	0.04546
-1077.10	140.08	0.04773	-1077.10	185.22	0.04960
-1077.10	230.37	0.05109	-1077.10	275.52	0.05226
-1077.10	320.66	0.05315	-1077.10	365.81	0.05384
-77.16	385.81	1.78684	-32.12	385.94	2.70135
12.91	386.06	3.55335	57.95	386.19	4.16003
102.98	386.32	4.58998	148.02	386.44	4.89133
193.05	386.57	5.06486	238.08	386.70	5.10070

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL8 , VOL9 ,
VOL10 , VOL11 , VOL12 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
283.12	386.82	4.96173	328.15	386.95	4.51079

-77.24	415.81	1.34859	-32.21	415.94	1.77215
12.83	416.06	2.20254	57.86	416.19	2.57251
102.90	416.32	2.86300	147.93	416.44	3.07418
192.97	416.57	3.20508	238.00	416.70	3.24732
283.03	416.82	3.17589	328.07	416.95	2.95865
-112.65	451.12	0.86154	-162.51	401.12	0.81481
-77.38	465.81	0.94074	-32.35	465.94	1.12522
12.69	466.06	1.30860	57.72	466.19	1.48442
102.76	466.32	1.63751	147.79	466.44	1.75785
192.83	466.57	1.83803	237.86	466.70	1.87167
282.89	466.82	1.84948	327.93	466.95	1.77047
-112.93	551.11	0.53326	-148.19	536.42	0.50200
-183.46	521.73	0.46862	-233.32	471.73	0.45968
-247.91	436.42	0.47464	-262.51	401.12	0.47829
-77.66	565.81	0.55588	-32.63	565.94	0.62014
12.41	566.06	0.67864	57.44	566.19	0.73410
102.48	566.32	0.78575	147.51	566.44	0.83026
192.54	566.57	0.86311	237.58	566.70	0.87977
282.61	566.82	0.87838	327.65	566.95	0.86408
-117.69	849.48	0.20389	-156.87	833.15	0.19826
-196.05	816.83	0.19139	-235.24	800.50	0.18424
-274.42	784.17	0.17761	-313.60	767.85	0.17188
-352.78	751.52	0.16699	-391.97	735.19	0.16252
-447.37	679.64	0.16569	-463.58	640.41	0.17211
-479.80	601.18	0.17660	-496.02	561.95	0.17881
-512.23	522.72	0.17867	-528.45	483.50	0.17624
-544.67	444.27	0.17178	-560.88	405.04	0.16567
-78.51	865.81	0.20753	-33.47	865.93	0.21880
11.56	866.06	0.22776	56.60	866.19	0.23437
101.63	866.31	0.23879	146.67	866.44	0.24124
191.70	866.57	0.24200	236.73	866.69	0.24158
281.77	866.82	0.24064	326.80	866.95	0.23995
-121.40	1348.52	0.08244	-162.89	1331.23	0.08176
-204.38	1313.94	0.08043	-245.86	1296.66	0.07856
-287.35	1279.37	0.07630	-328.84	1262.08	0.07385
-370.33	1244.79	0.07137	-411.81	1227.51	0.06905
-453.30	1210.22	0.06699	-494.79	1192.93	0.06528
-536.28	1175.65	0.06396	-577.76	1158.36	0.06301
-619.25	1141.07	0.06239	-660.74	1123.78	0.06202

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL8 , VOL9 ,
VOL10 , VOL11 , VOL12 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-702.23	1106.50	0.06180	-743.71	1089.21	0.06160
-802.37	1030.39	0.06389	-819.54	988.85	0.06620
-836.71	947.31	0.06811	-853.88	905.78	0.06951
-871.05	864.24	0.07034	-888.22	822.71	0.07060
-905.39	781.17	0.07034	-922.56	739.63	0.06963
-939.74	698.10	0.06855	-956.91	656.56	0.06718
-974.08	615.03	0.06558	-991.25	573.49	0.06380
-1008.42	531.95	0.06191	-1025.59	490.42	0.05994
-1042.76	448.88	0.05793	-1059.93	407.35	0.05589
-79.91	1365.81	0.08240	-34.88	1365.93	0.08382
10.16	1366.06	0.08451	55.19	1366.19	0.08452
100.23	1366.31	0.08393	145.26	1366.44	0.08288
190.29	1366.57	0.08156	235.33	1366.69	0.08017
280.36	1366.82	0.07887	325.40	1366.95	0.07780
348.21	366.95	5.94274	348.21	321.68	10.12043
348.21	276.40	11.80534	348.21	231.13	12.58221
348.21	185.86	12.92165	348.21	140.58	12.95852
348.21	95.31	12.64677	348.21	50.04	12.02057
348.21	4.76	10.78868	348.21	-40.51	7.62763
378.21	366.95	4.69709	378.21	321.68	7.15374
378.21	276.40	8.54431	378.21	231.13	9.23069
378.21	185.86	9.55478	378.21	140.58	9.61930
378.21	95.31	9.42867	378.21	50.04	8.96510
378.21	4.76	8.00521	378.21	-40.51	5.98361
413.52	402.36	2.67630	363.37	452.35	1.91913
428.21	366.95	3.41199	428.21	321.68	4.67446
428.21	276.40	5.64851	428.21	231.13	6.23952
428.21	185.86	6.54420	428.21	140.58	6.62723
428.21	95.31	6.50515	428.21	50.04	6.15561
428.21	4.76	5.48690	428.21	-40.51	4.39246
513.52	402.36	1.86260	498.82	437.76	1.56954
484.13	473.17	1.30749	433.99	523.16	1.04497
398.54	537.76	0.98957	363.09	552.35	0.92712
528.21	366.95	2.15356	528.21	321.68	2.66903
528.21	276.40	3.13887	528.21	231.13	3.50085
528.21	185.86	3.73047	528.21	140.58	3.82545
528.21	95.31	3.78753	528.21	50.04	3.61236
528.21	4.76	3.29057	528.21	-40.51	2.83527
811.88	406.29	0.82356	795.56	445.63	0.75429
779.23	484.97	0.68402	762.90	524.31	0.61660

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL8 , VOL9 ,
VOL10 , VOL11 , VOL12 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
746.57	563.64	0.55435	730.25	602.98	0.49790

713.92	642.32	0.44696	697.59	681.66	0.40103
641.88	737.22	0.35151	602.50	753.43	0.34112
563.11	769.65	0.32856	523.73	785.87	0.31415
484.34	802.08	0.29852	444.96	818.30	0.28250
405.57	834.52	0.26700	366.19	850.73	0.25271
828.21	366.95	0.88723	828.21	321.68	0.99346
828.21	276.40	1.09340	828.21	231.13	1.18051
828.21	185.86	1.24880	828.21	140.58	1.29282
828.21	95.31	1.30849	828.21	50.04	1.29381
828.21	4.76	1.24982	828.21	-40.51	1.18062
1310.92	408.60	0.35076	1293.63	450.26	0.33429
1276.35	491.91	0.31649	1259.06	533.56	0.29813
1241.77	575.21	0.27989	1224.48	616.87	0.26231
1207.20	658.52	0.24578	1189.91	700.17	0.23045
1172.62	741.83	0.21630	1155.33	783.48	0.20321
1138.05	825.13	0.19099	1120.76	866.79	0.17947
1103.47	908.44	0.16856	1086.18	950.09	0.15817
1068.90	991.74	0.14829	1051.61	1033.40	0.13891
992.62	1092.22	0.12821	950.92	1109.39	0.12605
909.22	1126.56	0.12357	867.52	1143.73	0.12077
825.81	1160.90	0.11763	784.11	1178.07	0.11417
742.41	1195.24	0.11042	700.71	1212.41	0.10644
659.01	1229.58	0.10232	617.31	1246.75	0.09818
575.61	1263.92	0.09415	533.90	1281.09	0.09035
492.20	1298.26	0.08690	450.50	1315.44	0.08390
408.80	1332.61	0.08139	367.10	1349.78	0.07937
1328.21	366.95	0.36519	1328.21	321.68	0.38809
1328.21	276.40	0.40874	1328.21	231.13	0.42639
1328.21	185.86	0.44042	1328.21	140.58	0.45044
1328.21	95.31	0.45622	1328.21	50.04	0.45779
1328.21	4.76	0.45529	1328.21	-40.51	0.44904
-77.10	365.81	2.19672	-77.10	-40.51	0.61910
328.21	-40.51	8.42700	328.21	366.95	6.64513

