OFFSHORE AND COASTAL DISPERSION (OCD) MODEL, VERSION 5.0

Cape Wind
Sea Route/Cable Receptors
NOx, All Sources

GENERAL INPUT INFORMATION

THIS RUN OF THE OCD MODEL IS FOR THE POLLUTANT FOR 8760 1-HOUR PERIODS.
CONCENTRATION ESTIMATES BEGIN ON HOUR- 1, JULIAN DAY- 1, YEAR-19 5.
1.0 USER LENGTH UNIT IN THE HORIZONTAL = 1.0000000 KILOMETERS.
0 SIGNIFICANT SOURCES ARE TO BE CONSIDERED.

THIS RUN WILL NOT CONSIDER ANY POLLUTANT LOSS.
HIGH-FIVE SUMMARY CONCENTRATION TABLES WILL BE OUTPUT FOR 4 AVERAGING PERIODS.
AVG TIMES OF 1,3,8, AND 24 HOURS ARE AUTOMATICALLY DISPLAYED.

OPTION	OPTION LIST	OPTION SPECIFICATION : 0= IGNORE OPTION 1= USE OPTION
	--TECHNICAL OPTIONS--	
1	CONSIDER TERRAIN ADJUSTMENTS	0
2	DO NOT INCLUDE STACK DOWNWASH CALCULATIONS	1
3	DO NOT INCLUDE GRADUAL PLUME RISE CALCULATIONS	1
4	CALCULATE INITIAL PLUME SIZE DUE TO BUOYANCY	0
	--INPUT OPTIONS--	
5	SOURCE OF MET DATA =0, MET DATA FROM SEPARATE BINARY PCRAMMET FILE =1, ASCII MET DATA INCLUDED IN CONTROL FILE =2, MET DATA FROM SEPARATE ASCII PCRAMMET FILE	2
6	READ HOURLY EMISSIONS	0
7	SPECIFY SIGNIFICANT SOURCES	0
8	RECEPTOR TYPES =0, DISCRETE RECEPTORS ONLY =1, DISCRETE AND POLAR RECEPTORS =2, DISCRETE AND CARTESIAN RECEPTORS =3, DISCRETE, POLAR AND CARTESIAN RECEPTORS =4, POLAR RECEPTORS =5, CARTESIAN RECEPTORS =6, POLAR AND CARTESIAN RECEPTORS	0
	--PRINTED OUTPUT OPTIONS--	
9	DELETE EMISSIONS WITH HEIGHT TABLE	1
10	DELETE MET DATA SUMMARY FOR AVG PERIOD	1
11	DELETE HOURLY CONTRIBUTIONS	1
12	DELETE MET DATA ON HOURLY CONTRIBUTIONS	1
13	DELETE PLUME RISE/TRANSPORT ON HRLY CONTRIBUTIONS	1
14	DELETE HOURLY SUMMARY	1
15	DELETE MET DATA ON HRLY SUMMARY	1
16	DELETE PLUME RISE/TRANSPORT ON HRLY SUMMARY	1
17	DELETE AVG-PERIOD CONTRIBUTIONS	1

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    18       DELETE AVERAGING PERIOD SUMMARY                          1
    19       DELETE AVG CONCENTRATIONS AND HI-5 TABLES                0
                       --OTHER CONTROL AND OUTPUT OPTIONS--
    20       SOURCE TYPE (0=POINT; 1=AREA; 2=LINE)                    0
    21       CREATE SUMMARY OUTPUT FILE CALLED EXTRA.OUT               0
    22       WRITE HOURLY CONC TO DISK                                1
    23       CALCULATE ANNUAL IMPACT FROM NON-PERMANENT ACTIVITIES    0
    24       LAND SOURCE (DO NOT MODIFY WIND SPEED)                   0
    25       SPECIFY POLLUTANT CHEMICAL TRANSFORMATION RATE           0
             PERFORM NORMAL RUN (=1) OR TEST RUN (=0)                 1

LAND ANEMOMETER HEIGHT (METERS) =      10.00
 LAND SURFACE ROUGHNESS LENGTH (METERS) =    0.13200
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POINT SOURCE INFORMATION

SOURCE		EAST COORD	NORTH COORD	EMISSION RATE	BUILDING HEIGHT	STACK TOP HT	STACK TEMP	STACK DIAM	EXIT VELOCITY	STACK ANGLE	BLDG WIDTH
		(USER UNITS)		(G/SEC)	(M)	(M)	(K)	(M)	(M/SEC)	(DEG FROM VERT)	(M)
1	SR525	0.000	0.000	4.920E-01	9.75	10.0	300.0	1.0	5.0	0.0	9.75

				M**4/S**3						HT UNITS)	(CALCULATED)
0.29	91.75										

SURFACE MET DATA FROM STATION(ISFCD) 72506, YEAR IS(FCYR) 19 5
MIXING HEIGHT DATA FROM STATION(IMXD) 14684, YEAR(IMXYR) 19 5

RECEPTOR INFORMATION

RECEPTOR	IDENTIFICATION	EAST COORD	NORTH COORD	RECEPTOR HT ABV LOCAL GRD LVL	RECEPTOR GROUND LEVEL ELEVATION	HTER
		(USER UNITS)		(METERS)	(USER HT UNITS)	(M)
1	SR0001	-0.500	0.500	0.0	0.00	0.0
2	SR0002	-0.500	0.400	0.0	0.00	0.0
3	SR0003	-0.500	0.300	0.0	0.00	0.0
4	SR0004	-0.500	0.200	0.0	0.00	0.0
5	SR0005	-0.500	0.100	0.0	0.00	0.0
6	SR0006	-0.500	0.000	0.0	0.00	0.0
7	SR0007	-0.500	-0.100	0.0	0.00	0.0
8	SR0008	-0.500	-0.200	0.0	0.00	0.0
9	SR0009	-0.500	-0.300	0.0	0.00	0.0
10	SR0010	-0.500	-0.400	0.0	0.00	0.0
11	SR0011	-0.500	-0.500	0.0	0.00	0.0
12	SR0012	-0.400	0.500	0.0	0.00	0.0
13	SR0013	-0.400	0.400	0.0	0.00	0.0
14	SR0014	-0.400	0.300	0.0	0.00	0.0
15	SR0015	-0.400	0.200	0.0	0.00	0.0
16	SR0016	-0.400	0.100	0.0	0.00	0.0
17	SR0017	-0.400	0.000	0.0	0.00	0.0
18	SR0018	-0.400	-0.100	0.0	0.00	0.0
19	SR0019	-0.400	-0.200	0.0	0.00	0.0
20	SR0020	-0.400	-0.300	0.0	0.00	0.0
21	SR0021	-0.400	-0.400	0.0	0.00	0.0
22	SR0022	-0.400	-0.500	0.0	0.00	0.0

23	SR0023	-0.300	0.500	0.0	0.00	0.0
24	SR0024	-0.300	0.400	0.0	0.00	0.0
25	SR0025	-0.300	0.300	0.0	0.00	0.0
26	SR0026	-0.300	0.200	0.0	0.00	0.0
27	SR0027	-0.300	0.100	0.0	0.00	0.0
28	SR0028	-0.300	0.000	0.0	0.00	0.0
29	SR0029	-0.300	-0.100	0.0	0.00	0.0
30	SR0030	-0.300	-0.200	0.0	0.00	0.0
31	SR0031	-0.300	-0.300	0.0	0.00	0.0
32	SR0032	-0.300	-0.400	0.0	0.00	0.0
33	SR0033	-0.300	-0.500	0.0	0.00	0.0
34	SR0034	-0.200	0.500	0.0	0.00	0.0
35	SR0035	-0.200	0.400	0.0	0.00	0.0
36	SR0036	-0.200	0.300	0.0	0.00	0.0
37	SR0037	-0.200	0.200	0.0	0.00	0.0
38	SR0038	-0.200	0.100	0.0	0.00	0.0
39	SR0039	-0.200	0.000	0.0	0.00	0.0
40	SR0040	-0.200	-0.100	0.0	0.00	0.0
41	SR0041	-0.200	-0.200	0.0	0.00	0.0
42	SR0042	-0.200	-0.300	0.0	0.00	0.0
43	SR0043	-0.200	-0.400	0.0	0.00	0.0
44	SR0044	-0.200	-0.500	0.0	0.00	0.0
45	SR0045	-0.100	0.500	0.0	0.00	0.0
46	SR0046	-0.100	0.400	0.0	0.00	0.0
47	SR0047	-0.100	0.300	0.0	0.00	0.0
48	SR0048	-0.100	0.200	0.0	0.00	0.0
49	SR0049	-0.100	0.100	0.0	0.00	0.0

50	SR0050	-0.100	0.000	0.0	0.00	0.0
51	SR0051	-0.100	-0.100	0.0	0.00	0.0
52	SR0052	-0.100	-0.200	0.0	0.00	0.0
53	SR0053	-0.100	-0.300	0.0	0.00	0.0
54	SR0054	-0.100	-0.400	0.0	0.00	0.0
55	SR0055	-0.100	-0.500	0.0	0.00	0.0
56	SR0056	0.000	0.500	0.0	0.00	0.0
57	SR0057	0.000	0.400	0.0	0.00	0.0
58	SR0058	0.000	0.300	0.0	0.00	0.0
59	SR0059	0.000	0.200	0.0	0.00	0.0
60	SR0060	0.000	0.100	0.0	0.00	0.0
61	SR0061	0.000	-0.100	0.0	0.00	0.0
62	SR0062	0.000	-0.200	0.0	0.00	0.0
63	SR0063	0.000	-0.300	0.0	0.00	0.0
64	SR0064	0.000	-0.400	0.0	0.00	0.0
65	SR0065	0.000	-0.500	0.0	0.00	0.0
66	SR0066	0.100	0.500	0.0	0.00	0.0
67	SR0067	0.100	0.400	0.0	0.00	0.0
68	SR0068	0.100	0.300	0.0	0.00	0.0
69	SR0069	0.100	0.200	0.0	0.00	0.0
70	SR0070	0.100	0.100	0.0	0.00	0.0
71	SR0071	0.100	0.000	0.0	0.00	0.0
72	SR0072	0.100	-0.100	0.0	0.00	0.0
73	SR0073	0.100	-0.200	0.0	0.00	0.0
74	SR0074	0.100	-0.300	0.0	0.00	0.0
75	SR0075	0.100	-0.400	0.0	0.00	0.0
76	SR0076	0.100	-0.500	0.0	0.00	0.0

77	SR0077	0.200	0.500	0.0	0.00	0.0
78	SR0078	0.200	0.400	0.0	0.00	0.0
79	SR0079	0.200	0.300	0.0	0.00	0.0
80	SR0080	0.200	0.200	0.0	0.00	0.0
81	SR0081	0.200	0.100	0.0	0.00	0.0
82	SR0082	0.200	0.000	0.0	0.00	0.0
83	SR0083	0.200	-0.100	0.0	0.00	0.0
84	SR0084	0.200	-0.200	0.0	0.00	0.0
85	SR0085	0.200	-0.300	0.0	0.00	0.0
86	SR0086	0.200	-0.400	0.0	0.00	0.0
87	SR0087	0.200	-0.500	0.0	0.00	0.0
88	SR0088	0.300	0.500	0.0	0.00	0.0
89	SR0089	0.300	0.400	0.0	0.00	0.0
90	SR0090	0.300	0.300	0.0	0.00	0.0
91	SR0091	0.300	0.200	0.0	0.00	0.0
92	SR0092	0.300	0.100	0.0	0.00	0.0
93	SR0093	0.300	0.000	0.0	0.00	0.0
94	SR0094	0.300	-0.100	0.0	0.00	0.0
95	SR0095	0.300	-0.200	0.0	0.00	0.0
96	SR0096	0.300	-0.300	0.0	0.00	0.0
97	SR0097	0.300	-0.400	0.0	0.00	0.0
98	SR0098	0.300	-0.500	0.0	0.00	0.0
99	SR0099	0.400	0.500	0.0	0.00	0.0
100	SR0100	0.400	0.400	0.0	0.00	0.0
101	SR0101	0.400	0.300	0.0	0.00	0.0
102	SR0102	0.400	0.200	0.0	0.00	0.0
103	SR0103	0.400	0.100	0.0	0.00	0.0

104	SR0104	0.400	0.000	0.0	
0.00	0.0				
105	SR0105	0.400	-0.100	0.0	
0.00	0.0				
106	SR0106	0.400	-0.200	0.0	
0.00	0.0				
107	SR0107	0.400	-0.300	0.0	
0.00	0.0				
108	SR0108	0.400	-0.400	0.0	
0.00	0.0				
109	SR0109	0.400	-0.500	0.0	
0.00	0.0				
110	SR0110	0.500	0.500	0.0	
0.00	0.0				
111	SR0111	0.500	0.400	0.0	
0.00	0.0				
112	SR0112	0.500	0.300	0.0	
0.00	0.0				
113	SR0113	0.500	0.200	0.0	
0.00	0.0				
114	SR0114	0.500	0.100	0.0	
0.00	0.0				
115	SR0115	0.500	0.000	0.0	
0.00	0.0				
116	SR0116	0.500	-0.100	0.0	
0.00	0.0				
117	SR0117	0.500	-0.200	0.0	
0.00	0.0				
118	SR0118	0.500	-0.300	0.0	
0.00	0.0				
119	SR0119	0.500	-0.400	0.0	
0.00	0.0				
120	SR0120	0.500	-0.400	0.0	
0.00	0.0				

OPTION SETTINGS FOR INCLUSION OF ADDITIONAL METEOROLOGY ARE LISTED BELOW:

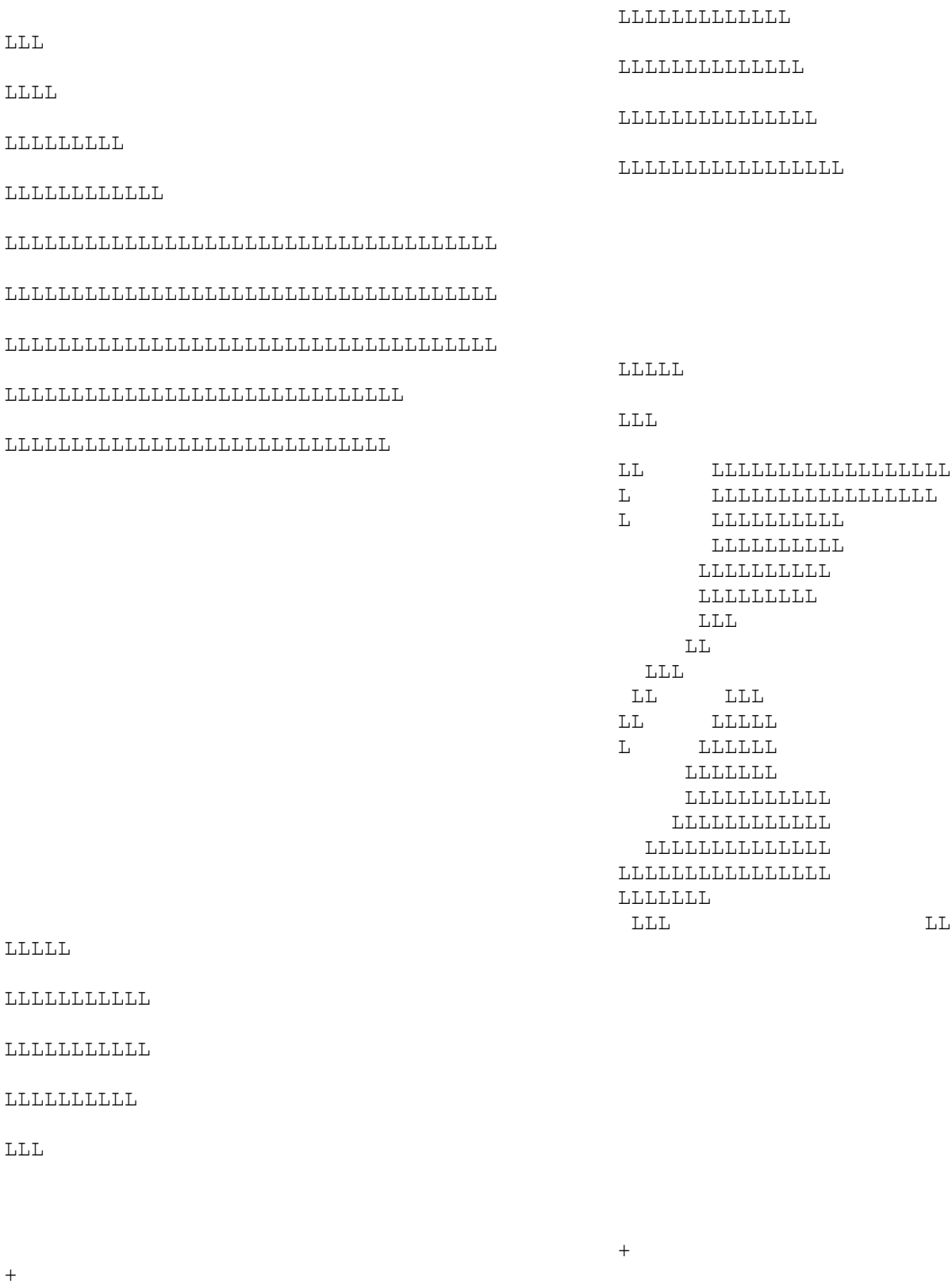
OPTION 1: OVERWATER WIND DIRECTION 1
(1=PROVIDED, 0=NOT PROVIDED, OR DO NOT USE)
OPTION 2: OVERWATER WIND SPEED 1
(1=PROVIDED, 0=NOT PROVIDED, OR DO NOT USE)
OPTION 3: OVERWATER VERT. POT. TEMP. GRAD. DATA 0
(1=PROVIDED, 0=NOT PROVIDED, OR DO NOT USE)
OPTION 4: OVERWATER HUMIDITY 1
(1=RELATIVE HUMIDITY (%), 2=WET BULB TEMPERATURE (DEG K),
3=DEW POINT TEMPERATURE (DEG K))
OPTION 5: OVERLAND TURBULENCE DATA 0
(1=PROVIDED, 0=NOT PROVIDED, OR DO NOT USE)
OPTION 6: WATER SURFACE TEMPERATURE 1
(1=WATER SURFACE TEMP (DEG K),
2=AIR MINUS WATER TEMP (DEG K))
OPTION 7: WIND DIRECTION SHEAR DATA 0
(1=PROVIDED, 0=NOT PROVIDED, OR DO NOT USE)
OPTION 8: OVERWATER TURBULENCE DATA (Y-COMPONENT) 0
(1=PROVIDED, 0=NOT PROVIDED, OR DO NOT USE)
OPTION 9: OVERWATER TURBULENCE DATA (Z-COMPONENT) 0
(1=PROVIDED, 0=NOT PROVIDED, OR DO NOT USE)

ANEMOMETER HEIGHT (ABOVE WATER LEVEL) FOR OVERWATER DATA = 10.00 METERS.
AIR TEMPERATURE SENSOR HEIGHT (ABOVE WATER LEVEL) FOR OVERWATER DATA = 20.00 METERS.

LAND-WATER MAPPING:
COORDINATES OF THE NORTHWEST CORNER OF THE MAP IN USER UNITS ARE (-40.000, 40.000)
OF GRID RECTANGLES ALONG THE X-AXIS (I.E., THE NUMBER OF GRID COLUMNS) = 40
OF GRID RECTANGLES ALONG THE Y-AXIS (I.E., THE NUMBER OF GRID ROWS) = 40
LENGTH OF THE (X,Y) SIDES OF A GRID RECTANGLE (USER UNITS) = (2.000, 2.000), OR (2.000, 2.000) KM.
MINIMUM SIGNIFICANT WIDTH OF LAND OR WATER BODY ALONG WIND DIRECTION (USER UNITS) = 1.000
AVERAGE DISTANCE BETWEEN SOURCE AND SHORELINE (USER UNITS) = 19.000

MAP OF USER-SPECIFIED LAND/WATER DISTRIBUTION; L = LAND AREA, (BLANK) = WATER AREA

RANGE OF X: -40.000 TO 40.000; RANGE OF Y: -40.000 TO 40.000; GRID (X,Y) LENGTHS = (2.000, 2.000) USER UNITS



MAP OF LAND/WATER, MODEL RECEPTORS (*), AND POINT SOURCES (S); L = LAND
, (BLANK) = WATER AREA; SOME SYMBOLS MAY BE OVERWRITTEN
RANGE OF X: -40.000 TO 40.000; RANGE OF Y: -40.000 TO 40.000;
GRID (X,Y) LENGTHS = (2.000, 2.000) USER UNITS


LLL
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OFFSHORE AND COASTAL DISPERSION (OCD) MODEL, VERSION 5.0

Cape Wind
Sea Route/Cable Receptors
NOx, All Sources

RECEPTOR	IDENTIFICATION	EAST COORD (USER UNITS)	NORTH COORD (METERS)	RECEPTOR HT ABV LOCAL GRD LVL (USER HT UNITS)	RECEPTOR GROUND LEVEL ELEVATION	AVG CONC FOR PERIOD DAY 1.HR 1. TO DAY365.HR24. (MICROGRAMS/M**3)
1	SR0001	-0.50	0.50	0.0	0.0	0.22
2	SR0002	-0.50	0.40	0.0	0.0	0.13
3	SR0003	-0.50	0.30	0.0	0.0	0.15
4	SR0004	-0.50	0.20	0.0	0.0	0.20
5	SR0005	-0.50	0.10	0.0	0.0	0.45
6	SR0006	-0.50	0.00	0.0	0.0	0.48
7	SR0007	-0.50	-0.10	0.0	0.0	0.38
8	SR0008	-0.50	-0.20	0.0	0.0	0.40
9	SR0009	-0.50	-0.30	0.0	0.0	0.36
10	SR0010	-0.50	-0.40	0.0	0.0	0.36
11	SR0011	-0.50	-0.50	0.0	0.0	0.32
12	SR0012	-0.40	0.50	0.0	0.0	0.30
13	SR0013	-0.40	0.40	0.0	0.0	0.26
14	SR0014	-0.40	0.30	0.0	0.0	0.14
15	SR0015	-0.40	0.20	0.0	0.0	0.19
16	SR0016	-0.40	0.10	0.0	0.0	0.41
17	SR0017	-0.40	0.00	0.0	0.0	0.56
18	SR0018	-0.40	-0.10	0.0	0.0	0.43
19	SR0019	-0.40	-0.20	0.0	0.0	0.45
20	SR0020	-0.40	-0.30	0.0	0.0	0.42

21	SR0021	-0.40	-0.40	0.0	0.0
0.38					
22	SR0022	-0.40	-0.50	0.0	0.0
0.38					
23	SR0023	-0.30	0.50	0.0	0.0
0.36					
24	SR0024	-0.30	0.40	0.0	0.0
0.35					
25	SR0025	-0.30	0.30	0.0	0.0
0.32					
26	SR0026	-0.30	0.20	0.0	0.0
0.18					
27	SR0027	-0.30	0.10	0.0	0.0
0.35					
28	SR0028	-0.30	0.00	0.0	0.0
0.64					
29	SR0029	-0.30	-0.10	0.0	0.0
0.51					
30	SR0030	-0.30	-0.20	0.0	0.0
0.49					
31	SR0031	-0.30	-0.30	0.0	0.0
0.47					
32	SR0032	-0.30	-0.40	0.0	0.0
0.48					
33	SR0033	-0.30	-0.50	0.0	0.0
0.44					
34	SR0034	-0.20	0.50	0.0	0.0
0.42					
35	SR0035	-0.20	0.40	0.0	0.0
0.45					
36	SR0036	-0.20	0.30	0.0	0.0
0.44					
37	SR0037	-0.20	0.20	0.0	0.0
0.39					
38	SR0038	-0.20	0.10	0.0	0.0
0.27					
39	SR0039	-0.20	0.00	0.0	0.0
0.74					
40	SR0040	-0.20	-0.10	0.0	0.0
0.61					
41	SR0041	-0.20	-0.20	0.0	0.0
0.59					
42	SR0042	-0.20	-0.30	0.0	0.0
0.62					
43	SR0043	-0.20	-0.40	0.0	0.0
0.51					
44	SR0044	-0.20	-0.50	0.0	0.0
0.45					
45	SR0045	-0.10	0.50	0.0	0.0
0.54					
46	SR0046	-0.10	0.40	0.0	0.0
0.61					
47	SR0047	-0.10	0.30	0.0	0.0
0.66					

48	SR0048	-0.10	0.20	0.0	0.0	0.60
49	SR0049	-0.10	0.10	0.0	0.0	0.48
50	SR0050	-0.10	0.00	0.0	0.0	0.62
51	SR0051	-0.10	-0.10	0.0	0.0	0.75
52	SR0052	-0.10	-0.20	0.0	0.0	0.73
53	SR0053	-0.10	-0.30	0.0	0.0	0.66
54	SR0054	-0.10	-0.40	0.0	0.0	0.61
55	SR0055	-0.10	-0.50	0.0	0.0	0.58
56	SR0056	0.00	0.50	0.0	0.0	0.59
57	SR0057	0.00	0.40	0.0	0.0	0.67
58	SR0058	0.00	0.30	0.0	0.0	0.76
59	SR0059	0.00	0.20	0.0	0.0	0.86
60	SR0060	0.00	0.10	0.0	0.0	0.74
61	SR0061	0.00	-0.10	0.0	0.0	0.64
62	SR0062	0.00	-0.20	0.0	0.0	0.71
63	SR0063	0.00	-0.30	0.0	0.0	0.59
64	SR0064	0.00	-0.40	0.0	0.0	0.50
65	SR0065	0.00	-0.50	0.0	0.0	0.43
66	SR0066	0.10	0.50	0.0	0.0	0.60
67	SR0067	0.10	0.40	0.0	0.0	0.69
68	SR0068	0.10	0.30	0.0	0.0	0.90
69	SR0069	0.10	0.20	0.0	0.0	* 1.28
70	SR0070	0.10	0.10	0.0	0.0	1.19
71	SR0071	0.10	0.00	0.0	0.0	0.48
72	SR0072	0.10	-0.10	0.0	0.0	0.64
73	SR0073	0.10	-0.20	0.0	0.0	0.55
74	SR0074	0.10	-0.30	0.0	0.0	0.37

75	SR0075	0.10	-0.40	0.0	0.0
0.32					
76	SR0076	0.10	-0.50	0.0	0.0
0.29					
77	SR0077	0.20	0.50	0.0	0.0
0.82					
78	SR0078	0.20	0.40	0.0	0.0
1.01					
79	SR0079	0.20	0.30	0.0	0.0
1.08					
80	SR0080	0.20	0.20	0.0	0.0
1.01					
81	SR0081	0.20	0.10	0.0	0.0
0.73					
82	SR0082	0.20	0.00	0.0	0.0
0.55					
83	SR0083	0.20	-0.10	0.0	0.0
0.47					
84	SR0084	0.20	-0.20	0.0	0.0
0.48					
85	SR0085	0.20	-0.30	0.0	0.0
0.41					
86	SR0086	0.20	-0.40	0.0	0.0
0.39					
87	SR0087	0.20	-0.50	0.0	0.0
0.27					
88	SR0088	0.30	0.50	0.0	0.0
0.82					
89	SR0089	0.30	0.40	0.0	0.0
0.88					
90	SR0090	0.30	0.30	0.0	0.0
0.85					
91	SR0091	0.30	0.20	0.0	0.0
0.65					
92	SR0092	0.30	0.10	0.0	0.0
0.62					
93	SR0093	0.30	0.00	0.0	0.0
0.46					
94	SR0094	0.30	-0.10	0.0	0.0
0.45					
95	SR0095	0.30	-0.20	0.0	0.0
0.37					
96	SR0096	0.30	-0.30	0.0	0.0
0.38					
97	SR0097	0.30	-0.40	0.0	0.0
0.34					
98	SR0098	0.30	-0.50	0.0	0.0
0.31					
99	SR0099	0.40	0.50	0.0	0.0
0.74					
100	SR0100	0.40	0.40	0.0	0.0
0.70					
101	SR0101	0.40	0.30	0.0	0.0
0.61					

