



CAL3QHC: LINE SOURCE DISPERSION MODEL - VERSION 2.0

Dated 95221

PAGE 1

JOB: RT 300 AT RT 52 EX SAT PM2.5  
RT 52 EX SAT PM2.5

RUN: RT 300 AT

DATE : 2/16/ 7

TIME : 1:41:31

The MODE flag has been set to P for calculating PM averages.

SITE & METEOROLOGICAL VARIABLES

-----  
VS = .0 CM/S VD = .0 CM/S Z0 = 108. CM  
U = 1.0 M/S CLAS = 4 (D) ATIM = 60. MINUTES MIXH =  
1000. M AMB = .0 ug/m\*\*3

LINK VARIABLES

-----  
LINK DESCRIPTION \* LINK COORDINATES (FT) \*  
LENGTH BRG TYPE VPH EF H W V/C QUEUE \*  
\* X1 Y1 X2 Y2 \*  
(FT) (DEG) (G/MI) (FT) (FT) (VEH)  
-----  
1. F1 SB 300 TO 52 \* 500.0 12.0 12.0 12.0 \*  
488. 270. AG 700. .0 .0 24.0  
2. F2 SB 300 PAST 52 \* 12.0 12.0 -500.0 12.0 \*  
512. 270. AG 812. .0 .0 24.0  
3. F3 NB 300 TO 52 \* -500.0 -12.0 12.0 -12.0 \*  
512. 90. AG 830. .0 .0 24.0  
4. F4 NB 300 PAST 52 \* 12.0 -12.0 500.0 -12.0 \*  
488. 90. AG 610. .0 .0 24.0  
5. F5 WB 52 TO 300 \* 12.0 -500.0 12.0 12.0 \*  
512. 360. AG 300. .0 .0 24.0  
6. F6 WB 52 PAST 200 \* 12.0 12.0 500.0 -12.0 \*  
489. 93. AG 523. .0 .0 24.0  
7. F7 EB 52 TO 300 \* 500.0 -12.0 -12.0 -12.0 \*  
512. 270. AG 460. .0 .0 24.0  
8. F8 EB 52 PAST 300 \* -12.0 12.0 -12.0 -500.0 \*  
512. 180. AG 345. .0 .0 24.0  
9. Q1 SB 300 TO 52 TR \* 39.0 12.0 191.3 12.0 \*  
152. 90. AG 0. 100.0 .0 12.0 .71 7.7  
10. Q2 SB 300 TO 52 L \* 39.0 .0 65.0 .0 \*  
26. 90. AG 0. 100.0 .0 12.0 .18 1.3  
11. Q3 WB 300 TO 52 TR \* -39.0 -12.0 -179.7 -12.0 \*  
141. 270. AG 0. 100.0 .0 12.0 .65 7.1  
12. Q4 NB 300 TO 52 L \* -39.0 .0 -86.4 .0 \*  
47. 270. AG 0. 100.0 .0 24.0 .34 2.4  
13. Q5 WB 52 TO 300 \* 12.0 -39.0 12.0 -84.1 \*  
45. 180. AG 0. 100.0 .0 24.0 .32 2.3  
14. Q6 EB 52 TO 300 \* -12.0 39.0 -12.0 -30.2 \*  
69. 180. AG 0. 100.0 .0 24.0 .52 3.5

PAGE 2

JOB: RT 300 AT RT 52 EX SAT PM2.5  
RT 52 EX SAT PM2.5

RUN: RT 300 AT

DATE : 2/16/ 7

TIME : 1:41:31

	9.	Q1	SB	300	TO	52	TR	*	100	44	5.0	633	1832
.01	1			3									
	10.	Q2	SB	300	TO	52	L	*	100	71	5.0	67	1652
.01	1			3									
	11.	Q3	WB	300	TO	52	TR	*	100	44	5.0	585	1827
.01	1			3									
	12.	Q4	NB	300	TO	52	L	*	100	71	5.0	245	1652
.01	1			3									
	13.	Q5	WB	52	TO	300		*	100	55	5.0	300	1252
.01	1			3									
	14.	Q6	EB	52	TO	300		*	100	55	5.0	460	1166
.01	1			3									

# RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)			*
	*	X	Y	Z	*
1. REC 1	*	32.0	31.0	6.0	*
2. REC 2	*	82.0	31.0	6.0	*
3. REC 3	*	132.0	31.0	6.0	*
4. REC 4	*	182.0	31.0	6.0	*
5. REC 5	*	232.0	31.0	6.0	*
6. REC 6	*	282.0	31.0	6.0	*
7. REC 7	*	32.0	-31.0	6.0	*
8. REC 8	*	82.0	-31.0	6.0	*
9. REC 9	*	132.0	-31.0	6.0	*
10. REC 10	*	182.0	-31.0	6.0	*
11. REC 11	*	232.0	-31.0	6.0	*
12. REC 12	*	282.0	-31.0	6.0	*
13. REC 13	*	-32.0	-31.0	6.0	*
14. REC 14	*	-82.0	-31.0	6.0	*
15. REC 15	*	-132.0	-31.0	6.0	*
16. REC 16	*	-182.0	-31.0	6.0	*
17. REC 17	*	-232.0	-31.0	6.0	*
18. REC 18	*	-282.0	-31.0	6.0	*
19. REC 19	*	-282.0	32.0	6.0	*
20. REC 20	*	-232.0	32.0	6.0	*
21. REC 21	*	-182.0	32.0	6.0	*
22. REC 22	*	-132.0	32.0	6.0	*
23. REC 23	*	-82.0	32.0	6.0	*
24. REC 24	*	-32.0	32.0	6.0	*
25. REC 25	*	-32.0	282.0	6.0	*
26. REC 26	*	-32.0	232.0	6.0	*
27. REC 27	*	-32.0	182.0	6.0	*
28. REC 28	*	-32.0	132.0	6.0	*
29. REC 29	*	-32.0	82.0	6.0	*
30. REC 30	*	31.0	282.0	6.0	*
31. REC 31	*	31.0	232.0	6.0	*

32. REC 32	*	31.0	182.0	6.0	*
33. REC 33	*	31.0	132.0	6.0	*
34. REC 34	*	31.0	82.0	6.0	*
35. REC 35	*	32.0	82.0	6.0	*
36. REC 36	*	32.0	132.0	6.0	*
37. REC 37	*	32.0	182.0	6.0	*
38. REC 38	*	32.0	232.0	6.0	*
39. REC 39	*	32.0	282.0	6.0	*
40. REC 40	*	-31.0	82.0	6.0	*
41. REC 41	*	-31.0	132.0	6.0	*
42. REC 42	*	-31.0	182.0	6.0	*
43. REC 43	*	-31.0	232.0	6.0	*
44. REC 44	*	-31.0	282.0	6.0	*

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JOB: RT 300 AT RT 52 EX SAT PM2.5  
RT 52 EX SAT PM2.5

RUN: RT 300 AT

MODEL RESULTS

REMARKS : In search of the angle corresponding to  
the maximum concentration, only the first  
angle, of the angles with same maximum  
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND \* CONCENTRATION  
ANGLE \* (ug/m\*\*3)  
(DEGR)\* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12  
REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20  
-----\*-----  
-----\*-----  
0. \* 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 0. 0.  
2. \* 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 0. 0.  
4. \* 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 0. 0.  
6. \* 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 0. 0.  
8. \* 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 0. 0.  
10. \* 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 0. 0.  
12. \* 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 0. 0.  
14. \* 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 0. 0.  
16. \* 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 0. 0.  
18. \* 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 0. 0.  
20. \* 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 0. 0.  
22. \* 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 0. 0.  
24. \* 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 0. 0.  
26. \* 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 0. 0.  
28. \* 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 0. 0.  
30. \* 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 0. 0.  
32. \* 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 0. 0.  
34. \* 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 1. 1.  
2. 1. 1. 1. 1. 1. 0. 0.