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL8 , VOL9 ,
VOL10 , VOL11 , VOL12 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
328.21	-60.51	119.06920	(81042509)	283.18	-60.51	113.09293	(81042509)
238.14	-60.51	105.32962	(81042509)	193.11	-60.51	96.96371	(81032909)
148.07	-60.51	98.90689	(81021110)	103.04	-60.51	103.23195	(81122716)
58.00	-60.51	107.99219	(81122716)	12.97	-60.51	118.46691	(81122716)
-32.07	-60.51	126.31425	(81122716)	-77.10	-60.51	131.43106	(81122716)
328.21	-90.51	85.27602	(81042509)	283.18	-90.51	79.48166	(81022809)
238.14	-90.51	78.63008	(81021111)	193.11	-90.51	78.26759	(81021110)
148.07	-90.51	79.07687	(81021110)	103.04	-90.51	79.07294	(81021110)
58.00	-90.51	84.87572	(81122716)	12.97	-90.51	91.96090	(81122716)
-32.07	-90.51	97.60538	(81122716)	-77.10	-90.51	101.60683	(81122716)
363.57	-125.87	65.42075	(81042509)	413.57	-75.87	85.00655	(81042509)
328.21	-140.51	61.19516	(81040109)	283.18	-140.51	61.49976	(81021111)
238.14	-140.51	61.40783	(81032915)	193.11	-140.51	61.18062	(81012715)
148.07	-140.51	61.15072	(81021110)	103.04	-140.51	61.31631	(81021110)
58.00	-140.51	61.33420	(81031609)	12.97	-140.51	61.81110	(81122716)
-32.07	-140.51	67.99405	(81122716)	-77.10	-140.51	72.85627	(81122716)
363.57	-225.87	44.29192	(81040109)	398.92	-211.22	44.86558	(81020911)
434.28	-196.58	44.46820	(81042309)	484.28	-146.58	58.02067	(81042509)
498.92	-111.22	60.08067	(81042509)	513.57	-75.87	59.43943	(81122713)
328.21	-240.51	43.08475	(81021111)	283.18	-240.51	43.45290	(81022709)
238.14	-240.51	43.51372	(81012715)	193.11	-240.51	42.94418	(81012715)
148.07	-240.51	43.26686	(81021110)	103.04	-240.51	43.60607	(81021110)
58.00	-240.51	43.51315	(81031609)	12.97	-240.51	43.49956	(81031609)
-32.07	-240.51	43.43797	(81032309)	-77.10	-240.51	43.08289	(81030609)
367.49	-524.24	23.24408	(81022709)	406.78	-507.97	23.52097	(81021111)
446.06	-491.69	23.67760	(81022809)	485.34	-475.42	23.75343	(81040109)
524.63	-459.15	23.67966	(81050210)	563.91	-442.88	23.46520	(81032910)
603.20	-426.61	23.07323	(81042309)	642.48	-410.34	22.43711	(81020814)
698.04	-354.78	26.25154	(81042509)	714.31	-315.50	29.76462	(81042509)
730.58	-276.21	31.44945	(81042509)	746.85	-236.93	31.02496	(81042509)
763.12	-197.64	31.86295	(81122713)	779.39	-158.36	31.00448	(81122713)
795.67	-119.08	28.52654	(81122713)	811.94	-79.79	28.41269	(81051510)
328.21	-540.51	22.92044	(81032914)	283.18	-540.51	22.96914	(81012715)
238.14	-540.51	22.04131	(81012715)	193.11	-540.51	20.70238	(81021110)
148.07	-540.51	22.62212	(81021110)	103.04	-540.51	23.43911	(81021110)
58.00	-540.51	23.42022	(81032909)	12.97	-540.51	23.25810	(81031609)
-32.07	-540.51	22.95342	(81031609)	-77.10	-540.51	22.88842	(81032309)
369.80	-1023.28	11.56693	(81012715)	411.40	-1006.05	12.01051	(81012715)
452.99	-988.82	12.10746	(81032914)	494.59	-971.59	12.19514	(81022709)
536.18	-954.36	12.11331	(81021111)	577.78	-937.14	12.26494	(81021111)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL8 , VOL9 ,
VOL10 , VOL11 , VOL12 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
619.37	-919.91	12.29425	(81022809)	660.97	-902.68	12.06680	(81022809)
702.56	-885.45	12.24478	(81040109)	744.16	-868.22	12.17359	(81032911)
785.75	-850.99	12.09076	(81020911)	827.34	-833.76	11.97830	(81022812)
868.94	-816.53	11.84312	(81042511)	910.53	-799.30	11.68067	(81042309)
952.13	-782.07	11.45758	(81020814)	993.72	-764.85	10.98871	(81030510)
1052.55	-706.02	11.19965	(81030510)	1069.77	-664.43	12.59602	(81042509)
1087.00	-622.83	14.29225	(81042509)	1104.23	-581.24	15.50082	(81042509)

1121.46	-539.64	16.05626	(81042509)	1138.69	-498.05	15.87474	(81042509)
1155.92	-456.46	15.86056	(81122713)	1173.15	-414.86	16.41218	(81122713)
1190.38	-373.27	16.18131	(81122713)	1207.61	-331.67	15.20983	(81122713)
1224.84	-290.08	13.63419	(81122713)	1242.06	-248.48	12.20546	(81112409)
1259.29	-206.89	13.95594	(81051510)	1276.52	-165.29	15.27964	(81051510)
1293.75	-123.70	15.95445	(81051510)	1310.98	-82.10	15.92858	(81051510)
328.21	-1040.51	10.93282	(81011115)	283.18	-1040.51	10.68762	(81011115)
238.14	-1040.51	10.00424	(81011115)	193.11	-1040.51	10.01705	(81021110)
148.07	-1040.51	11.11140	(81021110)	103.04	-1040.51	11.77345	(81021110)
58.00	-1040.51	11.93263	(81021110)	12.97	-1040.51	11.85569	(81032909)
-32.07	-1040.51	11.50413	(81031609)	-77.10	-1040.51	11.75371	(81031609)
-97.10	-40.51	126.88170	(81122716)	-97.10	4.64	125.70024	(81120509)
-97.10	49.78	123.98717	(81120509)	-97.10	94.93	128.19704	(81123009)
-97.10	140.08	131.42201	(81111909)	-97.10	185.22	131.75278	(81121509)
-97.10	230.37	129.50011	(81122609)	-97.10	275.52	124.81107	(81122509)
-97.10	320.66	127.22771	(81010109)	-97.10	365.81	130.74463	(81112009)
-127.10	-40.51	103.02435	(81120509)	-127.10	4.64	105.43556	(81120509)
-127.10	49.78	104.74790	(81120509)	-127.10	94.93	104.33283	(81122609)
-127.10	140.08	105.75405	(81010209)	-127.10	185.22	105.87550	(81123009)
-127.10	230.37	104.66663	(81123009)	-127.10	275.52	104.55363	(81120709)
-127.10	320.66	105.55052	(81051610)	-127.10	365.81	105.68104	(81022009)
-162.46	-75.87	77.39165	(81122716)	-112.46	-125.87	81.99812	(81122716)
-177.10	-40.51	80.69229	(81120509)	-177.10	4.64	82.00174	(81120509)
-177.10	49.78	81.96813	(81123013)	-177.10	94.93	82.02377	(81012009)
-177.10	140.08	82.23780	(81122609)	-177.10	185.22	82.23653	(81123009)
-177.10	230.37	82.02325	(81121909)	-177.10	275.52	81.96912	(81120809)
-177.10	320.66	82.03265	(81011509)	-177.10	365.81	81.56056	(81011009)
-262.46	-75.87	57.20430	(81120509)	-247.81	-111.22	50.56567	(81120509)
-233.17	-146.58	55.14366	(81122716)	-183.17	-196.58	58.51841	(81122716)
-147.81	-211.22	54.52586	(81122716)	-112.46	-225.87	47.91922	(81122716)
-277.10	-40.51	57.62223	(81120509)	-277.10	4.64	57.94206	(81123013)
-277.10	49.78	58.29862	(81012009)	-277.10	94.93	58.42588	(81121409)
-277.10	140.08	58.49691	(81010209)	-277.10	185.22	58.49450	(81111909)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL8 , VOL9 ,
VOL10 , VOL11 , VOL12 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
-277.10	230.37	58.39809	(81122709)	-277.10	275.52	58.29978	(81011709)
-277.10	320.66	58.11035	(81112809)	-277.10	365.81	57.52801	(81120709)
-560.83	-79.79	30.32148	(81120509)	-544.56	-119.08	31.49700	(81120509)
-528.28	-158.36	30.92088	(81120509)	-512.01	-197.64	28.31199	(81120509)
-495.74	-236.93	23.87445	(81120509)	-479.47	-276.21	23.33760	(81010809)
-463.20	-315.50	25.43045	(81122716)	-446.93	-354.78	28.08498	(81122716)
-391.37	-410.34	30.17137	(81122716)	-352.09	-426.61	29.30250	(81122716)
-312.80	-442.88	26.72464	(81122716)	-273.52	-459.15	23.60817	(81020910)
-234.23	-475.42	23.25733	(81030712)	-194.95	-491.69	23.65718	(81030712)
-155.67	-507.97	23.35843	(81030609)	-116.38	-524.24	22.90858	(81032309)
-577.10	-40.51	30.66994	(81123013)	-577.10	4.64	31.02610	(81012009)
-577.10	49.78	31.27416	(81121409)	-577.10	94.93	31.35048	(81111209)
-577.10	140.08	31.46979	(81010209)	-577.10	185.22	31.45039	(81111909)
-577.10	230.37	31.40585	(81123009)	-577.10	275.52	31.05220	(81121909)
-577.10	320.66	30.87161	(81011709)	-577.10	365.81	30.66192	(81020209)
-1059.87	-82.10	17.17142	(81012009)	-1042.64	-123.70	16.91444	(81120309)
-1025.41	-165.29	16.61836	(81120309)	-1008.18	-206.89	15.59078	(81120309)
-990.95	-248.48	16.11374	(81120509)	-973.73	-290.08	16.45005	(81120509)
-956.50	-331.67	16.01110	(81120509)	-939.27	-373.27	14.83351	(81120509)
-922.04	-414.86	13.05911	(81120509)	-904.81	-456.46	11.50760	(81010809)
-887.58	-498.05	11.99018	(81010809)	-870.35	-539.64	11.91898	(81010809)
-853.12	-581.24	11.30704	(81010809)	-835.89	-622.83	11.41292	(81122716)
-818.66	-664.43	12.92644	(81122716)	-801.44	-706.02	14.02065	(81122716)
-742.61	-764.85	15.15693	(81122716)	-701.02	-782.07	15.11138	(81122716)
-659.42	-799.30	14.43677	(81122716)	-617.83	-816.53	13.19770	(81122716)
-576.23	-833.76	11.68864	(81020910)	-534.64	-850.99	12.08092	(81020910)
-493.05	-868.22	11.90990	(81020910)	-451.45	-885.45	11.75598	(81030712)
-409.86	-902.68	12.24851	(81030712)	-368.26	-919.91	12.25035	(81030609)
-326.67	-937.14	12.17372	(81030609)	-285.07	-954.36	11.54105	(81030609)
-243.48	-971.59	11.98388	(81032309)	-201.88	-988.82	12.10801	(81032309)
-160.29	-1006.05	11.69351	(81032309)	-118.69	-1023.28	11.73246	(81031609)
-1077.10	-40.51	16.91075	(81012009)	-1077.10	4.64	16.34718	(81121409)
-1077.10	49.78	15.88169	(81111209)	-1077.10	94.93	15.97672	(81122609)
-1077.10	140.08	16.00149	(81010709)	-1077.10	185.22	15.97973	(81121509)
-1077.10	230.37	15.95642	(81111909)	-1077.10	275.52	15.91917	(81123009)
-1077.10	320.66	15.74965	(81122709)	-1077.10	365.81	15.67655	(81121909)
-77.16	385.81	129.08206	(81121709)	-32.12	385.94	124.88811	(81121709)
12.91	386.06	122.76911	(81110209)	57.95	386.19	126.08239	(81111609)
102.98	386.32	128.03909	(81092909)	148.02	386.44	127.69175	(81110409)
193.05	386.57	125.28870	(81022209)	238.08	386.70	122.95798	(81021010)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL8 , VOL9 ,
VOL10 , VOL11 , VOL12 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
283.12	386.82	124.95367	(81022309)	328.15	386.95	128.26564	(81022309)
-77.24	415.81	104.19868	(81110209)	-32.21	415.94	103.95699	(81111309)
12.83	416.06	103.04747	(81111309)	57.86	416.19	102.82325	(81110409)
102.90	416.32	103.40419	(81121310)	147.93	416.44	103.27265	(81110409)
192.97	416.57	102.43983	(81092909)	238.00	416.70	102.75801	(81052910)
283.03	416.82	103.67341	(81081809)	328.07	416.95	103.64442	(81021010)
-112.65	451.12	83.36116	(81121709)	-162.51	401.12	83.97831	(81112009)

