

## Local Construction Emissions

\*\*

\*\*\*\*\*

\*\*

\*\* ISCST3 Input Produced by:

\*\* ISC-AERMOD View Ver. 3.15

\*\* Lakes Environmental Software Inc.

\*\* Date: 10/6/2000

\*\* File: V:\PROJECTS\AIR QUALITY DIVISION\Projects\LA Entertainment\ISC\LAENT.INP

\*\*

\*\*\*\*\*

\*\*

\*\*

\*\*\*\*\*

\*\* ISC Control Pathway

\*\*\*\*\*

\*\*

\*\*

CO STARTING

TITLEONE PM10 LA Entertainment

MODELOPT CONC NOCMPL URBAN NOCALM

AVERTIME 24

POLLUTID OTHER

TERRHGT5 ELEV

FLAGPOLE 1.50

RUNORNOT RUN

CO FINISHED

\*\*

\*\*\*\*\*

\*\* ISC Source Pathway

\*\*\*\*\*

\*\*

\*\*

SO STARTING

\*\* Source Location \*\*

\*\* Source ID - Type - X Coord. - Y Coord. \*\*

- LOCATION FIGCENT AREA 383174.540 3767379.570 73.000
- LOCATION FIGNORTH AREA 383396.540 3767698.630 76.000
- LOCATION OLYNORTH AREA 383138.700 3767781.010 74.000
- LOCATION OLYEAST1 AREA 383060.310 3767650.100 73.000
- LOCATION OLYEAST2 AREA 383267.370 3767694.890 74.000
- LOCATION OLYEAST3 AREA 383324.110 3767684.690 75.000
- LOCATION OLYEAST4 AREA 383052.090 3767632.180 73.000
- LOCATION OLYEAST5 AREA 383041.390 3767607.790 72.000
- LOCATION OLYEAST7 AREA 383107.090 3767590.870 73.000
- LOCATION OLYEAST8 AREA 383035.420 3767596.090 72.000

LOCATION OLYEAST9 AREA 383309.680 3767622.470 75.000  
LOCATION OLYWEST1 AREA 382899.040 3767654.080 73.000  
LOCATION OLYWEST2 AREA 382859.710 3767672.250 73.000  
LOCATION OLYWEST3 AREA 382915.710 3767755.620 73.000  
LOCATION FIGSOUTH AREA 383094.650 3767267.580 72.000  
LOCATION OLYE11 AREA 383131.980 3767616.000 73.000  
LOCATION OLYE12 AREA 383202.910 3767584.150 74.000  
LOCATION OLYE13 AREA 383240.490 3767568.720 74.000  
LOCATION FIGSOU2 AREA 383111.330 3767292.710 72.000  
LOCATION FIGSOU3 AREA 383128.500 3767317.350 72.000  
LOCATION FIGSOU4 AREA 383145.920 3767343.730 73.000  
LOCATION FIGC1 AREA 383199.680 3767416.900 73.000  
LOCATION FIGC3 AREA 383225.060 3767454.230 73.000  
LOCATION FIGC4 AREA 383250.200 3767492.060 74.000  
LOCATION FIGN1 AREA 383456.760 3767656.320 76.000  
LOCATION FIGN2 AREA 383436.110 3767670.510 76.000  
LOCATION FIGN3 AREA 383415.700 3767684.690 76.000  
LOCATION OLYW4 AREA 382959.010 3767624.960 73.000  
LOCATION OLYW5 AREA 382988.380 3767610.530 73.000  
LOCATION OLYW6 AREA 382929.400 3767639.640 73.000  
LOCATION OLYN1 AREA 383175.290 3767763.580 74.000  
LOCATION OLYN2 AREA 383155.870 3767772.540 74.000  
LOCATION OLYN3 AREA 383194.200 3767754.870 74.000

\*\* Source Parameters \*\*

SRCPARAM FIGCENT 2.81E-6 0.000 105.030 45.000 35.000 4.000  
SRCPARAM FIGNORTH 2.36E-6 0.000 24.140 55.000 35.000 4.000  
SRCPARAM OLYNORTH 2.96E-6 0.000 20.250 77.000 25.000 4.000  
SRCPARAM OLYEAST1 1.09416E-6 0.000 78.000 126.930 25.000 4.000  
SRCPARAM OLYEAST2 1.46137E-7 0.000 87.110 15.180 25.000 4.000  
SRCPARAM OLYEAST3 4.52652E-8 0.000 33.600 12.190 25.000 4.000  
SRCPARAM OLYEAST4 3.24029E-7 0.000 155.050 18.910 25.000 4.000  
SRCPARAM OLYEAST5 1.94428E-7 0.000 65.450 26.880 25.000 4.000  
SRCPARAM OLYEAST7 5.50757E-8 0.000 37.080 13.440 25.000 4.000  
SRCPARAM OLYEAST8 3.94347E-8 0.000 29.860 11.950 25.000 4.000  
SRCPARAM OLYEAST9 4.40768E-8 0.000 8.710 45.790 25.000 4.000  
SRCPARAM OLYWEST1 1.42947E-6 0.000 32.500 192.880 25.000 4.000  
SRCPARAM OLYWEST2 9.36317E-7 0.000 41.060 100.000 25.000 4.000  
SRCPARAM OLYWEST3 1.93455E-7 0.000 25.630 33.100 25.000 4.000  
SRCPARAM FIGSOUTH 3.69E-6 0.000 105.030 31.000 35.000 4.000  
SRCPARAM OLYE11 1.09275E-6 0.000 77.900 126.930 25.000 4.000  
SRCPARAM OLYE12 5.48061E-7 0.000 39.070 126.930 25.000 4.000  
SRCPARAM OLYE13 5.48061E-7 0.000 39.070 126.930 25.000 4.000  
SRCPARAM FIGSOU2 3.69E-6 0.000 105.030 31.110 35.000 4.000  
SRCPARAM FIGSOU3 3.69E-6 0.000 105.030 31.110 35.000 4.000  
SRCPARAM FIGSOU4 3.69E-6 0.000 105.030 31.110 35.000 4.000

