

04/10/06
15:45:41

*** SCREEN3 MODEL RUN ***
*** VERSION DATED 96043 ***

CENTRAL EOLICA - SO2

SIMPLE TERRAIN INPUTS:

SOURCE TYPE = AREA
EMISSION RATE (G/(S-M**2)) = .116000E-06
SOURCE HEIGHT (M) = .0000
LENGTH OF LARGER SIDE (M) = 500.0000
LENGTH OF SMALLER SIDE (M) = 50.0000
RECEPTOR HEIGHT (M) = 2.0000
URBAN/RURAL OPTION = RURAL

THE REGULATORY (DEFAULT) MIXING HEIGHT OPTION WAS SELECTED.
THE REGULATORY (DEFAULT) ANEMOMETER HEIGHT OF 10.0 METERS WAS ENTERED.

MODEL ESTIMATES DIRECTION TO MAX CONCENTRATION
BUOY. FLUX = .000 M**4/S**3; MOM. FLUX = .000 M**4/S**2.

*** FULL METEOROLOGY ***

*** SCREEN AUTOMATED DISTANCES ***

*** TERRAIN HEIGHT OF 0. M ABOVE STACK BASE USED FOR FOLLOWING DISTANCES ***

DIST (M)	CONC (UG/M**3)	STAB	U10M (M/S)	USTK (M/S)	MIX HT (M)	PLUME HT (M)	MAX DIR (DEG)
3000.	.3684	6	1.0	1.0	10000.0	.00	0.
3500.	.2985	6	1.0	1.0	10000.0	.00	0.
4000.	.2493	6	1.0	1.0	10000.0	.00	0.
4500.	.2126	6	1.0	1.0	10000.0	.00	0.
5000.	.1842	6	1.0	1.0	10000.0	.00	0.
5500.	.1618	6	1.0	1.0	10000.0	.00	0.
6000.	.1437	6	1.0	1.0	10000.0	.00	0.
6500.	.1289	6	1.0	1.0	10000.0	.00	0.
7000.	.1167	6	1.0	1.0	10000.0	.00	0.
7500.	.1066	6	1.0	1.0	10000.0	.00	0.
8000.	.9797E-01	6	1.0	1.0	10000.0	.00	0.
8500.	.9054E-01	6	1.0	1.0	10000.0	.00	0.
9000.	.8405E-01	6	1.0	1.0	10000.0	.00	0.
9500.	.7832E-01	6	1.0	1.0	10000.0	.00	0.
10000.	.7324E-01	6	1.0	1.0	10000.0	.00	0.
15000.	.4319E-01	6	1.0	1.0	10000.0	.00	0.
20000.	.3047E-01	6	1.0	1.0	10000.0	.00	0.
25000.	.2328E-01	6	1.0	1.0	10000.0	.00	0.

*** SCREEN DISCRETE DISTANCES ***

*** TERRAIN HEIGHT OF 0. M ABOVE STACK BASE USED FOR FOLLOWING DISTANCES ***

DIST (M)	CONC (UG/M**3)	STAB	U10M (M/S)	USTK (M/S)	MIX HT (M)	PLUME HT (M)	MAX DIR (DEG)
3600.	.2874	6	1.0	1.0	10000.0	.00	0.
9100.	.8285E-01	6	1.0	1.0	10000.0	.00	0.
13000.	.5202E-01	6	1.0	1.0	10000.0	.00	0.
20500.	.2958E-01	6	1.0	1.0	10000.0	.00	0.
24400.	.2397E-01	6	1.0	1.0	10000.0	.00	0.

** REMEMBER TO INCLUDE BACKGROUND CONCENTRATIONS **