-77.38	465.81	79.97015	(81111309)	-32.35	465.94	81.13706	(81011409)
12.69	466.06	80.97309	(81011909)	57.72	466.19	80.83801	(81121809)
102.76	466.32	80.73011	(81110409)	147.79	466.44	80.66600	(81092909)
192.83	466.57	80.67095	(81111609)	237.86	466.70	80.22360	(81052910)
282.89	466.82	80.81770	(81052910)	327.93	466.95	80.33162	(81081809)
-112.93	551.11	57.33163	(81110209)	-148.19	536.42	59.41846	(81110209)
-183.46	521.73	58.81753	(81122909)	-233.32	471.73	59.02843	(81122712)
-247.91	436.42	59.71148	(81121609)	-262.51	401.12	59.06627	(81011009)
-77.66	565.81	57.15919	(81111309)	-32.63	565.94	57.63113	(81122309)
12.41	566.06	57.76443	(81122715)	57.44	566.19	57.78579	(81022209)
102.48	566.32	57.72155	(81110409)	147.51	566.44	57.67320	(81092909)
192.54	566.57	57.72353	(81111609)	237.58	566.70	57.10086	(81111609)
282.61	566.82	56.98297	(81052910)	327.65	566.95	56.95544	(81052910)
-117.69	849.48	30.85470	(81122309)	-156.87	833.15	31.28278	(81111309)
-196.05	816.83	30.92051	(81111309)	-235.24	800.50	30.06820	(81110209)
-274.42	784.17	31.41587	(81110209)	-313.60	767.85	30.78309	(81121709)
-352.78	751.52	30.75316	(81122909)	-391.97	735.19	30.13915	(81111509)
-447.37	679.64	30.15194	(81120109)	-463.58	640.41	30.69406	(81112009)
-479.80	601.18	31.10917	(81121609)	-496.02	561.95	31.59046	(81122710)
-512.23	522.72	31.71659	(81010109)	-528.45	483.50	31.64626	(81051610)
-544.67	444.27	31.45388	(81120709)	-560.88	405.04	31.09257	(81112809)
-78.51	865.81	30.46632	(81011909)	-33.47	865.93	30.83443	(81122715)
11.56	866.06	31.06212	(81052709)	56.60	866.19	30.98797	(81022209)
101.63	866.31	31.19213	(81110409)	146.67	866.44	31.13359	(81092909)
191.70	866.57	30.98862	(81111609)	236.73	866.69	30.91521	(81111609)
281.77	866.82	29.31774	(81111609)	326.80	866.95	28.10872	(81052910)
-121.40	1348.52	15.86866	(81121009)	-162.89	1331.23	16.01634	(81123110)
-204.38	1313.94	16.09071	(81102509)	-245.86	1296.66	16.23693	(81122309)
-287.35	1279.37	16.33951	(81011409)	-328.84	1262.08	16.38276	(81111309)
-370.33	1244.79	16.08694	(81111309)	-411.81	1227.51	15.04580	(81111309)
-453.30	1210.22	14.86991	(81110209)	-494.79	1192.93	15.85365	(81110209)
-536.28	1175.65	16.12573	(81110209)	-577.76	1158.36	15.65005	(81110209)
-619.25	1141.07	15.77780	(81121709)	-660.74	1123.78	15.53440	(81122909)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL8 , VOL9 ,
VOL10 , VOL11 , VOL12 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
-702.23	1106.50	15.31331	(81111509)	-743.71	1089.21	15.08491	(81022810)
-802.37	1030.39	15.06578	(81110309)	-819.54	988.85	15.34836	(81010909)
-836.71	947.31	15.52710	(81122712)	-853.88	905.78	15.79016	(81112009)
-871.05	864.24	15.91259	(81121609)	-888.22	822.71	16.14422	(81012609)
-905.39	781.17	16.43228	(81010109)	-922.56	739.63	16.80755	(81010109)
-939.74	698.10	16.38958	(81010109)	-956.91	656.56	16.43630	(81113009)
-974.08	615.03	16.87170	(81120709)	-991.25	573.49	16.58284	(81120709)
-1008.42	531.95	16.30521	(81112809)	-1025.59	490.42	16.20630	(81120809)
-1042.76	448.88	16.07697	(81011709)	-1059.93	407.35	15.83038	(81121909)
-79.91	1365.81	15.83380	(81112209)	-34.88	1365.93	16.22892	(81112209)
10.16	1366.06	15.92667	(81112209)	55.19	1366.19	15.39445	(81110409)
100.23	1366.31	15.92704	(81110409)	145.26	1366.44	15.88946	(81092909)
190.29	1366.57	15.25218	(81092909)	235.33	1366.69	15.64778	(81111609)
280.36	1366.82	15.78246	(81111609)	325.40	1366.95	15.23919	(81111609)
348.21	366.95	131.67166	(81111310)	348.21	321.68	126.50724	(81061109)
348.21	276.40	125.76011	(81053109)	348.21	231.13	130.62758	(81060209)
348.21	185.86	133.31749	(81111009)	348.21	140.58	132.85439	(81053109)
348.21	95.31	128.86095	(81053109)	348.21	50.04	126.41096	(81122713)
348.21	4.76	129.10037	(81042509)	348.21	-40.51	133.04620	(81042509)
378.21	366.95	106.41027	(81112410)	378.21	321.68	105.17054	(81112410)
378.21	276.40	103.75081	(81053109)	378.21	231.13	105.59206	(81053109)
378.21	185.86	106.79588	(81053109)	378.21	140.58	106.59269	(81060209)
378.21	95.31	105.10919	(81060209)	378.21	50.04	104.84151	(81122713)
378.21	4.76	106.54257	(81122713)	378.21	-40.51	106.52859	(81122713)
413.52	402.36	84.40260	(81032209)	363.37	452.35	83.34082	(81022309)
428.21	366.95	80.74108	(81112410)	428.21	321.68	78.53648	(81112410)
428.21	276.40	80.60561	(81053109)	428.21	231.13	82.11757	(81053109)
428.21	185.86	82.70921	(81053109)	428.21	140.58	82.67376	(81060209)
428.21	95.31	82.48466	(81112411)	428.21	50.04	82.34442	(81051510)
428.21	4.76	81.31049	(81051510)	428.21	-40.51	82.08413	(81122713)
513.52	402.36	57.69872	(81112410)	498.82	437.76	59.87165	(81112410)
484.13	473.17	59.14057	(81050411)	433.99	523.16	58.46139	(81123109)
398.54	537.76	59.34608	(81112109)	363.09	552.35	58.32494	(81021010)
528.21	366.95	52.83743	(81112410)	528.21	321.68	50.13174	(81053109)
528.21	276.40	56.39954	(81053109)	528.21	231.13	58.32207	(81053109)
528.21	185.86	58.70572	(81053109)	528.21	140.58	58.70417	(81060209)
528.21	95.31	58.64442	(81122714)	528.21	50.04	58.55835	(81051510)
528.21	4.76	57.60493	(81051510)	528.21	-40.51	56.50962	(81122713)
811.88	406.29	23.19868	(81060110)	795.56	445.63	23.46955	(81051411)
779.23	484.97	26.66712	(81112410)	762.90	524.31	29.80347	(81112410)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL8 , VOL9 ,
VOL10 , VOL11 , VOL12 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
746.57	563.64	31.42723	(81112410)	730.25	602.98	31.32254	(81112309)
713.92	642.32	30.83397	(81111310)	697.59	681.66	29.74710	(81050411)
641.88	737.22	30.12605	(81031109)	602.50	753.43	30.51378	(81123109)
563.11	769.65	31.22080	(81022309)	523.73	785.87	31.38915	(81100409)
484.34	802.08	31.42656	(81021010)	444.96	818.30	31.51456	(81122009)
405.57	834.52	31.27158	(81052910)	366.19	850.73	30.37570	(81052910)
828.21	366.95	22.89741	(81060109)	828.21	321.68	26.36441	(81053109)