102	SR0102	0.40	0.20	0.0	0.0
0.54					
103	SR0103	0.40	0.10	0.0	0.0
0.49					
104	SR0104	0.40	0.00	0.0	0.0
0.40					
105	SR0105	0.40	-0.10	0.0	0.0
0.39					
106	SR0106	0.40	-0.20	0.0	0.0
0.33					
107	SR0107	0.40	-0.30	0.0	0.0
0.32					
108	SR0108	0.40	-0.40	0.0	0.0
0.32					
109	SR0109	0.40	-0.50	0.0	0.0
0.29					
110	SR0110	0.50	0.50	0.0	0.0
0.58					
111	SR0111	0.50	0.40	0.0	0.0
0.54					
112	SR0112	0.50	0.30	0.0	0.0
0.46					
113	SR0113	0.50	0.20	0.0	0.0
0.46					
114	SR0114	0.50	0.10	0.0	0.0
0.39					
115	SR0115	0.50	0.00	0.0	0.0
0.34					
116	SR0116	0.50	-0.10	0.0	0.0
0.34					
117	SR0117	0.50	-0.20	0.0	0.0
0.30					
118	SR0118	0.50	-0.30	0.0	0.0
0.26					
119	SR0119	0.50	-0.40	0.0	0.0
0.27					
120	SR0120	0.50	-0.40	0.0	0.0
0.27					

FIVE HIGHEST 1-HOUR CONCENTRATIONS((ENDING ON JULIAN DAY, HOUR)

(MICROGRAMS/M**3)

RECEPTOR	1	2	3	4	5
1(-0.50, 0.50)	24.33 (327,23)	23.88 (327, 9)	23.40 (101,19)	23.06 (40,22)	23.04 (327,19)
2(-0.50, 0.40)	27.04 (327,11)	26.54 (115,16)	26.37 (68,24)	26.34 (83,12)	25.57 (328, 2)
3(-0.50, 0.30)	29.13 (306,15)	27.13 (328, 1)	26.51 (328, 3)	26.34 (104,17)	22.48 (269,18)
4(-0.50, 0.20)	29.35 (77,19)	29.13 (9,23)	28.57 (66,20)	28.48 (185,17)	28.47 (325,10)

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     5(  -0.50,   0.10)      32.08  ( 68,17)      31.89  (337, 5)
31.84  (275,12)      31.71  (275, 9)      31.42  (306,14)
     6(  -0.50,   0.00)      32.58  (324,21)      32.27  (325,15)
32.04  (353,22)      31.36  (146,22)      31.36  (353,24)
     7(  -0.50,  -0.10)      32.66  (354, 3)      31.82  ( 68,13)
31.41  (364,17)      30.76  (108,16)      30.45  (147, 1)
     8(  -0.50,  -0.20)      30.89  (324,13)      29.26  (234,18)
29.11  (256,19)      29.06  (266,17)      29.00  (266,15)
     9(  -0.50,  -0.30)      27.83  (306,11)      27.44  (  4, 1)
27.42  ( 94,20)      27.18  (133,24)      27.11  ( 32, 8)
    10(  -0.50,  -0.40)      25.92  (208, 6)      25.26  (276,19)
25.17  (254,21)      24.94  (234,12)      24.68  (324,11)
    11(  -0.50,  -0.50)      24.03  ( 92, 9)      22.85  (147, 2)
22.66  (163, 9)      22.59  ( 94,21)      22.57  ( 11,14)
    12(  -0.40,   0.50)      26.90  (334,14)      26.39  ( 60,20)
26.33  (337,10)      26.04  (364,22)      26.00  ( 68,20)
    13(  -0.40,   0.40)      30.14  (327, 9)      30.02  (327,23)
28.16  ( 40,22)      28.05  ( 66,24)      27.90  (327,19)
    14(  -0.40,   0.30)      32.40  (275, 8)      32.17  ( 13,10)
29.89  (128,14)      29.74  (301,23)      29.04  (353,19)
    15(  -0.40,   0.20)      37.48  (275,11)      36.70  (327, 8)
36.14  (325,19)      35.47  (343,17)      34.55  ( 83,13)
    16(  -0.40,   0.10)      39.61  (147,22)      39.10  (306,13)
38.57  ( 69, 3)      37.11  (353,20)      36.58  (364,20)
    17(  -0.40,   0.00)      39.53  ( 13, 9)      39.04  ( 22,13)
38.74  (325,17)      38.55  (327, 7)      38.41  (308,10)
    18(  -0.40,  -0.10)      39.34  ( 12,20)      37.48  (364,16)
35.10  (354, 3)      34.21  (308, 9)      32.52  (257,13)
    19(  -0.40,  -0.20)      36.23  ( 68,11)      34.45  (114, 3)
32.54  (236,14)      32.44  (324,12)      32.37  (  9,19)
    20(  -0.40,  -0.30)      32.12  (352, 6)      31.91  ( 32, 9)
31.76  ( 77,16)      31.55  ( 32, 7)      30.95  (320,17)
    21(  -0.40,  -0.40)      29.23  ( 11,14)      28.37  (320,16)
27.96  ( 92, 9)      27.88  (340,12)      27.26  (102, 2)
    22(  -0.40,  -0.50)      26.63  (306, 8)      26.52  (  4,12)
26.24  (333,19)      26.11  (  4,13)      25.97  (208, 2)
    23(  -0.30,   0.50)      28.91  (274,23)      28.73  ( 83,14)
28.17  (303, 8)      28.03  ( 60,19)      27.96  (343,18)
    24(  -0.30,   0.40)      32.18  (364,22)      32.17  (343,19)
31.94  ( 68,20)      31.45  (337,10)      30.80  (334,14)
    25(  -0.30,   0.30)      38.60  (327, 9)      38.51  (308,11)
37.18  (327,23)      34.36  ( 40,22)      34.12  ( 66,24)
    26(  -0.30,   0.20)      44.65  ( 68,21)      44.60  (301,23)
42.28  (275,10)      38.89  (275, 8)      37.95  (  2,16)
    27(  -0.30,   0.10)      50.52  (343,15)      48.61  (352,16)
46.00  ( 68,22)      44.70  (306,13)      43.85  (325,10)
    28(  -0.30,   0.00)      52.77  ( 13, 9)      51.58  (308,10)
51.57  (327, 7)      51.43  (325,17)      49.86  (364,19)
    29(  -0.30,  -0.10)      50.04  (308, 9)      48.64  (354, 4)
42.16  ( 13, 8)      40.03  ( 22,12)      39.30  ( 51,22)
    30(  -0.30,  -0.20)      44.03  ( 32, 4)      43.14  (364,14)
40.66  (334,10)      40.51  ( 77,16)      40.41  (352, 6)
    31(  -0.30,  -0.30)      39.00  ( 11,14)      38.69  (320,16)
37.72  (  9,17)      36.73  (340,12)      36.38  ( 32, 5)
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    32(  -0.30,  -0.40)      33.71  (321, 3)      33.23  (  9,15)
32.50  ( 11,19)      31.87  (320,22)      31.62  ( 11,16)
    33(  -0.30,  -0.50)      29.24  (324, 7)      29.18  (334, 8)
28.57  (321, 4)      28.52  (320,24)      28.14  (276,21)
    34(  -0.20,   0.50)      29.99  (  4,21)      28.93  (352,14)
28.71  (270,19)      28.09  (193,15)      27.82  (200, 4)
    35(  -0.20,   0.40)      37.45  (334,18)      36.22  (334,20)
36.10  ( 60,17)      35.23  (334,19)      34.72  ( 40,21)
    36(  -0.20,   0.30)      41.98  (337, 7)      37.76  (365, 3)
37.27  (343,18)      37.26  (331,10)      36.78  (319,18)
    37(  -0.20,   0.20)      54.93  (308,11)      48.10  (327, 9)
45.58  (337, 6)      44.35  (327,23)      44.22  ( 13,11)
    38(  -0.20,   0.10)      66.19  (325,19)      62.43  (147,21)
60.37  (352, 9)      56.26  (364,21)      56.10  (275,11)
    39(  -0.20,   0.00)      67.91  ( 13, 9)      67.13  (308,10)
66.70  (327, 7)      65.69  (325,17)      61.73  (337, 3)
    40(  -0.20,  -0.10)      62.33  (  4,15)      60.35  ( 38,19)
60.15  ( 68,11)      51.04  ( 13, 7)      50.22  (  9,19)
    41(  -0.20,  -0.20)      55.41  (  9,17)      53.29  ( 32, 5)
53.19  (320,16)      51.61  ( 11,14)      47.78  (  4,14)
    42(  -0.20,  -0.30)      44.45  (320,23)      43.83  ( 44,17)
43.83  (320,14)      43.69  (  9,16)      43.49  (354, 5)
    43(  -0.20,  -0.40)      36.75  ( 77,15)      36.16  (321, 6)
35.54  (321, 5)      35.27  ( 94,23)      34.86  ( 44,16)
    44(  -0.20,  -0.50)      31.16  (334, 7)      30.10  (321, 1)
29.76  (319,15)      28.36  (115,12)      28.33  ( 32,18)
    45(  -0.10,   0.50)      31.22  (319,19)      30.93  (356, 7)
30.70  (115,19)      30.65  (128,15)      30.61  (308,13)
    46(  -0.10,   0.40)      40.00  (352,12)      39.19  (319,20)
39.10  (319,21)      38.48  ( 60,18)      38.44  (356, 9)
    47(  -0.10,   0.30)      48.96  (352,13)      47.66  ( 66,17)
46.78  ( 38,22)      44.09  (153,10)      41.60  ( 13, 5)
    48(  -0.10,   0.20)      64.45  (352,10)      60.52  (331,10)
55.96  (334,18)      54.19  (353,16)      54.05  (277, 1)
    49(  -0.10,   0.10)      74.77  ( 12,21)      65.34  (308,11)
62.36  (277, 1)      61.66  (334,12)      59.10  (319,18)
    50(  -0.10,   0.00)      63.69  (  8, 7)      54.06  (308,10)
53.50  (327, 7)      52.49  ( 13, 9)      52.45  (337, 3)
    51(  -0.10,  -0.10)      78.20  (337, 2)      67.22  (  9,17)
62.97  ( 32, 5)      61.15  ( 13, 6)      60.78  (320,16)
    52(  -0.10,  -0.20)      68.96  (327, 6)      64.23  (327, 3)
64.13  (321, 6)      60.49  (321, 5)      60.10  (308, 7)
    53(  -0.10,  -0.30)      51.48  (320, 6)      49.02  (320, 5)
48.33  ( 32,17)      48.30  (  4,16)      44.79  (319,16)
    54(  -0.10,  -0.40)      40.17  (333,20)      38.91  ( 48,18)
37.17  (279, 8)      37.16  (301,21)      36.76  (321, 7)
    55(  -0.10,  -0.50)      32.66  (279, 8)      32.08  ( 44,18)
32.04  ( 75, 8)      31.56  ( 38,14)      31.13  ( 93, 2)
    56(   0.00,   0.50)      32.25  (280,23)      31.80  ( 73,12)
31.21  (282,21)      30.50  (148, 2)      30.28  (275,21)
    57(   0.00,   0.40)      39.90  ( 73,12)      38.38  (353,18)
35.79  (280,23)      35.14  (282,21)      34.27  (148, 2)
    58(   0.00,   0.30)      50.62  (353,18)      50.02  ( 73,12)