SRCPARAM FIGC1 2.81E-6 0.000 105.030 45.050 35.000 4.000  
SRCPARAM FIGC3 2.81E-6 0.000 105.030 45.050 35.000 4.000  
SRCPARAM FIGC4 2.81E-6 0.000 105.030 45.050 35.000 4.000  
SRCPARAM FIGN1 2.39E-6 0.000 24.140 55.000 35.000 4.000  
SRCPARAM FIGN2 2.39E-6 0.000 24.140 55.000 35.000 4.000  
SRCPARAM FIGN3 2.39E-6 0.000 24.140 55.000 35.000 4.000  
SRCPARAM OLYW4 1.42947E-6 0.000 32.600 192.880 25.000 4.000  
SRCPARAM OLYW5 1.42947E-6 0.000 32.600 192.880 25.000 4.000  
SRCPARAM OLYW6 1.42947E-6 0.000 32.600 192.880 25.000 4.000  
SRCPARAM OLYN1 2.96E-6 0.000 20.160 76.900 25.000 4.000  
SRCPARAM OLYN2 2.96E-6 0.000 20.160 76.900 25.000 4.000  
SRCPARAM OLYN3 2.96E-6 0.000 20.160 76.900 25.000 4.000  
EMISFACT FIGCENT HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT FIGCENT HROFDY 0.00 1.00 1.00 1.00 1.00 1.00  
EMISFACT FIGCENT HROFDY 1.00 1.00 1.00 1.00 1.00 0.00  
EMISFACT FIGCENT HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT FIGNORTH HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT FIGNORTH HROFDY 0.00 1.00 1.00 1.00 1.00 1.00  
EMISFACT FIGNORTH HROFDY 1.00 1.00 1.00 1.00 1.00 0.00  
EMISFACT FIGNORTH HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT FIGSOUTH HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT FIGSOUTH HROFDY 0.00 1.00 1.00 1.00 1.00 1.00  
EMISFACT FIGSOUTH HROFDY 1.00 1.00 1.00 1.00 1.00 0.00  
EMISFACT FIGSOUTH HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT OLYEAST1-OLYEAST9 HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT OLYEAST1-OLYEAST9 HROFDY 0.00 1.00 1.00 1.00 1.00 1.00  
EMISFACT OLYEAST1-OLYEAST9 HROFDY 1.00 1.00 1.00 1.00 1.00 0.00  
EMISFACT OLYEAST1-OLYEAST9 HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT OLYNORTH HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT OLYNORTH HROFDY 0.00 1.00 1.00 1.00 1.00 1.00  
EMISFACT OLYNORTH HROFDY 1.00 1.00 1.00 1.00 1.00 0.00  
EMISFACT OLYNORTH HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT OLYWEST1-OLYWEST3 HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT OLYWEST1-OLYWEST3 HROFDY 0.00 1.00 1.00 1.00 1.00 1.00  
EMISFACT OLYWEST1-OLYWEST3 HROFDY 1.00 1.00 1.00 1.00 1.00 0.00  
EMISFACT OLYWEST1-OLYWEST3 HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT FIGSOU3-FIGSOU4 HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT FIGSOU3-FIGSOU4 HROFDY 0.00 1.00 1.00 1.00 1.00 1.00  
EMISFACT FIGSOU3-FIGSOU4 HROFDY 1.00 1.00 1.00 1.00 1.00 0.00  
EMISFACT FIGSOU3-FIGSOU4 HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT OLYE11-OLYE13 HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT OLYE11-OLYE13 HROFDY 0.00 1.00 1.00 1.00 1.00 1.00  
EMISFACT OLYE11-OLYE13 HROFDY 1.00 1.00 1.00 1.00 1.00 0.00  
EMISFACT OLYE11-OLYE13 HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT FIGSOU2 HROFDY 0.00 0.00 0.00 0.00 0.00 0.00

