Appendix F

CAL3QHC Calculations for Future Case

Future Case Input File

```
'Cordova and Paisano 2015  40 and 2.5 mph'    60. 175.   0.   0.57    57 1.0 0 1
'REC 1  Southeast  '    -167     -42          1.8
'REC 2            '    -142     -43          1.8
'REC 3            '    -166     -17          1.8
'REC 4            '    -142     -19          1.8
'REC 5            '    -162       8          1.8
'REC 6            '    -137       6          1.8
'REC 7            '    -156      32          1.8
'REC 8            '    -128      30          1.8
'REC 9            '    -104      24          1.8
'REC 10           '    -140      51          1.8
'REC 11           '    -116      58          1.8
'REC 12           '     -93      46          1.8
'REC 13           '     -70      37          1.8
'REC 14  Northeast  '     -57     107          1.8
'REC 15           '     -79     121          1.8
'REC 16           '    -102     134          1.8
'REC 17           '    -115     147          1.8
'REC 18           '     -60     138          1.8
'REC 19           '     -82     151          1.8
'REC 20           '    -105     163          1.8
'REC 21           '     -63     169          1.8
'REC 22           '     -85     181          1.8
'REC 23           '     -66     199          1.8
'REC 24  North     '    -109     238          1.8
'REC 25           '    -127     221          1.8
'REC 26           '    -144     203          1.8
'REC 27           '    -162     186          1.8
'REC 28           '    -184     174          1.8
'REC 29           '    -162     210          1.8
'REC 30           '    -184     199          1.8
'REC 31           '    -143     239          1.8
'REC 32           '    -175     223          1.8
'REC 33           '    -167     146          1.8
'REC 34           '    -159     270          1.8
'REC 35           '    -192     234          1.8
'REC 36           '    -201     211          1.8
'REC 37           '    -211     195          1.8
'REC 38           '    -216     241          1.8
'REC 39           '    -225     218          1.8
'REC 40           '    -237     195          1.8
'REC 41           '    -238     247          1.8
'REC 42           '    -250     224          1.8
'REC 43           '    -262     201          1.8
'REC 44  Southwest  '    -233      11          1.8
'REC 45           '    -258      19          1.8
'REC 46           '    -282      27          1.8
'REC 47           '    -306      34          1.8
'REC 48           '    -230      36          1.8
'REC 49           '    -254      44          1.8
'REC 50           '    -278      52          1.8
'REC 51           '    -302      59          1.8
'REC 52           '    -253      68          1.8
'REC 53           '    -274      77          1.8
'REC 54           '    -299      84          1.8
'REC 55           '    -231      80          1.8
'REC 56           '    -271     101          1.8
'REC 57           '    -295     109          1.8
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'Cordova and Paisano:  Hour 18 April 22, 2015'          18  1  0  'C'
  1
'Southbound Approach'  'AG'  -65.    274. -174.   160.    671.  20.1 0. 15.0
  2
'Southbound Queue'     'AG' -169.    166.  -65.   274.      0.  8.5   2
      117        92      4.     671  91.5 1710 3 3
  1
'South inner depart'   'AG' -174.    160. -203.    94.    671.  20.1 0. 15.0
  1
'Southbound Departure' 'AG' -203.     94. -230.   -15.   1037.  20.1 0. 17.0
  1
'Eastbound Approach'   'AG' -339.    131. -203.    94.    404.  20.1 0. 19.0
  2
'Eastbound Queue'      'AG' -209.     95. -339.   131.      0. 13.0   2
      117       110      4.0    404  91.5 1710 3 3
  1
'Eastbound  Right'     'AG' -214.     54. -241.   103.    848.  20.1 0. 12.0
  1
'East inner depart'    'AG' -203.     94. -163.    83.    404.  20.1 0. 15.0
  1
'Eastbound Departure'  'AG' -163.     83.  -10.    22.    266.  20.1 0. 15.0
  1
'Northbound Approach'  'AG' -184.    -53. -163.    83.    463.  20.1 0. 20.0
  2
'Northbound Queue'     'AG' -165.     75. -177.    -8.      0. 14.0   3
      117        92      4.0    463  91.5 1710 3 3
  1
'Northbound Right'     'AG' -171.     34. -125.    68.    488.  20.1 0. 13.0
  1
'North inner depart'   'AG' -164.     83. -133.   142.    463.  20.1 0. 15.0
  1
'Northbound Departure' 'AG' -133.    142.  -50.   226.    327.  20.1 0. 15.0
  1
'Westbound Approach'   'AG'  -32.     78. -132.   143.    819.  20.1 0. 15.0
  2
'Westbound Queue'      'AG' -129.    140.  -32.    78.      0.  9.0   2
      117        92      4.0    819  91.5 1710 3 3
  1
'West inner depart'    'AG' -133.    142. -174.   160.    819.  20.1 0. 15.0
  1
'Westbound Departure'  'AG' -174.    160. -239.   190.    329.  20.1 0. 15.0
1.0  0  5  100. 0.  'Y' 5 0 72
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Future Case Output File

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CAL3QHC: LINE SOURCE DISPERSION MODEL - VERSION 2.0 Dated 95221                PAGE  1

JOB: Cordova and Paisano  40 and 2.5 mph              RUN: Cordova and Paisano:  Hour 18 April 22,
DATE: 12-May-0   TIME: 11:36

  The MODE flag has been set to C for calculating CO averages.