36.	*	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.
2.	1.	1.	1.	1.	1.	0.	0.						
38.	*	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.
2.	1.	1.	1.	1.	1.	0.	0.						
40.	*	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.
2.	1.	1.	1.	1.	1.	0.	0.						
42.	*	0.	0.	0.	0.	0.	0.	1.	1.	2.	2.	2.	2.
2.	1.	1.	1.	1.	1.	0.	0.						
44.	*	0.	0.	0.	0.	0.	0.	1.	2.	2.	2.	2.	2.
2.	1.	1.	1.	1.	1.	0.	0.						
46.	*	0.	0.	0.	0.	0.	0.	2.	2.	2.	2.	2.	2.
2.	1.	1.	1.	1.	1.	0.	0.						
48.	*	0.	0.	0.	0.	0.	0.	2.	2.	2.	2.	2.	2.
2.	1.	1.	1.	1.	1.	0.	0.						
50.	*	0.	0.	0.	0.	0.	0.	2.	2.	2.	2.	2.	2.
2.	1.	1.	1.	1.	1.	0.	0.						
52.	*	0.	0.	0.	0.	0.	0.	2.	2.	2.	2.	2.	2.
2.	1.	1.	1.	1.	1.	0.	0.						
54.	*	0.	0.	0.	0.	0.	0.	2.	2.	2.	2.	2.	2.
2.	1.	1.	1.	1.	1.	0.	0.						
56.	*	0.	0.	0.	0.	0.	0.	2.	2.	2.	2.	2.	2.
2.	1.	1.	1.	1.	1.	0.	0.						
58.	*	0.	0.	0.	0.	0.	0.	2.	2.	2.	2.	2.	2.
2.	1.	1.	1.	1.	1.	0.	0.						
60.	*	0.	0.	0.	0.	0.	0.	2.	2.	2.	2.	2.	2.
2.	2.	1.	1.	1.	1.	0.	0.						
62.	*	0.	0.	0.	0.	0.	0.	2.	2.	2.	2.	2.	2.
2.	2.	1.	1.	1.	1.	0.	0.						
64.	*	0.	0.	0.	0.	0.	0.	2.	2.	2.	2.	2.	2.
2.	2.	1.	1.	1.	1.	0.	0.						
66.	*	0.	0.	0.	0.	0.	0.	2.	2.	2.	2.	2.	2.
2.	2.	2.	1.	1.	1.	0.	0.						
68.	*	0.	0.	0.	0.	0.	0.	2.	2.	2.	2.	2.	2.
2.	2.	2.	1.	1.	1.	0.	0.						
70.	*	0.	0.	0.	0.	0.	0.	2.	2.	2.	2.	2.	2.
2.	2.	2.	2.	1.	1.	0.	0.						
72.	*	0.	0.	0.	0.	0.	0.	2.	2.	2.	2.	2.	2.
2.	2.	2.	2.	2.	1.	0.	0.						
74.	*	0.	0.	0.	0.	0.	0.	2.	2.	2.	2.	2.	2.
2.	2.	1.	2.	2.	2.	0.	0.						
76.	*	0.	0.	0.	0.	0.	0.	2.	2.	2.	2.	2.	2.
2.	2.	2.	2.	2.	2.	0.	0.						
78.	*	0.	0.	0.	0.	0.	0.	2.	2.	2.	2.	2.	2.
2.	2.	2.	2.	2.	2.	0.	0.						
80.	*	0.	0.	0.	0.	0.	0.	2.	2.	2.	2.	2.	1.
2.	2.	2.	1.	2.	2.	0.	0.						
82.	*	1.	1.	1.	1.	0.	0.	2.	2.	2.	2.	1.	1.
2.	2.	2.	2.	1.	1.	1.	1.						

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JOB: RT 300 AT RT 52 EX SAT PM2.5  
RT 52 EX SAT PM2.5

RUN: RT 300 AT

WIND \* CONCENTRATION  
ANGLE \* (ug/m\*\*3)  
(DEGR)\* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12  
REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20  
REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32 REC33  
REC34 REC35 REC36 REC37 REC38 REC39 REC40  
REC41 REC42 REC43 REC44

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-----\*-----  
84. \* 1. 1. 1. 1. 1. 0. 2. 2. 2. 1. 1. 1.  
2. 2. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.  
86. \* 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.  
2. 2. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.  
88. \* 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.  
2. 2. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.  
90. \* 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.  
2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.  
92. \* 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.  
94. \* 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.  
96. \* 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.  
98. \* 2. 2. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 0.  
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 0.  
100. \* 2. 2. 2. 2. 1. 1. 1. 1. 1. 1. 0. 0. 0.  
1. 1. 1. 1. 1. 0. 1. 1. 1. 1. 0. 0. 0.  
102. \* 2. 2. 2. 2. 2. 2. 1. 0. 0. 0. 0. 0. 0.  
1. 1. 1. 1. 0. 0. 2. 1. 0. 0. 0. 0. 0.  
104. \* 2. 2. 2. 2. 2. 2. 1. 0. 0. 0. 0. 0. 0.  
1. 1. 1. 0. 0. 0. 2. 2. 0. 0. 0. 0. 0.  
106. \* 2. 2. 2. 2. 2. 2. 2. 0. 0. 0. 0. 0. 0.  
1. 0. 0. 0. 0. 0. 2. 2. 0. 0. 0. 0. 0.  
108. \* 2. 2. 2. 2. 2. 2. 2. 0. 0. 0. 0. 0. 0.  
1. 0. 0. 0. 0. 0. 2. 2. 0. 0. 0. 0. 0.  
110. \* 2. 2. 2. 2. 2. 2. 2. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 2. 0. 0. 0. 0. 0.  
112. \* 2. 2. 2. 2. 2. 2. 2. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 0. 0. 0. 0. 0.  
114. \* 2. 2. 2. 2. 2. 2. 2. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 0. 0. 0. 0. 0.  
116. \* 2. 2. 2. 2. 2. 2. 2. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 0. 0. 0. 0. 0.  
118. \* 2. 2. 2. 2. 2. 2. 2. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 0. 0. 0. 0. 0.  
120. \* 2. 2. 2. 2. 2. 2. 1. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 0. 0. 0. 0. 0.  
122. \* 2. 2. 2. 2. 2. 2. 1. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 0. 0. 0. 0. 0.

[illegible]

|      |    |    |    |    |    |    |    |    |    |    |    |    |    |
|------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 180. | *  | 2. | 1. | 1. | 1. | 1. | 1. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 1. | 1. |    |    |    |    |    |    |
| 182. | *  | 2. | 1. | 1. | 1. | 1. | 1. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 1. | 1. |    |    |    |    |    |    |
| 184. | *  | 2. | 1. | 1. | 1. | 1. | 1. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 1. | 1. |    |    |    |    |    |    |
| 186. | *  | 2. | 2. | 1. | 1. | 1. | 1. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 1. | 1. |    |    |    |    |    |    |

PAGE 5

JOB: RT 300 AT RT 52 EX SAT PM2.5  
RT 52 EX SAT PM2.5

RUN: RT 300 AT

WIND \* CONCENTRATION  
ANGLE \* (ug/m\*\*3)  
(DEGR)\* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12  
REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20  
REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32 REC33  
REC34 REC35 REC36 REC37 REC38 REC39 REC40  
REC41 REC42 REC43 REC44

