```
NO ECHO


 BEE-Line ISCST3 "BEEST" Version 9.00


 Input File - C:\IRMA\BEEST\DCModel\EECenter(unitless)gradualplumerise_90_DIESEL.DTA

Output File - C:\IRMA\BEEST\DCModel\EECenter(unitless)gradualplumerise_90_DIESEL.LST

   Met File - C:\metdata\UnionCity\metdata00-04600.asc



 *** Message Summary For ISC3 Model Setup ***

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

A Total of            0 Fatal Error Message(s)
A Total of            1 Warning Message(s)
A Total of            0 Informational Message(s)


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


   ********   WARNING MESSAGES   ********
RE W282  2397 CHK_EL:RecElev < SrcBase; See non-DFAULT HE>ZI option in  MCB#9

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


 *** ISCST3 - VERSION 02035 ***    *** Eastshore Energy LLC                                                    ***        01/25/07
                                   ***                                                                         ***        16:44:31
**MODELOPTs:                                                                                                             PAGE   1
CONC                    URBAN ELEV                GRDRIS

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

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

**Model Accepts Receptors on ELEV Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes:     1 Source(s);      4 Source Group(s); and    2357 Receptor(s)

**The Model Assumes A Pollutant Type of:  DIESEL

**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)

**NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and Missing Hours

**Misc. Inputs:  Anem. Hgt. (m) =    20.00 ;    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 =     1.4 MB of RAM.

**Input Runstream File:          EECenter(unitless)gradualplumerise_90_DIESEL.DTA
**Output Print File:             EECenter(unitless)gradualplumerise_90_DIESEL.LST
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
15	0	0.10000E+01	577581.7	4165776.2	7.0	10.00	735.15	41.47	0.18	YES	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID		SOURCE IDs
ALL	15	,
SA11	15	,
S15	15	,
15	15	,

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 15

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	9.0,	129.5,	0	2	9.0,	126.6,	0	3	9.0,	119.7,	0	4	9.0,	109.3,	0	5	9.0,	95.5,	0	6	9.0,	78.8,	0
7	9.0,	59.7,	0	8	9.0,	38.8,	0	9	6.7,	38.8,	0	10	9.0,	40.8,	0	11	9.0,	60.0,	0	12	9.0,	79.0,	0
13	9.0,	95.7,	0	14	9.0,	109.4,	0	15	13.3,	56.3,	0	16	13.3,	54.1,	0	17	13.3,	50.2,	0	18	13.3,	47.6,	0
19	13.3,	50.0,	0	20	13.3,	52.8,	0	21	9.0,	119.7,	0	22	9.0,	109.3,	0	23	9.0,	95.5,	0	24	9.0,	78.8,	0
25	9.0,	59.7,	0	26	9.0,	38.8,	0	27	6.7,	38.8,	0	28	9.0,	40.8,	0	29	9.0,	60.0,	0	30	9.0,	79.0,	0
31	9.0,	95.7,	0	32	9.0,	109.4,	0	33	9.0,	119.8,	0	34	9.0,	126.6,	0	35	9.0,	129.6,	0	36	9.0,	128.6,	0

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

(577932.8,	4166528.2,	8.6,	0.0);	(577932.8,	4166499.8,	9.1,	0.0);
(577936.3,	4166457.2,	9.1,	0.0);	(577936.3,	4166421.8,	8.8,	0.0);
(577939.9,	4166389.8,	8.8,	0.0);	(577939.9,	4166361.5,	8.8,	0.0);
(577954.1,	4166347.2,	8.8,	0.0);	(577982.5,	4166347.2,	8.8,	0.0);
(578003.8,	4166347.2,	8.9,	0.0);	(578032.2,	4166347.2,	9.1,	0.0);
(578071.2,	4166347.2,	9.2,	0.0);	(578096.1,	4166343.8,	9.4,	0.0);
(577993.1,	4166340.0,	8.8,	0.0);	(577964.8,	4166340.0,	8.8,	0.0);