 SITE & METEOROLOGICAL VARIABLES
 --------------------------------
 VS =   0.0 CM/S       VD =   0.6 CM/S       Z0 = 175. CM
  U =  1.0 M/S        CLAS =   5  (E)    ATIM =  60. MINUTES     MIXH =   100. M   AMB =  0.0 PPM

 LINK VARIABLES
 --------------
  LINK DESCRIPTION     *        LINK COORDINATES (M)          *   LENGTH  BRG TYPE   VPH    EF      H   W    V/C QUEUE
                     *  X1        Y1        X2        Y2     *    (M)   (DEG)          (G/MI)   (M) (M)       (VEH)
-------------------------*----------------------------------------*-----------------------------------------------------
 1. Southbound Approach *   -65.0     274.0    -174.0     160.0 *     158.   224. AG    671.  20.1   0.0 15.0
 2. Southbound Queue    *  -169.0     166.0       8.0     349.9 *     255.    44. AG    386. 100.0   0.0  8.5 1.21  42.5
 3. South inner depart  *  -174.0     160.0    -203.0      94.0 *      72.   204. AG    671.  20.1   0.0 15.0
 4. Southbound Departure*  -203.0      94.0    -230.0     -15.0 *     112.   194. AG   1037.  20.1   0.0 17.0
 5. Eastbound Approach  *  -339.0     131.0    -203.0      94.0 *     141.   105. AG    404.  20.1   0.0 19.0
 6. Eastbound Queue     *  -209.0      95.0    -866.0     276.9 *     682.   285. AG    461. 100.0   0.0 13.0 **** 113.6
 7. Eastbound  Right    *  -214.0      54.0    -241.0     103.0 *      56.   331. AG    848.  20.1   0.0 12.0
 8. East inner depart   *  -203.0      94.0    -163.0      83.0 *      41.   105. AG    404.  20.1   0.0 15.0
 9. Eastbound Departure *  -163.0      83.0     -10.0      22.0 *     165.   112. AG    266.  20.1   0.0 15.0
10. Northbound Approach *  -184.0     -53.0    -163.0      83.0 *     138.     9. AG    463.  20.1   0.0 20.0
11. Northbound Queue    *  -165.0      75.0    -168.4      51.6 *      24.   188. AG    579. 100.0   0.0 14.0 0.56   3.9
12. Northbound Right    *  -171.0      34.0    -125.0      68.0 *      57.    54. AG    488.  20.1   0.0 13.0
13. North inner depart  *  -164.0      83.0    -133.0     142.0 *      67.    28. AG    463.  20.1   0.0 15.0
14. Northbound Departure*  -133.0     142.0     -50.0     226.0 *     118.    45. AG    327.  20.1   0.0 15.0
15. Westbound Approach  *   -32.0      78.0    -132.0     143.0 *     119.   303. AG    819.  20.1   0.0 15.0
16. Westbound Queue     *  -129.0     140.0     288.2    -126.7 *     495.   123. AG    386. 100.0   0.0  9.0 1.48  82.5
17. West inner depart   *  -133.0     142.0    -174.0     160.0 *      45.   294. AG    819.  20.1   0.0 15.0
18. Westbound Departure *  -174.0     160.0    -239.0     190.0 *      72.   295. AG    329.  20.1   0.0 15.0
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JOB: Cordova and Paisano 40 and 2.5 mph RUN: Cordova and Paisano: Hour 18 April 22,
DATE: 12-May-0 TIME: 11:36

ADDITIONAL QUEUE LINK PARAMETERS

LINK DESCRIPTION	CYCLE LENGTH (SEC)	RED TIME (SEC)	CLEARANCE LOST TIME (SEC)	APPROACH VOL (VPH)	SATURATION FLOW RATE (VPH)	IDLE EM FAC (gm/hr)	SIGNAL TYPE	ARRIVAL RATE
2. Southbound Queue	117	92	4.0	671	1710	91.50	3	3
6. Eastbound Queue	117	110	4.0	404	1710	91.50	3	3
11. Northbound Queue	117	92	4.0	463	1710	91.50	3	3
16. Westbound Queue	117	92	4.0	819	1710	91.50	3	3

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. REC 1 Southeast	-167.0	-42.0	1.8
2. REC 2	-142.0	-43.0	1.8
3. REC 3	-166.0	-17.0	1.8
4. REC 4	-142.0	-19.0	1.8
5. REC 5	-162.0	8.0	1.8
6. REC 6	-137.0	6.0	1.8
7. REC 7	-156.0	32.0	1.8
8. REC 8	-128.0	30.0	1.8
9. REC 9	-104.0	24.0	1.8
10. REC 10	-140.0	51.0	1.8
11. REC 11	-116.0	58.0	1.8
12. REC 12	-93.0	46.0	1.8
13. REC 13	-70.0	37.0	1.8