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-----\*-----  
-----\*-----  
188. \* 2. 2. 1. 1. 1. 1. 1. 1. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0. 0. 0.  
190. \* 2. 2. 1. 1. 1. 1. 1. 1. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0. 0. 0.  
192. \* 2. 1. 1. 1. 1. 1. 1. 1. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0. 0. 0.  
194. \* 2. 1. 1. 1. 1. 1. 1. 1. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0. 0. 0.  
196. \* 2. 1. 2. 1. 1. 1. 1. 1. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0. 0. 0.  
198. \* 2. 1. 2. 1. 1. 1. 1. 1. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0. 0. 0.  
200. \* 2. 2. 2. 1. 1. 1. 1. 1. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0. 0. 0.  
202. \* 2. 2. 2. 1. 1. 1. 1. 1. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0. 0. 0.  
204. \* 2. 2. 2. 1. 1. 1. 1. 1. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0. 0. 0.  
206. \* 2. 2. 2. 2. 1. 1. 1. 1. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0. 0. 0.  
208. \* 2. 2. 2. 2. 1. 1. 1. 1. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0. 0. 0.  
210. \* 2. 2. 2. 2. 1. 1. 1. 1. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0. 0. 0.  
212. \* 2. 2. 2. 2. 1. 1. 1. 1. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0. 0. 0.  
214. \* 2. 2. 2. 2. 1. 1. 1. 1. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0. 0. 0.  
216. \* 2. 2. 2. 2. 1. 1. 1. 1. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0. 0. 0.  
218. \* 2. 1. 2. 2. 1. 1. 1. 1. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0. 0. 0.  
220. \* 2. 1. 2. 2. 1. 1. 1. 1. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0. 0. 0.  
222. \* 1. 2. 2. 2. 1. 1. 1. 1. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0. 0. 0.  
224. \* 1. 2. 2. 2. 1. 1. 1. 1. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0. 0. 0.  
226. \* 2. 2. 2. 2. 2. 1. 1. 1. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0. 0. 0.

|      |    |    |    |    |    |    |    |    |    |    |    |    |    |
|------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 228. | *  | 2. | 2. | 2. | 2. | 2. | 1. | 1. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 1. | 1. |    |    |    |    |    |    |
| 230. | *  | 2. | 2. | 2. | 2. | 2. | 1. | 1. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 1. | 1. |    |    |    |    |    |    |
| 232. | *  | 2. | 2. | 2. | 2. | 2. | 1. | 1. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 1. | 1. |    |    |    |    |    |    |
| 234. | *  | 2. | 2. | 2. | 2. | 2. | 1. | 1. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 1. | 1. |    |    |    |    |    |    |
| 236. | *  | 2. | 2. | 2. | 2. | 2. | 1. | 1. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 1. | 1. |    |    |    |    |    |    |
| 238. | *  | 2. | 2. | 2. | 2. | 1. | 1. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 1. | 1. |    |    |    |    |    |    |
| 240. | *  | 1. | 2. | 2. | 2. | 1. | 1. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 1. | 1. |    |    |    |    |    |    |
| 242. | *  | 1. | 2. | 2. | 2. | 2. | 2. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 1. | 1. |    |    |    |    |    |    |
| 244. | *  | 2. | 2. | 2. | 2. | 2. | 2. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 1. | 1. |    |    |    |    |    |    |
| 246. | *  | 2. | 2. | 2. | 2. | 2. | 2. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 1. | 1. |    |    |    |    |    |    |
| 248. | *  | 2. | 2. | 2. | 2. | 2. | 2. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 1. | 1. |    |    |    |    |    |    |
| 250. | *  | 2. | 2. | 2. | 2. | 2. | 2. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 1. | 1. |    |    |    |    |    |    |
| 252. | *  | 2. | 2. | 2. | 2. | 2. | 2. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 1. | 1. |    |    |    |    |    |    |
| 254. | *  | 2. | 2. | 2. | 2. | 2. | 2. | 0. | 0. | 0. | 1. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 1. | 1. |    |    |    |    |    |    |
| 256. | *  | 2. | 2. | 2. | 2. | 2. | 2. | 1. | 0. | 1. | 1. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 1. | 1. |    |    |    |    |    |    |
| 258. | *  | 1. | 2. | 2. | 2. | 2. | 2. | 1. | 1. | 1. | 1. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 1. | 1. |    |    |    |    |    |    |
| 260. | *  | 1. | 1. | 2. | 2. | 2. | 2. | 1. | 1. | 1. | 1. | 1. | 1. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 1. | 1. |    |    |    |    |    |    |
| 262. | *  | 1. | 1. | 2. | 1. | 2. | 2. | 1. | 1. | 1. | 1. | 1. | 1. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 1. | 1. |    |    |    |    |    |    |
| 264. | *  | 1. | 1. | 1. | 1. | 2. | 2. | 1. | 1. | 1. | 1. | 1. | 1. |
| 1.   | 1. | 1. | 1. | 0. | 0. | 1. | 1. |    |    |    |    |    |    |
| 266. | *  | 1. | 1. | 1. | 1. | 1. | 1. | 1. | 1. | 1. | 1. | 1. | 1. |
| 1.   | 1. | 1. | 1. | 1. | 1. | 1. | 1. |    |    |    |    |    |    |
| 268. | *  | 1. | 1. | 1. | 1. | 1. | 1. | 1. | 1. | 1. | 1. | 1. | 1. |
| 1.   | 1. | 1. | 1. | 1. | 1. | 1. | 1. |    |    |    |    |    |    |
| 270. | *  | 1. | 1. | 1. | 1. | 1. | 1. | 1. | 1. | 1. | 1. | 1. | 1. |
| 1.   | 1. | 1. | 1. | 1. | 1. | 1. | 1. |    |    |    |    |    |    |
| 272. | *  | 1. | 1. | 1. | 1. | 1. | 1. | 1. | 1. | 1. | 1. | 1. | 2. |
| 1.   | 1. | 1. | 1. | 1. | 1. | 1. | 1. |    |    |    |    |    |    |
| 274. | *  | 1. | 1. | 1. | 1. | 1. | 1. | 1. | 1. | 2. | 1. | 2. | 2. |
| 1.   | 1. | 1. | 1. | 1. | 1. | 0. | 1. |    |    |    |    |    |    |
| 276. | *  | 1. | 1. | 1. | 1. | 1. | 1. | 2. | 2. | 2. | 1. | 2. | 2. |
| 1.   | 1. | 1. | 1. | 1. | 1. | 0. | 0. |    |    |    |    |    |    |
| 278. | *  | 0. | 1. | 1. | 1. | 1. | 1. | 2. | 2. | 2. | 2. | 2. | 2. |
| 1.   | 1. | 1. | 1. | 1. | 1. | 0. | 0. |    |    |    |    |    |    |
| 280. | *  | 0. | 0. | 1. | 1. | 1. | 1. | 2. | 2. | 2. | 2. | 2. | 2. |
| 1.   | 1. | 1. | 1. | 1. | 1. | 0. | 0. |    |    |    |    |    |    |
| 282. | *  | 0. | 0. | 0. | 0. | 0. | 0. | 2. | 2. | 2. | 2. | 2. | 2. |
| 1.   | 1. | 1. | 1. | 1. | 1. | 0. | 0. |    |    |    |    |    |    |

|      |    |    |    |    |    |    |    |    |    |    |    |    |    |
|------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 284. | *  | 0. | 0. | 0. | 0. | 0. | 0. | 2. | 2. | 2. | 2. | 2. | 2. |
| 1.   | 1. | 1. | 1. | 1. | 1. | 0. | 0. |    |    |    |    |    |    |
| 286. | *  | 0. | 0. | 0. | 0. | 0. | 0. | 2. | 2. | 2. | 2. | 2. | 2. |
| 1.   | 1. | 1. | 1. | 1. | 1. | 0. | 0. |    |    |    |    |    |    |
| 288. | *  | 0. | 0. | 0. | 0. | 0. | 0. | 2. | 2. | 2. | 2. | 2. | 2. |
| 1.   | 1. | 1. | 1. | 1. | 1. | 0. | 0. |    |    |    |    |    |    |
| 290. | *  | 0. | 0. | 0. | 0. | 0. | 0. | 2. | 2. | 2. | 2. | 2. | 2. |
| 1.   | 1. | 1. | 1. | 1. | 1. | 0. | 0. |    |    |    |    |    |    |

PAGE 6

JOB: RT 300 AT RT 52 EX SAT PM2.5  
RT 52 EX SAT PM2.5

RUN: RT 300 AT

WIND \* CONCENTRATION  
ANGLE \* (ug/m\*\*3)  
(DEGR)\* REC1 REC2 REC3 REC4 REC5 REC6 REC7 REC8 REC9 REC10 REC11 REC12  
REC13 REC14 REC15 REC16 REC17 REC18 REC19 REC20  
REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32 REC33  
REC34 REC35 REC36 REC37 REC38 REC39 REC40  
REC41 REC42 REC43 REC44