38.82  (282,21)      38.44  (280,23)      38.16  ( 85,19)
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    59(   0.00,   0.20)      63.82  (353,18)      58.30  ( 73,12)
54.37  (321,21)      54.21  ( 38,21)      50.12  ( 64, 7)
    60(   0.00,   0.10)      84.19  (321,21)      63.74  ( 64, 7)
58.98  ( 38,21)      54.72  (321,22)      48.89  (353,18)
    61(   0.00,  -0.10) *   100.78  (279,10) *    89.09  (277, 7)
84.48  (327, 1)      79.68  (277, 3)      72.13  (301,22)
    62(   0.00,  -0.20)      77.81  (277, 7)      73.99  (327, 5)
72.04  (279,10)      69.65  ( 13, 4)      69.20  (321,10)
    63(   0.00,  -0.30)      52.77  (327, 5)      51.40  (321,10)
50.36  (277, 7)      49.50  ( 75, 7)      49.05  ( 68, 9)
    64(   0.00,  -0.40)      40.20  ( 75, 7)      39.98  ( 68, 9)
39.73  (279, 4)      37.79  (327, 5)      37.54  (321,10)
    65(   0.00,  -0.50)      32.48  (279, 4)      32.43  ( 75, 7)
32.32  ( 68, 9)      31.28  (147, 3)      30.88  (323,23)
    66(   0.10,   0.50)      32.98  (277,13)      30.87  (189, 1)
30.83  (153,24)      30.75  (281, 5)      30.64  (265, 7)
    67(   0.10,   0.40)      40.28  (314,15)      35.30  (286,14)
35.02  (267,19)      34.94  (148, 1)      34.45  (277,13)
    68(   0.10,   0.30)      50.36  (325,22)      47.45  ( 39, 8)
43.12  (302, 1)      43.03  (314,14)      41.70  ( 84, 6)
    69(   0.10,   0.20)      56.40  (279,14)      55.36  (331, 9)
49.13  (314,13)      47.76  (353,15)      45.34  (267,23)
    70(   0.10,   0.10)      79.91  (321,23)      66.60  (322, 6)
66.34  (356, 6)      64.45  ( 29,14)      64.44  ( 48,23)
    71(   0.10,   0.00)      83.15  (331, 7)      73.82  (279,13)
71.69  (279,11)      67.42  (321,12)      66.23  (  8, 4)
    72(   0.10,  -0.10)      90.23  (280, 9)      86.83  (277, 9)
80.48  (314,12)      78.11  (  8, 5)      68.69  (334, 1)
    73(   0.10,  -0.20)      67.47  (326,23)      64.66  ( 98, 8)
64.35  ( 32,15)      61.48  ( 12,22)      60.56  (321, 8)
    74(   0.10,  -0.30)      50.19  (320,13)      48.66  (  4,17)
47.50  (320,10)      47.08  (  4,20)      44.61  (326,24)
    75(   0.10,  -0.40)      39.79  (324, 5)      37.26  (283,19)
34.66  (320,13)      34.21  (263,14)      34.01  (285,20)
    76(   0.10,  -0.50)      32.37  (299,21)      31.01  (229, 4)
30.71  (277, 5)      30.53  (283,11)      29.75  ( 92,14)
    77(   0.20,   0.50)      30.89  (326,17)      30.67  (302, 1)
30.48  ( 39,11)      30.34  ( 64,24)      30.03  ( 39,16)
    78(   0.20,   0.40)      37.62  (279,14)      34.46  (267,23)
33.38  (264,23)      33.04  (211, 5)      32.55  ( 63,12)
    79(   0.20,   0.30)      42.44  (302, 2)      42.32  ( 29,15)
40.66  ( 39, 7)      40.41  (302, 3)      39.52  ( 39,10)
    80(   0.20,   0.20)      55.58  (356, 6)      54.80  ( 48,23)
53.58  (322, 6)      51.98  (321,23)      50.25  ( 29,14)
    81(   0.20,   0.10)      64.21  (321,14)      60.06  (279,12)
57.21  (322, 5)      56.30  (321,15)      55.72  (322, 2)
    82(   0.20,   0.00)      70.43  (331, 7)      69.86  (326,10)
67.74  ( 79,10)      60.53  (  8, 4)      59.61  ( 73,10)
    83(   0.20,  -0.10)      66.40  (326, 7)      65.85  (326, 8)
65.43  (277,10)      61.91  (  8, 3)      59.10  (353,14)
    84(   0.20,  -0.20)      56.32  (280, 9)      55.65  (334, 1)
52.65  (363,23)      51.89  ( 32,14)      50.74  (353,12)
    85(   0.20,  -0.30)      45.32  (320, 7)      43.49  ( 32,13)
42.77  (364, 8)      42.30  (363,24)      40.57  (264, 7)
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    86(   0.20,  -0.40)      35.65  ( 94,24)      35.44  (326,23)
35.04  (364, 2)      34.60  ( 25,23)      34.31  (333,22)
    87(   0.20,  -0.50)      31.19  (364, 1)      29.82  ( 68, 8)
29.67  (100, 1)      29.46  ( 32,11)      29.00  ( 32,10)
    88(   0.30,   0.50)      28.31  (230, 3)      28.28  ( 39,17)
28.23  ( 98,16)      28.00  ( 39,10)      27.95  (264,24)
    89(   0.30,   0.40)      32.93  ( 41,14)      32.48  ( 71, 2)
32.27  (347, 7)      31.05  ( 63,15)      30.94  (255,21)
    90(   0.30,   0.30)      38.49  (356, 6)      38.02  ( 48,23)
36.46  ( 63,20)      36.43  (322, 6)      34.00  (315,22)
    91(   0.30,   0.20)      44.95  (322, 3)      43.56  ( 29,13)
42.99  ( 79,11)      41.51  ( 94, 8)      39.55  (364,11)
    92(   0.30,   0.10)      50.26  ( 39, 4)      50.18  ( 40, 8)
49.57  (321,24)      45.66  ( 94, 7)      45.14  (279,12)
    93(   0.30,   0.00)      54.54  (326,10)      50.58  ( 63, 6)
48.99  ( 79,10)      46.23  ( 30,14)      46.22  ( 73,10)
    94(   0.30,  -0.10)      50.91  (336,23)      47.38  ( 56,21)
47.05  ( 13, 2)      46.73  (  5, 6)      45.65  (331, 3)
    95(   0.30,  -0.20)      44.97  (353,13)      44.49  ( 64, 3)
44.44  ( 83, 8)      42.09  ( 22, 9)      40.16  (280, 8)
    96(   0.30,  -0.30)      39.17  (363,23)      37.84  (334, 1)
36.65  (264, 4)      36.09  (353,12)      35.36  (320,11)
    97(   0.30,  -0.40)      33.12  (324, 2)      32.81  (333,23)
31.59  ( 66,14)      30.63  (264, 6)      30.61  (273, 6)
    98(   0.30,  -0.50)      28.74  (326,22)      28.41  (273, 7)
28.08  (333,24)      27.77  (  3,21)      27.39  (219, 7)
    99(   0.40,   0.50)      26.68  ( 99, 5)      26.00  ( 98,18)
25.75  ( 71, 3)      25.63  (255,22)      25.63  (319,22)
   100(   0.40,   0.40)      29.37  ( 63,20)      29.00  (315,22)
28.94  ( 94,10)      28.91  ( 98,20)      28.84  (326, 3)
   101(   0.40,   0.30)      31.33  (288,11)      31.24  ( 40, 5)
30.93  (323,13)      30.76  (323,14)      30.62  (286,19)
   102(   0.40,   0.20)      36.65  ( 71, 1)      36.02  ( 40,13)
35.81  (322, 4)      35.14  ( 40,14)      34.66  (363,17)
   103(   0.40,   0.10)      39.49  ( 40,11)      38.75  ( 48,15)
38.59  ( 56,23)      38.31  ( 39, 1)      37.42  ( 38,24)
   104(   0.40,   0.00)      41.08  (326,10)      40.44  ( 63, 6)
37.12  (  4,19)      35.20  ( 79,10)      34.83  ( 30,14)
   105(   0.40,  -0.10)      39.06  ( 64, 2)      36.27  (312,17)
34.84  (336,20)      34.44  ( 48,16)      32.67  (304,21)
   106(   0.40,  -0.20)      36.47  ( 48,17)      34.71  ( 12,23)
34.67  (  7,24)      34.38  (326, 7)      34.26  (326, 8)
   107(   0.40,  -0.30)      33.22  (280, 8)      32.36  ( 63, 4)
32.04  (320, 9)      31.91  ( 73, 9)      31.13  ( 63, 5)
   108(   0.40,  -0.40)      29.10  (264, 4)      29.09  (363,23)
27.39  (  5, 7)      26.79  (334, 1)      26.74  (100, 2)
   109(   0.40,  -0.50)      26.17  ( 66,14)      25.79  (364, 9)
25.44  (264, 6)      25.15  ( 74,22)      21.53  ( 92,13)
   110(   0.50,   0.50)      24.85  (326, 3)      24.61  (326, 2)
24.54  ( 98,20)      24.48  ( 94,10)      24.45  (325,24)
   111(   0.50,   0.40)      27.13  (326, 4)      26.85  (326,14)
26.56  ( 63,17)      26.36  (323, 8)      26.35  (315,23)
   112(   0.50,   0.30)      28.83  (322, 7)      28.06  (263,19)
27.98  (364,11)      27.89  (326,19)      27.69  ( 63,16)
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   113(   0.50,   0.20)      30.86  (336,19)      30.39  (347, 6)
30.26  (326,20)      30.00  (356, 5)      29.81  (322,15)
   114(   0.50,   0.10)      32.92  ( 40,12)      32.80  ( 39, 5)
32.52  ( 63,22)      32.39  (363,19)      32.26  (347,20)
   115(   0.50,   0.00)      32.29  ( 63, 6)      31.63  (326,10)
30.23  (  4,19)      29.69  (100, 3)      29.21  (273,24)
   116(   0.50,  -0.10)      33.05  (331, 4)      32.88  (331, 5)
32.81  (312,17)      29.92  ( 48,11)      29.18  ( 57,10)
   117(   0.50,  -0.20)      31.48  (336,21)      30.79  (363,22)
30.49  (320,12)      29.43  (286,11)      28.99  ( 79, 9)
   118(   0.50,  -0.30)      26.66  (195,21)      25.95  (326,11)
24.80  (264, 1)      24.63  (177,22)      24.48  ( 64, 3)
   119(   0.50,  -0.40)      26.66  (286,10)      26.19  (320, 9)
26.15  (280, 7)      25.11  ( 63, 4)      24.68  ( 73, 9)
   120(   0.50,  -0.40)      26.66  (286,10)      26.19  (320, 9)
26.15  (280, 7)      25.11  ( 63, 4)      24.68  ( 73, 9)