14. REC 14 Northeast	-57.0	107.0	1.8
15. REC 15	-79.0	121.0	1.8
16. REC 16	-102.0	134.0	1.8
17. REC 17	-115.0	147.0	1.8
18. REC 18	-60.0	138.0	1.8
19. REC 19	-82.0	151.0	1.8
20. REC 20	-105.0	163.0	1.8
21. REC 21	-63.0	169.0	1.8
22. REC 22	-85.0	181.0	1.8
23. REC 23	-66.0	199.0	1.8
24. REC 24 North	-109.0	238.0	1.8
25. REC 25	-127.0	221.0	1.8
26. REC 26	-144.0	203.0	1.8
27. REC 27	-162.0	186.0	1.8
28. REC 28	-184.0	174.0	1.8
29. REC 29	-162.0	210.0	1.8
30. REC 30	-184.0	199.0	1.8
31. REC 31	-143.0	239.0	1.8
32. REC 32	-175.0	223.0	1.8
33. REC 33	-167.0	146.0	1.8
34. REC 34	-159.0	270.0	1.8
35. REC 35	-192.0	234.0	1.8
36. REC 36	-201.0	211.0	1.8
37. REC 37	-211.0	195.0	1.8
38. REC 38	-216.0	241.0	1.8
39. REC 39	-225.0	218.0	1.8
40. REC 40	-237.0	195.0	1.8
41. REC 41	-238.0	247.0	1.8

JOB: Cordova and Paisano 40 and 2.5 mph RUN: Cordova and Paisano: Hour 18 April 22,
DATE: 12-May-0 TIME: 11:36

RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
42. REC 42	-250.0	224.0	1.8
43. REC 43	-262.0	201.0	1.8
44. REC 44 Southwest	-233.0	11.0	1.8
45. REC 45	-258.0	19.0	1.8
46. REC 46	-282.0	27.0	1.8
47. REC 47	-306.0	34.0	1.8
48. REC 48	-230.0	36.0	1.8
49. REC 49	-254.0	44.0	1.8
50. REC 50	-278.0	52.0	1.8
51. REC 51	-302.0	59.0	1.8
52. REC 52	-253.0	68.0	1.8
53. REC 53	-274.0	77.0	1.8
54. REC 54	-299.0	84.0	1.8
55. REC 55	-231.0	80.0	1.8
56. REC 56	-271.0	101.0	1.8
57. REC 57	-295.0	109.0	1.8

JOB: Cordova and Paisano 40 and 2.5 mph RUN: Cordova and Paisano: Hour 18 April 22,

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 * (PPM)

(DEGR)*	REC1	REC2	REC3	REC4	REC5	REC6	REC7	REC8	REC9	REC10	REC11	REC12	REC13	REC14	REC15	REC16	REC17	REC18	REC19	REC20
0. *	0.8	0.6	1.2	0.7	1.5	0.8	1.4	0.7	0.8	1.1	1.1	1.2	1.0	0.2	0.5	0.5	0.8	0.4	0.5	0.8
5. *	0.8	0.6	1.2	0.6	1.3	0.7	1.2	0.8	0.8	1.3	1.2	1.0	1.0	0.2	0.5	0.6	0.8	0.3	0.5	1.0
10. *	0.7	0.5	1.0	0.6	1.1	0.8	1.3	0.9	0.7	1.4	1.2	0.9	1.0	0.2	0.4	0.6	1.0	0.3	0.6	1.0
15. *	0.8	0.5	0.8	0.5	1.1	0.7	1.1	0.8	0.7	1.3	1.0	0.9	0.9	0.1	0.2	0.6	0.9	0.2	0.4	0.9
20. *	0.5	0.4	0.6	0.5	0.8	0.6	1.2	0.7	0.6	1.4	0.9	0.8	0.9	0.1	0.2	0.4	0.9	0.1	0.4	0.9
25. *	0.4	0.4	0.6	0.4	0.7	0.5	1.0	0.6	0.6	1.2	0.8	0.8	0.8	0.0	0.1	0.4	0.8	0.1	0.3	0.9
30. *	0.4	0.3	0.5	0.3	0.5	0.5	0.8	0.6	0.5	1.0	0.8	0.7	0.8	0.0	0.1	0.3	0.6	0.0	0.1	0.7
35. *	0.3	0.3	0.3	0.3	0.5	0.4	0.8	0.5	0.5	1.0	0.7	0.7	0.7	0.0	0.0	0.2	0.5	0.0	0.1	0.6
40. *	0.3	0.3	0.3	0.3	0.4	0.4	0.7	0.5	0.5	0.9	0.7	0.7	0.7	0.0	0.0	0.0	0.4	0.0	0.0	0.5
45. *	0.3	0.2	0.3	0.3	0.4	0.4	0.6	0.5	0.5	0.9	0.7	0.7	0.7	0.0	0.0	0.0	0.2	0.0	0.0	0.4
50. *	0.2	0.2	0.3	0.2	0.4	0.4	0.5	0.5	0.5	0.9	0.7	0.6	0.6	0.0	0.0	0.0	0.1	0.0	0.0	0.3
55. *	0.2	0.2	0.2	0.2	0.4	0.4	0.5	0.5	0.5	0.9	0.7	0.7	0.6	0.0	0.0	0.0	0.1	0.0	0.0	0.2
60. *	0.2	0.2	0.2	0.2	0.4	0.3	0.4	0.5	0.4	0.8	0.7	0.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2
65. *	0.2	0.2	0.2	0.2	0.3	0.3	0.5	0.5	0.4	0.7	0.8	0.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1
70. *	0.2	0.2	0.2	0.2	0.3	0.3	0.5	0.4	0.4	0.7	0.7	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1
75. *	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.4	0.6	0.7	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1
80. *	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.4	0.6	0.8	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1
85. *	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.5	0.7	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90. *	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.6	0.7	0.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95. *	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.6	0.7	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100. *	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.6	0.9	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105. *	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.6	0.9	0.8	0.7	0.1	0.1	0.2	0.0	0.0	0.0	0.0