-----\*-----  
-----\*-----  
-----\*-----  
-----\*-----  
292. \* 0. 0. 0. 0. 0. 0. 0. 2. 2. 2. 2. 2. 2.  
1. 1. 1. 1. 1. 1. 0. 0.  
294. \* 0. 0. 0. 0. 0. 0. 0. 2. 2. 2. 2. 2. 2.  
1. 1. 1. 1. 1. 1. 0. 0.  
296. \* 0. 0. 0. 0. 0. 0. 0. 2. 2. 2. 2. 2. 2.  
1. 1. 1. 1. 1. 1. 0. 0.  
298. \* 0. 0. 0. 0. 0. 0. 0. 2. 2. 2. 2. 2. 2.  
1. 1. 1. 1. 1. 1. 0. 0.  
300. \* 0. 0. 0. 0. 0. 0. 0. 2. 2. 2. 2. 2. 2.  
1. 1. 1. 1. 1. 1. 0. 0.  
302. \* 0. 0. 0. 0. 0. 0. 0. 2. 2. 2. 2. 2. 2.  
1. 1. 1. 1. 1. 1. 0. 0.  
304. \* 0. 0. 0. 0. 0. 0. 0. 2. 2. 2. 2. 2. 2.  
1. 1. 1. 1. 1. 1. 0. 0.  
306. \* 0. 0. 0. 0. 0. 0. 0. 2. 2. 2. 2. 2. 2.  
1. 1. 1. 1. 1. 1. 0. 0.  
308. \* 0. 0. 0. 0. 0. 0. 0. 2. 2. 2. 2. 2. 2.  
1. 1. 1. 1. 1. 1. 0. 0.  
310. \* 0. 0. 0. 0. 0. 0. 0. 2. 2. 2. 2. 2. 2.  
1. 1. 1. 1. 1. 1. 0. 0.  
312. \* 0. 0. 0. 0. 0. 0. 0. 2. 2. 2. 2. 2. 2.  
1. 1. 1. 1. 1. 1. 0. 0.  
314. \* 0. 0. 0. 0. 0. 0. 0. 2. 2. 2. 2. 2. 2.  
1. 1. 1. 1. 1. 1. 0. 0.  
316. \* 0. 0. 0. 0. 0. 0. 0. 2. 2. 2. 2. 2. 2.  
1. 1. 1. 1. 1. 1. 0. 0.  
318. \* 0. 0. 0. 0. 0. 0. 0. 2. 1. 2. 2. 2. 2.  
1. 1. 1. 1. 1. 1. 0. 0.  
320. \* 0. 0. 0. 0. 0. 0. 0. 2. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 0. 0.  
322. \* 0. 0. 0. 0. 0. 0. 0. 2. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 0. 0.  
324. \* 0. 0. 0. 0. 0. 0. 0. 2. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 0. 0.  
326. \* 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 0. 0.  
328. \* 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 0. 0.  
330. \* 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 1. 1.  
1. 1. 1. 1. 1. 1. 0. 0.

|        |    |     |     |     |     |     |     |    |     |     |     |     |     |
|--------|----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|
| 332.   | *  | 0.  | 0.  | 0.  | 0.  | 0.  | 0.  | 1. | 1.  | 1.  | 1.  | 1.  | 1.  |
| 1.     | 1. | 1.  | 1.  | 1.  | 1.  | 0.  | 0.  |    |     |     |     |     |     |
| 334.   | *  | 0.  | 0.  | 0.  | 0.  | 0.  | 0.  | 1. | 1.  | 1.  | 1.  | 1.  | 1.  |
| 1.     | 1. | 1.  | 1.  | 1.  | 1.  | 0.  | 0.  |    |     |     |     |     |     |
| 336.   | *  | 0.  | 0.  | 0.  | 0.  | 0.  | 0.  | 2. | 1.  | 1.  | 1.  | 1.  | 1.  |
| 1.     | 1. | 1.  | 1.  | 1.  | 1.  | 0.  | 0.  |    |     |     |     |     |     |
| 338.   | *  | 0.  | 0.  | 0.  | 0.  | 0.  | 0.  | 1. | 1.  | 1.  | 1.  | 1.  | 1.  |
| 1.     | 1. | 1.  | 1.  | 1.  | 1.  | 0.  | 0.  |    |     |     |     |     |     |
| 340.   | *  | 0.  | 0.  | 0.  | 0.  | 0.  | 0.  | 1. | 1.  | 1.  | 1.  | 1.  | 1.  |
| 1.     | 1. | 1.  | 1.  | 1.  | 1.  | 0.  | 0.  |    |     |     |     |     |     |
| 342.   | *  | 0.  | 0.  | 0.  | 0.  | 0.  | 0.  | 1. | 1.  | 1.  | 1.  | 1.  | 1.  |
| 1.     | 1. | 1.  | 1.  | 1.  | 1.  | 0.  | 0.  |    |     |     |     |     |     |
| 344.   | *  | 0.  | 0.  | 0.  | 0.  | 0.  | 0.  | 1. | 1.  | 1.  | 1.  | 1.  | 1.  |
| 1.     | 1. | 1.  | 1.  | 1.  | 1.  | 0.  | 0.  |    |     |     |     |     |     |
| 346.   | *  | 0.  | 0.  | 0.  | 0.  | 0.  | 0.  | 1. | 1.  | 1.  | 1.  | 1.  | 1.  |
| 1.     | 1. | 1.  | 1.  | 1.  | 1.  | 0.  | 0.  |    |     |     |     |     |     |
| 348.   | *  | 0.  | 0.  | 0.  | 0.  | 0.  | 0.  | 1. | 1.  | 1.  | 1.  | 1.  | 1.  |
| 1.     | 1. | 1.  | 1.  | 1.  | 1.  | 0.  | 0.  |    |     |     |     |     |     |
| 350.   | *  | 0.  | 0.  | 0.  | 0.  | 0.  | 0.  | 1. | 1.  | 1.  | 1.  | 1.  | 1.  |
| 1.     | 1. | 1.  | 1.  | 1.  | 1.  | 0.  | 0.  |    |     |     |     |     |     |
| 352.   | *  | 0.  | 0.  | 0.  | 0.  | 0.  | 0.  | 1. | 1.  | 1.  | 1.  | 1.  | 1.  |
| 1.     | 1. | 1.  | 1.  | 1.  | 1.  | 0.  | 0.  |    |     |     |     |     |     |
| 354.   | *  | 0.  | 0.  | 0.  | 0.  | 0.  | 0.  | 1. | 1.  | 1.  | 1.  | 1.  | 1.  |
| 1.     | 1. | 1.  | 1.  | 1.  | 1.  | 0.  | 0.  |    |     |     |     |     |     |
| 356.   | *  | 0.  | 0.  | 0.  | 0.  | 0.  | 0.  | 1. | 1.  | 1.  | 1.  | 1.  | 1.  |
| 1.     | 1. | 1.  | 1.  | 1.  | 1.  | 0.  | 0.  |    |     |     |     |     |     |
| 358.   | *  | 0.  | 0.  | 0.  | 0.  | 0.  | 0.  | 1. | 1.  | 1.  | 1.  | 1.  | 1.  |
| 1.     | 1. | 1.  | 1.  | 1.  | 1.  | 0.  | 0.  |    |     |     |     |     |     |
| 360.   | *  | 0.  | 0.  | 0.  | 0.  | 0.  | 0.  | 1. | 1.  | 1.  | 1.  | 1.  | 1.  |
| 1.     | 1. | 1.  | 1.  | 1.  | 1.  | 0.  | 0.  |    |     |     |     |     |     |
| -----* |    |     |     |     |     |     |     |    |     |     |     |     |     |
| -----  |    |     |     |     |     |     |     |    |     |     |     |     |     |
| MAX    | *  | 2.  | 2.  | 2.  | 2.  | 2.  | 2.  | 2. | 2.  | 2.  | 2.  | 2.  | 2.  |
| 2.     | 2. | 2.  | 2.  | 2.  | 2.  | 2.  | 2.  |    |     |     |     |     |     |
| DEGR.  | *  | 106 | 234 | 250 | 246 | 248 | 250 | 72 | 288 | 288 | 286 | 284 | 290 |
| 66     | 72 | 78  | 70  | 72  | 74  | 104 | 106 |    |     |     |     |     |     |

JOB: RT 300 AT RT 52 EX SAT PM2.5  
RT 52 EX SAT PM2.5

RUN: RT 300 AT

## MODEL RESULTS

REMARKS : In search of the angle corresponding to the maximum concentration, only the first angle, of the angles with same maximum concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

```
WIND * CONCENTRATION
ANGLE *      (ug/m**3)
(DEGR)* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32
REC33 REC34 REC35 REC36 REC37 REC38 REC39 REC40
```

[illegible]

[illegible]

PAGE 8

JOB: RT 300 AT RT 52 EX SAT PM2.5  
RT 52 EX SAT PM2.5

RUN: RT 300 AT

WIND ANGLE RANGE: 0.-360.