EMISFACT FIGSOU2 HROFDY 0.00 1.00 1.00 1.00 1.00 1.00  
EMISFACT FIGSOU2 HROFDY 1.00 1.00 1.00 1.00 1.00 0.00  
EMISFACT FIGSOU2 HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT FIGC1-FIGC4 HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT FIGC1-FIGC4 HROFDY 0.00 1.00 1.00 1.00 1.00 1.00  
EMISFACT FIGC1-FIGC4 HROFDY 1.00 1.00 1.00 1.00 1.00 0.00  
EMISFACT FIGC1-FIGC4 HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT FIGN1-FIGN3 HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT FIGN1-FIGN3 HROFDY 0.00 1.00 1.00 1.00 1.00 1.00  
EMISFACT FIGN1-FIGN3 HROFDY 1.00 1.00 1.00 1.00 1.00 0.00  
EMISFACT FIGN1-FIGN3 HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT OLYW4-OLYW6 HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT OLYW4-OLYW6 HROFDY 0.00 1.00 1.00 1.00 1.00 1.00  
EMISFACT OLYW4-OLYW6 HROFDY 1.00 1.00 1.00 1.00 1.00 0.00  
EMISFACT OLYW4-OLYW6 HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT OLYN1-OLYN3 HROFDY 0.00 0.00 0.00 0.00 0.00 0.00  
EMISFACT OLYN1-OLYN3 HROFDY 0.00 1.00 1.00 1.00 1.00 1.00  
EMISFACT OLYN1-OLYN3 HROFDY 1.00 1.00 1.00 1.00 1.00 0.00  
EMISFACT OLYN1-OLYN3 HROFDY 0.00 0.00 0.00 0.00 0.00 0.00

\*\* Source Group \*\*

SRCGROUP FIG\_N FIGNORTH FIGN1 FIGN2 FIGN3  
SRCGROUP OLYW OLYWEST1 OLYWEST2 OLYWEST3 OLYW4 OLYW5 OLYW6  
SRCGROUP FIGSOUTH FIGSOUTH FIGSOU2 FIGSOU3 FIGSOU4  
SRCGROUP FIGC FIGCENT FIGC1 FIGC3 FIGC4  
SRCGROUP OLYE OLYEAST1 OLYEAST2 OLYEAST3 OLYEAST4 OLYEAST5 OLYEAST7 OLYEAST8  
SRCGROUP OLYE OLYEAST9 OLYE11 OLYE12 OLYE13  
SRCGROUP OLYN OLYNORTH OLYN1 OLYN2 OLYN3  
SRCGROUP ALL

SO FINISHED

\*\*

\*\*\*\*\*

\*\* ISC Receptor Pathway

\*\*\*\*\*

\*\*

\*\*

RE STARTING

DISCCART 383199.43 3766925.87 71 1.5  
DISCCART 382527.22 3767960.94 72 1.5  
DISCCART 382157.89 3766586.41 65 1.5  
DISCCART 382094.67 3767049.06 66 1.5  
DISCCART 381923.45 3767615.25 67 1.5  
DISCCART 382684.75 3768239.68 82 1.5  
DISCCART 382328.86 3767727.50 69 1.5  
DISCCART 382383.12 3767673.49 70 1.5  
DISCCART 382293.02 3767637.65 68 1.5

DISCCART 382364.95 3767588.13 69 1.5  
DISCCART 382847.02 3766379.84 67 1.5  
DISCCART 383138.70 3767096.60 71 1.5  
DISCCART 383149.90 3767090.13 71 1.5  
DISCCART 383136.96 3767077.19 71 1.5  
DISCCART 383132.23 3767077.19 71 1.5  
DISCCART 383511.77 3767637.65 76 1.5  
DISCCART 383521.47 3767647.36 76 1.5  
DISCCART 383247.96 3767751.89 75 1.5  
DISCCART 383259.16 3767740.69 75 1.5

RE FINISHED

\*\*

\*\*\*\*\*

\*\* ISC Meteorology Pathway

\*\*\*\*\*

\*\*

\*\*

ME STARTING

INPUTFIL dat1130.TMP

ANEMHGHT 10 METERS

SURFDATA 52075 1981

UAIRDATA 91919 1981

ME FINISHED

\*\*

\*\*\*\*\*

\*\* ISC Output Pathway

\*\*\*\*\*

\*\*

\*\*

OU STARTING

RECTABLE ALLAVE FOURTH

RECTABLE 24 FOURTH

OU FINISHED

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

\*\*\* ISCST3 - VERSION 00101 \*\*\*      \*\*\* PM10 LA Entertainment  
\*\*\*

\*\*\* 10/06/00

\*\*MODELOPTs:

\*\*\* 12:01:22

CONC

URBAN ELEV FLGPOL

NOCALM

NOCMPL

PAGE 1

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

-----  
\*\*Simple Terrain Model 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 Accepts Receptors on ELEV Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

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

\*\*This Run Includes: 33 Source(s); 7 Source Group(s); and 19 Receptor(s)

\*\*The Model Assumes A Pollutant Type of: OTHER

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

\*\*Output Options Selected:

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)

\*\*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 = 1.2 MB of RAM.