                                          FIVE HIGHEST  3-HOUR
CONCENTRATIONS((ENDING ON JULIAN DAY, HOUR)
                                                    (MICROGRAMS/M**3)

  RECEPTOR                          1                   2
3                   4                   5

     1(  -0.50,   0.50)      19.91  (250, 9)      19.74  (327,21)
19.35  (224,18)      18.55  (327,24)      12.44  (224,15)
     2(  -0.50,   0.40)      19.37  (327,12)       9.97  ( 40,24)
9.30  (328, 3)       9.14  ( 13,12)       9.07  (188,12)
     3(  -0.50,   0.30)      17.96  (328, 3)      14.04  (252, 6)
12.90  (242,21)      12.65  (237,24)      11.79  (275,12)
     4(  -0.50,   0.20)      17.70  ( 77,21)      13.69  (325, 9)
12.08  (111,18)      11.97  (343,15)      11.41  (237,21)
     5(  -0.50,   0.10)      26.79  (199,24)      25.54  (146, 9)
21.81  ( 94,18)      21.15  (328, 9)      19.84  (238,12)
     6(  -0.50,   0.00)      27.28  (325,18)      25.69  (257,21)
24.64  (257,18)      22.52  (324,21)      22.43  (249, 3)
     7(  -0.50,  -0.10)      21.66  (156,18)      21.66  (248,24)
20.84  ( 89, 6)      20.43  (364,18)      19.35  (156, 9)
     8(  -0.50,  -0.20)      27.40  (266,18)      20.68  (256,21)
20.55  (234,18)      18.89  (266,15)      18.04  (245, 9)
     9(  -0.50,  -0.30)      20.90  (133,24)      20.32  ( 32, 3)
19.01  (136,18)      17.67  (267, 9)      17.19  (  4, 3)
    10(  -0.50,  -0.40)      16.94  ( 32, 9)      15.76  ( 32, 6)
15.50  (133,18)      15.47  (340,12)      15.22  (133,21)
    11(  -0.50,  -0.50)      15.09  (152,18)      14.63  (340,15)
12.94  (102, 3)      12.92  (340,12)      12.46  ( 32, 6)
    12(  -0.40,   0.50)      18.11  (365, 6)      16.36  ( 68,21)
16.01  (287, 6)      15.16  ( 66,21)      14.83  (364,24)
    13(  -0.40,   0.40)      23.74  (327,21)      23.56  (250, 9)
23.49  (224,18)      23.26  (327,24)      15.36  (224,15)
    14(  -0.40,   0.30)      21.38  (327,12)      13.18  (274,18)
11.34  ( 13,12)      11.27  (328, 3)      10.90  (275, 9)
    15(  -0.40,   0.20)      17.66  (325, 9)      14.83  (237,21)
14.28  (275,12)      13.90  ( 77,21)      12.24  (327, 9)
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    16(  -0.40,   0.10)      23.21  ( 94,18)      22.83  (306,15)
22.67  (353,21)      22.21  (196, 9)      20.87  (208,24)
    17(  -0.40,   0.00)      35.12  (325,18)      29.12  (257,21)
27.75  (257,18)      26.50  (249, 3)      26.36  (324,21)
    18(  -0.40,  -0.10)      26.00  (139,18)      23.03  ( 89,21)
21.45  ( 89, 6)      20.94  (364,18)      20.30  (151, 9)
    19(  -0.40,  -0.20)      29.90  (236,15)      26.16  (114, 3)
21.75  (257, 6)      18.63  ( 32, 3)      16.54  (113,24)
    20(  -0.40,  -0.30)      24.95  ( 32, 9)      20.76  (133,21)
20.37  ( 32, 6)      18.00  (195, 9)      17.86  ( 59, 9)
    21(  -0.40,  -0.40)      17.81  (340,15)      17.54  (152,18)
16.92  (340,12)      16.76  ( 32, 6)      15.94  (  9,18)
    22(  -0.40,  -0.50)      19.57  (306, 9)      18.42  (  4,12)
17.77  (207,24)      17.34  (208, 3)      17.14  (364, 6)
    23(  -0.30,   0.50)      25.59  (365, 3)      22.92  (303, 9)
21.82  (334,21)      20.37  (189,15)      19.89  (245,24)
    24(  -0.30,   0.40)      22.11  (287, 6)      21.96  (365, 6)
20.95  (364,24)      19.42  ( 60,21)      17.81  ( 10, 3)
    25(  -0.30,   0.30)      29.41  (327,24)      28.38  (327,21)
27.99  (224,18)      27.18  (250, 9)      18.62  (224,15)
    26(  -0.30,   0.20)      19.13  (328, 3)      17.56  (275,12)
17.28  (327,12)      15.72  (274,18)      14.88  ( 68,21)
    27(  -0.30,   0.10)      28.97  (343,15)      22.08  ( 77,21)
21.52  (  9,24)      20.66  (352,18)      20.22  (364,21)
    28(  -0.30,   0.00)      45.90  (325,18)      32.33  (257,21)
30.76  (249, 3)      30.73  (257,18)      30.24  (324,21)
    29(  -0.30,  -0.10)      28.38  (143,18)      27.99  (266,18)
27.10  (266,21)      21.75  (255, 3)      20.99  (208, 9)
    30(  -0.30,  -0.20)      33.71  ( 32, 9)      25.14  (133,24)
22.93  ( 32, 6)      22.13  ( 31,24)      19.80  ( 32, 3)
    31(  -0.30,  -0.30)      23.74  ( 32, 6)      22.84  (340,12)
22.69  (  9,18)      21.64  (340,15)      19.95  (152,18)
    32(  -0.30,  -0.40)      25.67  ( 11,18)      25.52  (  9,15)
23.56  (320,24)      22.92  (276,24)      22.07  (306, 9)
    33(  -0.30,  -0.50)      22.81  (321, 6)      22.01  ( 48,21)
21.93  (320,24)      20.35  (276,24)      19.58  ( 11,18)
    34(  -0.20,   0.50)      22.09  (356,12)      18.63  (  2,21)
18.29  (352,15)      17.75  (186, 9)      17.00  ( 40,21)
    35(  -0.20,   0.40)      29.52  (224, 9)      29.25  (251, 9)
26.88  (334,21)      23.58  (303,18)      22.65  ( 40,21)
    36(  -0.20,   0.30)      35.36  (365, 3)      24.94  (331,12)
24.23  (245,24)      23.74  ( 60,21)      22.19  (189,15)
    37(  -0.20,   0.20)      36.03  (327,24)      32.83  (327,21)
30.96  (224,18)      29.38  (250, 9)      21.86  ( 13,12)
    38(  -0.20,   0.10)      23.29  (325, 9)      22.93  ( 77,21)
22.42  (343,15)      22.07  (325,21)      21.77  (275,12)
    39(  -0.20,   0.00) *    57.52  (325,18)      35.18  (257,21)
34.08  (249, 3)      33.76  (257,18)      33.23  (324,21)
    40(  -0.20,  -0.10)      38.01  (236,15)      35.50  (114, 3)
32.92  ( 13, 9)      29.26  (257, 6)      24.17  ( 32, 3)
    41(  -0.20,  -0.20)      34.70  ( 32, 6)      33.52  (  9,18)
30.65  (340,12)      27.41  (320,18)      25.48  (  4,15)
    42(  -0.20,  -0.30)      40.33  (320,24)      38.79  ( 11,18)
38.39  (276,24)      36.57  ( 48,21)      31.99  (  9,15)
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    43(  -0.20,  -0.40)      31.56  (321, 6)      26.20  ( 48,21)
24.88  ( 77,15)      19.62  (206,18)      17.17  ( 44,18)
    44(  -0.20,  -0.50)      20.12  (254, 9)      18.24  ( 32,18)
17.81  (319,15)      17.50  (276,18)      16.66  (  9,12)
    45(  -0.10,   0.50)      26.44  (319,21)      26.18  (282, 3)
26.06  (356, 9)      24.91  (225,12)      22.16  ( 83,21)
    46(  -0.10,   0.40)      35.96  (319,21)      32.67  (356, 9)
27.38  (282, 9)      24.95  (352,12)      23.58  (281,21)
    47(  -0.10,   0.30)      33.08  (356,12)      29.43  (352,15)
28.70  (251, 3)      27.08  ( 66,18)      26.30  (356,15)
    48(  -0.10,   0.20)      37.74  (352,15)      37.44  (334,21)
33.28  (331,12)      33.21  (224, 9)      32.94  (251, 9)
    49(  -0.10,   0.10)      40.93  (327,24)      38.53  (327,21)
29.82  (250, 9)      29.80  (224,18)      25.83  ( 13,12)
    50(  -0.10,   0.00)      45.80  (325,18)      30.26  (257,21)
29.90  (257,18)      27.82  (249, 3)      27.31  (324,21)
    51(  -0.10,  -0.10)      41.04  ( 32, 6)      40.97  (  9,18)
34.46  (340,12)      33.51  (320,18)      31.68  (  4,15)
    52(  -0.10,  -0.20)      53.85  (321, 6) *    53.30  ( 48,21)
36.17  ( 77,15)      35.12  (319,18)      31.36  (320,24)
    53(  -0.10,  -0.30)      33.50  (320, 6)      27.61  ( 32,18)
26.44  (254,18)      26.16  (319,18)      25.48  ( 32,21)
    54(  -0.10,  -0.40)      24.10  (147,12)      23.32  (256,15)
22.19  (264,12)      22.14  ( 15,24)      21.96  ( 32,21)
    55(  -0.10,  -0.50)      23.73  (192,12)      23.25  (254,15)
22.36  ( 93, 3)      20.09  (162, 6)      19.91  (256,15)
    56(   0.00,   0.50)      25.50  (281,15)      24.54  (185,24)
24.14  (230,15)      24.01  (126, 3)      20.97  (280,24)
    57(   0.00,   0.40)      28.77  (281,15)      27.36  (230,15)
26.96  (126, 3)      26.34  (185,24)      23.39  (280,24)
    58(   0.00,   0.30)      31.78  (281,15)      30.27  (230,15)
29.43  (126, 3)      27.73  (185,24)      25.31  (280,24)
    59(   0.00,   0.20)      34.68  (281,15)      32.21  (230,15)
31.36  ( 19,12)      31.14  (126, 3)      29.93  ( 64, 9)