WIND \* CONCENTRATION  
ANGLE \* (ug/m\*\*3)  
(DEGR)\* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32  
REC33 REC34 REC35 REC36 REC37 REC38 REC39 REC40

-----  
-----  
84. \* 1. 1. 1. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
86. \* 1. 1. 1. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
88. \* 1. 1. 1. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
90. \* 1. 1. 1. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
92. \* 1. 1. 1. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
94. \* 1. 1. 1. 2. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.  
96. \* 1. 1. 1. 2. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0.  
0. 1. 1. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.  
98. \* 1. 1. 2. 2. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0.  
0. 1. 1. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.  
100. \* 1. 2. 2. 2. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0.  
0. 1. 1. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.  
102. \* 1. 2. 2. 2. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0.  
0. 1. 1. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.  
104. \* 1. 2. 2. 2. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0.  
0. 1. 1. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.  
106. \* 1. 2. 2. 2. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0.  
0. 1. 1. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.  
108. \* 2. 2. 2. 2. 0. 0. 0. 0. 0. 1. 1. 0. 0. 0.  
0. 1. 1. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.  
110. \* 2. 2. 2. 2. 0. 0. 0. 0. 0. 1. 1. 0. 0. 0.  
1. 1. 1. 1. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.  
112. \* 2. 2. 2. 2. 0. 0. 0. 0. 0. 1. 1. 0. 0. 0.  
1. 1. 1. 1. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.  
114. \* 1. 2. 2. 2. 0. 0. 0. 0. 0. 1. 1. 0. 0. 0.  
1. 1. 1. 1. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.  
116. \* 1. 2. 2. 2. 0. 0. 0. 0. 0. 1. 1. 0. 0. 0.  
1. 1. 1. 1. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.  
118. \* 1. 2. 2. 2. 0. 0. 0. 0. 0. 1. 1. 0. 0. 0.  
1. 1. 1. 1. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.  
120. \* 1. 2. 2. 2. 0. 0. 0. 0. 0. 1. 1. 0. 0. 0.  
1. 1. 1. 1. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.  
122. \* 1. 1. 2. 2. 0. 0. 0. 0. 0. 1. 1. 0. 0. 0.  
1. 1. 1. 1. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.  
124. \* 1. 1. 1. 2. 0. 0. 0. 0. 0. 1. 1. 0. 0. 0.  
1. 1. 1. 1. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.  
126. \* 1. 1. 1. 2. 0. 0. 0. 0. 0. 1. 1. 0. 0. 0.  
1. 1. 1. 1. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0.

|      |    |    |    |    |    |    |    |    |    |    |    |    |    |
|------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 128. | *  | 1. | 1. | 1. | 2. | 0. | 0. | 0. | 1. | 1. | 0. | 0. | 0. |
| 1.   | 1. | 1. | 1. | 0. | 0. | 0. | 1. |    |    |    |    |    |    |
| 130. | *  | 1. | 1. | 1. | 2. | 0. | 0. | 0. | 1. | 1. | 0. | 0. | 0. |
| 1.   | 1. | 1. | 1. | 0. | 0. | 0. | 1. |    |    |    |    |    |    |
| 132. | *  | 1. | 1. | 1. | 2. | 0. | 0. | 0. | 1. | 1. | 0. | 0. | 0. |
| 1.   | 1. | 1. | 1. | 0. | 0. | 0. | 1. |    |    |    |    |    |    |
| 134. | *  | 1. | 1. | 1. | 2. | 0. | 0. | 0. | 1. | 1. | 0. | 0. | 0. |
| 1.   | 1. | 1. | 1. | 0. | 0. | 0. | 1. |    |    |    |    |    |    |
| 136. | *  | 1. | 1. | 1. | 2. | 0. | 0. | 0. | 1. | 1. | 0. | 0. | 0. |
| 1.   | 1. | 1. | 1. | 0. | 0. | 0. | 1. |    |    |    |    |    |    |
| 138. | *  | 1. | 1. | 1. | 1. | 0. | 0. | 0. | 1. | 1. | 0. | 0. | 0. |
| 1.   | 1. | 1. | 1. | 0. | 0. | 0. | 1. |    |    |    |    |    |    |
| 140. | *  | 1. | 1. | 1. | 2. | 0. | 0. | 0. | 1. | 1. | 0. | 0. | 0. |
| 1.   | 1. | 1. | 1. | 0. | 0. | 0. | 1. |    |    |    |    |    |    |
| 142. | *  | 1. | 1. | 1. | 2. | 0. | 0. | 0. | 0. | 1. | 0. | 0. | 0. |
| 1.   | 1. | 1. | 1. | 0. | 0. | 0. | 1. |    |    |    |    |    |    |
| 144. | *  | 1. | 1. | 1. | 2. | 0. | 0. | 0. | 0. | 1. | 0. | 0. | 0. |
| 1.   | 1. | 1. | 1. | 0. | 0. | 0. | 1. |    |    |    |    |    |    |
| 146. | *  | 1. | 1. | 1. | 2. | 0. | 0. | 0. | 0. | 1. | 0. | 0. | 0. |
| 1.   | 1. | 1. | 1. | 0. | 0. | 0. | 1. |    |    |    |    |    |    |
| 148. | *  | 1. | 1. | 1. | 2. | 0. | 0. | 0. | 0. | 1. | 0. | 0. | 0. |
| 1.   | 1. | 1. | 1. | 0. | 0. | 0. | 1. |    |    |    |    |    |    |
| 150. | *  | 1. | 1. | 1. | 1. | 0. | 0. | 0. | 0. | 1. | 0. | 0. | 0. |
| 1.   | 1. | 1. | 1. | 0. | 0. | 0. | 1. |    |    |    |    |    |    |
| 152. | *  | 1. | 1. | 1. | 1. | 0. | 0. | 0. | 1. | 1. | 0. | 0. | 0. |
| 1.   | 1. | 1. | 1. | 0. | 0. | 0. | 1. |    |    |    |    |    |    |
| 154. | *  | 1. | 1. | 1. | 1. | 0. | 0. | 0. | 1. | 1. | 0. | 0. | 0. |
| 1.   | 1. | 1. | 1. | 0. | 0. | 0. | 1. |    |    |    |    |    |    |
| 156. | *  | 1. | 1. | 1. | 2. | 0. | 0. | 0. | 1. | 1. | 0. | 0. | 0. |
| 1.   | 1. | 1. | 1. | 0. | 0. | 0. | 1. |    |    |    |    |    |    |
| 158. | *  | 1. | 1. | 1. | 2. | 0. | 0. | 0. | 1. | 1. | 0. | 0. | 0. |
| 1.   | 1. | 1. | 1. | 0. | 0. | 0. | 1. |    |    |    |    |    |    |
| 160. | *  | 1. | 1. | 1. | 2. | 0. | 0. | 1. | 1. | 1. | 0. | 0. | 0. |
| 1.   | 1. | 1. | 1. | 0. | 0. | 0. | 1. |    |    |    |    |    |    |
| 162. | *  | 1. | 1. | 1. | 2. | 0. | 0. | 1. | 1. | 1. | 0. | 0. | 0. |
| 1.   | 1. | 1. | 1. | 0. | 0. | 0. | 1. |    |    |    |    |    |    |
| 164. | *  | 1. | 1. | 1. | 2. | 0. | 1. | 1. | 1. | 1. | 0. | 0. | 0. |
| 0.   | 1. | 1. | 1. | 0. | 0. | 0. | 1. |    |    |    |    |    |    |
| 166. | *  | 1. | 1. | 1. | 2. | 0. | 1. | 1. | 1. | 1. | 0. | 0. | 0. |
| 0.   | 1. | 1. | 0. | 0. | 0. | 0. | 1. |    |    |    |    |    |    |
| 168. | *  | 1. | 1. | 1. | 1. | 0. | 1. | 1. | 1. | 1. | 0. | 0. | 0. |
| 1.   | 1. | 1. | 0. | 0. | 0. | 0. | 1. |    |    |    |    |    |    |
| 170. | *  | 1. | 1. | 1. | 1. | 0. | 0. | 0. | 1. | 1. | 0. | 0. | 0. |
| 1.   | 1. | 1. | 1. | 0. | 0. | 0. | 1. |    |    |    |    |    |    |
| 172. | *  | 1. | 1. | 1. | 1. | 0. | 0. | 0. | 0. | 1. | 0. | 0. | 1. |
| 1.   | 1. | 1. | 1. | 1. | 0. | 0. | 1. |    |    |    |    |    |    |
| 174. | *  | 1. | 1. | 1. | 1. | 0. | 0. | 0. | 1. | 1. | 0. | 1. | 1. |
| 1.   | 1. | 1. | 1. | 1. | 1. | 0. | 1. |    |    |    |    |    |    |
| 176. | *  | 1. | 1. | 1. | 1. | 0. | 0. | 0. | 1. | 1. | 0. | 1. | 1. |
| 1.   | 1. | 1. | 1. | 1. | 1. | 0. | 1. |    |    |    |    |    |    |
| 178. | *  | 1. | 1. | 1. | 1. | 0. | 0. | 0. | 1. | 1. | 0. | 1. | 1. |
| 1.   | 1. | 1. | 1. | 1. | 1. | 0. | 1. |    |    |    |    |    |    |
| 180. | *  | 1. | 1. | 1. | 1. | 0. | 0. | 0. | 1. | 1. | 0. | 1. | 1. |
| 1.   | 1. | 1. | 1. | 1. | 1. | 0. | 1. |    |    |    |    |    |    |
| 182. | *  | 1. | 1. | 1. | 1. | 0. | 0. | 0. | 1. | 1. | 0. | 0. | 1. |
| 1.   | 1. | 1. | 1. | 1. | 0. | 0. | 1. |    |    |    |    |    |    |