110. *	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.7	0.6	0.6	0.2	0.2	0.4	0.2	0.0	0.0	0.0
115. *	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.6	0.4	0.4	0.5	0.6	0.8	0.5	0.1	0.1	0.1
120. *	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.4	0.3	0.3	1.0	1.1	1.5	1.0	0.2	0.2	0.3
125. *	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	1.5	1.6	2.1	1.5	0.4	0.4	0.5
130. *	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	1.9	2.1	2.5	1.9	0.6	0.6	0.8
135. *	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	2.0	2.2	2.6	2.0	0.7	0.8	0.9
140. *	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	2.0	2.2	2.5	2.0	0.7	0.8	1.0
145. *	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	1.9	2.1	2.3	1.8	0.8	0.9	1.0
150. *	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	1.9	2.0	2.1	1.8	0.7	0.8	1.0
155. *	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	1.8	1.8	2.1	1.7	0.7	0.8	0.9
160. *	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	1.8	1.9	2.0	1.5	0.8	0.9	0.9
165. *	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	1.7	1.8	1.8	1.5	0.8	0.9	0.9
170. *	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	1.7	1.7	1.8	1.4	0.7	0.8	0.9
175. *	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	1.6	1.6	1.7	1.4	0.7	0.7	0.8
180. *	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.6	1.6	1.4	0.7	0.7	0.8
185. *	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	1.6	1.5	1.6	1.3	0.7	0.7	0.7
190. *	0.0	0.0	0.1	0.0	0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	1.5	1.4	1.5	1.4	0.7	0.7	0.9
195. *	0.0	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.0	1.4	1.4	1.5	1.6	0.7	0.7	1.1
200. *	0.0	0.0	0.2	0.0	0.3	0.0	0.3	0.0	0.0	0.2	0.0	0.0	0.0	1.4	1.4	1.7	1.5	0.7	0.7	1.2
205. *	0.0	0.0	0.3	0.0	0.3	0.0	0.3	0.0	0.0	0.2	0.0	0.0	0.0	1.4	1.4	1.8	1.7	0.7	0.9	1.2

JOB: Cordova and Paisano 40 and 2.5 mph RUN: Cordova and Paisano: Hour 18 April 22,

WIND * CONCENTRATION
ANGLE * (PPM)
(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 REC45 REC46 REC47 REC48 REC49 REC50 REC51 REC52 REC53 REC54 REC55 REC56 REC57

210. *	0.0	0.0	0.3	0.0	0.4	0.0	0.3	0.1	0.0	0.3	0.1	0.0	0.0	1.5	1.5	1.8	1.7	0.7	1.0	1.4
215. *	0.1	0.0	0.3	0.0	0.3	0.1	0.3	0.1	0.0	0.4	0.1	0.0	0.0	1.5	1.6	2.0	1.8	0.8	1.0	1.4
220. *	0.1	0.0	0.3	0.0	0.3	0.1	0.3	0.1	0.0	0.4	0.1	0.0	0.0	1.5	1.6	2.0	1.9	0.9	1.1	1.4
225. *	0.1	0.0	0.3	0.1	0.3	0.1	0.3	0.1	0.1	0.5	0.1	0.1	0.0	1.5	1.8	2.0	1.9	1.1	1.2	1.4
230. *	0.1	0.0	0.3	0.1	0.3	0.1	0.4	0.1	0.1	0.7	0.1	0.1	0.0	1.6	1.9	2.1	2.0	1.1	1.0	1.4
235. *	0.1	0.0	0.3	0.1	0.3	0.1	0.4	0.1	0.1	0.8	0.3	0.1	0.1	1.9	1.9	1.9	1.8	1.0	1.0	1.1
240. *	0.2	0.0	0.3	0.1	0.3	0.1	0.4	0.1	0.1	0.9	0.3	0.1	0.1	2.0	1.9	2.2	1.8	0.9	1.1	1.3
245. *	0.2	0.0	0.3	0.1	0.4	0.1	0.4	0.2	0.1	0.9	0.4	0.2	0.1	2.1	1.8	2.3	1.9	1.1	1.2	1.0
250. *	0.2	0.0	0.3	0.1	0.4	0.1	0.4	0.2	0.2	0.9	0.6	0.2	0.2	1.9	2.0	2.5	1.7	1.2	1.4	1.1
255. *	0.2	0.1	0.2	0.1	0.3	0.2	0.5	0.2	0.2	1.0	0.8	0.3	0.2	2.0	2.1	2.6	1.6	1.4	1.3	1.1
260. *	0.2	0.1	0.2	0.1	0.4	0.2	0.5	0.3	0.2	1.1	0.9	0.3	0.2	2.1	2.5	2.6	1.6	1.4	1.3	1.2
265. *	0.2	0.1	0.3	0.1	0.4	0.2	0.5	0.3	0.2	1.2	1.0	0.4	0.2	2.5	2.5	2.7	1.7	1.4	1.1	1.3
270. *	0.2	0.1	0.3	0.2	0.4	0.3	0.5	0.4	0.2	1.3	1.3	0.6	0.4	2.6	2.7	2.7	1.4	1.3	1.2	1.3
275. *	0.2	0.1	0.4	0.2	0.5	0.3	0.6	0.5	0.3	1.7	1.6	0.8	0.6	2.8	2.7	2.6	1.4	1.0	1.0	1.1
280. *	0.2	0.1	0.5	0.2	0.6	0.4	0.8	0.6	0.6	2.0	1.9	1.2	1.1	2.7	2.7	2.3	1.5	0.8	0.9	1.0