(577943.4,	4166386.2,	8.8,	0.0);	(577947.0,	4166428.8,	8.8,	0.0);
(577939.9,	4166478.5,	9.1,	0.0);	(577939.9,	4166507.0,	9.1,	0.0);
(577477.6,	4165819.0,	6.3,	0.0);	(577479.0,	4165819.0,	6.4,	0.0);
(577488.7,	4165818.8,	6.4,	0.0);	(577498.4,	4165818.5,	6.4,	0.0);
(577508.1,	4165818.0,	6.4,	0.0);	(577517.8,	4165817.8,	6.4,	0.0);
(577527.5,	4165817.5,	6.6,	0.0);	(577537.1,	4165817.0,	6.7,	0.0);
(577546.8,	4165816.8,	6.7,	0.0);	(577556.5,	4165816.5,	6.7,	0.0);
(577566.2,	4165816.0,	6.7,	0.0);	(577575.9,	4165815.8,	6.9,	0.0);
(577585.6,	4165815.5,	7.0,	0.0);	(577595.3,	4165815.0,	7.0,	0.0);
(577605.0,	4165814.8,	7.0,	0.0);	(577614.7,	4165814.5,	7.2,	0.0);
(577624.4,	4165814.2,	7.3,	0.0);	(577634.0,	4165814.0,	7.3,	0.0);
(577643.7,	4165813.5,	7.3,	0.0);	(577653.4,	4165813.2,	7.3,	0.0);
(577663.1,	4165813.0,	7.4,	0.0);	(577672.8,	4165812.5,	7.6,	0.0);
(577682.5,	4165812.2,	7.6,	0.0);	(577691.6,	4165809.0,	7.6,	0.0);
(577700.7,	4165805.5,	7.6,	0.0);	(577709.7,	4165802.2,	7.9,	0.0);
(577718.8,	4165799.0,	7.9,	0.0);	(577726.2,	4165793.5,	7.9,	0.0);
(577733.6,	4165788.2,	7.9,	0.0);	(577741.0,	4165782.8,	7.9,	0.0);
(577748.4,	4165777.5,	7.9,	0.0);	(577755.8,	4165772.0,	8.1,	0.0);
(577755.9,	4165762.5,	8.2,	0.0);	(577756.0,	4165753.2,	8.2,	0.0);
(577756.2,	4165743.8,	8.2,	0.0);	(577756.3,	4165734.5,	8.2,	0.0);
(577756.4,	4165725.0,	8.2,	0.0);	(577756.4,	4165718.2,	8.2,	0.0);
(577746.8,	4165718.2,	8.2,	0.0);	(577737.1,	4165718.5,	8.1,	0.0);
(577727.5,	4165718.5,	7.9,	0.0);	(577717.8,	4165718.5,	7.9,	0.0);
(577708.1,	4165718.8,	7.9,	0.0);	(577698.5,	4165718.8,	7.7,	0.0);
(577688.8,	4165719.0,	7.6,	0.0);	(577679.2,	4165719.0,	7.6,	0.0);
(577669.5,	4165719.0,	7.6,	0.0);	(577659.8,	4165719.2,	7.3,	0.0);
(577650.2,	4165719.2,	7.3,	0.0);	(577640.5,	4165719.5,	7.3,	0.0);
(577630.9,	4165719.5,	7.3,	0.0);	(577621.2,	4165719.5,	7.0,	0.0);
(577611.5,	4165719.8,	7.0,	0.0);	(577601.9,	4165719.8,	7.0,	0.0);
(577592.2,	4165720.0,	7.0,	0.0);	(577582.6,	4165720.0,	6.8,	0.0);
(577572.9,	4165720.0,	6.7,	0.0);	(577563.2,	4165720.0,	6.7,	0.0);

```
( 577553.6, 4165720.2,       6.5,       0.0);          ( 577543.9, 4165720.2,       6.4,       0.0);
( 577534.3, 4165720.5,       6.4,       0.0);          ( 577524.6, 4165720.5,       6.2,       0.0);
( 577514.9, 4165720.5,       6.1,       0.0);          ( 577505.3, 4165720.8,       6.1,       0.0);
( 577495.6, 4165720.8,       6.1,       0.0);          ( 577486.0, 4165721.0,       6.1,       0.0);
( 577476.3, 4165721.0,       6.0,       0.0);          ( 577476.4, 4165730.8,       6.1,       0.0);
( 577476.6, 4165740.5,       6.1,       0.0);          ( 577476.7, 4165750.5,       6.1,       0.0);
( 577476.8, 4165760.2,       6.1,       0.0);          ( 577477.0, 4165770.0,       6.1,       0.0);
```


*** 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	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
B	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
C	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00
D	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
E	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00
F	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+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: metdata00-04600.asc
FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
SURFACE STATION NO.: 1901 UPPER AIR STATION NO.: 1901
NAME: UNKNOWN NAME: UNKNOWN
YEAR: 1990 YEAR: 1990

