



# **Ozone Season Summary**

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TAC Conference Call, COG

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# Ozone Season Summary

## Peak 8-Hour Ozone Concentrations (ppb)

### MAY

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
				1	2	3
				59	72	57
4	5	6	7	8	9	10
58	61	74	75	57	38	48
11	12	13	14	15	16	17
48	45	53	57	59	49	58
18	19	20	21	22	23	24
51	44	41	51	47	41	49
25	26	27	28	29	30	31
56	66	51	50	68	74	44

### JUNE

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
1	2	3	4	5	6	7
57	60	67	50	82	71	81
8	9	10	11	12	13	14
54						
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Date	# of Monitors Exceeding	Highest Monitor	Highest Concentration (ppb)
6/5/08	1	Annandale	82
6/7/08	1	Prince George's EC	81

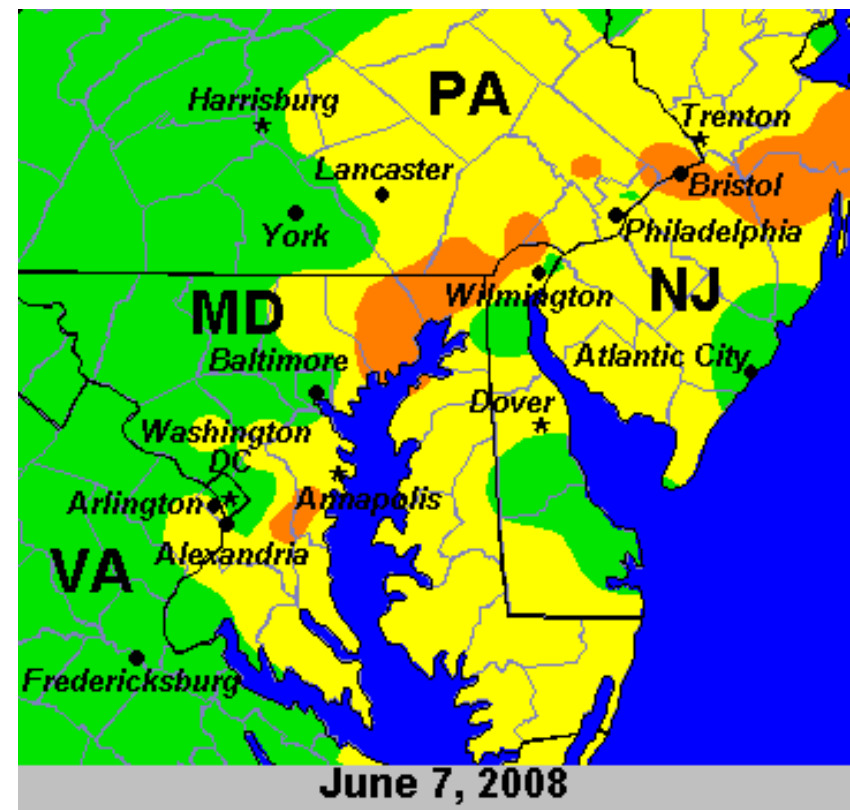
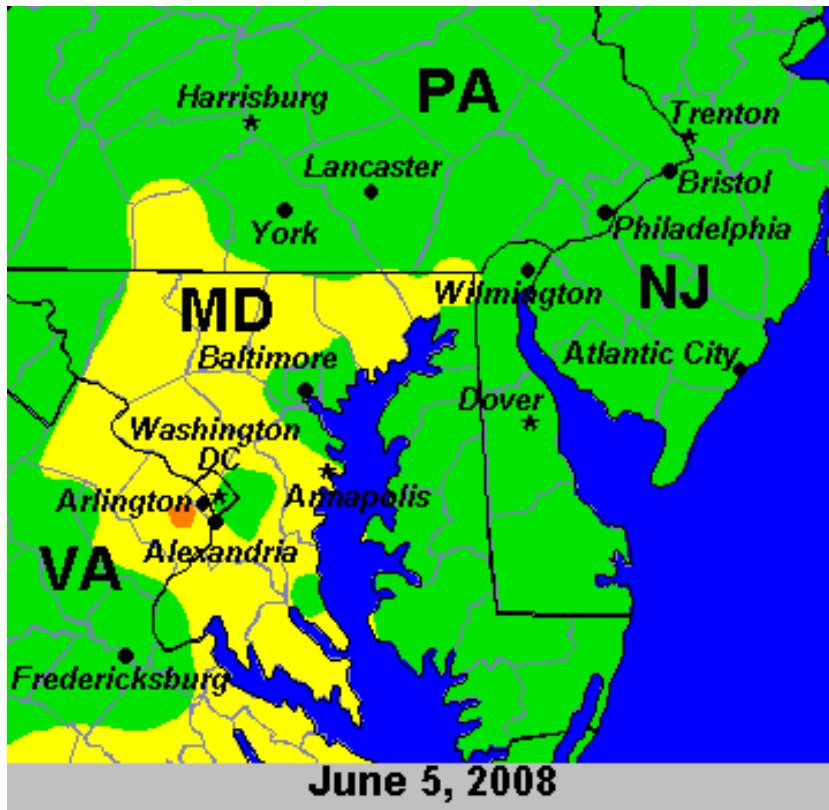


