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

CENTRAL EOLICA - MP10

SIMPLE TERRAIN INPUTS:

SOURCE TYPE	=	AREA
EMISSION RATE (G/(S-M**2))	=	.253700E-05
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.	8.057	6	1.0	1.0	10000.0	.00	0.
3500.	6.529	6	1.0	1.0	10000.0	.00	0.
4000.	5.453	6	1.0	1.0	10000.0	.00	0.
4500.	4.649	6	1.0	1.0	10000.0	.00	0.
5000.	4.028	6	1.0	1.0	10000.0	.00	0.
5500.	3.538	6	1.0	1.0	10000.0	.00	0.
6000.	3.144	6	1.0	1.0	10000.0	.00	0.
6500.	2.820	6	1.0	1.0	10000.0	.00	0.
7000.	2.552	6	1.0	1.0	10000.0	.00	0.
7500.	2.331	6	1.0	1.0	10000.0	.00	0.
8000.	2.143	6	1.0	1.0	10000.0	.00	0.
8500.	1.980	6	1.0	1.0	10000.0	.00	0.
9000.	1.838	6	1.0	1.0	10000.0	.00	0.
9500.	1.713	6	1.0	1.0	10000.0	.00	0.
10000.	1.602	6	1.0	1.0	10000.0	.00	0.
15000.	.9446	6	1.0	1.0	10000.0	.00	0.
20000.	.6665	6	1.0	1.0	10000.0	.00	0.
25000.	.5091	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.	6.285	6	1.0	1.0	10000.0	.00	0.
9100.	1.812	6	1.0	1.0	10000.0	.00	0.
13000.	1.138	6	1.0	1.0	10000.0	.00	0.
20500.	.6469	6	1.0	1.0	10000.0	.00	0.
24400.	.5242	6	1.0	1.0	10000.0	.00	0.

** REMEMBER TO INCLUDE BACKGROUND CONCENTRATIONS **