    60(   0.00,   0.10)      36.05  ( 64, 9)      30.54  (281,15)
28.06  (321,21)      26.65  (185,24)      26.49  (353,18)
    61(   0.00,  -0.10)      51.17  (277, 9)      47.28  (327, 3)
38.65  (277, 6)      38.54  (277, 3)      37.32  (321,12)
    62(   0.00,  -0.20)      46.67  (279, 6)      40.77  (277, 9)
37.60  (327, 3)      35.70  (321,12)      34.39  (327, 6)
    63(   0.00,  -0.30)      39.48  (279, 6)      25.36  (277, 9)
24.34  (321,12)      23.47  (327, 6)      22.88  (327, 3)
    64(   0.00,  -0.40)      31.46  (279, 6)      20.14  (323,24)
19.98  (145, 6)      17.85  ( 44,24)      17.05  (321,12)
    65(   0.00,  -0.50)      25.03  (279, 6)      18.03  (323,24)
17.55  (145, 6)      16.32  ( 44,24)      14.98  (228, 3)
    66(   0.10,   0.50)      24.78  (265, 9)      21.12  (238,21)
20.35  (246,15)      19.41  (286,15)      17.90  (282,18)
    67(   0.10,   0.40)      30.08  (286,15)      29.33  (211,15)
26.78  (314,15)      24.05  (222,12)      21.73  (238,21)
    68(   0.10,   0.30)      32.91  (265, 6)      32.65  (314,15)
29.67  (286,15)      25.75  (164,18)      25.15  (164,15)
    69(   0.10,   0.20)      29.24  (267,24)      29.04  (314,15)
28.94  ( 39, 9)      27.66  (211, 9)      26.33  (279,15)
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    70(   0.10,   0.10)      42.31  (321,15)      36.55  (  3,18)
35.50  (302,21)      34.43  (  5, 3)      32.76  (331, 9)
    71(   0.10,   0.00)      28.07  (331, 9)      24.69  (279,12)
24.61  (279,15)      22.47  (321,12)      22.08  (  8, 6)
    72(   0.10,  -0.10)      42.39  (280, 9)      37.77  (  8, 6)
37.48  ( 19, 9)      37.23  (334, 3)      33.70  (264, 6)
    73(   0.10,  -0.20)      54.20  (326,24)      42.85  ( 32,12)
40.92  ( 98, 9)      34.18  (324, 3)      31.04  (333,24)
    74(   0.10,  -0.30)      34.08  ( 98, 9)      33.99  ( 32,12)
27.23  (283,18)      21.99  (326,24)      18.97  (277, 3)
    75(   0.10,  -0.40)      22.82  (324, 6)      22.45  (263,15)
20.20  (283,18)      17.05  (273,12)      15.59  (277, 3)
    76(   0.10,  -0.50)      23.13  (324, 6)      17.67  (158,12)
12.61  (263,15)      12.31  ( 15,15)      12.07  (277, 3)
    77(   0.20,   0.50)      23.50  (239,12)      21.83  ( 97,18)
21.54  (232,12)      20.06  ( 39, 9)      19.85  (222,21)
    78(   0.20,   0.40)      23.99  (211, 9)      22.09  (122, 6)
22.04  (182,18)      21.89  (182,12)      21.80  (267,24)
    79(   0.20,   0.30)      28.98  ( 63,15)      28.00  (302, 3)
26.53  (286,18)      25.99  (120,21)      25.87  ( 99, 3)
    80(   0.20,   0.20)      33.78  (  3,18)      31.11  (181, 6)
30.54  (302,21)      29.36  (  5, 3)      28.35  (326, 3)
    81(   0.20,   0.10)      56.40  (321,15)      48.75  (322, 3)
37.75  (322, 6)      35.55  ( 43,24)      28.85  ( 40,15)
    82(   0.20,   0.00)      26.82  ( 30,15)      23.67  ( 63, 9)
23.63  (331, 9)      23.29  (326,12)      22.58  ( 79,12)
    83(   0.20,  -0.10)      44.09  (326, 9)      43.34  (336,24)
30.06  (353,15)      28.85  (  7,24)      26.60  ( 83, 9)
    84(   0.20,  -0.20)      31.64  ( 19, 9)      31.08  (334, 3)
28.47  (280, 9)      28.38  (264, 6)      27.91  (353,12)
    85(   0.20,  -0.30)      28.08  ( 32,15)      24.88  (326,24)
23.85  (333,24)      21.75  (299,24)      20.46  (364, 9)
    86(   0.20,  -0.40)      28.23  (326,24)      26.16  ( 32,12)
24.10  (324, 3)      21.14  (333,24)      20.71  (219, 6)
    87(   0.20,  -0.50)      28.45  ( 32,12)      22.05  ( 98, 9)
18.26  (364, 3)      15.86  (326,24)      14.81  (324, 3)
    88(   0.30,   0.50)      21.55  (122, 3)      21.30  (213, 9)
20.92  ( 63,12)      19.24  (135, 3)      18.08  (134,21)
    89(   0.30,   0.40)      27.51  ( 63,15)      20.72  ( 71, 3)
20.48  (112,24)      19.78  (286,18)      18.77  (121, 6)
    90(   0.30,   0.30)      29.04  (  3,18)      27.89  (326, 3)
27.28  (181, 6)      27.09  (302,21)      25.09  (  5, 3)
    91(   0.30,   0.20)      30.60  (181, 3)      28.90  (322, 3)
27.77  (321,15)      26.31  (280, 3)      26.07  ( 94, 9)
    92(   0.30,   0.10)      35.77  ( 39, 6)      31.53  ( 40, 9)
28.09  (178,12)      24.60  (321,15)      23.94  (101, 3)
    93(   0.30,   0.00)      21.12  ( 30,15)      18.18  (326,12)
18.15  ( 63, 9)      16.86  ( 63, 6)      16.33  ( 79,12)
    94(   0.30,  -0.10)      41.58  (336,24)      25.36  (331, 3)
20.24  ( 64, 3)      18.94  (  8, 3)      17.72  (338, 9)
    95(   0.30,  -0.20)      26.63  (264, 3)      26.28  ( 83, 9)
26.01  (280, 9)      25.12  (353,15)      22.98  ( 22, 9)
    96(   0.30,  -0.30)      22.78  (264, 6)      22.47  (334, 3)
21.53  (353,12)      21.07  ( 19, 9)      19.20  ( 54,21)
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    97(   0.30,  -0.40)      19.31  ( 32,15)      16.85  (244, 3)
16.64  (364, 9)      15.16  ( 74,24)      14.61  (334, 3)
    98(   0.30,  -0.50)      19.42  (326,24)      16.19  (333,24)
13.87  (299,24)      13.52  ( 32,15)      12.66  (243,24)
    99(   0.40,   0.50)      24.18  (322,24)      22.17  (112,24)
18.60  (197,24)      18.18  (155,24)      17.08  (302, 6)
   100(   0.40,   0.40)      25.36  (326, 3)      24.03  (  3,18)
23.19  (302,21)      22.85  (181, 6)      21.34  (173, 6)
   101(   0.40,   0.30)      24.39  (323,15)      20.37  (160, 3)
20.25  (323, 9)      18.89  (135,24)      18.83  ( 94, 9)
   102(   0.40,   0.20)      28.36  ( 43,24)      26.32  (322, 3)
23.72  ( 40,15)      23.16  (322, 6)      21.96  (321,15)
   103(   0.40,   0.10)      32.85  ( 39, 6)      29.01  ( 40,12)
21.58  ( 40, 9)      19.67  ( 39, 3)      19.55  ( 57,12)
   104(   0.40,   0.00)      15.79  ( 30,15)      14.77  ( 48, 9)
14.44  (174, 6)      14.31  (330,24)      13.69  (326,12)
   105(   0.40,  -0.10)      28.47  (331, 6)      23.16  ( 64, 3)
20.59  (  8, 3)      17.35  ( 54, 3)      15.53  ( 98, 3)
   106(   0.40,  -0.20)      23.75  (336,24)      22.88  (326, 9)
21.27  (  7,24)      16.95  ( 83, 9)      15.21  (191, 3)
   107(   0.40,  -0.30)      26.67  (280, 9)      21.16  ( 63, 6)
19.56  (274, 9)      17.53  ( 83, 9)      15.15  ( 22, 9)
   108(   0.40,  -0.40)      17.91  (264, 6)      16.60  (353,12)
16.52  ( 54,21)      16.48  (334, 3)      14.76  ( 19, 9)
   109(   0.40,  -0.50)      13.12  ( 32,15)      11.67  (364, 9)
11.49  (264, 6)      11.20  (334, 3)      10.88  (300, 3)
   110(   0.50,   0.50)      22.20  (326, 3)      19.84  (  3,18)
19.60  (302,21)      19.00  (181, 6)      17.89  (173, 6)
   111(   0.50,   0.40)      20.93  (135,24)      19.94  (159, 3)
19.30  (323,15)      18.89  (323, 9)      18.48  (247, 3)
   112(   0.50,   0.30)      22.56  (322,12)      18.70  (322, 3)
18.48  (164, 3)      16.67  (322, 6)      16.23  (181, 3)
   113(   0.50,   0.20)      20.86  (226, 9)      16.46  (235, 9)
15.52  (288, 9)      15.36  (322,15)      14.76  (263,21)
   114(   0.50,   0.10)      22.17  ( 39, 6)      21.36  ( 40,12)
20.88  ( 57,12)      18.62  ( 39, 3)      15.29  (190,12)
   115(   0.50,   0.00)      13.62  ( 48, 9)      13.14  (330,24)
13.02  (174, 6)      12.00  ( 30,15)      10.76  ( 63, 6)
   116(   0.50,  -0.10)      31.43  (331, 6)      20.27  (  8, 3)
13.89  ( 54, 3)      13.65  ( 99,12)      12.91  ( 64, 3)
   117(   0.50,  -0.20)      27.77  (336,24)      15.32  (331, 3)
13.83  ( 96,24)      13.44  (326, 9)      11.47  (326,12)
   118(   0.50,  -0.30)      19.70  (264, 3)      13.90  ( 83, 9)
13.67  ( 54,15)      12.98  (353,15)      12.81  ( 22, 9)
   119(   0.50,  -0.40)      20.64  (280, 9)      17.03  (140, 3)
16.11  ( 63, 6)      15.89  (219, 3)      11.41  (274, 9)
   120(   0.50,  -0.40)      20.64  (280, 9)      17.03  (140, 3)
16.11  ( 63, 6)      15.89  (219, 3)      11.41  (274, 9)