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)
90	01	01	01	342.0	2.15	283.0	4	600.0	600.0	0.0000	0.0	0.0000	0	0.00
90	01	01	02	303.0	1.00	283.0	5	600.0	600.0	0.0000	0.0	0.0000	0	0.00
90	01	01	03	267.0	1.07	283.0	6	600.0	600.0	0.0000	0.0	0.0000	0	0.00
90	01	01	04	288.0	1.00	282.8	6	600.0	600.0	0.0000	0.0	0.0000	0	0.00
90	01	01	05	296.0	1.00	282.4	5	600.0	600.0	0.0000	0.0	0.0000	0	0.00
90	01	01	06	312.0	1.70	282.0	5	600.0	600.0	0.0000	0.0	0.0000	0	0.00
90	01	01	07	326.0	2.19	281.8	6	600.0	600.0	0.0000	0.0	0.0000	0	0.00
90	01	01	08	314.0	2.59	281.5	5	600.0	600.0	0.0000	0.0	0.0000	0	0.00
90	01	01	09	304.0	2.10	281.9	4	600.0	600.0	0.0000	0.0	0.0000	0	0.00
90	01	01	10	303.0	2.15	282.9	3	600.0	600.0	0.0000	0.0	0.0000	0	0.00
90	01	01	11	333.0	2.32	284.1	3	600.0	600.0	0.0000	0.0	0.0000	0	0.00
90	01	01	12	339.0	3.31	284.5	4	600.0	600.0	0.0000	0.0	0.0000	0	0.00
90	01	01	13	345.0	2.24	284.1	3	600.0	600.0	0.0000	0.0	0.0000	0	0.00
90	01	01	14	335.0	2.82	283.5	3	600.0	600.0	0.0000	0.0	0.0000	0	0.00
90	01	01	15	341.0	2.68	283.1	2	600.0	600.0	0.0000	0.0	0.0000	0	0.00
90	01	01	16	360.0	2.01	283.4	1	600.0	600.0	0.0000	0.0	0.0000	0	0.00
90	01	01	17	64.0	1.00	282.8	2	600.0	600.0	0.0000	0.0	0.0000	0	0.00
90	01	01	18	36.0	1.16	282.5	3	600.0	600.0	0.0000	0.0	0.0000	0	0.00
90	01	01	19	106.0	1.97	282.5	4	600.0	600.0	0.0000	0.0	0.0000	0	0.00
90	01	01	20	69.0	1.00	282.5	5	600.0	600.0	0.0000	0.0	0.0000	0	0.00
90	01	01	21	112.0	2.50	281.9	5	600.0	600.0	0.0000	0.0	0.0000	0	0.00
90	01	01	22	131.0	1.83	281.0	4	600.0	600.0	0.0000	0.0	0.0000	0	0.00

90 01 01 23	151.0	2.46	280.8	5	600.0	600.0	0.0000	0.0	0.0000	0	0.00
90 01 01 24	227.0	1.74	280.0	5	600.0	600.0	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 (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 15 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD (M)	CONC	
577932.75	4166528.25	0.38215		577932.75	4166499.75	0.40169	
577936.31	4166457.25	0.42844		577936.31	4166421.75	0.45316	
577939.88	4166389.75	0.47886		577939.88	4166361.50	0.50581	
577954.06	4166347.25	0.51610		577982.50	4166347.25	0.50824	
578003.81	4166347.25	0.50367		578032.19	4166347.25	0.49782	
578071.25	4166347.25	0.48648		578096.12	4166343.75	0.48157	
577993.12	4166340.00	0.51356		577964.75	4166340.00	0.52100	RES
577943.44	4166386.25	0.48074		577947.00	4166428.75	0.44355	
577939.88	4166478.50	0.41246		577939.88	4166507.00	0.39440	
577477.62	4165819.00	3.09072		577479.00	4165819.00	3.15002	
577488.69	4165818.75	3.36975		577498.38	4165818.50	3.61986	
577508.12	4165818.00	3.88387		577517.81	4165817.75	4.26888	
577527.50	4165817.50	5.65753		577537.12	4165817.00	7.69417	
577546.81	4165816.75	10.55177		577556.50	4165816.50	13.77655	
577566.19	4165816.00	14.55918		577575.88	4165815.75	11.86849	
577585.62	4165815.50	8.58663		577595.31	4165815.00	7.40701	
577605.00	4165814.75	7.86360		577614.69	4165814.50	9.25977	
577624.38	4165814.25	10.25516		577634.00	4165814.00	10.67657	
577643.69	4165813.50	10.89088		577653.38	4165813.25	11.21649	
577663.12	4165813.00	11.63138		577672.81	4165812.50	11.93098	
577682.50	4165812.25	11.78340		577691.62	4165809.00	12.47078	
577700.69	4165805.50	13.03301		577709.69	4165802.25	13.42173	
577718.81	4165799.00	13.45791		577726.19	4165793.50	14.10096	
577733.62	4165788.25	14.44005		577741.00	4165782.75	14.62820	
577748.38	4165777.50	14.57869		577755.81	4165772.00	14.47177	
577755.88	4165762.50	15.78101		577756.00	4165753.25	16.74888	