828.21	276.40	29.67946	(81053109)	828.21	231.13	31.29851	(81053109)
828.21	185.86	31.39708	(81053109)	828.21	140.58	31.55875	(81060209)
828.21	95.31	30.92203	(81122714)	828.21	50.04	31.33828	(81122714)
828.21	4.76	31.10228	(81051510)	828.21	-40.51	30.12763	(81051510)
1310.92	408.60	11.89175	(81042410)	1293.63	450.26	12.00079	(81051515)
1276.35	491.91	12.09898	(81060109)	1259.06	533.56	12.18343	(81060110)
1241.77	575.21	12.20359	(81051511)	1224.48	616.87	12.25266	(81051411)
1207.20	658.52	12.27729	(81051912)	1189.91	700.17	12.70757	(81112410)
1172.62	741.83	14.42655	(81112410)	1155.33	783.48	15.61407	(81112410)
1138.05	825.13	16.11658	(81112410)	1120.76	866.79	16.00460	(81052909)
1103.47	908.44	15.80341	(81032209)	1086.18	950.09	15.59797	(81111310)
1068.90	991.74	15.23500	(81050411)	1051.61	1033.40	14.80574	(81092509)
992.62	1092.22	15.06367	(81031109)	950.92	1109.39	15.26141	(81031109)
909.22	1126.56	15.20091	(81123109)	867.52	1143.73	15.80225	(81123109)
825.81	1160.90	15.96417	(81022309)	784.11	1178.07	16.13097	(81100409)
742.41	1195.24	16.19586	(81021010)	700.71	1212.41	16.19395	(81021010)
659.01	1229.58	16.25895	(81081809)	617.31	1246.75	16.34253	(81122009)
575.61	1263.92	16.33366	(81052910)	533.90	1281.09	16.20665	(81052910)
492.20	1298.26	15.34967	(81052910)	450.50	1315.44	13.88674	(81052910)
408.80	1332.61	12.96563	(81111609)	367.10	1349.78	14.37985	(81111609)
1328.21	366.95	13.15572	(81053109)	1328.21	321.68	14.70578	(81053109)
1328.21	276.40	15.69242	(81053109)	1328.21	231.13	16.00505	(81053109)
1328.21	185.86	15.96746	(81111009)	1328.21	140.58	16.02499	(81060209)
1328.21	95.31	15.79877	(81060209)	1328.21	50.04	15.33183	(81122714)
1328.21	4.76	15.83560	(81122714)	1328.21	-40.51	15.72003	(81112411)
-77.10	365.81	150.50768	(81022810)	-77.10	-40.51	153.41402	(81122716)
328.21	-40.51	151.07082	(81042509)	328.21	366.95	150.33687	(81031109)

*** THE MAXIMUM 10 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL8 , VOL9 ,
VOL10 , VOL11 , VOL12 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , . . . ,

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

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR)	OF TYPE
1.	153.41402	(81122716) AT	(-77.10, -40.51)	DC	6.	150.33687	(81031109) AT	(328.21, 366.95)	DC
2.	151.07082	(81042509) AT	(328.21, -40.51)	DC	7.	150.33601	(81111509) AT	(-77.10, 365.81)	DC
3.	150.50768	(81022810) AT	(-77.10, 365.81)	DC	8.	150.26352	(81112716) AT	(328.21, 366.95)	DC
4.	150.50095	(81020709) AT	(-77.10, 365.81)	DC	9.	150.19116	(81092509) AT	(328.21, 366.95)	DC
5.	150.34340	(81110309) AT	(-77.10, 365.81)	DC	10.	149.68237	(81120109) AT	(-77.10, 365.81)	DC

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

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	12.95852	AT (348.21, 140.58, 0.00, 2.00)	DC	NA
	2ND HIGHEST VALUE IS	12.92165	AT (348.21, 185.86, 0.00, 2.00)	DC	NA
	3RD HIGHEST VALUE IS	12.64677	AT (348.21, 95.31, 0.00, 2.00)	DC	NA
	4TH HIGHEST VALUE IS	12.58221	AT (348.21, 231.13, 0.00, 2.00)	DC	NA
	5TH HIGHEST VALUE IS	12.02057	AT (348.21, 50.04, 0.00, 2.00)	DC	NA
	6TH HIGHEST VALUE IS	11.80534	AT (348.21, 276.40, 0.00, 2.00)	DC	NA
	7TH HIGHEST VALUE IS	10.78868	AT (348.21, 4.76, 0.00, 2.00)	DC	NA
	8TH HIGHEST VALUE IS	10.12043	AT (348.21, 321.68, 0.00, 2.00)	DC	NA
	9TH HIGHEST VALUE IS	9.61930	AT (378.21, 140.58, 0.00, 2.00)	DC	NA
	10TH HIGHEST VALUE IS	9.55478	AT (378.21, 185.86, 0.00, 2.00)	DC	NA

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

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

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	153.41402	ON 81122716:	AT (-77.10, -40.51, 0.00, 2.00)	DC	NA

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

*** Message Summary : ISCST3 Model Execution ***

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

A Total of            0 Fatal Error Message(s)
A Total of            0 Warning Message(s)
A Total of         1398 Informational Message(s)