|      |    |    |    |    |    |    |    |    |    |    |    |    |    |
|------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 184. | *  | 1. | 1. | 1. | 1. | 0. | 0. | 0. | 1. | 1. | 0. | 1. | 1. |
| 1.   | 1. | 1. | 1. | 1. | 1. | 0. | 1. |    |    |    |    |    |    |

PAGE 9

JOB: RT 300 AT RT 52 EX SAT PM2.5  
RT 52 EX SAT PM2.5

RUN: RT 300 AT

WIND ANGLE RANGE: 0.-360.

WIND \* CONCENTRATION  
ANGLE \* (ug/m\*\*3)  
(DEGR)\* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32  
REC33 REC34 REC35 REC36 REC37 REC38 REC39 REC40

-----  
-----  
186. \* 1. 1. 1. 1. 0. 0. 0. 1. 1. 0. 0. 1.  
1. 1. 1. 1. 1. 0. 0. 1.  
188. \* 1. 1. 1. 1. 0. 0. 0. 1. 1. 0. 0. 1.  
1. 1. 1. 1. 1. 0. 0. 1.  
190. \* 1. 1. 1. 1. 0. 0. 0. 1. 1. 0. 0. 0.  
1. 1. 1. 1. 0. 0. 0. 1.  
192. \* 1. 1. 1. 1. 0. 0. 0. 1. 1. 0. 0. 0.  
1. 1. 1. 1. 0. 0. 0. 1.  
194. \* 1. 1. 1. 1. 0. 0. 0. 1. 0. 1. 0. 0. 0.  
1. 1. 1. 1. 0. 0. 0. 1.  
196. \* 1. 1. 1. 1. 0. 0. 0. 1. 0. 1. 0. 0. 0.  
0. 1. 1. 0. 0. 0. 0. 1.  
198. \* 1. 1. 1. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 1. 1. 0. 0. 0. 0. 0.  
200. \* 1. 1. 1. 1. 0. 0. 0. 0. 0. 1. 0. 0. 0.  
0. 1. 1. 0. 0. 0. 0. 1.  
202. \* 1. 1. 1. 1. 0. 0. 0. 0. 0. 1. 0. 0. 0.  
0. 1. 1. 0. 0. 0. 0. 1.  
204. \* 1. 1. 1. 1. 0. 0. 0. 0. 0. 1. 0. 0. 0.  
1. 1. 1. 0. 0. 0. 0. 1.  
206. \* 1. 1. 1. 1. 0. 0. 0. 0. 0. 1. 0. 0. 0.  
1. 1. 1. 1. 0. 0. 0. 1.  
208. \* 1. 1. 1. 1. 0. 0. 0. 0. 0. 1. 0. 0. 0.  
1. 1. 1. 1. 0. 0. 0. 1.  
210. \* 1. 1. 1. 1. 0. 0. 0. 0. 0. 1. 0. 0. 0.  
0. 1. 1. 0. 0. 0. 0. 1.  
212. \* 1. 1. 1. 1. 0. 0. 0. 0. 0. 1. 0. 0. 0.  
0. 1. 1. 0. 0. 0. 0. 1.  
214. \* 1. 1. 1. 1. 0. 0. 0. 0. 0. 1. 0. 0. 0.  
0. 1. 1. 0. 0. 0. 0. 1.  
216. \* 1. 1. 1. 1. 0. 0. 0. 0. 0. 1. 0. 0. 0.  
0. 1. 1. 0. 0. 0. 0. 1.  
218. \* 1. 1. 1. 1. 0. 0. 0. 0. 0. 1. 0. 0. 0.  
0. 1. 1. 0. 0. 0. 0. 1.  
220. \* 1. 1. 1. 1. 0. 0. 0. 0. 0. 1. 0. 0. 0.  
0. 1. 1. 0. 0. 0. 0. 1.  
222. \* 1. 1. 1. 1. 0. 0. 0. 0. 0. 1. 0. 0. 0.  
0. 1. 1. 0. 0. 0. 0. 1.  
224. \* 1. 1. 1. 1. 0. 0. 0. 0. 0. 1. 0. 0. 0.  
0. 1. 1. 0. 0. 0. 0. 1.  
226. \* 1. 1. 1. 1. 0. 0. 0. 0. 0. 1. 0. 0. 0.  
0. 1. 1. 0. 0. 0. 0. 1.  
228. \* 1. 1. 1. 1. 0. 0. 0. 0. 0. 1. 0. 0. 0.  
0. 1. 1. 0. 0. 0. 0. 1.

[illegible]

|      |    |    |    |    |    |    |    |    |    |    |    |    |    |
|------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 286. | *  | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 0. | 0. |    |    |    |    |    |    |

PAGE 10

JOB: RT 300 AT RT 52 EX SAT PM2.5  
RT 52 EX SAT PM2.5

RUN: RT 300 AT

WIND ANGLE RANGE: 0.-360.