577756.19	4165743.75	17.38327		577756.31	4165734.50	17.63976	
577756.38	4165725.00	17.54350	IND (CUM)	577756.38	4165718.25	17.27776	
577746.81	4165718.25	18.73650		577737.12	4165718.50	20.36184	

577727.50	4165718.50	22.07144	577717.81	4165718.50	24.04777	
577708.12	4165718.75	26.23095	577698.50	4165718.75	28.28960	
577688.81	4165719.00	30.50341	577679.19	4165719.00	32.57171	
577669.50	4165719.00	34.30567	577659.81	4165719.25	35.02845	IND
577650.19	4165719.25	35.02361	577640.50	4165719.50	33.81364	
577630.88	4165719.50	31.07071	577621.19	4165719.50	27.82691	
577611.50	4165719.75	25.78679	577601.88	4165719.75	22.43861	
577592.19	4165720.00	18.43530	577582.62	4165720.00	13.24175	
577572.88	4165720.00	8.24627	577563.19	4165720.00	4.75374	
577553.62	4165720.25	2.56764	577543.88	4165720.25	1.50911	
577534.31	4165720.50	1.05879	577524.62	4165720.50	0.85775	

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	35.02845 AT	(577659.81, 4165719.25, 7.30, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	35.02361 AT	(577650.19, 4165719.25, 7.30, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	34.30567 AT	(577669.50, 4165719.00, 7.60, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	33.81364 AT	(577640.50, 4165719.50, 7.30, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	32.57171 AT	(577679.19, 4165719.00, 7.60, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	31.07071 AT	(577630.88, 4165719.50, 7.30, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	30.50341 AT	(577688.81, 4165719.00, 7.60, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	29.12955 AT	(577670.00, 4165710.00, 7.60, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	29.09073 AT	(577660.00, 4165710.00, 7.30, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	28.58663 AT	(577650.00, 4165710.00, 7.30, 0.00)	DC	NA
SA11	1ST HIGHEST VALUE IS	35.02845 AT	(577659.81, 4165719.25, 7.30, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	35.02361 AT	(577650.19, 4165719.25, 7.30, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	34.30567 AT	(577669.50, 4165719.00, 7.60, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	33.81364 AT	(577640.50, 4165719.50, 7.30, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	32.57171 AT	(577679.19, 4165719.00, 7.60, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	31.07071 AT	(577630.88, 4165719.50, 7.30, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	30.50341 AT	(577688.81, 4165719.00, 7.60, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	29.12955 AT	(577670.00, 4165710.00, 7.60, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	29.09073 AT	(577660.00, 4165710.00, 7.30, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	28.58663 AT	(577650.00, 4165710.00, 7.30, 0.00)	DC	NA
S15	1ST HIGHEST VALUE IS	35.02845 AT	(577659.81, 4165719.25, 7.30, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	35.02361 AT	(577650.19, 4165719.25, 7.30, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	34.30567 AT	(577669.50, 4165719.00, 7.60, 0.00)	DC	NA

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        4TH HIGHEST VALUE IS      33.81364 AT (  577640.50,  4165719.50,      7.30,      0.00)  DC      NA
        5TH HIGHEST VALUE IS      32.57171 AT (  577679.19,  4165719.00,      7.60,      0.00)  DC      NA
        6TH HIGHEST VALUE IS      31.07071 AT (  577630.88,  4165719.50,      7.30,      0.00)  DC      NA