A Total of         1398 Calm Hours Identified


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


   ********   WARNING MESSAGES   ********
             ***  NONE  ***


   ************************************
   *** ISCST3 Finishes Successfully ***
   ************************************
```

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses User-Specified Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Not Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

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

**This Run Includes: 65 Source(s); 1 Source Group(s); and 44 Receptor(s)

**The Model Assumes A Pollutant Type of: PM25_

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

**Output Options Selected:
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; 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 = 1.3 MB of RAM.

**Input Runstream File: TMP0001_.TMP
**Output Print File: PM25U.OUT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
VOL2	0	0.13000E-02	-51.3	338.0	0.0	5.00	11.79	1.16	HROFDY
VOL3	0	0.13000E-02	-0.6	337.9	0.0	5.00	11.79	1.16	HROFDY
VOL4	0	0.13000E-02	50.1	338.0	0.0	5.00	11.79	1.16	HROFDY
VOL5	0	0.13000E-02	100.9	337.9	0.0	5.00	11.80	1.16	HROFDY
VOL6	0	0.13000E-02	151.6	337.9	0.0	5.00	11.80	1.16	HROFDY
VOL8	0	0.13000E-02	-51.3	287.2	0.0	5.00	11.79	1.16	HROFDY
VOL9	0	0.13000E-02	-0.6	287.2	0.0	5.00	11.73	1.16	HROFDY
VOL10	0	0.13000E-02	50.2	287.2	0.0	5.00	11.79	1.16	HROFDY
VOL11	0	0.13000E-02	100.9	287.2	0.0	5.00	11.78	1.16	HROFDY
VOL12	0	0.13000E-02	151.6	287.2	0.0	5.00	11.79	1.16	HROFDY
VOL14	0	0.13000E-02	-51.3	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL15	0	0.13000E-02	-0.6	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL16	0	0.13000E-02	50.2	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL17	0	0.13000E-02	100.9	236.5	0.0	5.00	11.80	1.16	HROFDY
VOL18	0	0.13000E-02	151.6	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL22	0	0.13000E-02	-51.3	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL23	0	0.13000E-02	-51.3	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL24	0	0.13000E-02	-51.3	85.3	0.0	5.00	11.79	1.16	HROFDY
VOL25	0	0.13000E-02	-0.6	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL26	0	0.13000E-02	-0.6	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL27	0	0.13000E-02	-0.6	85.2	0.0	5.00	11.79	1.16	HROFDY
VOL28	0	0.13000E-02	50.2	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL29	0	0.13000E-02	50.2	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL30	0	0.13000E-02	50.2	85.3	0.0	5.00	11.79	1.16	HROFDY
VOL31	0	0.13000E-02	100.9	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL32	0	0.13000E-02	100.9	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL33	0	0.13000E-02	100.9	85.3	0.0	5.00	11.80	1.16	HROFDY
VOL34	0	0.13000E-02	151.6	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL35	0	0.13000E-02	151.6	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL36	0	0.13000E-02	151.6	85.2	0.0	5.00	11.79	1.16	HROFDY
VOL37	0	0.13000E-02	202.3	337.9	0.0	5.00	11.80	1.16	HROFDY
VOL38	0	0.13000E-02	202.3	287.2	0.0	5.00	11.80	1.16	HROFDY
VOL39	0	0.13000E-02	202.3	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL40	0	0.13000E-02	202.3	185.8	0.0	5.00	11.80	1.16	HROFDY
VOL41	0	0.13000E-02	202.3	136.0	0.0	5.00	11.93	1.16	HROFDY
VOL42	0	0.13000E-02	202.3	85.3	0.0	5.00	11.80	1.16	HROFDY
VOL44	0	0.13000E-02	-51.3	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL45	0	0.13000E-02	-0.6	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL46	0	0.13000E-02	50.2	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL47	0	0.13000E-02	100.9	34.5	0.0	5.00	11.80	1.16	HROFDY

CONC URBAN FLAT FLGPOL NOCALM

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
VOL48	0	0.13000E-02	151.6	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL49	0	0.13000E-02	202.3	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL50	0	0.13000E-02	253.0	337.9	0.0	5.00	11.80	1.16	HROFDY
VOL51	0	0.13000E-02	303.8	338.0	0.0	5.00	11.79	1.16	HROFDY
VOL54	0	0.13000E-02	253.0	287.2	0.0	5.00	11.80	1.16	HROFDY
VOL55	0	0.13000E-02	303.8	287.2	0.0	5.00	11.80	1.16	HROFDY
VOL56	0	0.13000E-02	253.1	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL57	0	0.13000E-02	303.8	236.5	0.0	5.00	11.80	1.16	HROFDY
VOL58	0	0.13000E-02	253.0	185.8	0.0	5.00	11.80	1.16	HROFDY
VOL59	0	0.13000E-02	303.8	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL60	0	0.13000E-02	253.0	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL61	0	0.13000E-02	303.8	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL62	0	0.13000E-02	253.1	85.2	0.0	5.00	11.79	1.16	HROFDY
VOL63	0	0.13000E-02	303.8	85.2	0.0	5.00	11.79	1.16	HROFDY
VOL64	0	0.13000E-02	253.0	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL65	0	0.13000E-02	303.8	34.5	0.0	5.00	11.79	1.16	HROFDY
VOL66	0	0.13000E-02	-51.3	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL67	0	0.13000E-02	-0.6	-16.2	0.0	5.00	11.79	1.16	HROFDY
VOL68	0	0.13000E-02	50.2	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL69	0	0.13000E-02	100.9	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL70	0	0.13000E-02	151.6	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL71	0	0.13000E-02	202.3	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL72	0	0.13000E-02	253.0	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL73	0	0.13000E-02	303.8	-16.2	0.0	5.00	11.79	1.16	HROFDY

*** ISCST3 - VERSION 02035 *** *** UNIVERSITY HILLS LST *** 12/12/07
*** PM2.5 - WITHOUT MITIGATION *** 13:47:44
**MODELOPTs: PAGE 4
CONC URBAN FLAT FLGPOL NOCALM

*** 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)	EMISSION RATE SCALAR VARY BY
AREA1	0	0.18202E-04	-88.6	-52.0	0.0	0.00	427.75	423.89	0.00	0.00	HROFDY

*** ISCST3 - VERSION 02035 *** *** UNIVERSITY HILLS LST *** 12/12/07
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**MODELOPTs: PAGE 5
CONC URBAN FLAT FLGPOL NOCALM

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL14 , VOL15 ,
	VOL16 , VOL17 , VOL18 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , VOL29 , VOL30 ,
	VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , VOL37 , VOL38 , VOL39 , VOL40 , VOL41 , VOL42 ,
	VOL44 , VOL45 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL54 , VOL55 , VOL56 , VOL57 ,
	VOL58 , VOL59 , VOL60 , VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 , VOL69 ,
	VOL70 , VOL71 , VOL72 , VOL73 , AREA1 ,

*** ISCST3 - VERSION 02035 *** *** UNIVERSITY HILLS LST *** 12/12/07
*** PM2.5 - WITHOUT MITIGATION *** 13:47:44
**MODELOPTs: PAGE 6
CONC URBAN FLAT FLGPOL NOCALM

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