WIND \* CONCENTRATION  
ANGLE \* (ug/m\*\*3)  
(DEGR)\* REC21 REC22 REC23 REC24 REC25 REC26 REC27 REC28 REC29 REC30 REC31 REC32  
REC33 REC34 REC35 REC36 REC37 REC38 REC39 REC40

-----  
-----  
288. \* 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
290. \* 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
292. \* 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
294. \* 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
296. \* 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
298. \* 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
300. \* 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
302. \* 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
304. \* 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
306. \* 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
308. \* 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
310. \* 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
312. \* 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
314. \* 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
316. \* 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
318. \* 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
320. \* 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
322. \* 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
324. \* 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
326. \* 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
328. \* 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
330. \* 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.  
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.

|      |    |    |    |    |    |    |    |    |    |    |    |    |    |
|------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 332. | *  | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 334. | *  | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 336. | *  | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 338. | *  | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 340. | *  | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 342. | *  | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 344. | *  | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 346. | *  | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 348. | *  | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 350. | *  | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 352. | *  | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 354. | *  | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 356. | *  | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 358. | *  | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 360. | *  | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0.   | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

|        |     |     |     |     |     |     |     |     |     |     |     |     |     |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| -----* |     |     |     |     |     |     |     |     |     |     |     |     |     |
| -----  |     |     |     |     |     |     |     |     |     |     |     |     |     |
| MAX    | *   | 2.  | 2.  | 2.  | 2.  | 0.  | 1.  | 1.  | 1.  | 1.  | 0.  | 1.  | 1.  |
| 1.     | 1.  | 1.  | 1.  | 1.  | 1.  | 0.  | 1.  |     |     |     |     |     |     |
| DEGR.  | *   | 108 | 106 | 110 | 104 | 126 | 166 | 164 | 158 | 152 | 130 | 176 | 182 |
| 182    | 188 | 188 | 182 | 182 | 176 | 130 | 152 |     |     |     |     |     |     |

PAGE 11

JOB: RT 300 AT RT 52 EX SAT PM2.5  
RT 52 EX SAT PM2.5

RUN: RT 300 AT

MODEL RESULTS

REMARKS : In search of the angle corresponding to  
the maximum concentration, only the first  
angle, of the angles with same maximum  
concentrations, is indicated as maximum.

WIND ANGLE RANGE: 0.-360.

WIND \* CONCENTRATION  
ANGLE \* (ug/m\*\*3)  
(DEGR)\* REC41 REC42 REC43 REC44

|     | * |    |    |    |    |
|-----|---|----|----|----|----|
| 0.  | * | 0. | 0. | 0. | 0. |
| 2.  | * | 0. | 0. | 0. | 0. |
| 4.  | * | 0. | 0. | 0. | 0. |
| 6.  | * | 0. | 0. | 0. | 0. |
| 8.  | * | 0. | 0. | 0. | 0. |
| 10. | * | 0. | 0. | 0. | 0. |
| 12. | * | 0. | 0. | 0. | 0. |
| 14. | * | 0. | 0. | 0. | 0. |
| 16. | * | 0. | 0. | 0. | 0. |
| 18. | * | 0. | 0. | 0. | 0. |
| 20. | * | 0. | 0. | 0. | 0. |
| 22. | * | 0. | 0. | 0. | 0. |
| 24. | * | 0. | 0. | 0. | 0. |
| 26. | * | 0. | 0. | 0. | 0. |
| 28. | * | 0. | 0. | 0. | 0. |
| 30. | * | 0. | 0. | 0. | 0. |
| 32. | * | 0. | 0. | 0. | 0. |
| 34. | * | 0. | 0. | 0. | 0. |
| 36. | * | 0. | 0. | 0. | 0. |
| 38. | * | 0. | 0. | 0. | 0. |
| 40. | * | 0. | 0. | 0. | 0. |
| 42. | * | 0. | 0. | 0. | 0. |
| 44. | * | 0. | 0. | 0. | 0. |
| 46. | * | 0. | 0. | 0. | 0. |
| 48. | * | 0. | 0. | 0. | 0. |
| 50. | * | 0. | 0. | 0. | 0. |
| 52. | * | 0. | 0. | 0. | 0. |
| 54. | * | 0. | 0. | 0. | 0. |
| 56. | * | 0. | 0. | 0. | 0. |
| 58. | * | 0. | 0. | 0. | 0. |
| 60. | * | 0. | 0. | 0. | 0. |
| 62. | * | 0. | 0. | 0. | 0. |
| 64. | * | 0. | 0. | 0. | 0. |
| 66. | * | 0. | 0. | 0. | 0. |
| 68. | * | 0. | 0. | 0. | 0. |
| 70. | * | 0. | 0. | 0. | 0. |
| 72. | * | 0. | 0. | 0. | 0. |
| 74. | * | 0. | 0. | 0. | 0. |

|     |   |    |    |    |    |
|-----|---|----|----|----|----|
| 76. | * | 0. | 0. | 0. | 0. |
| 78. | * | 0. | 0. | 0. | 0. |
| 80. | * | 0. | 0. | 0. | 0. |
| 82. | * | 0. | 0. | 0. | 0. |

PAGE 12

JOB: RT 300 AT RT 52 EX SAT PM2.5  
RT 52 EX SAT PM2.5

RUN: RT 300 AT

WIND ANGLE RANGE: 0.-360.

| WIND    | * | CONCENTRATION |       |       |       |
|---------|---|---------------|-------|-------|-------|
| ANGLE   | * | (ug/m**3)     |       |       |       |
| (DEGR)* |   | REC41         | REC42 | REC43 | REC44 |
|         | * |               |       |       |       |
| 84.     | * | 0.            | 0.    | 0.    | 0.    |
| 86.     | * | 0.            | 0.    | 0.    | 0.    |
| 88.     | * | 0.            | 0.    | 0.    | 0.    |
| 90.     | * | 0.            | 0.    | 0.    | 0.    |
| 92.     | * | 0.            | 0.    | 0.    | 0.    |
| 94.     | * | 0.            | 0.    | 0.    | 0.    |
| 96.     | * | 0.            | 0.    | 0.    | 0.    |
| 98.     | * | 0.            | 0.    | 0.    | 0.    |
| 100.    | * | 0.            | 0.    | 0.    | 0.    |
| 102.    | * | 0.            | 0.    | 0.    | 0.    |
| 104.    | * | 0.            | 0.    | 0.    | 0.    |
| 106.    | * | 0.            | 0.    | 0.    | 0.    |
| 108.    | * | 1.            | 0.    | 0.    | 0.    |
| 110.    | * | 1.            | 0.    | 0.    | 0.    |
| 112.    | * | 1.            | 0.    | 0.    | 0.    |
| 114.    | * | 1.            | 0.    | 0.    | 0.    |
| 116.    | * | 1.            | 0.    | 0.    | 0.    |
| 118.    | * | 1.            | 0.    | 0.    | 0.    |
| 120.    | * | 1.            | 0.    | 0.    | 0.    |
| 122.    | * | 1.            | 0.    | 0.    | 0.    |
| 124.    | * | 1.            | 0.    | 0.    | 0.    |
| 126.    | * | 1.            | 0.    | 0.    | 0.    |
| 128.    | * | 1.            | 0.    | 0.    | 0.    |
| 130.    | * | 1.            | 0.    | 0.    | 0.    |
| 132.    | * | 1.            | 0.    | 0.    | 0.    |
| 134.    | * | 1.            | 0.    | 0.    | 0.    |
| 136.    | * | 1.            | 0.    | 0.    | 0.    |
| 138.    | * | 1.            | 0.    | 0.    | 0.    |
| 140.    | * | 1.            | 0.    | 0.    | 0.    |
| 142.    | * | 1.            | 0.    | 0.    | 0.    |
| 144.    | * | 0.            | 0.    | 0.    | 0.    |
| 146.    | * | 0.            | 0.    | 0.    | 0.    |
| 148.    | * | 0.            | 0.    | 0.    | 0.    |
| 150.    | * | 0.            | 0.    | 0.    | 0.    |
| 152.    | * | 1.            | 0.    | 0.    | 0.    |
| 154.    | * | 1.            | 0.    | 0.    | 0.    |
| 156.    | * | 1.            | 0.    | 0.    | 0.    |
| 158.    | * | 1.            | 0.    | 0.    | 0.    |
| 160.    | * | 1.            | 1.    | 0.    | 0.    |
| 162.    | * | 1.            | 1.    | 0.    | 0.    |
| 164.    | * | 1.            | 1.    | 1.    | 0.    |
| 166.    | * | 1.            | 1.    | 1.    | 0.    |
| 168.    | * | 1.            | 1.    | 1.    | 0.    |
| 170.    | * | 1.            | 0.    | 1.    | 0.    |
| 172.    | * | 0.            | 0.    | 0.    | 0.    |
| 174.    | * | 1.            | 0.    | 0.    | 0.    |

|      |   |    |    |    |    |
|------|---|----|----|----|----|
| 176. | * | 1. | 0. | 0. | 0. |
| 178. | * | 1. | 0. | 0. | 0. |
| 180. | * | 1. | 0. | 0. | 0. |
| 182. | * | 1. | 0. | 0. | 0. |
| 184. | * | 1. | 0. | 0. | 0. |