# Regional Ozone Levels

## Code Orange Days: June 5/7, 2008

### Peak Air Quality Index

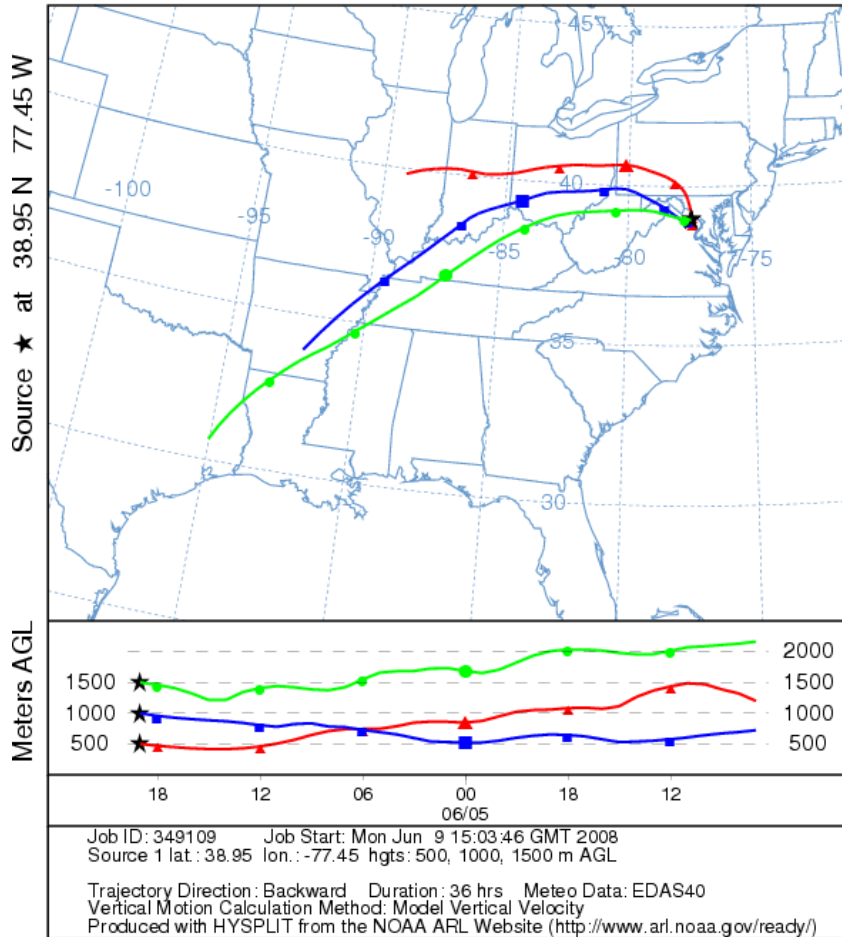
(Based on 8-hour ozone standard)