SOURCE ID = VOL2 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL3 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL4 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL12 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL14 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL15 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL18 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL26 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL28 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL29 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL30 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL31 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL32 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL33 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL34 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL35 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL36 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL37 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL38 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL39 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL40 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL41 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL42 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL44 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL45 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL46 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL47 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL48 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL49 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL50 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL51 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL54 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL55 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL56 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL57 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL58 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL59 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL60 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL61 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL62 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL63 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL64 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL65 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL66 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL67 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL68 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL69 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL70 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL71 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL72 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL73 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = AREA1 ; SOURCE TYPE = AREA :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

(328.2,	-41.0,	0.0,	2.0);	(283.2,	-41.0,	0.0,	2.0);
(238.1,	-41.0,	0.0,	2.0);	(193.1,	-41.0,	0.0,	2.0);
(148.1,	-41.0,	0.0,	2.0);	(103.0,	-41.0,	0.0,	2.0);
(58.0,	-41.0,	0.0,	2.0);	(13.0,	-41.0,	0.0,	2.0);
(-32.1,	-41.0,	0.0,	2.0);	(-77.1,	-41.0,	0.0,	2.0);
(-77.6,	-40.5,	0.0,	2.0);	(-77.6,	4.6,	0.0,	2.0);
(-77.6,	49.8,	0.0,	2.0);	(-77.6,	94.9,	0.0,	2.0);
(-77.6,	140.1,	0.0,	2.0);	(-77.6,	185.2,	0.0,	2.0);
(-77.6,	230.4,	0.0,	2.0);	(-77.6,	275.5,	0.0,	2.0);
(-77.6,	320.7,	0.0,	2.0);	(-77.6,	365.8,	0.0,	2.0);
(-77.1,	366.3,	0.0,	2.0);	(-32.1,	366.4,	0.0,	2.0);
(13.0,	366.6,	0.0,	2.0);	(58.0,	366.7,	0.0,	2.0);
(103.0,	366.8,	0.0,	2.0);	(148.1,	366.9,	0.0,	2.0);
(193.1,	367.1,	0.0,	2.0);	(238.1,	367.2,	0.0,	2.0);
(283.2,	367.3,	0.0,	2.0);	(328.2,	367.5,	0.0,	2.0);
(328.7,	367.0,	0.0,	2.0);	(328.7,	321.7,	0.0,	2.0);
(328.7,	276.4,	0.0,	2.0);	(328.7,	231.1,	0.0,	2.0);
(328.7,	185.9,	0.0,	2.0);	(328.7,	140.6,	0.0,	2.0);
(328.7,	95.3,	0.0,	2.0);	(328.7,	50.0,	0.0,	2.0);
(328.7,	4.8,	0.0,	2.0);	(328.7,	-40.5,	0.0,	2.0);
(-77.1,	365.8,	0.0,	2.0);	(-77.1,	-40.5,	0.0,	2.0);
(328.2,	-40.5,	0.0,	2.0);	(328.2,	367.0,	0.0,	2.0);

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR 3*ZLB IN DISTANCE, OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
VOL22	-77.6	185.2	0.96
VOL57	328.7	231.1	0.15
VOL59	328.7	185.9	-0.41
VOL61	328.7	140.6	0.01
VOL68	58.0	-41.0	0.64
VOL69	103.0	-41.0	-0.47
VOL70	148.1	-41.0	-0.32

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

1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1						

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00
D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00
E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00
F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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

FILE: REDLANDS.ASC
FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
SURFACE STATION NO.: 54161 UPPER AIR STATION NO.: 99999
NAME: REDLANDS NAME: UNKNOWN
YEAR: 1981 YEAR: 1981

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M) RURAL	MIXING HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
81	01	01	01	292.3	1.00	284.3	7	522.6	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	02	282.4	0.00	284.3	7	507.0	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	03	287.5	0.00	283.1	7	491.4	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	04	301.0	0.00	283.1	7	475.8	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	05	286.5	0.00	282.6	7	460.3	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	06	297.0	0.00	283.1	7	444.7	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	07	297.0	0.00	285.4	6	1.4	170.7	0.0000	0.0	0.0000	0	0.00
81	01	01	08	314.6	1.00	287.6	5	47.0	192.0	0.0000	0.0	0.0000	0	0.00
81	01	01	09	299.0	1.00	289.8	4	92.5	213.3	0.0000	0.0	0.0000	0	0.00
81	01	01	10	54.2	1.34	291.5	3	138.0	234.7	0.0000	0.0	0.0000	0	0.00
81	01	01	11	89.1	1.79	294.3	3	183.5	256.0	0.0000	0.0	0.0000	0	0.00
81	01	01	12	103.1	1.34	297.6	2	229.0	277.3	0.0000	0.0	0.0000	0	0.00
81	01	01	13	87.2	1.34	298.7	2	274.5	298.7	0.0000	0.0	0.0000	0	0.00
81	01	01	14	124.2	1.79	299.8	3	320.0	320.0	0.0000	0.0	0.0000	0	0.00
81	01	01	15	134.8	2.24	299.3	3	320.0	320.0	0.0000	0.0	0.0000	0	0.00
81	01	01	16	98.2	2.24	298.7	4	320.0	320.0	0.0000	0.0	0.0000	0	0.00
81	01	01	17	110.1	2.24	295.4	5	325.6	318.5	0.0000	0.0	0.0000	0	0.00
81	01	01	18	210.1	1.00	291.5	6	357.2	310.3	0.0000	0.0	0.0000	0	0.00
81	01	01	19	268.0	1.00	289.8	7	388.8	302.1	0.0000	0.0	0.0000	0	0.00
81	01	01	20	303.2	1.00	287.0	7	420.4	293.9	0.0000	0.0	0.0000	0	0.00
81	01	01	21	291.1	1.34	286.5	7	452.0	285.7	0.0000	0.0	0.0000	0	0.00
81	01	01	22	294.5	1.34	287.0	7	483.5	277.4	0.0000	0.0	0.0000	0	0.00
81	01	01	23	293.2	0.00	285.9	7	515.1	269.2	0.0000	0.0	0.0000	0	0.00
81	01	01	24	292.2	0.00	285.4	7	546.7	261.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL8 , VOL9 ,
VOL10 , VOL11 , VOL12 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM25_ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
328.21	-41.01	84.55866	(81032924)	283.18	-41.01	87.09189	(81032924)
238.14	-41.01	87.36401	(81032924)	193.11	-41.01	85.37463	(81032924)
148.07	-41.01	83.19563	(81032924)	103.04	-41.01	79.78909	(81032924)
58.00	-41.01	76.27505	(81032924)	12.97	-41.01	69.41026	(81032924)
-32.07	-41.01	57.71480	(81032924)	-77.10	-41.01	55.14222	(81123024)
-77.60	-40.51	55.52064	(81123024)	-77.60	4.64	73.06865	(81123024)
-77.60	49.78	78.87229	(81123024)	-77.60	94.93	81.32768	(81123024)
-77.60	140.08	82.83871	(81122724)	-77.60	185.22	84.74075	(81122724)
-77.60	230.37	86.10928	(81122724)	-77.60	275.52	85.12032	(81122724)
-77.60	320.66	82.95177	(81122724)	-77.60	365.81	74.50505	(81122724)
-77.10	366.31	74.52650	(81122724)	-32.07	366.44	77.77648	(81122724)
12.97	366.56	75.76347	(81122724)	58.00	366.69	72.97485	(81122724)
103.04	366.82	71.34306	(81122724)	148.07	366.94	70.52081	(81120124)
193.11	367.07	69.37806	(81120124)	238.14	367.20	70.92897	(81102724)
283.17	367.32	71.91653	(81102724)	328.21	367.45	70.42213	(81102724)
328.71	366.95	70.60955	(81102724)	328.71	321.68	78.95735	(81112424)
328.71	276.40	87.55643	(81112424)	328.71	231.13	90.52100	(81112424)
328.71	185.86	91.28797	(81112424)	328.71	140.58	91.21259	(81112424)
328.71	95.31	90.25939	(81112424)	328.71	50.04	88.02380	(81112424)
328.71	4.76	83.61353	(81112424)	328.71	-40.51	84.46445	(81032924)
-77.10	365.81	74.63782	(81122724)	-77.10	-40.51	55.57435	(81123024)
328.21	-40.51	84.57615	(81032924)	328.21	366.95	70.70577	(81102724)

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

** CONC OF PM25_ IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	91.28797	ON 81112424: AT (	328.71, 185.86, 0.00, 2.00)	DC	NA

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

*** Message Summary : ISCST3 Model Execution ***

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

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