                                          FIVE HIGHEST  8-HOUR
CONCENTRATIONS((ENDING ON JULIAN DAY, HOUR)
                                                  (MICROGRAMS/M**3)
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RECEPTOR		1		2		3		4		5	
1(	-0.50, 0.50)	15.89	(327,24)	9.53	(224,24)	9.22	(250, 8)	7.51	(224,16)	6.22	(66,24)
2(	-0.50, 0.40)	8.05	(327,16)	6.71	(68,24)	4.62	(77,24)	3.92	(237,24)	3.76	(40,24)
3(	-0.50, 0.30)	9.47	(328, 8)	6.65	(237,24)	5.27	(252, 8)	5.07	(288,24)	5.00	(77,24)
4(	-0.50, 0.20)	8.27	(77,24)	7.00	(147,24)	6.76	(325, 8)	6.69	(352,16)	6.32	(325,16)
5(	-0.50, 0.10)	14.71	(328,16)	11.47	(199,24)	11.22	(238,16)	11.02	(328, 8)	10.28	(332, 8)
6(	-0.50, 0.00)	18.74	(324,24)	17.65	(249, 8)	15.80	(257,24)	15.31	(325,16)	11.89	(146,24)
7(	-0.50, -0.10)	14.58	(156,16)	12.28	(89, 8)	10.69	(248,24)	10.50	(208,16)	9.39	(324,16)
8(	-0.50, -0.20)	17.78	(256,24)	13.58	(266,24)	11.71	(234,24)	10.81	(90, 8)	10.57	(266,16)
9(	-0.50, -0.30)	16.04	(32, 8)	14.20	(136,24)	11.20	(31,24)	11.04	(267, 8)	8.88	(257, 8)
10(	-0.50, -0.40)	10.48	(5,24)	10.07	(32, 8)	9.98	(340,16)	9.03	(133,24)	8.44	(31,24)
11(	-0.50, -0.50)	11.00	(340,16)	8.66	(4,16)	7.17	(102, 8)	5.44	(32, 8)	5.37	(294,16)
12(	-0.40, 0.50)	10.91	(66,24)	10.41	(45,16)	10.26	(365, 8)	9.99	(327,24)	9.49	(335, 8)
13(	-0.40, 0.40)	19.57	(327,24)	11.68	(224,24)	10.78	(250, 8)	9.17	(224,16)	7.79	(66,24)
14(	-0.40, 0.30)	8.48	(327,16)	7.99	(68,24)	5.88	(77,24)	5.22	(237,24)	4.94	(274,24)
15(	-0.40, 0.20)	9.05	(77,24)	8.61	(147,24)	8.49	(237,24)	8.31	(343,24)	7.40	(60,16)
16(	-0.40, 0.10)	11.94	(208,24)	10.10	(325, 8)	9.54	(343,16)	8.95	(258,16)	8.89	(328, 8)
17(	-0.40, 0.00)	21.55	(324,24)	20.76	(249, 8)	18.22	(325,16)	17.97	(257,24)	13.21	(146,24)
18(	-0.40, -0.10)	12.81	(89,24)	12.48	(248,24)	10.67	(89, 8)	10.34	(139,24)	9.63	(329,16)
19(	-0.40, -0.20)	13.58	(257, 8)	13.38	(236,16)	12.62	(32, 8)	11.38	(256,24)	9.93	(267, 8)
20(	-0.40, -0.30)	15.50	(32, 8)	13.27	(31,24)	12.01	(5,24)	11.80	(133,24)	9.69	(340,16)
21(	-0.40, -0.40)	13.90	(340,16)	10.78	(4,16)	8.93	(102, 8)	7.39	(32, 8)	6.82	(320,16)
22(	-0.40, -0.50)	12.55	(4,16)	10.70	(320,24)	9.41	(208, 8)	8.71	(207,24)	8.16	(217,24)
23(	-0.30, 0.50)	13.41	(303,16)	12.87	(365, 8)	11.46	(334,24)	11.27	(60,24)	10.89	(189,16)
24(	-0.30, 0.40)	15.72	(365, 8)	10.27	(287, 8)	10.17	(335, 8)	9.95	(66,24)	9.92	(60,24)
25(	-0.30, 0.30)	24.16	(327,24)	14.18	(224,24)	12.32	(250, 8)	10.97	(224,16)	10.23	(68,24)

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    26(  -0.30,   0.20)       8.46  (328, 8)       7.89  ( 68,24)
7.45  ( 77,24)       7.08  (237,24)       6.62  (275,16)
    27(  -0.30,   0.10)      12.04  (343,16)      10.77  (147,24)
10.40  (352,16)      10.36  ( 77,24)       8.43  (249,24)
    28(  -0.30,   0.00)      24.36  (324,24)      23.95  (249, 8)
21.36  (325,16)      20.05  (257,24)      14.51  ( 90,16)
    29(  -0.30,  -0.10)      17.89  (266,24)      12.46  (157,16)
11.65  (248,16)      10.89  ( 92, 8)      10.83  (255, 8)
    30(  -0.30,  -0.20)      24.88  ( 32, 8)      17.74  ( 31,24)
14.10  (133,24)      10.19  (267, 8)       9.26  (  5,24)
    31(  -0.30,  -0.30)      17.84  (340,16)      13.71  (  4,16)
11.18  (102, 8)      10.59  ( 32, 8)       9.49  (320,16)
    32(  -0.30,  -0.40)      17.58  (320,24)      12.37  (  9,16)
11.40  (  5,16)      11.24  (321, 8)      11.20  (  4,16)
    33(  -0.30,  -0.50)      17.44  (320,24)      12.43  (321, 8)
11.39  (276,24)       9.97  ( 77,16)       8.88  (  5,16)
    34(  -0.20,   0.50)      14.97  (356,16)      13.00  (270,24)
11.28  (  2,24)      10.28  (352,16)      10.15  (356,24)
    35(  -0.20,   0.40)      19.07  (334,24)      12.42  (352,16)
12.34  ( 60,24)      11.48  (331,16)      11.40  (251, 8)
    36(  -0.20,   0.30)      21.31  (365, 8)      16.80  (189,16)
15.23  ( 60,24)      14.58  (331,16)      13.81  (287, 8)
    37(  -0.20,   0.20)      28.89  (327,24)      16.19  (224,24)
13.48  (250, 8)      13.20  ( 68,24)      12.23  (224,16)
    38(  -0.20,   0.10)      13.61  ( 77,24)      12.97  (147,24)
11.43  (343,24)      11.39  (352,16)       9.95  ( 60,16)
    39(  -0.20,   0.00)      26.87  (324,24)      26.32  (249, 8)
23.75  (325,16)      22.04  (257,24)      16.12  ( 90,16)
    40(  -0.20,  -0.10)      18.98  ( 32, 8)      18.50  (257, 8)
17.19  (236,16)      15.53  (256,24)      13.31  (114, 8)
    41(  -0.20,  -0.20)      22.48  (340,16)      17.59  (  4,16)
15.69  ( 32, 8)      14.00  (320,24)      13.59  (102, 8)
    42(  -0.20,  -0.30)      29.76  (320,24)      19.70  (321, 8)
19.21  (276,24)      17.57  (  9,16)      15.84  (  5,16)
    43(  -0.20,  -0.40)      16.56  (321, 8)      12.57  (320,24)
10.49  (206,24)      10.33  ( 77,16)      10.30  (276,24)
    44(  -0.20,  -0.50)      13.81  ( 32,24)      12.40  (206,16)
10.29  (321, 8)      10.03  (319,16)       9.69  (298, 8)
    45(  -0.10,   0.50)      19.13  (281,24)      17.60  ( 85,16)
16.60  (270,16)      14.69  (225,16)      14.41  (282, 8)
    46(  -0.10,   0.40)      19.49  (282, 8)      18.13  (281,24)
16.47  (306,24)      15.03  (176, 8)      14.81  (352,16)
    47(  -0.10,   0.30)      28.06  (356,16)      19.71  (352,16)
18.41  (  2,24)      17.74  ( 85, 8)      17.04  (251, 8)
    48(  -0.10,   0.20)      26.96  (334,24)      22.83  (352,16)
18.38  (331,16)      16.35  ( 60,24)      13.65  (270,24)
    49(  -0.10,   0.10)      33.36  (327,24)      15.99  (224,24)
15.56  ( 68,24)      15.20  (250, 8)      14.19  ( 66,24)
    50(  -0.10,   0.00)      22.82  (324,24)      21.12  (249, 8)
19.33  (257,24)      17.83  (325,16)      12.76  (208,16)
    51(  -0.10,  -0.10)      25.55  (340,16)      21.96  (  4,16)
18.92  ( 32, 8)      18.39  (320,24)      15.93  (320,16)
    52(  -0.10,  -0.20)      28.50  (321, 8)      21.72  (320,24)
21.02  ( 48,24)      20.98  (327, 8)      17.20  (276,24)
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    53(  -0.10,  -0.30)      23.17  ( 32,24)      18.45  (206,16)
17.58  (327, 8)      17.38  (218, 8)      14.33  ( 15,24)
    54(  -0.10,  -0.40)      16.94  (254,16)      16.10  ( 32,24)
14.88  (162, 8)      12.67  (264,16)      12.44  (327, 8)
    55(  -0.10,  -0.50)      17.45  (162, 8)      16.95  (218,16)
12.44  ( 32,24)      12.43  (254,16)      12.25  (192,16)
    56(   0.00,   0.50)      17.00  (280,24)      14.72  (281,16)
12.55  (126, 8)      11.08  (230,16)      10.69  (203,16)
    57(   0.00,   0.40)      19.12  (280,24)      16.68  (281,16)
13.94  (126, 8)      12.67  (230,16)      11.96  ( 19,16)
    58(   0.00,   0.30)      20.93  (280,24)      18.50  (281,16)
15.17  (126, 8)      14.22  ( 19,16)      14.17  (230,16)
    59(   0.00,   0.20)      22.24  (280,24)      20.26  (281,16)
17.35  ( 19,16)      16.42  (126, 8)      15.34  (230,16)
    60(   0.00,   0.10)      17.92  (281,16)      17.78  (280,24)
17.37  (321,24)      14.86  ( 19,16)      13.90  (126, 8)
    61(   0.00,  -0.10) *    48.14  (277, 8) *    30.23  (327, 8)
20.58  (279,16)      19.91  (301,24)      18.97  (279, 8)
    62(   0.00,  -0.20)      38.45  (277, 8)      27.00  (327, 8)
23.68  (279, 8)      18.34  (301,24)      17.29  (321,16)
    63(   0.00,  -0.30)      23.84  (277, 8)      20.20  (279, 8)
17.38  (327, 8)      13.84  (301,24)      13.82  (321,16)
    64(   0.00,  -0.40)      16.33  (279, 8)      15.77  (277, 8)
11.76  (327, 8)      11.76  ( 38,16)      11.45  (145, 8)
    65(   0.00,  -0.50)      13.14  (279, 8)      11.17  (277, 8)
10.38  (323,24)      10.35  ( 38,16)      10.02  (145, 8)
    66(   0.10,   0.50)      17.78  (282,24)      13.80  (238,24)
12.01  (212,16)      10.97  (246,16)      10.83  (175,16)
    67(   0.10,   0.40)      14.81  (265, 8)      14.52  (123,16)
13.74  (211,16)      12.75  (238,24)      12.11  (314,16)
    68(   0.10,   0.30)      17.08  (232,16)      16.22  (211,16)
16.07  (222,16)      15.39  (265, 8)      14.59  (222,24)
    69(   0.10,   0.20)      25.38  (182,16)      17.31  (134,24)
16.77  (211, 8)      16.28  (239, 8)      15.48  ( 63,16)
    70(   0.10,   0.10)      25.12  (302,24)      18.76  ( 98,24)
18.52  (277,24)      18.29  (  1, 8)      18.13  (240, 8)
    71(   0.10,   0.00)      18.49  (279,16)      17.46  ( 63, 8)
13.66  (331, 8)      13.39  (326,16)      13.18  (  8, 8)
    72(   0.10,  -0.10)      18.06  ( 19, 8)      18.00  (353,16)
15.06  (277,16)      14.93  (  8, 8)      14.05  (334, 8)
    73(   0.10,  -0.20)      26.89  ( 32,16)      20.32  (326,24)
17.81  (219, 8)      13.49  (324, 8)      12.86  (364, 8)
    74(   0.10,  -0.30)      15.99  ( 32,16)      13.94  (277, 8)
12.37  (  4,24)      12.21  (320,16)      10.37  (283,24)
    75(   0.10,  -0.40)      14.20  (277, 8)      11.15  (171, 8)
10.23  (283,24)       8.76  (324, 8)       8.61  (263,16)
    76(   0.10,  -0.50)      12.24  (277, 8)       8.69  (324, 8)
7.82  (171, 8)       7.62  (229, 8)       7.42  (115, 8)
    77(   0.20,   0.50)      17.38  (260,16)      16.48  (239, 8)
15.68  (232,16)      14.74  (239,16)      14.63  (121,16)
    78(   0.20,   0.40)      21.85  (182,16)      14.58  (134,24)
14.29  (211, 8)      13.49  (239, 8)      13.29  (213,16)
    79(   0.20,   0.30)      23.65  (120,24)      16.33  ( 63,16)
15.72  (109,16)      15.59  (268, 8)      15.18  (121, 8)
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    80(   0.20,   0.20)      21.35  (302,24)      18.90  (240, 8)
17.19  (  1, 8)      16.35  (277,24)      16.00  ( 98,24)
    81(   0.20,   0.10)      35.32  (322, 8)      21.28  (321,16)
16.65  ( 29,24)      15.48  (356, 8)      15.40  ( 40, 8)
    82(   0.20,   0.00)      21.83  ( 63, 8)      14.11  (326,16)
13.70  (330,24)      13.44  (279,16)      13.38  ( 30,16)
    83(   0.20,  -0.10)      20.06  (336,24)      16.53  (326, 8)
13.31  (  7,24)      12.72  (191, 8)      12.44  (277,16)
    84(   0.20,  -0.20)      14.99  ( 19, 8)      13.64  (353,16)
11.71  (334, 8)      11.35  ( 54,24)      11.02  ( 68, 8)
    85(   0.20,  -0.30)      12.23  ( 32,16)      11.24  ( 29, 8)
10.69  ( 19, 8)       9.33  (326,24)       8.94  (333,24)
    86(   0.20,  -0.40)      15.01  ( 32,16)      14.21  (219, 8)
10.59  (326,24)      10.08  (158, 8)       9.83  (359, 8)
    87(   0.20,  -0.50)      13.13  ( 32,16)       7.88  (350, 8)
7.35  (  4,24)       7.29  ( 73, 8)       6.96  (324, 8)
    88(   0.30,   0.50)      13.47  (121,24)      12.73  (134,24)
12.27  (135, 8)      12.27  (112,16)      11.08  ( 63,16)
    89(   0.30,   0.40)      16.40  (322,24)      15.43  ( 98,24)
14.77  (302, 8)      14.06  (240,24)      13.96  (240,16)
    90(   0.30,   0.30)      19.12  (302,24)      16.65  (240, 8)
13.70  (  1, 8)      13.28  ( 98,24)      13.08  (277,24)
    91(   0.30,   0.20)      22.54  (322, 8)      12.40  ( 43,24)
12.02  ( 40, 8)      11.48  (181, 8)      10.42  (321,16)
    92(   0.30,   0.10)      17.03  ( 39, 8)      15.95  ( 40,16)
14.17  (339,16)      10.53  (178,16)       9.89  ( 44, 8)
    93(   0.30,   0.00)      18.01  ( 63, 8)      12.22  (220, 8)
12.06  (330,24)      10.88  ( 30,16)      10.11  (326,16)
    94(   0.30,  -0.10)      21.17  (336,24)      14.50  (331, 8)
10.37  (338, 8)      10.00  (150, 8)       9.17  (  8, 8)
    95(   0.30,  -0.20)      11.30  (  1,24)       9.99  (264, 8)
9.66  (353,16)       9.63  (149,16)       8.80  ( 22,16)
    96(   0.30,  -0.30)      10.65  ( 19, 8)      10.04  ( 54,24)
9.75  (353,16)       9.65  ( 68, 8)       8.55  (264, 8)
    97(   0.30,  -0.40)       9.39  ( 29, 8)       9.21  ( 19, 8)
8.89  (244, 8)       7.91  (334, 8)       7.46  ( 32,16)
    98(   0.30,  -0.50)       7.67  (219, 8)       7.54  ( 29, 8)
7.44  (359, 8)       7.42  ( 32,16)       7.28  (326,24)
    99(   0.40,   0.50)      18.08  (322,24)      14.52  ( 98,24)
12.89  (155,24)      12.69  (302, 8)      11.02  (112,24)
   100(   0.40,   0.40)      16.82  (302,24)      13.80  (240, 8)
10.78  (326, 8)      10.73  ( 98,24)      10.64  (173, 8)
   101(   0.40,   0.30)      14.50  (323,16)      12.32  (172,24)
11.67  (160, 8)      10.85  ( 43,24)      10.81  (322, 8)
   102(   0.40,   0.20)      21.07  (322, 8)      13.69  ( 29,24)
12.14  ( 30, 8)      11.82  (356, 8)      11.31  ( 40, 8)
   103(   0.40,   0.10)      19.70  ( 39, 8)      14.10  ( 62,16)
14.05  (190,16)      13.87  ( 40,16)      11.78  ( 57,16)
   104(   0.40,   0.00)      14.30  ( 63, 8)      11.09  (330,24)
10.79  (220, 8)       8.50  ( 30,16)       8.18  ( 48, 8)
   105(   0.40,  -0.10)      17.35  (331, 8)      10.86  (336,24)
9.84  (  8, 8)       8.73  (  7,24)       8.68  ( 64, 8)
   106(   0.40,  -0.20)      11.40  (336,24)      11.08  (191, 8)
9.98  (  7,24)       8.58  (326, 8)       7.22  (149,16)
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   107(   0.40,  -0.30)       9.92  (  1,24)       7.94  ( 63, 8)
7.91  (280, 8)       7.84  (140, 8)       7.74  ( 57, 8)
   108(   0.40,  -0.40)       8.78  ( 54,24)       8.25  ( 68, 8)
7.93  ( 19, 8)       7.22  (353,16)       6.93  ( 28,24)
   109(   0.40,  -0.50)       8.82  (244, 8)       7.60  ( 19, 8)
7.30  ( 29, 8)       6.86  ( 68, 8)       6.66  (349, 8)
   110(   0.50,   0.50)      14.68  (302,24)      11.32  (240, 8)
9.33  (326, 8)       8.84  (173, 8)       8.69  ( 98,24)
   111(   0.50,   0.40)      13.55  (323,16)      11.25  (247, 8)
10.43  (159, 8)       9.71  (160, 8)       8.95  (323, 8)
   112(   0.50,   0.30)      16.87  (322, 8)      10.44  (346,16)
10.22  ( 40, 8)       9.98  (164, 8)       8.89  (322,16)
   113(   0.50,   0.20)       9.54  ( 29,24)       9.24  (226, 8)
8.67  (322, 8)       8.66  ( 30, 8)       8.62  ( 40,16)
   114(   0.50,   0.10)      15.30  ( 39, 8)      11.22  (347,24)
10.97  (190,16)      10.85  ( 57,16)      10.64  ( 97, 8)
   115(   0.50,   0.00)      11.45  ( 63, 8)      10.25  (330,24)
9.30  (220, 8)       7.61  ( 48, 8)       6.71  ( 30,16)
   116(   0.50,  -0.10)      16.86  (331, 8)       9.51  (  8, 8)
8.75  ( 99,16)       7.78  ( 20, 8)       7.47  ( 66, 8)
   117(   0.50,  -0.20)      14.45  (336,24)       7.38  (150, 8)
7.06  (  7,24)       6.61  (338, 8)       6.33  ( 49,16)
   118(   0.50,  -0.30)       7.39  (264, 8)       7.11  (312,16)
6.43  (149,16)       5.23  (191, 8)       5.18  ( 54,16)
   119(   0.50,  -0.40)       8.75  (140, 8)       6.29  ( 79, 8)
6.04  ( 63, 8)       6.02  (  1,24)       5.96  ( 57, 8)
   120(   0.50,  -0.40)       8.75  (140, 8)       6.29  ( 79, 8)
6.04  ( 63, 8)       6.02  (  1,24)       5.96  ( 57, 8)
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FIVE HIGHEST 24-HOUR CONCENTRATIONS((ENDING ON JULIAN DAY, HOUR)