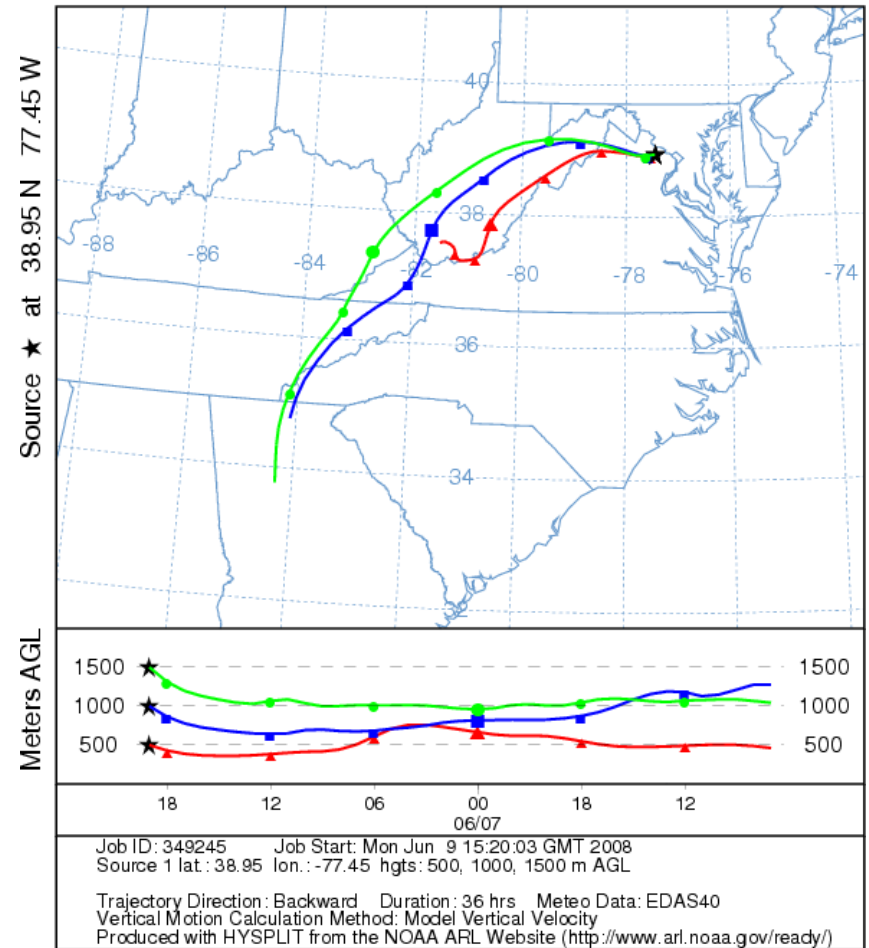


# Wind Trajectories (Code Orange Days)

NOAA HYSPLIT MODEL  
Backward trajectories ending at 19 UTC 05 Jun 08  
EDAS Meteorological Data



NOAA HYSPLIT MODEL  
Backward trajectories ending at 19 UTC 07 Jun 08  
EDAS Meteorological Data





# Daily Peak Fine Particle Concentrations

## 24-Hour PM2.5 Concentrations (ug/m3)

### MAY

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
				1	2	3
				15.4	18.3	21.4
4	5	6	7	8	9	10
13.7	11.4	16.0	19.0	19.2	7.8	5.2
11	12	13	14	15	16	17
7.6	3.9	4.2	8.2	15.8	11.0	8.4
18	19	20	21	22	23	24
10.5	8.2	7.7	8.7	8.0	5.2	5.7
25	26	27	28	29	30	31
7.8	16.0	19.4	6.8	9.6	17.8	18.4

### JUNE

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
1	2	3	4	5	6	7
10.6	9.0	16.3	12.9	15.2	34.3	34.2
8	9	10	11	12	13	14
20.6						
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					