285. *	0.3	0.3	0.5	0.4	0.6	0.5	1.1	1.0	0.9	2.5	2.2	1.6	1.4	2.7	2.3	2.2	1.2	0.8	0.7	1.0
290. *	0.4	0.4	0.6	0.5	0.8	0.7	1.3	1.4	1.2	2.7	2.1	1.8	1.6	2.3	2.1	1.9	0.9	0.6	0.6	0.8
295. *	0.6	0.5	0.7	0.7	0.9	0.9	1.5	1.7	1.5	2.8	1.9	1.5	1.1	1.6	1.5	1.4	0.9	0.4	0.5	0.8
300. *	0.6	0.6	0.8	0.8	1.0	1.0	1.7	1.7	1.4	2.5	1.4	1.2	0.8	1.3	1.2	1.1	0.7	0.4	0.5	0.8
305. *	0.8	0.7	0.9	0.8	1.2	1.1	1.8	1.7	1.1	2.2	1.0	0.9	0.6	1.1	0.9	0.9	0.6	0.4	0.5	0.8
310. *	0.8	0.7	0.9	0.9	1.2	1.2	1.6	1.5	0.9	1.8	0.8	0.6	0.5	0.7	0.6	0.7	0.7	0.4	0.5	0.8
315. *	0.9	0.8	1.1	0.9	1.3	1.0	1.8	1.3	0.7	1.2	0.6	0.5	0.5	0.6	0.5	0.6	0.7	0.5	0.5	0.8
320. *	0.8	0.8	1.1	0.8	1.2	1.0	1.5	1.0	0.5	1.1	0.6	0.5	0.6	0.4	0.5	0.5	0.7	0.5	0.5	0.8
325. *	1.0	0.8	1.1	0.9	1.0	0.9	1.7	0.8	0.4	1.0	0.6	0.5	0.7	0.4	0.5	0.5	0.7	0.5	0.5	0.8
330. *	1.0	0.5	1.0	0.7	1.1	0.9	1.7	0.8	0.6	0.9	0.6	0.7	0.8	0.4	0.5	0.5	0.7	0.5	0.5	0.8
335. *	0.8	0.4	0.8	0.7	0.9	0.8	1.7	0.6	0.5	0.6	0.6	0.8	1.0	0.4	0.5	0.5	0.7	0.5	0.5	0.8
340. *	0.8	0.6	1.0	0.7	1.0	0.6	1.7	0.7	0.6	0.8	0.8	0.9	1.1	0.4	0.5	0.5	0.8	0.5	0.5	0.8
345. *	0.7	0.5	0.8	0.6	1.0	0.7	1.7	0.6	0.7	0.9	0.9	0.9	1.1	0.4	0.5	0.5	0.8	0.5	0.5	0.8
350. *	0.7	0.6	0.8	0.7	1.3	0.6	1.7	0.7	0.7	0.9	1.0	1.0	1.1	0.4	0.5	0.5	0.8	0.5	0.5	0.8
355. *	0.7	0.5	1.0	0.6	1.3	0.7	1.6	0.9	0.7	0.9	0.8	1.1	1.1	0.3	0.5	0.5	0.8	0.5	0.5	0.8
360. *	0.8	0.6	1.2	0.7	1.5	0.8	1.4	0.7	0.8	1.1	1.1	1.2	1.0	0.2	0.5	0.5	0.8	0.4	0.5	0.8
MAX *	1.0	0.8	1.2	0.9	1.5	1.2	1.8	1.7	1.5	2.8	2.2	1.8	1.6	2.8	2.7	2.7	2.0	1.4	1.4	1.4
DEGR. *	325	315	0	310	0	310	305	295	295	295	285	290	290	275	270	265	135	255	250	230

JOB: Cordova and Paisano 40 and 2.5 mph RUN: Cordova and Paisano: Hour 18 April 22,

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 ANGLE (DEGR)*	CONCENTRATION (PPM) REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	REC31	REC32	REC33	REC34	REC35	REC36	REC37	REC38	REC39	REC40
0. *	0.5	0.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. *	0.4	0.8	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. *	0.4	0.9	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15. *	0.4	0.9	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20. *	0.2	0.7	0.7	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25. *	0.1	0.8	0.6	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30. *	0.1	0.7	0.5	0.5	0.3	0.3	0.3	0.1	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35. *	0.0	0.5	0.3	0.9	0.7	0.8	0.6	0.2	0.1	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40. *	0.0	0.4	0.2	1.4	1.3	1.4	1.1	0.5	0.2	0.1	0.1	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45. *	0.0	0.3	0.2	2.1	1.8	2.0	1.8	0.9	0.4	0.2	0.2	0.1	1.2	0.0	0.0	0.1	0.1	0.0	0.0	0.0
50. *	0.0	0.2	0.1	2.6	2.3	2.5	2.2	1.3	0.6	0.5	0.3	0.2	1.0	0.0	0.1	0.1	0.2	0.0	0.1	0.1
55. *	0.0	0.1	0.1	2.8	2.5	2.7	2.4	1.5	0.9	0.6	0.5	0.3	0.7	0.1	0.1	0.3	0.4	0.1	0.1	0.2
60. *	0.0	0.1	0.0	2.8	2.5	2.7	2.4	1.5	1.0	0.8	0.7	0.5	0.6	0.1	0.2	0.5	0.5	0.1	0.2	0.3
65. *	0.0	0.1	0.0	2.6	2.4	2.5	2.3	1.5	1.1	0.9	0.7	0.6	0.6	0.2	0.3	0.5	0.6	0.2	0.3	0.5
70. *	0.0	0.0	0.0	2.5	2.2	2.2	2.1	1.4	1.1	0.8	0.9	0.7	0.7	0.3	0.5	0.6	0.7	0.3	0.4	0.5
75. *	0.0	0.0	0.0	2.3	2.1	2.1	2.1	1.5	1.0	0.8	0.8	0.7	0.7	0.4	0.5	0.7	0.7	0.4	0.5	0.5
80. *	0.0	0.0	0.0	2.1	1.9	2.1	1.9	1.4	1.0	0.8	0.8	0.7	0.9	0.4	0.5	0.6	0.7	0.4	0.4	0.5
85. *	0.0	0.0	0.0	2.0	1.8	2.0	1.9	1.3	1.0	0.8	0.8	0.7	0.9	0.5	0.5	0.6	0.6	0.4	0.4	0.6
90. *	0.0	0.0	0.0	1.9	1.9	1.9	1.8	1.2	1.0	0.8	0.8	0.7	1.1	0.5	0.5	0.6	0.6	0.4	0.4	0.5
95. *	0.0	0.0	0.0	1.8	1.8	1.8	1.6	1.1	0.9	0.8	0.7	0.6	1.3	0.5	0.5	0.6	0.7	0.4	0.4	0.5
100. *	0.0	0.0	0.0	1.8	1.7	1.7	1.6	1.3	0.9	0.8	0.7	0.6	1.4	0.4	0.4	0.6	0.7	0.4	0.4	0.7