\*\*Input Runstream File: LAENT.INP

\*\*Output Print File: LAENT.OUT

\*\*MODELOPTS:

CONC

URBAN ELEV FLGPOI

NOCALM

NOCMPL

\*\*\* 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
FIGCENT	0	0.28100E-05	383174.5 3767379.5	73.0	0.00	105.03	45.00	35.00	4.00	HROFDY
FIGNORTH	0	0.23600E-05	383396.5 3767698.8	76.0	0.00	24.14	55.00	35.00	4.00	HROFDY
OLYNORTH	0	0.29600E-05	383138.7 3767781.0	74.0	0.00	20.25	77.00	25.00	4.00	HROFDY
OLYEAST1	0	0.10942E-05	383060.3 3767650.0	73.0	0.00	78.00	126.93	25.00	4.00	HROFDY
OLYEAST2	0	0.14614E-06	383267.4 3767695.0	74.0	0.00	87.11	15.18	25.00	4.00	HROFDY
OLYEAST3	0	0.45265E-07	383324.1 3767684.8	75.0	0.00	33.60	12.19	25.00	4.00	HROFDY
OLYEAST4	0	0.32403E-06	383052.1 3767632.3	73.0	0.00	155.05	18.91	25.00	4.00	HROFDY
OLYEAST5	0	0.19443E-06	383041.4 3767607.8	72.0	0.00	65.45	26.88	25.00	4.00	HROFDY
OLYEAST7	0	0.55076E-07	383107.1 3767590.8	73.0	0.00	37.08	13.44	25.00	4.00	HROFDY
OLYEAST8	0	0.39435E-07	383035.4 3767596.0	72.0	0.00	29.86	11.95	25.00	4.00	HROFDY
OLYEAST9	0	0.44077E-07	383309.7 3767622.5	75.0	0.00	8.71	45.79	25.00	4.00	HROFDY
OLYWEST1	0	0.14295E-05	382899.0 3767654.0	73.0	0.00	32.50	192.88	25.00	4.00	HROFDY
OLYWEST2	0	0.93632E-06	382859.7 3767672.3	73.0	0.00	41.06	100.00	25.00	4.00	HROFDY
OLYWEST3	0	0.19346E-06	382915.7 3767755.5	73.0	0.00	25.63	33.10	25.00	4.00	HROFDY
FIGSOUTH	0	0.36900E-05	383094.7 3767267.5	72.0	0.00	105.03	31.00	35.00	4.00	HROFDY
OLYE11	0	0.10927E-05	383132.0 3767616.0	73.0	0.00	77.90	126.93	25.00	4.00	HROFDY
OLYE12	0	0.54806E-06	383202.9 3767584.3	74.0	0.00	39.07	126.93	25.00	4.00	HROFDY
OLYE13	0	0.54806E-06	383240.5 3767568.8	74.0	0.00	39.07	126.93	25.00	4.00	HROFDY
FIGSOU2	0	0.36900E-05	383111.3 3767292.8	72.0	0.00	105.03	31.11	35.00	4.00	HROFDY
FIGSOU3	0	0.36900E-05	383128.5 3767317.3	72.0	0.00	105.03	31.11	35.00	4.00	HROFDY
FIGSOU4	0	0.36900E-05	383145.9 3767343.8	73.0	0.00	105.03	31.11	35.00	4.00	HROFDY
FIGC1	0	0.28100E-05	383199.7 3767417.0	73.0	0.00	105.03	45.05	35.00	4.00	HROFDY
FIGC3	0	0.28100E-05	383225.1 3767454.3	73.0	0.00	105.03	45.05	35.00	4.00	HROFDY
FIGC4	0	0.28100E-05	383250.2 3767492.0	74.0	0.00	105.03	45.05	35.00	4.00	HROFDY
FIGN1	0	0.23900E-05	383456.8 3767656.3	76.0	0.00	24.14	55.00	35.00	4.00	HROFDY
FIGN2	0	0.23900E-05	383436.1 3767670.5	76.0	0.00	24.14	55.00	35.00	4.00	HROFDY
FIGN3	0	0.23900E-05	383415.7 3767684.8	76.0	0.00	24.14	55.00	35.00	4.00	HROFDY
OLYW4	0	0.14295E-05	382959.0 3767625.0	73.0	0.00	32.60	192.88	25.00	4.00	HROFDY
OLYW5	0	0.14295E-05	382988.4 3767610.5	73.0	0.00	32.60	192.88	25.00	4.00	HROFDY
OLYW6	0	0.14295E-05	382929.4 3767639.8	73.0	0.00	32.60	192.88	25.00	4.00	HROFDY
OLYN1	0	0.29600E-05	383175.3 3767763.5	74.0	0.00	20.16	76.90	25.00	4.00	HROFDY
OLYN2	0	0.29600E-05	383155.9 3767772.5	74.0	0.00	20.16	76.90	25.00	4.00	HROFDY
OLYN3	0	0.29600E-05	383194.2 3767754.8	74.0	0.00	20.16	76.90	25.00	4.00	HROFDY