        7TH HIGHEST VALUE IS      30.50341 AT (  577688.81,  4165719.00,      7.60,      0.00)  DC      NA
        8TH HIGHEST VALUE IS      29.12955 AT (  577670.00,  4165710.00,      7.60,      0.00)  DC      NA
        9TH HIGHEST VALUE IS      29.09073 AT (  577660.00,  4165710.00,      7.30,      0.00)  DC      NA
       10TH HIGHEST VALUE IS      28.58663 AT (  577650.00,  4165710.00,      7.30,      0.00)  DC      NA
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                                        *** THE SUMMARY OF MAXIMUM PERIOD ( 43824 HRS) RESULTS ***


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

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

15      1ST HIGHEST VALUE IS      35.02845 AT (  577659.81,  4165719.25,      7.30,      0.00)  DC      NA
        2ND HIGHEST VALUE IS      35.02361 AT (  577650.19,  4165719.25,      7.30,      0.00)  DC      NA
        3RD HIGHEST VALUE IS      34.30567 AT (  577669.50,  4165719.00,      7.60,      0.00)  DC      NA
        4TH HIGHEST VALUE IS      33.81364 AT (  577640.50,  4165719.50,      7.30,      0.00)  DC      NA
        5TH HIGHEST VALUE IS      32.57171 AT (  577679.19,  4165719.00,      7.60,      0.00)  DC      NA
        6TH HIGHEST VALUE IS      31.07071 AT (  577630.88,  4165719.50,      7.30,      0.00)  DC      NA
        7TH HIGHEST VALUE IS      30.50341 AT (  577688.81,  4165719.00,      7.60,      0.00)  DC      NA
        8TH HIGHEST VALUE IS      29.12955 AT (  577670.00,  4165710.00,      7.60,      0.00)  DC      NA
        9TH HIGHEST VALUE IS      29.09073 AT (  577660.00,  4165710.00,      7.30,      0.00)  DC      NA
       10TH HIGHEST VALUE IS      28.58663 AT (  577650.00,  4165710.00,      7.30,      0.00)  DC      NA


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



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


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

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

ALL      HIGH  1ST HIGH VALUE IS     979.23785  ON 91040703: AT (  577592.19,  4165720.00,      7.00,      0.00)  DC      NA

SA11     HIGH  1ST HIGH VALUE IS     979.23785  ON 91040703: AT (  577592.19,  4165720.00,      7.00,      0.00)  DC      NA

S15      HIGH  1ST HIGH VALUE IS     979.23785  ON 91040703: AT (  577592.19,  4165720.00,      7.00,      0.00)  DC      NA

15       HIGH  1ST HIGH VALUE IS     979.23785  ON 91040703: AT (  577592.19,  4165720.00,      7.00,      0.00)  DC      NA


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

 *** ISCST3 - VERSION 02035 ***    *** Eastshore Energy LLC                                                    ***        01/25/07
                                   ***                                                                         ***        16:44:31
**MODELOPTs:                                                                                                              PAGE 277
CONC                    URBAN ELEV                GRDRIS


*** 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          133 Informational Message(s)

A Total of          133 Calm Hours Identified


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


   ********   WARNING MESSAGES   ********
RE W282  2397 CHK_EL:RecElev < SrcBase; See non-DFAULT HE>ZI option in  MCB#9

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