105. *	0.0	0.0	0.0	1.6	1.6	1.7	1.6	1.4	0.9	0.8	0.7	0.7	1.7	0.4	0.4	0.5	0.7	0.4	0.4	0.9
110. *	0.0	0.0	0.0	1.7	1.6	1.6	1.7	1.7	0.9	0.9	0.8	0.7	1.8	0.4	0.4	0.6	0.9	0.4	0.5	1.1
115. *	0.0	0.0	0.0	1.6	1.6	1.7	1.7	2.0	1.0	1.1	0.8	0.8	1.7	0.4	0.5	0.7	1.1	0.5	0.8	1.3
120. *	0.1	0.1	0.0	1.6	1.7	1.8	2.1	2.3	1.1	1.4	0.9	0.9	1.5	0.4	0.6	1.0	1.2	0.6	1.1	1.5
125. *	0.2	0.2	0.1	1.7	1.8	1.9	2.5	2.4	1.3	1.7	0.9	1.0	1.0	0.5	0.9	1.2	1.5	0.9	1.1	1.2
130. *	0.3	0.3	0.2	1.9	1.9	2.2	2.7	2.1	1.6	1.8	1.1	1.3	0.6	0.6	1.0	1.3	1.2	1.0	1.0	1.1
135. *	0.4	0.4	0.3	2.0	2.0	2.3	2.8	1.5	1.7	1.6	1.2	1.3	0.3	0.7	1.0	1.2	1.1	1.0	0.8	0.7
140. *	0.5	0.5	0.4	1.9	2.1	2.4	2.6	1.2	1.7	1.4	1.3	1.3	0.2	0.7	1.1	0.9	0.6	0.8	0.8	0.5
145. *	0.5	0.5	0.4	1.9	2.0	2.4	2.4	1.1	1.6	1.2	1.3	1.3	0.2	0.8	0.9	0.9	0.5	0.7	0.5	0.5
150. *	0.5	0.6	0.4	2.0	2.1	2.3	2.1	0.8	1.5	1.0	1.3	1.1	0.2	0.8	0.8	0.7	0.6	0.4	0.3	0.6
155. *	0.5	0.5	0.3	2.0	2.2	2.2	2.0	0.8	1.3	0.9	1.3	1.0	0.2	0.8	0.7	0.7	0.5	0.4	0.3	0.7
160. *	0.5	0.6	0.4	2.1	2.2	2.2	2.0	0.8	1.3	0.8	1.2	1.0	0.4	0.7	0.5	0.5	0.6	0.3	0.4	0.7
165. *	0.5	0.6	0.4	2.1	2.2	2.2	1.9	1.0	1.3	0.7	1.1	0.8	0.4	0.7	0.6	0.5	0.7	0.4	0.6	0.9
170. *	0.5	0.6	0.4	2.3	2.3	2.2	2.0	0.8	1.2	0.9	1.0	0.8	0.5	0.7	0.6	0.6	0.7	0.6	0.6	0.9
175. *	0.6	0.6	0.4	2.4	2.2	2.2	2.1	1.0	1.3	0.6	1.1	0.8	0.6	0.7	0.5	0.6	0.7	0.4	0.6	0.9
180. *	0.6	0.6	0.4	2.3	2.3	2.4	2.4	1.0	1.3	0.6	1.2	0.7	0.7	0.7	0.6	0.5	0.8	0.5	0.6	0.8
185. *	0.6	0.6	0.4	2.5	2.5	2.4	2.5	1.1	1.1	0.8	1.1	0.7	0.6	0.8	0.5	0.7	0.7	0.5	0.7	0.8
190. *	0.5	0.6	0.4	2.8	2.5	2.6	2.2	0.9	1.1	0.7	1.2	0.6	0.5	0.6	0.6	0.6	0.7	0.5	0.7	0.5
195. *	0.5	0.6	0.4	2.9	2.6	2.8	2.3	1.0	0.9	0.7	1.0	0.6	0.5	0.4	0.5	0.7	0.7	0.4	0.5	0.5
200. *	0.5	0.6	0.4	3.1	2.8	2.6	2.1	1.0	1.0	0.6	0.9	0.6	0.5	0.3	0.5	0.6	0.6	0.3	0.5	0.5
205. *	0.5	0.8	0.5	3.2	2.8	2.8	1.9	0.9	0.9	0.7	0.7	0.5	0.7	0.3	0.4	0.5	0.5	0.3	0.5	0.5

JOB: Cordova and Paisano 40 and 2.5 mph RUN: Cordova and Paisano: Hour 18 April 22,

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM) REC21	REC22	REC23	REC24	REC25	REC26	REC27	REC28	REC29	REC30	REC31	REC32	REC33	REC34	REC35	REC36	REC37	REC38	REC39	REC40
210. *	0.6	0.8	0.7	3.1	2.7	2.5	1.7	0.8	0.6	0.6	0.7	0.4	0.9	0.2	0.4	0.5	0.5	0.3	0.4	0.5
215. *	0.8	1.1	0.8	3.0	2.5	2.3	1.6	0.8	0.6	0.5	0.4	0.5	0.9	0.2	0.4	0.5	0.5	0.3	0.4	0.5
220. *	0.8	0.9	0.8	2.8	2.1	1.8	1.1	0.8	0.5	0.5	0.2	0.5	1.0	0.2	0.3	0.5	0.5	0.3	0.4	0.5
225. *	0.8	1.0	0.9	1.9	1.4	1.5	0.8	0.7	0.5	0.5	0.3	0.4	1.1	0.2	0.3	0.5	0.5	0.3	0.3	0.5
230. *	0.8	1.1	1.0	1.3	1.1	1.0	0.6	0.7	0.5	0.5	0.3	0.4	1.1	0.2	0.3	0.5	0.7	0.3	0.3	0.5
235. *	0.9	1.2	1.0	0.8	0.8	0.7	0.5	0.7	0.5	0.5	0.3	0.4	1.1	0.2	0.3	0.4	0.7	0.3	0.3	0.4
240. *	0.9	0.8	0.9	0.6	0.6	0.6	0.6	0.7	0.4	0.4	0.3	0.3	1.1	0.2	0.3	0.4	0.6	0.3	0.3	0.4
245. *	1.0	0.9	1.0	0.5	0.5	0.5	0.6	0.7	0.4	0.5	0.3	0.3	1.0	0.2	0.3	0.3	0.6	0.3	0.3	0.4
250. *	0.9	1.1	1.1	0.4	0.3	0.4	0.5	0.7	0.4	0.5	0.3	0.3	1.0	0.3	0.3	0.4	0.5	0.3	0.4	0.4
255. *	0.9	1.2	1.0	0.4	0.3	0.5	0.5	0.8	0.3	0.5	0.3	0.3	1.1	0.3	0.3	0.4	0.5	0.3	0.4	0.4
260. *	0.8	1.1	1.2	0.4	0.3	0.5	0.5	0.8	0.4	0.5	0.3	0.3	1.1	0.3	0.3	0.4	0.5	0.3	0.4	0.5
265. *	0.8	1.2	1.2	0.4	0.3	0.4	0.5	0.8	0.4	0.4	0.3	0.3	1.1	0.2	0.3	0.4	0.5	0.3	0.4	0.5
270. *	0.9	1.3	1.1	0.3	0.3	0.3	0.5	0.8	0.3	0.4	0.2	0.3	1.0	0.2	0.3	0.3	0.5	0.3	0.3	0.4
275. *	0.8	1.1	1.0	0.1	0.2	0.3	0.4	0.7	0.2	0.3	0.1	0.2	0.9	0.1	0.2	0.3	0.3	0.2	0.2	0.4
280. *	0.7	1.0	0.9	0.1	0.1	0.1	0.2	0.6	0.1	0.2	0.1	0.1	0.8	0.0	0.1	0.1	0.2	0.1	0.1	0.2
285. *	0.6	0.9	0.8	0.0	0.0	0.1	0.1	0.4	0.0	0.1	0.0	0.0	0.6	0.0	0.0	0.1	0.1	0.0	0.1	0.1
290. *	0.5	0.8	0.8	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
295. *	0.5	0.7	0.7	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300. *	0.5	0.7	0.7	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