PAGE 13

JOB: RT 300 AT RT 52 EX SAT PM2.5  
RT 52 EX SAT PM2.5

RUN: RT 300 AT

WIND ANGLE RANGE: 0.-360.

| WIND    | * | CONCENTRATION |       |       |       |
|---------|---|---------------|-------|-------|-------|
| ANGLE   | * | (ug/m**3)     |       |       |       |
| (DEGR)* |   | REC41         | REC42 | REC43 | REC44 |
|         | * |               |       |       |       |
| 186.    | * | 1.            | 0.    | 0.    | 0.    |
| 188.    | * | 1.            | 0.    | 0.    | 0.    |
| 190.    | * | 1.            | 0.    | 0.    | 0.    |
| 192.    | * | 1.            | 0.    | 0.    | 0.    |
| 194.    | * | 0.            | 0.    | 0.    | 0.    |
| 196.    | * | 0.            | 0.    | 0.    | 0.    |
| 198.    | * | 0.            | 0.    | 0.    | 0.    |
| 200.    | * | 0.            | 0.    | 0.    | 0.    |
| 202.    | * | 0.            | 0.    | 0.    | 0.    |
| 204.    | * | 0.            | 0.    | 0.    | 0.    |
| 206.    | * | 0.            | 0.    | 0.    | 0.    |
| 208.    | * | 0.            | 0.    | 0.    | 0.    |
| 210.    | * | 0.            | 0.    | 0.    | 0.    |
| 212.    | * | 0.            | 0.    | 0.    | 0.    |
| 214.    | * | 0.            | 0.    | 0.    | 0.    |
| 216.    | * | 0.            | 0.    | 0.    | 0.    |
| 218.    | * | 0.            | 0.    | 0.    | 0.    |
| 220.    | * | 0.            | 0.    | 0.    | 0.    |
| 222.    | * | 0.            | 0.    | 0.    | 0.    |
| 224.    | * | 0.            | 0.    | 0.    | 0.    |
| 226.    | * | 0.            | 0.    | 0.    | 0.    |
| 228.    | * | 0.            | 0.    | 0.    | 0.    |
| 230.    | * | 0.            | 0.    | 0.    | 0.    |
| 232.    | * | 0.            | 0.    | 0.    | 0.    |
| 234.    | * | 0.            | 0.    | 0.    | 0.    |
| 236.    | * | 0.            | 0.    | 0.    | 0.    |
| 238.    | * | 0.            | 0.    | 0.    | 0.    |
| 240.    | * | 0.            | 0.    | 0.    | 0.    |
| 242.    | * | 0.            | 0.    | 0.    | 0.    |
| 244.    | * | 0.            | 0.    | 0.    | 0.    |
| 246.    | * | 0.            | 0.    | 0.    | 0.    |
| 248.    | * | 0.            | 0.    | 0.    | 0.    |
| 250.    | * | 0.            | 0.    | 0.    | 0.    |
| 252.    | * | 0.            | 0.    | 0.    | 0.    |
| 254.    | * | 0.            | 0.    | 0.    | 0.    |
| 256.    | * | 0.            | 0.    | 0.    | 0.    |
| 258.    | * | 0.            | 0.    | 0.    | 0.    |
| 260.    | * | 0.            | 0.    | 0.    | 0.    |
| 262.    | * | 0.            | 0.    | 0.    | 0.    |
| 264.    | * | 0.            | 0.    | 0.    | 0.    |
| 266.    | * | 0.            | 0.    | 0.    | 0.    |
| 268.    | * | 0.            | 0.    | 0.    | 0.    |
| 270.    | * | 0.            | 0.    | 0.    | 0.    |
| 272.    | * | 0.            | 0.    | 0.    | 0.    |
| 274.    | * | 0.            | 0.    | 0.    | 0.    |
| 276.    | * | 0.            | 0.    | 0.    | 0.    |

|      |   |    |    |    |    |
|------|---|----|----|----|----|
| 278. | * | 0. | 0. | 0. | 0. |
| 280. | * | 0. | 0. | 0. | 0. |
| 282. | * | 0. | 0. | 0. | 0. |
| 284. | * | 0. | 0. | 0. | 0. |
| 286. | * | 0. | 0. | 0. | 0. |

PAGE 14

JOB: RT 300 AT RT 52 EX SAT PM2.5  
RT 52 EX SAT PM2.5

RUN: RT 300 AT

WIND ANGLE RANGE: 0.-360.

| WIND    | * | CONCENTRATION |       |       |       |
|---------|---|---------------|-------|-------|-------|
| ANGLE   | * | (ug/m**3)     |       |       |       |
| (DEGR)* |   | REC41         | REC42 | REC43 | REC44 |
| 288.    | * | 0.            | 0.    | 0.    | 0.    |
| 290.    | * | 0.            | 0.    | 0.    | 0.    |
| 292.    | * | 0.            | 0.    | 0.    | 0.    |
| 294.    | * | 0.            | 0.    | 0.    | 0.    |
| 296.    | * | 0.            | 0.    | 0.    | 0.    |
| 298.    | * | 0.            | 0.    | 0.    | 0.    |
| 300.    | * | 0.            | 0.    | 0.    | 0.    |
| 302.    | * | 0.            | 0.    | 0.    | 0.    |
| 304.    | * | 0.            | 0.    | 0.    | 0.    |
| 306.    | * | 0.            | 0.    | 0.    | 0.    |
| 308.    | * | 0.            | 0.    | 0.    | 0.    |
| 310.    | * | 0.            | 0.    | 0.    | 0.    |
| 312.    | * | 0.            | 0.    | 0.    | 0.    |
| 314.    | * | 0.            | 0.    | 0.    | 0.    |
| 316.    | * | 0.            | 0.    | 0.    | 0.    |
| 318.    | * | 0.            | 0.    | 0.    | 0.    |
| 320.    | * | 0.            | 0.    | 0.    | 0.    |
| 322.    | * | 0.            | 0.    | 0.    | 0.    |
| 324.    | * | 0.            | 0.    | 0.    | 0.    |
| 326.    | * | 0.            | 0.    | 0.    | 0.    |
| 328.    | * | 0.            | 0.    | 0.    | 0.    |
| 330.    | * | 0.            | 0.    | 0.    | 0.    |
| 332.    | * | 0.            | 0.    | 0.    | 0.    |
| 334.    | * | 0.            | 0.    | 0.    | 0.    |
| 336.    | * | 0.            | 0.    | 0.    | 0.    |
| 338.    | * | 0.            | 0.    | 0.    | 0.    |
| 340.    | * | 0.            | 0.    | 0.    | 0.    |
| 342.    | * | 0.            | 0.    | 0.    | 0.    |
| 344.    | * | 0.            | 0.    | 0.    | 0.    |
| 346.    | * | 0.            | 0.    | 0.    | 0.    |
| 348.    | * | 0.            | 0.    | 0.    | 0.    |
| 350.    | * | 0.            | 0.    | 0.    | 0.    |
| 352.    | * | 0.            | 0.    | 0.    | 0.    |
| 354.    | * | 0.            | 0.    | 0.    | 0.    |
| 356.    | * | 0.            | 0.    | 0.    | 0.    |
| 358.    | * | 0.            | 0.    | 0.    | 0.    |
| 360.    | * | 0.            | 0.    | 0.    | 0.    |
| MAX     | * | 1.            | 1.    | 1.    | 0.    |
| DEGR.   | * | 158           | 164   | 164   | 126   |

THE HIGHEST CONCENTRATION OF

2. ug/m\*\*3 OCCURRED AT RECEPTOR REC13.