

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

03/08/04
 11:46:17

RIGMRIM SRT pire cas

SIMPLE TERRAIN INPUTS:

SOURCE TYPE = AREA
 EMISSION RATE (G/(S-M**2)) = .137400E-06
 SOURCE HEIGHT (M) = 2.4000
 LENGTH OF LARGER SIDE (M) = 477.0000
 LENGTH OF SMALLER SIDE (M) = 262.0000
 RECEPTOR HEIGHT (M) = 1.5000
 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)
100.	8.295	6	1.0	1.0	10000.0	2.40	26.
200.	9.741	6	1.0	1.0	10000.0	2.40	26.
300.	10.15	6	1.0	1.0	10000.0	2.40	28.
400.	8.151	6	1.0	1.0	10000.0	2.40	28.
500.	6.791	6	1.0	1.0	10000.0	2.40	27.
600.	5.829	6	1.0	1.0	10000.0	2.40	25.
700.	5.138	6	1.0	1.0	10000.0	2.40	25.
800.	4.612	6	1.0	1.0	10000.0	2.40	24.
900.	4.205	6	1.0	1.0	10000.0	2.40	23.
1000.	3.884	6	1.0	1.0	10000.0	2.40	22.
1100.	3.618	6	1.0	1.0	10000.0	2.40	21.
1200.	3.392	6	1.0	1.0	10000.0	2.40	19.
1300.	3.199	6	1.0	1.0	10000.0	2.40	18.
1400.	3.029	6	1.0	1.0	10000.0	2.40	17.
1500.	2.877	6	1.0	1.0	10000.0	2.40	15.
1600.	2.741	6	1.0	1.0	10000.0	2.40	13.
1700.	2.617	6	1.0	1.0	10000.0	2.40	8.
1800.	2.506	6	1.0	1.0	10000.0	2.40	7.
1900.	2.405	6	1.0	1.0	10000.0	2.40	0.
2000.	2.312	6	1.0	1.0	10000.0	2.40	0.

MAXIMUM 1-HR CONCENTRATION AT OR BEYOND 100. M:
 281. 10.49 6 1.0 1.0 10000.0 2.40 28.

 *** SUMMARY OF SCREEN MODEL RESULTS ***

CALCULATION PROCEDURE	MAX CONC (UG/M**3)	DIST TO MAX (M)	TERRAIN HT (M)
SIMPLE TERRAIN	10.49	281.	0.