305. *	0.5	0.8	0.7	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
310. *	0.5	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
315. *	0.5	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320. *	0.5	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325. *	0.5	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
330. *	0.5	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
335. *	0.5	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
340. *	0.5	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
345. *	0.5	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350. *	0.5	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
355. *	0.5	0.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
360. *	0.5	0.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX *	1.0	1.3	1.2	3.2	2.8	2.8	2.8	2.4	1.7	1.8	1.3	1.3	2.2	0.8	1.1	1.3	1.5	1.0	1.1	1.5
DEGR. *	245	270	260	205	200	205	135	125	135	130	140	130	25	185	140	130	125	130	120	120

JOB: Cordova and Paisano 40 and 2.5 mph RUN: Cordova and Paisano: Hour 18 April 22,

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 ANGLE (DEGR)*	CONCENTRATION (PPM) REC41	REC42	REC43	REC44	REC45	REC46	REC47	REC48	REC49	REC50	REC51	REC52	REC53	REC54	REC55	REC56	REC57
0. *	0.0	0.0	0.0	0.8	0.5	0.5	0.5	0.8	0.5	0.5	0.5	0.7	0.7	0.7	1.9	1.4	1.4
5. *	0.0	0.0	0.0	0.9	0.6	0.5	0.5	0.9	0.6	0.5	0.5	0.7	0.7	0.7	1.8	1.4	1.5
10. *	0.0	0.0	0.0	1.2	0.6	0.5	0.5	1.1	0.6	0.5	0.5	0.8	0.7	0.7	1.7	1.4	1.5
15. *	0.0	0.0	0.0	1.4	0.5	0.5	0.5	1.2	0.6	0.5	0.6	0.8	0.7	0.7	1.7	1.4	1.5
20. *	0.0	0.0	0.0	1.5	0.7	0.5	0.5	1.5	0.7	0.5	0.5	0.9	0.7	0.7	1.7	1.4	1.5
25. *	0.0	0.0	0.0	1.7	1.1	0.7	0.5	1.6	0.9	0.5	0.5	1.0	0.7	0.7	2.0	1.4	1.5
30. *	0.0	0.0	0.0	1.8	1.0	0.6	0.6	1.8	1.1	0.7	0.5	1.2	0.8	0.7	2.1	1.4	1.4
35. *	0.0	0.0	0.0	1.7	1.0	0.9	0.6	1.7	1.2	0.9	0.6	1.5	0.8	0.7	2.5	1.5	1.5
40. *	0.0	0.0	0.0	1.5	1.0	1.0	0.8	1.9	1.4	1.1	0.9	1.6	1.1	0.8	2.6	1.6	1.6
45. *	0.0	0.0	0.0	1.6	0.9	0.9	1.0	1.4	1.2	1.1	1.0	1.7	1.4	1.0	2.4	1.9	1.8
50. *	0.0	0.0	0.0	1.5	0.9	0.8	1.0	1.4	1.0	1.3	1.1	1.6	1.5	1.2	2.4	2.1	2.1
55. *	0.0	0.1	0.1	1.6	0.8	0.8	0.9	1.4	1.1	1.3	1.0	1.4	1.5	1.2	1.8	2.3	2.3
60. *	0.1	0.1	0.2	1.4	0.9	0.6	0.7	1.3	1.1	1.0	1.0	1.2	1.6	1.3	1.9	2.4	2.3
65. *	0.1	0.2	0.3	1.3	0.9	0.7	0.6	1.3	1.1	0.9	0.9	1.4	1.4	1.3	1.8	2.3	2.3
70. *	0.2	0.3	0.4	1.3	1.0	0.8	0.7	1.5	1.0	0.9	0.8	1.2	1.3	1.3	1.7	2.3	2.5
75. *	0.2	0.4	0.4	1.0	0.8	0.8	0.7	1.5	1.0	0.8	0.7	1.2	1.3	1.1	1.7	2.4	2.5
80. *	0.4	0.4	0.4	0.9	0.8	0.7	0.6	1.2	1.2	0.8	0.7	1.1	1.2	1.2	1.5	2.6	2.8
85. *	0.4	0.4	0.4	0.9	0.6	0.6	0.6	1.1	1.0	0.8	0.7	1.4	1.1	1.1	1.6	2.6	2.9
90. *	0.4	0.4	0.4	0.9	0.6	0.5	0.6	1.0	0.8	0.9	0.6	1.3	1.0	1.0	1.8	2.9	3.0
95. *	0.4	0.4	0.5	0.9	0.6	0.5	0.5	0.9	0.8	0.7	0.7	1.3	1.1	0.8	1.8	2.6	3.0
100. *	0.3	0.4	0.5	0.9	0.6	0.5	0.5	0.8	0.6	0.6	0.6	1.3	1.2	0.7	1.8	2.0	2.5
105. *	0.3	0.4	0.8	0.8	0.5	0.4	0.4	0.9	0.6	0.5	0.5	1.0	0.9	0.7	1.9	2.0	2.1
110. *	0.3	0.4	0.9	0.8	0.5	0.4	0.4	0.7	0.5	0.4	0.4	0.9	0.7	0.7	1.7	1.4	1.4
115. *	0.4	0.7	1.1	0.7	0.4	0.3	0.2	0.7	0.5	0.3	0.3	0.6	0.5	0.5	1.6	1.2	1.0
120. *	0.6	1.0	1.0	0.7	0.4	0.3	0.1	0.6	0.4	0.3	0.3	0.5	0.4	0.3	1.7	0.9	0.9
125. *	0.8	1.0	0.8	0.7	0.4	0.1	0.1	0.6	0.4	0.3	0.1	0.4	0.3	0.3	1.4	0.6	0.5
130. *	1.0	0.8	0.4	0.7	0.4	0.1	0.0	0.7	0.4	0.3	0.1	0.4	0.3	0.3	1.4	0.5	0.4
135. *	0.9	0.6	0.4	0.7	0.2	0.1	0.0	0.7	0.4	0.2	0.1	0.4	0.3	0.1	1.4	0.4	0.3
140. *	0.6	0.3	0.2	0.8	0.2	0.0	0.0	0.7	0.4	0.2	0.1	0.4	0.3	0.1	1.5	0.4	0.2
145. *	0.5	0.3	0.3	0.7	0.1	0.0	0.0	0.7	0.3	0.1	0.0	0.4	0.2	0.1	1.5	0.3	0.1
150. *	0.3	0.3	0.5	0.7	0.1	0.0	0.0	0.7	0.3	0.1	0.0	0.3	0.2	0.1	1.5	0.2	0.1