```
A Total of         1398 Informational Message(s)

A Total of         1398 Calm Hours Identified

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

   ********   WARNING MESSAGES   ********
             ***  NONE  ***

   ************************************
   *** ISCST3 Finishes Successfully ***
   ************************************
```

*** MODEL SETUP OPTIONS SUMMARY ***

- -

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses User-Specified Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Not Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates 1 Short Term Average(s) of: 24-HR
and Calculates PERIOD Averages

**This Run Includes: 65 Source(s); 1 Source Group(s); and 44 Receptor(s)

**The Model Assumes A Pollutant Type of: PM10_U

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

**Output Options Selected:
Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; 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 = 1.3 MB of RAM.

**Input Runstream File: TMP0001_.TMP
**Output Print File: PM10UN.OUT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
VOL2	0	0.14000E-02	-51.3	338.0	0.0	5.00	11.79	1.16	HROFDY
VOL3	0	0.14000E-02	-0.6	337.9	0.0	5.00	11.79	1.16	HROFDY
VOL4	0	0.14000E-02	50.1	338.0	0.0	5.00	11.79	1.16	HROFDY
VOL5	0	0.14000E-02	100.9	337.9	0.0	5.00	11.80	1.16	HROFDY
VOL6	0	0.14000E-02	151.6	337.9	0.0	5.00	11.80	1.16	HROFDY
VOL8	0	0.14000E-02	-51.3	287.2	0.0	5.00	11.79	1.16	HROFDY
VOL9	0	0.14000E-02	-0.6	287.2	0.0	5.00	11.73	1.16	HROFDY
VOL10	0	0.14000E-02	50.2	287.2	0.0	5.00	11.79	1.16	HROFDY
VOL11	0	0.14000E-02	100.9	287.2	0.0	5.00	11.78	1.16	HROFDY
VOL12	0	0.14000E-02	151.6	287.2	0.0	5.00	11.79	1.16	HROFDY
VOL14	0	0.14000E-02	-51.3	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL15	0	0.14000E-02	-0.6	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL16	0	0.14000E-02	50.2	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL17	0	0.14000E-02	100.9	236.5	0.0	5.00	11.80	1.16	HROFDY
VOL18	0	0.14000E-02	151.6	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL22	0	0.14000E-02	-51.3	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL23	0	0.14000E-02	-51.3	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL24	0	0.14000E-02	-51.3	85.3	0.0	5.00	11.79	1.16	HROFDY
VOL25	0	0.14000E-02	-0.6	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL26	0	0.14000E-02	-0.6	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL27	0	0.14000E-02	-0.6	85.2	0.0	5.00	11.79	1.16	HROFDY
VOL28	0	0.14000E-02	50.2	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL29	0	0.14000E-02	50.2	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL30	0	0.14000E-02	50.2	85.3	0.0	5.00	11.79	1.16	HROFDY
VOL31	0	0.14000E-02	100.9	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL32	0	0.14000E-02	100.9	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL33	0	0.14000E-02	100.9	85.3	0.0	5.00	11.80	1.16	HROFDY
VOL34	0	0.14000E-02	151.6	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL35	0	0.14000E-02	151.6	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL36	0	0.14000E-02	151.6	85.2	0.0	5.00	11.79	1.16	HROFDY
VOL37	0	0.14000E-02	202.3	337.9	0.0	5.00	11.80	1.16	HROFDY
VOL38	0	0.14000E-02	202.3	287.2	0.0	5.00	11.80	1.16	HROFDY
VOL39	0	0.14000E-02	202.3	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL40	0	0.14000E-02	202.3	185.8	0.0	5.00	11.80	1.16	HROFDY
VOL41	0	0.14000E-02	202.3	136.0	0.0	5.00	11.93	1.16	HROFDY
VOL42	0	0.14000E-02	202.3	85.3	0.0	5.00	11.80	1.16	HROFDY
VOL44	0	0.14000E-02	-51.3	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL45	0	0.14000E-02	-0.6	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL46	0	0.14000E-02	50.2	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL47	0	0.14000E-02	100.9	34.5	0.0	5.00	11.80	1.16	HROFDY

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
VOL48	0	0.14000E-02	151.6	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL49	0	0.14000E-02	202.3	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL50	0	0.14000E-02	253.0	337.9	0.0	5.00	11.80	1.16	HROFDY
VOL51	0	0.14000E-02	303.8	338.0	0.0	5.00	11.79	1.16	HROFDY
VOL54	0	0.14000E-02	253.0	287.2	0.0	5.00	11.80	1.16	HROFDY
VOL55	0	0.14000E-02	303.8	287.2	0.0	5.00	11.80	1.16	HROFDY
VOL56	0	0.14000E-02	253.1	236.5	0.0	5.00	11.79	1.16	HROFDY
VOL57	0	0.14000E-02	303.8	236.5	0.0	5.00	11.80	1.16	HROFDY
VOL58	0	0.14000E-02	253.0	185.8	0.0	5.00	11.80	1.16	HROFDY
VOL59	0	0.14000E-02	303.8	185.8	0.0	5.00	11.79	1.16	HROFDY
VOL60	0	0.14000E-02	253.0	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL61	0	0.14000E-02	303.8	136.0	0.0	5.00	11.79	1.16	HROFDY
VOL62	0	0.14000E-02	253.1	85.2	0.0	5.00	11.79	1.16	HROFDY
VOL63	0	0.14000E-02	303.8	85.2	0.0	5.00	11.79	1.16	HROFDY
VOL64	0	0.14000E-02	253.0	34.5	0.0	5.00	11.80	1.16	HROFDY
VOL65	0	0.14000E-02	303.8	34.5	0.0	5.00	11.79	1.16	HROFDY
VOL66	0	0.14000E-02	-51.3	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL67	0	0.14000E-02	-0.6	-16.2	0.0	5.00	11.79	1.16	HROFDY
VOL68	0	0.14000E-02	50.2	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL69	0	0.14000E-02	100.9	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL70	0	0.14000E-02	151.6	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL71	0	0.14000E-02	202.3	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL72	0	0.14000E-02	253.0	-16.2	0.0	5.00	11.80	1.16	HROFDY
VOL73	0	0.14000E-02	303.8	-16.2	0.0	5.00	11.79	1.16	HROFDY

*** 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)	EMISSION RATE SCALAR VARY BY
AREA1	0	0.86897E-04	-88.6	-52.0	0.0	0.00	427.75	423.89	0.00	0.00	HROFDY

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL14 , VOL15 ,
	VOL16 , VOL17 , VOL18 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , VOL29 , VOL30 ,
	VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , VOL37 , VOL38 , VOL39 , VOL40 , VOL41 , VOL42 ,
	VOL44 , VOL45 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL54 , VOL55 , VOL56 , VOL57 ,
	VOL58 , VOL59 , VOL60 , VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 , VOL69 ,
	VOL70 , VOL71 , VOL72 , VOL73 , AREA1 ,

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

SOURCE ID = VOL2 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL3 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL4 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL12 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL14 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL15 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL18 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL26 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL28 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL29 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL30 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL31 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL32 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL33 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL34 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00

19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL35 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL36 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL37 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL38 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL39 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL40 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL41 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL42 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL44 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL45 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL46 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL47 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

SOURCE ID = VOL48 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL49 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL50 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL51 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL54 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

SOURCE ID = VOL55 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL56 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL57 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL58 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL59 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

SOURCE ID = VOL60 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL61 ; SOURCE TYPE = VOLUME :

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	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL62 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL63 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL64 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL65 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL66 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL67 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL68 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL69 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = VOL70 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL71 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL72 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL73 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = AREA1 ; SOURCE TYPE = AREA :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	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	.00000E+00	18	.00000E+00