(MICROGRAMS/M**3)

```
  RECEPTOR                          1                    2
3                    4                    5

     1(  -0.50,   0.50)       7.30  (327,24)       5.68  (224,24)
4.94  (250,24)       3.04  ( 45,24)       2.78  (258,24)
     2(  -0.50,   0.40)       3.04  (327,24)       2.24  ( 68,24)
1.85  (275,24)       1.55  (274,24)       1.54  ( 77,24)
     3(  -0.50,   0.30)       3.16  (328,24)       2.43  (325,24)
2.26  (237,24)       2.05  (275,24)       1.94  (343,24)
     4(  -0.50,   0.20)       5.15  (325,24)       2.77  (343,24)
2.76  ( 77,24)       2.33  (147,24)       2.31  (352,24)
     5(  -0.50,   0.10)       9.32  (328,24)       7.79  (332,24)
6.74  (325,24)       6.39  (146,24)       5.61  (249,24)
     6(  -0.50,   0.00)       9.75  (146,24)       7.26  (325,24)
7.06  (257,24)       7.04  (249,24)       6.63  (208,24)
     7(  -0.50,  -0.10)       9.12  (156,24)       8.29  ( 89,24)
5.33  (248,24)       4.10  (324,24)       4.06  (146,24)
     8(  -0.50,  -0.20)       8.05  (266,24)       5.93  (256,24)
5.51  (248,24)       5.09  (234,24)       4.78  ( 89,24)
     9(  -0.50,  -0.30)       8.73  ( 31,24)       5.71  ( 32,24)
5.30  (136,24)       4.80  (267,24)       4.26  (207,24)
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    10(  -0.50,  -0.40)       4.40  (113,24)       4.38  ( 32,24)
4.01  (  5,24)       3.94  (133,24)       3.74  ( 31,24)
    11(  -0.50,  -0.50)       4.66  (102,24)       4.21  (293,24)
3.70  (340,24)       3.57  (  4,24)       3.53  (207,24)
    12(  -0.40,   0.50)       5.51  ( 45,24)       3.74  (327,24)
3.64  ( 66,24)       3.42  (365,24)       3.34  (224,24)
    13(  -0.40,   0.40)       9.06  (327,24)       6.95  (224,24)
5.72  (250,24)       3.62  ( 45,24)       3.19  (275,24)
    14(  -0.40,   0.30)       3.00  (327,24)       2.66  ( 68,24)
2.61  (275,24)       1.97  (274,24)       1.96  ( 77,24)
    15(  -0.40,   0.20)       5.48  (325,24)       3.87  (343,24)
3.31  (237,24)       3.02  ( 77,24)       2.87  (147,24)
    16(  -0.40,   0.10)       7.26  (332,24)       6.24  (325,24)
5.80  (328,24)       4.48  (146,24)       4.31  (258,24)
    17(  -0.40,   0.00)      10.91  (146,24)       8.91  (325,24)
8.21  (249,24)       8.03  (257,24)       7.60  (208,24)
    18(  -0.40,  -0.10)       9.88  ( 89,24)       8.28  (248,24)
5.98  (156,24)       5.47  (139,24)       4.71  (146,24)
    19(  -0.40,  -0.20)       6.66  ( 31,24)       6.61  ( 89,24)
6.51  (257,24)       5.60  (236,24)       4.29  ( 32,24)
    20(  -0.40,  -0.30)       6.50  ( 32,24)       6.46  ( 31,24)
5.66  (113,24)       4.96  (133,24)       4.42  (  5,24)
    21(  -0.40,  -0.40)       5.86  (102,24)       4.79  (293,24)
4.68  (340,24)       4.46  (207,24)       4.42  (  4,24)
    22(  -0.40,  -0.50)       5.67  (  4,24)       5.42  (320,24)
4.38  (207,24)       3.72  (217,24)       3.57  ( 11,24)
    23(  -0.30,   0.50)       7.16  (303,24)       5.81  (334,24)
4.55  (275,24)       4.38  (365,24)       4.34  (189,24)
    24(  -0.30,   0.40)       5.24  (365,24)       4.55  ( 45,24)
3.90  (334,24)       3.69  (335,24)       3.58  (275,24)
    25(  -0.30,   0.30)      11.28  (327,24)       8.38  (224,24)
6.49  (250,24)       4.34  ( 45,24)       3.80  (275,24)
    26(  -0.30,   0.20)       3.83  (275,24)       2.82  (328,24)
2.68  (325,24)       2.63  ( 68,24)       2.49  (327,24)
    27(  -0.30,   0.10)       6.35  (325,24)       5.35  (343,24)
4.08  (352,24)       3.63  ( 64,24)       3.59  (147,24)
    28(  -0.30,   0.00)      11.91  (146,24)      10.94  (325,24)
9.36  (249,24)       8.96  (257,24)       8.66  (324,24)
    29(  -0.30,  -0.10)       9.91  (248,24)       7.92  (266,24)
6.92  ( 89,24)       5.46  (344,24)       5.04  (157,24)
    30(  -0.30,  -0.20)      10.63  ( 31,24)       9.56  ( 32,24)
6.84  (207,24)       5.99  (113,24)       4.94  (133,24)
    31(  -0.30,  -0.30)       7.44  (102,24)       6.23  (320,24)
6.01  (340,24)       5.64  (207,24)       5.60  (293,24)
    32(  -0.30,  -0.40)       8.19  (320,24)       5.38  ( 34,24)
5.23  (  4,24)       5.07  ( 11,24)       4.82  (  9,24)
    33(  -0.30,  -0.50)       6.80  (320,24)       6.12  ( 34,24)
5.43  (297,24)       5.40  ( 77,24)       4.72  (321,24)
    34(  -0.20,   0.50)       8.65  (356,24)       5.43  (270,24)
5.17  (357,24)       4.49  (103,24)       4.19  ( 47,24)
    35(  -0.20,   0.40)       8.14  (334,24)       7.85  (303,24)
7.25  (251,24)       4.73  (327,24)       4.28  (224,24)
    36(  -0.20,   0.30)       7.12  (365,24)       6.00  (303,24)
5.89  (334,24)       5.73  (189,24)       5.25  (275,24)
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    37(  -0.20,   0.20)      13.59  (327,24)       9.47  (224,24)
7.07  (250,24)       5.20  ( 45,24)       4.50  (275,24)
    38(  -0.20,   0.10)       8.10  (325,24)       6.65  (343,24)
4.54  ( 77,24)       4.32  (147,24)       4.15  (352,24)
    39(  -0.20,   0.00)      12.90  (325,24)      12.72  (146,24)
10.20  (249,24)       9.86  (257,24)       9.62  (324,24)
    40(  -0.20,  -0.10)       9.05  (257,24)       8.62  ( 31,24)
8.27  ( 89,24)       7.06  (236,24)       6.53  ( 32,24)
    41(  -0.20,  -0.20)       9.18  (102,24)       9.14  (320,24)
7.60  (340,24)       7.05  (  4,24)       6.94  (207,24)
    42(  -0.20,  -0.30)      12.45  (320,24)       8.18  ( 34,24)
7.59  (321,24)       7.28  ( 77,24)       7.06  (276,24)
    43(  -0.20,  -0.40)       8.15  (206,24)       6.70  (321,24)
5.74  ( 77,24)       5.35  (320,24)       4.85  ( 35,24)
    44(  -0.20,  -0.50)       5.79  (206,24)       5.59  (298,24)
5.28  ( 33,24)       5.13  (218,24)       4.96  ( 37,24)
    45(  -0.10,   0.50)       9.38  (281,24)       8.60  ( 85,24)
8.06  (282,24)       7.97  ( 84,24)       7.20  (204,24)
    46(  -0.10,   0.40)       9.27  (282,24)       8.89  (356,24)
8.48  ( 85,24)       7.81  ( 84,24)       7.58  (281,24)
    47(  -0.10,   0.30) *     16.56  (356,24)       8.79  (186,24)
8.72  (270,24)       7.30  (357,24)       7.24  (282,24)
    48(  -0.10,   0.20)      10.21  (334,24)      10.16  (303,24)
8.28  (251,24)       7.61  (352,24)       6.13  (331,24)
    49(  -0.10,   0.10)      15.56  (327,24)       9.35  (224,24)
7.90  (250,24)       6.43  ( 45,24)       5.63  (275,24)
    50(  -0.10,   0.00)      10.39  (146,24)      10.01  (325,24)
8.65  (257,24)       8.23  (324,24)       8.13  (249,24)
    51(  -0.10,  -0.10)      11.44  (320,24)      10.29  (102,24)
8.91  (  4,24)       8.68  (340,24)       8.61  (293,24)
    52(  -0.10,  -0.20)      12.24  (321,24)      11.37  (206,24)
9.57  (320,24)       7.97  ( 77,24)       7.03  (276,24)
    53(  -0.10,  -0.30)       8.88  (218,24)       8.58  (254,24)
7.87  ( 32,24)       7.05  (301,24)       6.81  (206,24)
    54(  -0.10,  -0.40)       8.09  (254,24)       7.70  (218,24)
7.47  (301,24)       5.86  (162,24)       5.76  ( 32,24)
    55(  -0.10,  -0.50)       7.32  ( 93,24)       7.18  (218,24)
7.11  (301,24)       6.48  (299,24)       6.48  (105,24)
    56(   0.00,   0.50)       8.15  (281,24)       7.38  (203,24)
6.37  (223,24)       5.88  (230,24)       5.73  (280,24)
    57(   0.00,   0.40)       9.23  (281,24)       7.93  (203,24)
7.49  (223,24)       6.75  (230,24)       6.45  (280,24)
    58(   0.00,   0.30)      10.23  (281,24)       8.57  (223,24)
8.45  (203,24)       7.57  (230,24)       7.22  (153,24)
    59(   0.00,   0.20)      11.20  (281,24)       9.27  (203,24)
9.18  (223,24)       8.39  (153,24)       8.15  (230,24)
    60(   0.00,   0.10)       9.93  (281,24)       8.19  (203,24)
7.11  (153,24)       6.87  (223,24)       6.61  (189,24)
    61(   0.00,  -0.10)      16.05  (277,24) *    13.18  (279,24)
10.08  (327,24)       7.52  (321,24)       7.25  (145,24)
    62(   0.00,  -0.20)      13.12  (279,24)      12.82  (277,24)
9.10  (145,24)       9.00  (327,24)       7.63  ( 38,24)
    63(   0.00,  -0.30)       9.93  (279,24)       8.42  (145,24)
7.95  (277,24)       6.85  ( 38,24)       5.79  (327,24)
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    64(   0.00,  -0.40)       7.57  (279,24)       7.49  (145,24)
6.13  ( 38,24)       5.26  (277,24)       4.52  ( 15,24)
    65(   0.00,  -0.50)       6.52  (145,24)       5.90  (279,24)
5.39  ( 38,24)       3.91  ( 15,24)       3.72  (277,24)
    66(   0.10,   0.50)       6.02  (282,24)       5.83  (164,24)
5.63  (231,24)       5.51  (203,24)       5.29  (233,24)
    67(   0.10,   0.40)       7.00  (265,24)       6.52  (231,24)
6.44  (125,24)       6.25  (211,24)       6.13  (123,24)
    68(   0.10,   0.30)      11.53  (211,24)      10.34  (222,24)
7.39  (232,24)       7.27  (231,24)       6.90  (164,24)
    69(   0.10,   0.20)      11.91  (182,24)      11.40  (213,24)
11.23  (239,24)       9.90  ( 39,24)       9.20  (211,24)
    70(   0.10,   0.10)      15.42  (302,24)      11.12  (321,24)
9.56  (310,24)       9.10  (181,24)       8.75  (  3,24)
    71(   0.10,   0.00)       7.03  ( 63,24)       6.16  (279,24)
5.55  (330,24)       5.11  (326,24)       4.55  (331,24)
    72(   0.10,  -0.10)       7.03  ( 54,24)       6.93  ( 18,24)
6.65  ( 28,24)       6.51  ( 22,24)       6.16  ( 19,24)
    73(   0.10,  -0.20)       8.96  ( 32,24)       6.77  (326,24)
6.26  (364,24)       6.19  (321,24)       5.94  (219,24)
    74(   0.10,  -0.30)       5.45  (320,24)       5.33  ( 32,24)
4.66  (277,24)       4.37  (283,24)       4.26  ( 98,24)
    75(   0.10,  -0.40)       5.11  (171,24)       5.03  (283,24)
4.74  (277,24)       3.14  (158,24)       2.92  (324,24)
    76(   0.10,  -0.50)       4.08  (277,24)       3.81  (171,24)
3.45  (283,24)       2.90  (324,24)       2.80  ( 15,24)
    77(   0.20,   0.50)      10.50  (239,24)      10.27  (232,24)
8.27  (211,24)       6.79  (260,24)       6.58  (213,24)
    78(   0.20,   0.40)      10.26  (182,24)       9.92  (213,24)
9.20  (239,24)       7.61  (211,24)       7.46  (215,24)
    79(   0.20,   0.30)      14.06  (120,24)       9.81  (315,24)
9.69  (268,24)       8.99  (121,24)       8.22  (302,24)
    80(   0.20,   0.20)      13.02  (302,24)       9.00  (310,24)
8.31  (181,24)       8.09  (  3,24)       7.85  (  1,24)
    81(   0.20,   0.10)      15.34  (322,24)      11.09  (321,24)
8.97  ( 40,24)       7.53  ( 29,24)       7.51  ( 43,24)
    82(   0.20,   0.00)       8.61  ( 63,24)       6.07  (330,24)
5.40  (326,24)       4.85  ( 62,24)       4.66  ( 97,24)
    83(   0.20,  -0.10)       7.48  (326,24)       6.69  (336,24)
5.09  (286,24)       4.87  (312,24)       4.85  (149,24)
    84(   0.20,  -0.20)       5.65  ( 54,24)       5.06  ( 18,24)
5.05  ( 19,24)       4.93  ( 22,24)       4.84  ( 28,24)
    85(   0.20,  -0.30)       4.33  ( 21,24)       4.08  ( 32,24)
3.93  (364,24)       3.75  ( 29,24)       3.56  ( 19,24)
    86(   0.20,  -0.40)       5.00  ( 32,24)       4.74  (219,24)
4.12  (364,24)       3.69  (359,24)       3.53  (326,24)
    87(   0.20,  -0.50)       4.38  ( 32,24)       2.76  ( 98,24)
2.69  (320,24)       2.63  (359,24)       2.63  (350,24)
    88(   0.30,   0.50)       8.19  (121,24)       8.11  (120,24)
7.46  (135,24)       6.22  (112,24)       5.79  (265,24)
    89(   0.30,   0.40)       9.60  (302,24)       9.41  (240,24)
8.01  (322,24)       7.31  (268,24)       6.80  (120,24)
    90(   0.30,   0.30)      11.08  (302,24)       7.25  (181,24)
6.94  (310,24)       6.69  (  3,24)       6.42  (240,24)
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    91(   0.30,   0.20)      10.35  (322,24)       6.22  (323,24)
5.59  (321,24)       4.84  ( 43,24)       4.81  ( 40,24)
    92(   0.30,   0.10)       7.78  ( 40,24)       7.05  (339,24)
6.27  (321,24)       5.71  (342,24)       5.68  ( 39,24)
    93(   0.30,   0.00)       7.17  ( 63,24)       5.27  (330,24)
4.32  ( 62,24)       4.13  ( 97,24)       4.07  (220,24)
    94(   0.30,  -0.10)       7.18  (336,24)       4.83  (331,24)
4.34  ( 20,24)       4.15  (338,24)       4.11  (286,24)
    95(   0.30,  -0.20)       5.13  (149,24)       4.08  ( 22,24)
3.92  (312,24)       3.77  (  1,24)       3.38  (280,24)
    96(   0.30,  -0.30)       5.01  ( 54,24)       4.40  ( 18,24)
4.19  (319,24)       4.17  ( 28,24)       3.57  ( 19,24)
    97(   0.30,  -0.40)       3.60  ( 21,24)       3.13  ( 29,24)
3.11  (313,24)       3.07  ( 19,24)       3.04  ( 22,24)
    98(   0.30,  -0.50)       3.58  ( 21,24)       2.84  (364,24)
2.69  (307,24)       2.56  (219,24)       2.55  (313,24)
    99(   0.40,   0.50)       9.33  (302,24)       8.81  (322,24)
5.97  (240,24)       5.59  (181,24)       5.04  ( 98,24)
   100(   0.40,   0.40)       9.30  (302,24)       6.05  (181,24)
5.59  (326,24)       5.35  (  3,24)       5.35  (160,24)
   101(   0.40,   0.30)       8.32  (323,24)       6.02  (322,24)
4.97  (159,24)       4.90  (160,24)       4.35  (172,24)
   102(   0.40,   0.20)      10.23  (322,24)       6.85  ( 40,24)
5.92  ( 43,24)       5.57  ( 29,24)       5.25  (235,24)
   103(   0.40,   0.10)       6.57  ( 39,24)       6.46  ( 62,24)
6.46  ( 40,24)       5.87  (342,24)       5.62  ( 57,24)
   104(   0.40,   0.00)       5.83  ( 63,24)       4.81  (330,24)
3.60  ( 62,24)       3.60  (220,24)       3.59  ( 48,24)
   105(   0.40,  -0.10)       5.78  (331,24)       4.49  (  7,24)
4.17  (336,24)       4.03  ( 20,24)       3.69  ( 48,24)
   106(   0.40,  -0.20)       4.55  (326,24)       3.84  (149,24)
3.80  (336,24)       3.73  (312,24)       3.69  (191,24)
   107(   0.40,  -0.30)       3.36  ( 50,24)       3.34  (280,24)
3.31  (  1,24)       3.28  (149,24)       3.13  (285,24)
   108(   0.40,  -0.40)       4.40  ( 54,24)       3.98  ( 18,24)
3.75  ( 28,24)       3.70  (319,24)       3.09  (244,24)
   109(   0.40,  -0.50)       3.34  ( 28,24)       3.13  ( 21,24)
2.98  (244,24)       2.76  (313,24)       2.74  ( 22,24)
   110(   0.50,   0.50)       7.82  (302,24)       4.98  (181,24)
4.76  (326,24)       4.41  (201,24)       4.39  (160,24)
   111(   0.50,   0.40)       7.50  (323,24)       5.24  (159,24)
4.17  (322,24)       3.96  (221,24)       3.75  (326,24)
   112(   0.50,   0.30)       8.59  (322,24)       4.65  ( 40,24)
3.78  ( 43,24)       3.64  (346,24)       3.61  ( 80,24)
   113(   0.50,   0.20)       5.17  (322,24)       4.81  ( 40,24)
4.65  (226,24)       4.06  ( 29,24)       3.86  (339,24)
   114(   0.50,   0.10)       5.83  ( 62,24)       5.24  ( 57,24)
5.10  ( 39,24)       4.57  ( 40,24)       4.24  (347,24)
   115(   0.50,   0.00)       4.79  ( 63,24)       4.44  (330,24)
3.32  ( 48,24)       3.10  (220,24)       2.95  ( 62,24)
   116(   0.50,  -0.10)       5.62  (331,24)       3.84  (  7,24)
3.49  (348,24)       3.37  ( 20,24)       3.35  ( 48,24)
   117(   0.50,  -0.20)       4.82  (336,24)       4.51  ( 49,24)
3.14  ( 20,24)       3.13  (286,24)       3.11  (326,24)
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   118(   0.50,  -0.30)       4.15  (149,24)       3.82  (312,24)
3.03  ( 54,24)       2.68  (326,24)       2.46  (264,24)
   119(   0.50,  -0.40)       3.10  ( 50,24)       3.07  (285,24)
2.92  (140,24)       2.65  (219,24)       2.58  (280,24)
   120(   0.50,  -0.40)       3.10  ( 50,24)       3.07  (285,24)
2.92  (140,24)       2.65  (219,24)       2.58  (280,24)

 *** Run Successfully Completed ***
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