\*\*MODELOPTs:  
CONC

URBAN ELEV FLGPOL

NOCALM

NOCMPL

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

GROUP ID

SOURCE IDs

FIG\_N      FIGNORTH, FIGN1 , FIGN2 , FIGN3 ,

OLYW      OLYWEST1, OLYWEST2, OLYWEST3, OLYW4 , OLYW5 , OLYW6 ,

FIGSOUTH FIGSOUTH, FIGSOU2 , FIGSOU3 , FIGSOU4 ,

FIGC      FIGCENT , FIGC1 , FIGC3 , FIGC4 ,

OLYE      OLYEAST1, OLYEAST2, OLYEAST3, OLYEAST4, OLYEAST5, OLYEAST7, OLYEAST8, OLYEAST9, OLYE11 , OLYE12 , OLYE13 ,

OLYN      OLYNORTH, OLYN1 , OLYN2 , OLYN3 ,

ALL      FIGCENT , FIGNORTH, OLYNORTH, OLYEAST1, OLYEAST2, OLYEAST3, OLYEAST4, OLYEAST5, OLYEAST7, OLYEAST8, OLYEAST9, OLYWEST1,  
         OLYWEST2, OLYWEST3, FIGSOUTH, OLYE11 , OLYE12 , OLYE13 , FIGSOU2 , FIGSOU3 , FIGSOU4 , FIGC1 , FIGC3 , FIGC4

         FIGN1 , FIGN2 , FIGN3 , OLYW4 , OLYW5 , OLYW6 , OLYN1 , OLYN2 , OLYN3 ,

\*\*MODELOPTs:

CONC

URBAN ELEV FLGPOL

NOCALM

NOCMPL

PAGE 4

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

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SOURCE ID = FIGCENT ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = FIGNORTH ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = OLYNORTH ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = OLYEAST1 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = OLYEAST2 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

\*\*MODELOPTs:

CONC

URBAN ELEV FLGPOL

NOCALM

NOCMPL

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
SOURCE ID = OLYEAST3 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = OLYEAST4 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = OLYEAST5 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = OLYEAST7 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = OLYEAST8 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

\*\*MODELOPTs:

CONC

URBAN ELEV FLGPOL

NOCALM

NOCMPL

\* 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 = OLYEAST9 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = OLYWEST1 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = OLYWEST2 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = OLYWEST3 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = FIGSOUTH ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

\*\*MODELOPTs:

\*\*\* 12:01:22

CONC

URBAN ELEV FIGPOL

NOCALM

NOCMPL

PAGE 7

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

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SOURCE ID = OLYE11 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = OLYE12 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = OLYE13 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = FIGSOU2 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = FIGSOU3 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

\*\*MODELOPTs:  
CONC

URBAN ELEV FLGPOL

NOCALM

NOCMPL

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

HR	SCALAR	HR	SCALAR	HR	SCALAR	HR	SCALAR	HR	SCALAR	HR	SCALAR
SOURCE ID = FIGS04 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = FIGC1 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = FIGC3 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = FIGC4 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = FIGN1 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

\*\*MODELOPTs:

CONC                                    URBAN   ELEV    FLGPOL                                    NOCALM                                    NOCMPL

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

HR	SCALAR	HR	SCALAR	HR	SCALAR	HR	SCALAR	HR	SCALAR	HR	SCALAR
SOURCE ID = FIGN2 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = FIGN3 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = OLYW4 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = OLYW5 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = OLYW6 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

\*\*MODELOPTs:  
CONC

URBAN ELEV FLGPOL

NOCALM

NOCMPL

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
SOURCE ID = OLYN1 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = OLYN2 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = OLYN3 ; 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	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.00000E+00	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00



\*\*MODELOPTs:

CONC

URBAN ELEV FLGPOL

NOCALM

NOCMPL

PAGE 11

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*

(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 383199.4, 3766925.8,	71.0,	1.5);	( 382527.2, 3767961.0,	72.0,	1.5);
( 382157.9, 3766586.5,	65.0,	1.5);	( 382094.7, 3767049.0,	66.0,	1.5);
( 381923.4, 3767615.3,	67.0,	1.5);	( 382684.8, 3768239.8,	82.0,	1.5);
( 382328.9, 3767727.5,	69.0,	1.5);	( 382383.1, 3767673.5,	70.0,	1.5);
( 382293.0, 3767637.8,	68.0,	1.5);	( 382364.9, 3767588.3,	69.0,	1.5);
( 382847.0, 3766379.8,	67.0,	1.5);	( 383138.7, 3767096.5,	71.0,	1.5);
( 383149.9, 3767090.3,	71.0,	1.5);	( 383137.0, 3767077.3,	71.0,	1.5);
( 383132.2, 3767077.3,	71.0,	1.5);	( 383511.8, 3767637.8,	76.0,	1.5);
( 383521.5, 3767647.3,	76.0,	1.5);	( 383248.0, 3767752.0,	75.0,	1.5);
( 383259.2, 3767740.8,	75.0,	1.5);			