19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

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

(328.2,	-41.0,	0.0,	2.0);	(283.2,	-41.0,	0.0,	2.0);
(238.1,	-41.0,	0.0,	2.0);	(193.1,	-41.0,	0.0,	2.0);
(148.1,	-41.0,	0.0,	2.0);	(103.0,	-41.0,	0.0,	2.0);
(58.0,	-41.0,	0.0,	2.0);	(13.0,	-41.0,	0.0,	2.0);
(-32.1,	-41.0,	0.0,	2.0);	(-77.1,	-41.0,	0.0,	2.0);
(-77.6,	-40.5,	0.0,	2.0);	(-77.6,	4.6,	0.0,	2.0);
(-77.6,	49.8,	0.0,	2.0);	(-77.6,	94.9,	0.0,	2.0);
(-77.6,	140.1,	0.0,	2.0);	(-77.6,	185.2,	0.0,	2.0);
(-77.6,	230.4,	0.0,	2.0);	(-77.6,	275.5,	0.0,	2.0);
(-77.6,	320.7,	0.0,	2.0);	(-77.6,	365.8,	0.0,	2.0);
(-77.1,	366.3,	0.0,	2.0);	(-32.1,	366.4,	0.0,	2.0);
(13.0,	366.6,	0.0,	2.0);	(58.0,	366.7,	0.0,	2.0);
(103.0,	366.8,	0.0,	2.0);	(148.1,	366.9,	0.0,	2.0);
(193.1,	367.1,	0.0,	2.0);	(238.1,	367.2,	0.0,	2.0);
(283.2,	367.3,	0.0,	2.0);	(328.2,	367.5,	0.0,	2.0);
(328.7,	367.0,	0.0,	2.0);	(328.7,	321.7,	0.0,	2.0);
(328.7,	276.4,	0.0,	2.0);	(328.7,	231.1,	0.0,	2.0);
(328.7,	185.9,	0.0,	2.0);	(328.7,	140.6,	0.0,	2.0);
(328.7,	95.3,	0.0,	2.0);	(328.7,	50.0,	0.0,	2.0);
(328.7,	4.8,	0.0,	2.0);	(328.7,	-40.5,	0.0,	2.0);
(-77.1,	365.8,	0.0,	2.0);	(-77.1,	-40.5,	0.0,	2.0);
(328.2,	-40.5,	0.0,	2.0);	(328.2,	367.0,	0.0,	2.0);

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR 3*ZLB IN DISTANCE, OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
VOL22	-77.6	185.2	0.96
VOL57	328.7	231.1	0.15
VOL59	328.7	185.9	-0.41
VOL61	328.7	140.6	0.01
VOL68	58.0	-41.0	0.64
VOL69	103.0	-41.0	-0.47
VOL70	148.1	-41.0	-0.32

*** 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			

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00
D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00
E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00
F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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

FILE: REDLANDS.ASC
FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
SURFACE STATION NO.: 54161 UPPER AIR STATION NO.: 99999
NAME: REDLANDS NAME: UNKNOWN
YEAR: 1981 YEAR: 1981

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M) RURAL	MIXING HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
81	01	01	01	292.3	1.00	284.3	7	522.6	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	02	282.4	0.00	284.3	7	507.0	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	03	287.5	0.00	283.1	7	491.4	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	04	301.0	0.00	283.1	7	475.8	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	05	286.5	0.00	282.6	7	460.3	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	06	297.0	0.00	283.1	7	444.7	170.0	0.0000	0.0	0.0000	0	0.00
81	01	01	07	297.0	0.00	285.4	6	1.4	170.7	0.0000	0.0	0.0000	0	0.00
81	01	01	08	314.6	1.00	287.6	5	47.0	192.0	0.0000	0.0	0.0000	0	0.00
81	01	01	09	299.0	1.00	289.8	4	92.5	213.3	0.0000	0.0	0.0000	0	0.00
81	01	01	10	54.2	1.34	291.5	3	138.0	234.7	0.0000	0.0	0.0000	0	0.00
81	01	01	11	89.1	1.79	294.3	3	183.5	256.0	0.0000	0.0	0.0000	0	0.00
81	01	01	12	103.1	1.34	297.6	2	229.0	277.3	0.0000	0.0	0.0000	0	0.00
81	01	01	13	87.2	1.34	298.7	2	274.5	298.7	0.0000	0.0	0.0000	0	0.00
81	01	01	14	124.2	1.79	299.8	3	320.0	320.0	0.0000	0.0	0.0000	0	0.00
81	01	01	15	134.8	2.24	299.3	3	320.0	320.0	0.0000	0.0	0.0000	0	0.00
81	01	01	16	98.2	2.24	298.7	4	320.0	320.0	0.0000	0.0	0.0000	0	0.00
81	01	01	17	110.1	2.24	295.4	5	325.6	318.5	0.0000	0.0	0.0000	0	0.00
81	01	01	18	210.1	1.00	291.5	6	357.2	310.3	0.0000	0.0	0.0000	0	0.00
81	01	01	19	268.0	1.00	289.8	7	388.8	302.1	0.0000	0.0	0.0000	0	0.00
81	01	01	20	303.2	1.00	287.0	7	420.4	293.9	0.0000	0.0	0.0000	0	0.00
81	01	01	21	291.1	1.34	286.5	7	452.0	285.7	0.0000	0.0	0.0000	0	0.00
81	01	01	22	294.5	1.34	287.0	7	483.5	277.4	0.0000	0.0	0.0000	0	0.00
81	01	01	23	293.2	0.00	285.9	7	515.1	269.2	0.0000	0.0	0.0000	0	0.00
81	01	01	24	292.2	0.00	285.4	7	546.7	261.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

*** ISCST3 - VERSION 02035 *** *** UNIVERSITY HILLS LST *** 12/12/07
*** PM10 - WITHOUT MITIGATION *** 13:48:05
**MODELOPTs: PAGE 23
CONC URBAN FLAT FLGPOL NOCALM

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL8 , VOL9 ,
VOL10 , VOL11 , VOL12 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10_U IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
328.21	-41.01	153.16997	283.18	-41.01	155.90909
238.14	-41.01	153.93153	193.11	-41.01	150.35901
148.07	-41.01	145.94119	103.04	-41.01	140.12436
58.00	-41.01	131.93651	12.97	-41.01	120.63371
-32.07	-41.01	100.54975	-77.10	-41.01	39.26463
-77.60	-40.51	38.17646	-77.60	4.64	53.82623
-77.60	49.78	58.46101	-77.60	94.93	61.21907
-77.60	140.08	62.82079	-77.60	185.22	64.14105
-77.60	230.37	64.83733	-77.60	275.52	65.06808
-77.60	320.66	64.36625	-77.60	365.81	56.15052
-77.10	366.31	56.82553	-32.07	366.44	106.72820
12.97	366.56	121.78928	58.00	366.69	129.29002
103.04	366.82	134.90289	148.07	366.94	138.26010
193.11	367.07	139.55183	238.14	367.20	140.13396
283.17	367.32	138.44641	328.21	367.45	127.76044
328.71	366.95	129.67059	328.71	321.68	189.27621
328.71	276.40	202.83238	328.71	231.13	208.25400
328.71	185.86	210.90631	328.71	140.58	210.96611
328.71	95.31	208.58173	328.71	50.04	204.18094
328.71	4.76	193.18094	328.71	-40.51	154.10678
-77.10	365.81	57.55365	-77.10	-40.51	39.72621
328.21	-40.51	154.24678	328.21	366.95	129.93810

*** ISCST3 - VERSION 02035 *** *** UNIVERSITY HILLS LST *** 12/12/07
*** PM10 - WITHOUT MITIGATION *** 13:48:05
**MODELOPTs: PAGE 24
CONC URBAN FLAT FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL8 , VOL9 ,
VOL10 , VOL11 , VOL12 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10_U IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
328.21	-41.01	397.84558	(81032924)	283.18	-41.01	409.75583	(81032924)
238.14	-41.01	411.30350	(81032924)	193.11	-41.01	402.13208	(81032924)
148.07	-41.01	392.47983	(81032924)	103.04	-41.01	376.69211	(81032924)
58.00	-41.01	360.48282	(81032924)	12.97	-41.01	326.62445	(81032924)
-32.07	-41.01	272.14224	(81032924)	-77.10	-41.01	260.07690	(81123024)
-77.60	-40.51	261.86511	(81123024)	-77.60	4.64	343.98679	(81123024)
-77.60	49.78	371.08517	(81123024)	-77.60	94.93	382.53577	(81123024)
-77.60	140.08	390.32834	(81122724)	-77.60	185.22	400.02768	(81122724)
-77.60	230.37	405.98965	(81122724)	-77.60	275.52	401.16739	(81122724)
-77.60	320.66	390.76224	(81122724)	-77.60	365.81	350.83963	(81122724)
-77.10	366.31	350.95801	(81122724)	-32.07	366.44	366.69608	(81122724)
12.97	366.56	357.40225	(81122724)	58.00	366.69	344.11441	(81122724)
103.04	366.82	336.64355	(81122724)	148.07	366.94	332.63138	(81120124)
193.11	367.07	326.74121	(81120124)	238.14	367.20	334.20389	(81102724)
283.17	367.32	338.71829	(81102724)	328.21	367.45	331.75461	(81102724)
328.71	366.95	332.63284	(81102724)	328.71	321.68	371.63940	(81112424)

328.71	276.40	411.66183	(81112424)	328.71	231.13	427.29056	(81112424)
328.71	185.86	430.82443	(81112424)	328.71	140.58	430.43762	(81112424)
328.71	95.31	424.86789	(81112424)	328.71	50.04	414.34167	(81112424)
328.71	4.76	393.64771	(81112424)	328.71	-40.51	397.41516	(81032924)
-77.10	365.81	351.45654	(81122724)	-77.10	-40.51	262.11465	(81123024)
328.21	-40.51	397.91141	(81032924)	328.21	366.95	333.07629	(81102724)

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

** CONC OF PM10_U IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR,	YR,	ZELEV,	ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	210.96611 AT (	328.71,	140.58,	0.00,	2.00)	DC	NA
	2ND HIGHEST VALUE IS	210.90631 AT (	328.71,	185.86,	0.00,	2.00)	DC	NA
	3RD HIGHEST VALUE IS	208.58173 AT (	328.71,	95.31,	0.00,	2.00)	DC	NA
	4TH HIGHEST VALUE IS	208.25400 AT (	328.71,	231.13,	0.00,	2.00)	DC	NA
	5TH HIGHEST VALUE IS	204.18094 AT (	328.71,	50.04,	0.00,	2.00)	DC	NA
	6TH HIGHEST VALUE IS	202.83238 AT (	328.71,	276.40,	0.00,	2.00)	DC	NA
	7TH HIGHEST VALUE IS	193.18094 AT (	328.71,	4.76,	0.00,	2.00)	DC	NA
	8TH HIGHEST VALUE IS	189.27621 AT (	328.71,	321.68,	0.00,	2.00)	DC	NA
	9TH HIGHEST VALUE IS	155.90909 AT (	283.18,	-41.01,	0.00,	2.00)	DC	NA
	10TH HIGHEST VALUE IS	154.24678 AT (	328.21,	-40.51,	0.00,	2.00)	DC	NA

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

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

** CONC OF PM10_U IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR,	YR,	ZELEV,	ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	430.82443	ON 81112424: AT (	328.71,	185.86,	0.00,	2.00)	DC	NA

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

*** Message Summary : ISCST3 Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 1398 Informational Message(s)

A Total of 1398 Calm Hours Identified

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

******** WARNING MESSAGES ********
*** NONE ***

****
*** ISCST3 Finishes Successfully ***
****