155. *	0.3	0.6	0.6	0.7	0.0	0.0	0.0	0.8	0.2	0.0	0.0	0.3	0.1	0.0	1.4	0.2	0.1
160. *	0.3	0.6	0.7	0.7	0.0	0.0	0.0	0.7	0.2	0.0	0.0	0.2	0.1	0.0	1.4	0.1	0.0
165. *	0.6	0.4	0.7	0.7	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.2	0.0	0.0	1.2	0.1	0.0
170. *	0.4	0.4	0.6	0.7	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.1	0.0	0.0	1.0	0.0	0.0
175. *	0.5	0.6	0.7	0.6	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.1	0.0	0.0	0.8	0.0	0.0
180. *	0.4	0.6	0.4	0.6	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0
185. *	0.3	0.4	0.4	0.5	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
190. *	0.3	0.4	0.4	0.4	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
195. *	0.3	0.4	0.5	0.3	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
200. *	0.3	0.4	0.4	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
205. *	0.3	0.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0

JOB: Cordova and Paisano 40 and 2.5 mph RUN: Cordova and Paisano: Hour 18 April 22,

WIND ANGLE RANGE: 0.-360.

WIND ANGLE (DEGR)*	* CONCENTRATION (PPM) REC41	REC42	REC43	REC44	REC45	REC46	REC47	REC48	REC49	REC50	REC51	REC52	REC53	REC54	REC55	REC56	REC57
210. *	0.3	0.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
215. *	0.3	0.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
220. *	0.3	0.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
225. *	0.3	0.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
230. *	0.3	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
235. *	0.3	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
240. *	0.3	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
245. *	0.3	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
250. *	0.3	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
255. *	0.3	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
260. *	0.3	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
265. *	0.3	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1
270. *	0.2	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.3
275. *	0.2	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.4	0.6	0.7
280. *	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.7	1.1	1.3
285. *	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.4	0.5	0.5	1.2	1.8	2.1
290. *	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.7	0.8	0.7	1.6	2.4	2.7
295. *	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.5	0.9	0.9	0.9	1.8	2.6	2.9
300. *	0.0	0.0	0.0	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.9	1.0	1.0	1.9	2.5	2.8
305. *	0.0	0.0	0.0	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	1.0	1.0	0.9	1.9	2.5	2.6
310. *	0.0	0.0	0.0	0.5	0.5	0.5	0.5	0.7	0.6	0.6	0.6	0.9	1.0	0.9	1.9	2.2	2.4
315. *	0.0	0.0	0.0	0.4	0.4	0.5	0.5	0.7	0.7	0.6	0.6	0.9	0.9	0.9	1.9	2.0	2.2
320. *	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.6	0.6	0.5	0.5	0.8	0.9	0.9	2.0	1.9	2.0
325. *	0.0	0.0	0.0	0.5	0.4	0.4	0.4	0.6	0.6	0.6	0.5	0.8	0.8	0.8	2.0	1.8	1.9
330. *	0.0	0.0	0.0	0.5	0.5	0.4	0.4	0.6	0.6	0.6	0.5	0.8	0.8	0.8	2.0	1.8	1.9
335. *	0.0	0.0	0.0	0.5	0.5	0.4	0.4	0.6	0.6	0.6	0.6	0.8	0.8	0.8	2.1	1.7	1.8
340. *	0.0	0.0	0.0	0.6	0.5	0.5	0.4	0.7	0.6	0.6	0.6	0.7	0.8	0.8	2.0	1.6	1.7
345. *	0.0	0.0	0.0	0.7	0.5	0.5	0.4	0.7	0.6	0.6	0.6	0.7	0.8	0.8	2.0	1.5	1.6
350. *	0.0	0.0	0.0	0.7	0.5	0.5	0.5	0.8	0.6	0.6	0.6	0.7	0.7	0.7	2.0	1.5	1.5
355. *	0.0	0.0	0.0	0.7	0.5	0.5	0.5	0.8	0.6	0.6	0.6	0.7	0.7	0.7	1.9	1.4	1.5
360. *	0.0	0.0	0.0	0.8	0.5	0.5	0.5	0.8	0.5	0.5	0.5	0.7	0.7	0.7	1.9	1.4	1.4
MAX *	1.0	1.0	1.1	1.8	1.1	1.0	1.0	1.9	1.4	1.3	1.1	1.7	1.6	1.3	2.6	2.9	3.0
DEGR. *	130	120	115	30	25	40	45	40	40	50	50	45	60	65	40	90	90

THE HIGHEST CONCENTRATION OF 3.20 PPM OCCURRED AT RECEPTOR REC24.