\*\*MODELOPTS:

CONC

URBAN ELEV FLGPOL

NOCALM

NOCMPL

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

FILE: dat1130.TMP

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,F9.4,f10.1,f8.4,i4,f7.2)

SURFACE STATION NO.: 52075

UPPER AIR STATION NO.: 91919

NAME: UNKNOWN

NAME: UNKNOWN

YEAR: 1981

YEAR: 1981

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M)		USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
								RURAL	URBAN					
81	01	01	01	224.8	1.79	285.9	6	387.1	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	02	192.4	2.68	286.5	6	397.2	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	03	197.5	2.68	285.9	5	407.3	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	04	211.0	2.24	285.9	4	417.4	417.4	0.0000	0.0	0.0000	0	0.00
81	01	01	05	219.0	2.68	285.4	4	427.4	427.4	0.0000	0.0	0.0000	0	0.00
81	01	01	06	229.5	2.68	283.7	5	437.5	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	07	207.0	3.13	283.7	5	447.5	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	08	224.6	3.13	284.3	4	70.1	201.5	0.0000	0.0	0.0000	0	0.00
81	01	01	09	209.0	3.58	287.0	3	144.7	254.3	0.0000	0.0	0.0000	0	0.00
81	01	01	10	211.6	2.68	291.5	3	219.4	307.0	0.0000	0.0	0.0000	0	0.00
81	01	01	11	224.1	1.34	294.8	2	294.0	359.8	0.0000	0.0	0.0000	0	0.00
81	01	01	12	35.6	1.79	290.9	3	368.7	412.5	0.0000	0.0	0.0000	0	0.00
81	01	01	13	87.2	3.58	289.8	3	443.3	465.3	0.0000	0.0	0.0000	0	0.00
81	01	01	14	56.7	3.13	290.4	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	01	01	15	67.3	2.68	290.4	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	01	01	16	98.2	4.02	289.3	4	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	01	01	17	87.6	3.58	288.1	5	518.0	511.1	0.0000	0.0	0.0000	0	0.00
81	01	01	18	97.6	1.34	287.6	6	518.0	468.5	0.0000	0.0	0.0000	0	0.00
81	01	01	19	110.5	1.00	287.0	7	518.0	425.9	0.0000	0.0	0.0000	0	0.00
81	01	01	20	168.2	1.34	287.0	7	518.0	383.4	0.0000	0.0	0.0000	0	0.00
81	01	01	21	223.6	1.00	287.6	7	518.0	340.8	0.0000	0.0	0.0000	0	0.00
81	01	01	22	272.0	1.00	287.0	7	518.0	298.2	0.0000	0.0	0.0000	0	0.00
81	01	01	23	225.7	1.00	286.5	7	518.0	255.6	0.0000	0.0	0.0000	0	0.00
81	01	01	24	202.2	1.34	286.5	6	518.0	213.0	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.

\*\*MODELOPTS:

PAGE 14

CONC

URBAN ELEV FLGPOL

NOCALM

NOCMPL

\*\*\* THE 4TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIG\_N \*\*\*  
 INCLUDING SOURCE(S): FIGNORTH, FIGN1 , FIGN2 , FIGN3 ,

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

		** CONC OF OTHER		IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
383199.44	3766925.75	0.02733	(81102624)	382527.22	3767961.00	0.00639	(81111324)
382157.88	3766586.50	0.01196	(81021224)	382094.66	3767049.00	0.00976	(81122324)
381923.44	3767615.25	0.00621	(81022824)	382684.75	3768239.75	0.00615	(81051724)
382328.88	3767727.50	0.01201	(81022824)	382383.13	3767673.50	0.01263	(81022824)
382293.03	3767637.75	0.01031	(81022824)	382364.94	3767588.25	0.01155	(81052924)
382847.03	3766379.75	0.01033	(81011724)	383138.69	3767096.50	0.04156	(81122524)
383149.91	3767090.25	0.03963	(81122624)	383136.97	3767077.25	0.03901	(81122624)
383132.22	3767077.25	0.03951	(81122624)	383511.78	3767637.75	0.63720	(81021324)
383521.47	3767647.25	0.75578	(81011024)	383247.97	3767752.00	0.14642	(81111324)
383259.16	3767740.75	0.20059	(81111324)				

\*\*MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM NOCMPL

\*\*\* THE 4TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OLYW \*\*\*  
 INCLUDING SOURCE(S): OLYWEST1, OLYWEST2, OLYWEST3, OLYW4 , OLYW5 , OLYW6 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
383199.44	3766925.75	0.02258	(81030524)	382527.22	3767961.00	0.04717	(81012124)
382157.88	3766586.50	0.03924	(81111724)	382094.66	3767049.00	0.05772	(81032024)
381923.44	3767615.25	0.03686	(81112424)	382684.75	3768239.75	0.05316	(81111324)
382328.88	3767727.50	0.09729	(81112724)	382383.13	3767673.50	0.10253	(81022824)
382293.03	3767637.75	0.08295	(81112424)	382364.94	3767588.25	0.10918	(81052924)
382847.03	3766379.75	0.01853	(81111624)	383138.69	3767096.50	0.03448	(81030524)
383149.91	3767090.25	0.03495	(81030524)	383136.97	3767077.25	0.03447	(81060724)
383132.22	3767077.25	0.03619	(81060724)	383511.78	3767637.75	0.12270	(81111424)
383521.47	3767647.25	0.12643	(81111424)	383247.97	3767752.00	0.51077	(81100324)
383259.16	3767740.75	0.48084	(81100324)				

\*\*MODELOPTs:  
CONC

URBAN ELEV FLGPOL

NOCALM

NOCMPL

\*\*\* THE 4TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIGSOUTH \*\*\*  
INCLUDING SOURCE(S): FIGSOUTH, FIGSO2 , FIGSO3 , FIGSO4 ,

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

		** CONC OF OTHER		IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
383199.44	3766925.75	0.15614	(81090124)	382527.22	3767961.00	0.02883	(81111324)
382157.88	3766586.50	0.05903	(81021124)	382094.66	3767049.00	0.05357	(81022424)
381923.44	3767615.25	0.01694	(81111324)	382684.75	3768239.75	0.02606	(81111624)
382328.88	3767727.50	0.01977	(81100724)	382383.13	3767673.50	0.02319	(81122224)
382293.03	3767637.75	0.01964	(81122224)	382364.94	3767588.25	0.02346	(81012124)
382847.03	3766379.75	0.07251	(81102624)	383138.69	3767096.50	0.86084	(81122124)
383149.91	3767090.25	0.85205	(81112824)	383136.97	3767077.25	0.76367	(81112824)
383132.22	3767077.25	0.73918	(81112824)	383511.78	3767637.75	0.19650	(81081024)
383521.47	3767647.25	0.18710	(81081024)	383247.97	3767752.00	0.39770	(81053024)
383259.16	3767740.75	0.37426	(81081824)				

\*\*MODELOPTs:

CONC

URBAN ELEV FLGPOL

NOCALM

NOCMPL

\*\*\* THE 4TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIGC  
INCLUDING SOURCE(S): FIGCENT , FIGC1 , FIGC3 , FIGC4 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)
383199.44	3766925.75	0.17206	(81102624)	382527.22	3767961.00	0.02674	(81051724)
382157.88	3766586.50	0.05777	(81032024)	382094.66	3767049.00	0.05145	(81022424)
381923.44	3767615.25	0.03070	(81031924)	382684.75	3768239.75	0.02908	(81012724)
382328.88	3767727.50	0.02053	(81030224)	382383.13	3767673.50	0.03382	(81122324)
382293.03	3767637.75	0.03987	(81111324)	382364.94	3767588.25	0.05419	(81041924)
382847.03	3766379.75	0.06767	(81011924)	383138.69	3767096.50	0.48239	(81121924)
383149.91	3767090.25	0.47454	(81102624)	383136.97	3767077.25	0.44215	(81092724)
383132.22	3767077.25	0.44527	(81121924)	383511.78	3767637.75	0.44377	(81072924)
383521.47	3767647.25	0.41079	(81092724)	383247.97	3767752.00	0.60152	(81042324)
383259.16	3767740.75	0.68266	(81090524)				

\*\*MODELOPTs:  
CONC

URBAN ELEV FLGPOL

NOCALM

NOCMPL

\*\*\* THE 4TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OLYE \*\*\*  
INCLUDING SOURCE(S): OLYEAST1, OLYEAST2, OLYEAST3, OLYEAST4, OLYEAST5, OLYEAST7, OLYEAST8,  
OLYEAST9, OLYE11 , OLYE12 , OLYE13 ,

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

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
383199.44	3766925.75	0.03256	(81041924)	382527.22	3767961.00	0.02060	(81122224)
382157.88	3766586.50	0.03015	(81031024)	382094.66	3767049.00	0.02809	(81102924)
381923.44	3767615.25	0.02063	(81022824)	382684.75	3768239.75	0.03056	(81081724)
382328.88	3767727.50	0.04279	(81022824)	382383.13	3767673.50	0.05257	(81112724)
382293.03	3767637.75	0.03934	(81022824)	382364.94	3767588.25	0.04444	(81112424)
382847.03	3766379.75	0.02430	(81011724)	383138.69	3767096.50	0.05723	(81041924)
383149.91	3767090.25	0.05581	(81041924)	383136.97	3767077.25	0.05382	(81041924)
383132.22	3767077.25	0.05390	(81041924)	383511.78	3767637.75	0.24763	(81120524)
383521.47	3767647.25	0.24274	(81120524)	383247.97	3767752.00	1.34573	(81053024)
383259.16	3767740.75	1.36145	(81111224)				



\*\*MODELOPTs:  
CONC

URBAN ELEV FLGPOL

NOCALM

NOCMPL

\*\*\* THE 4TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OLYN \*\*\*  
INCLUDING SOURCE(S): OLYNORTH, OLYN1 , OLYN2 , OLYN3 ,

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

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
383199.44	3766925.75	0.01504	(81072024)	382527.22	3767961.00	0.02516	(81111324)
382157.88	3766586.50	0.01756	(81022124)	382094.66	3767049.00	0.01983	(81021124)
381923.44	3767615.25	0.01323	(81112424)	382684.75	3768239.75	0.02112	(81060824)
382328.88	3767727.50	0.02513	(81112424)	382383.13	3767673.50	0.03177	(81022424)
382293.03	3767637.75	0.02641	(81112724)	382364.94	3767588.25	0.03856	(81041924)
382847.03	3766379.75	0.01407	(81102624)	383138.69	3767096.50	0.02546	(81111624)
383149.91	3767090.25	0.02413	(81111624)	383136.97	3767077.25	0.02428	(81111624)
383132.22	3767077.25	0.02456	(81111624)	383511.78	3767637.75	0.06453	(81081224)
383521.47	3767647.25	0.06100	(81081224)	383247.97	3767752.00	1.05628	(81021324)
383259.16	3767740.75	0.70343	(81011024)				

\*\*MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM NOCMPL

\*\*\* THE 4TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): FIGCENT , FIGNORTH, OLYNORTH, OLYEAST1, OLYEAST2, OLYEAST3, OLYEAST4,  
 OLYEAST5, OLYEAST7, OLYEAST8, OLYEAST9, OLYWEST1, OLYWEST2, OLYWEST3, FIGSOUTH, OLYE11 , OLYE12 , OLYE13 , FIGSOU2 ,  
 FIGSOU3 , FIGSOU4 , FIGC1 , FIGC3 , FIGC4 , FIGN1 , FIGN2 , FIGN3 , OLYW4 , OLYW5 , OLYW6 , . . .

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

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
383199.44	3766925.75	0.34930	(81060724)	382527.22	3767961.00	0.11785	(81122224)
382157.88	3766586.50	0.15316	(81032024)	382094.66	3767049.00	0.15273	(81102924)
381923.44	3767615.25	0.11347	(81022824)	382684.75	3768239.75	0.15252	(81123124)
382328.88	3767727.50	0.19054	(81022824)	382383.13	3767673.50	0.21604	(81022824)
382293.03	3767637.75	0.18408	(81112424)	382364.94	3767588.25	0.22561	(81022424)
382847.03	3766379.75	0.18553	(81102624)	383138.69	3767096.50	1.30774	(81121924)
383149.91	3767090.25	1.25766	(81122124)	383136.97	3767077.25	1.11805	(81121924)
383132.22	3767077.25	1.16885	(81121924)	383511.78	3767637.75	0.89010	(81010224)
383521.47	3767647.25	1.04114	(81100324)	383247.97	3767752.00	2.40035	(81081824)
383259.16	3767740.75	2.38973	(81081824)				

\*\*\* ISCST3 - VERSION 00101 \*\*\*      \*\*\* PM10 LA Entertainment  
\*\*\*

\*\*\* 10/06/00

\*\*\* 12:01:22

\*\*\* PAGE 21

\*\*MODELOPTS:

CONC

URBAN ELEV FLGPOL

NOCALM

NOCMPL

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

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
FIG_N	HIGH 4TH HIGH VALUE IS	0.75578 ON 81011024: AT (	383521.47, 3767647.25, 76.00,	1.50) DC	NA
OLYW	HIGH 4TH HIGH VALUE IS	0.51077 ON 81100324: AT (	383247.97, 3767752.00, 75.00,	1.50) DC	NA
FIGSOUTH	HIGH 4TH HIGH VALUE IS	0.86084 ON 81122124: AT (	383138.69, 3767096.50, 71.00,	1.50) DC	NA
FIGC	HIGH 4TH HIGH VALUE IS	0.68266 ON 81090524: AT (	383259.16, 3767740.75, 75.00,	1.50) DC	NA
OLYE	HIGH 4TH HIGH VALUE IS	1.36145 ON 81111224: AT (	383259.16, 3767740.75, 75.00,	1.50) DC	NA
OLYN	HIGH 4TH HIGH VALUE IS	1.05628 ON 81021324: AT (	383247.97, 3767752.00, 75.00,	1.50) DC	NA
ALL	HIGH 4TH HIGH VALUE IS	2.40035 ON 81081824: AT (	383247.97, 3767752.00, 75.00,	1.50) DC	NA

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

\*\*\* ISCST3 - VERSION 00101 \*\*\*      \*\*\* PM10 LA Entertainment  
\*\*\*

\*\*\* 10/06/00

\*\*\* 12:01:22

\*\*MODELOPTs:

PAGE 22

CONC

URBAN ELEV FLGPOL

NOCALM

NOCMPL

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

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

A Total of            0 Fatal Error Message(s)  
A Total of            1 Warning Message(s)  
A Total of           692 Informational Message(s)  
  
A Total of            692 Calm Hours Identified

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

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
MX W420 520 METQA :Wind Speed Out-of-Range. KURDAT= 81012216

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