Ozone Season Summary

May - July

MWAQC Meeting

July 26, 2006

Ozone Season Summary: May - June

Daily Peak 8-Hour Ozone Concentration (ppb)

Washington Area-2006

MAY

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
	1	2	3	4	5	6
	61	73	59	71	69	64
7	8	9	10	11	12	13
52	34	54	72	45	50	56
14	15	16	17	18	19	20
46	46	42	53	55	43	57
21	22	23	24	25	26	27
56	47	36	60	67	56	56
28	29	30	31			
76	88	102	102			

JUNE

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
				1	2	3
				98	72	42
4	5	6	7	8	9	10
55	46	70	72	76	63	55
11	12	13	14	15	16	17
56	49	60	51	55	81	91
18	19	20	21	22	23	24
90	77	73	91	83	72	62
25	26	27	28	29	30	
38	23	24	79	76	68	

Date	# of Monitors Exceeding	Highest Monitor	Highest Concentration (ppb)
5/29/06	3	McMillan	88
5/30/06	12	McMillan	102
5/31/06	10	Rockville & Ashburn	102
6/1/06	5	HU-Beltsville	98
6/17/06	2	Rockville	91
6/18/06	2	HU-Beltsville	90
6/21/06	1	Prince George's EC	91

Ozone Season Summary: July

JULY

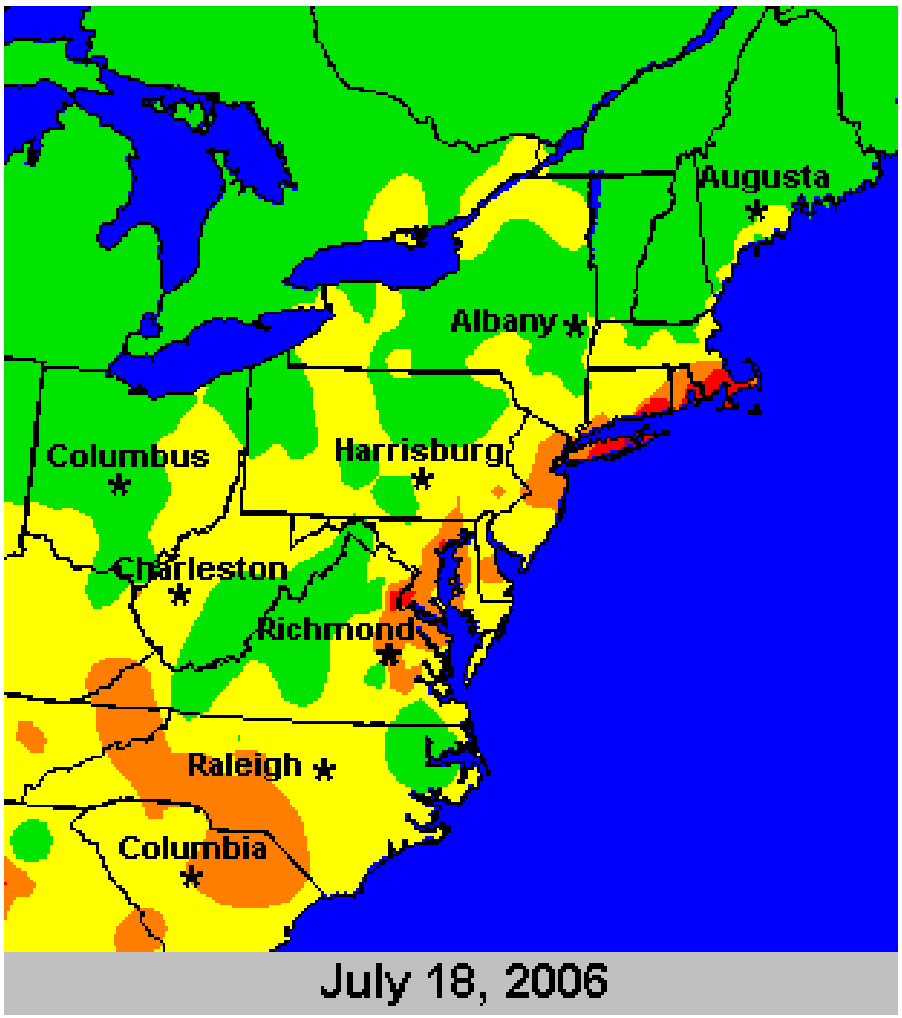
Sun	Mon	Tues	Wed	Thurs	Fri	Sat
						1 72
2 69	3 80	4 84	5 50	6 47	7 47	8 64
9 60	10 71	11 86	12 71	13 44	14 71	15 54
16 58	17 116	18 125	19 100	20 81	21 84	22 56
23 51	24	25	26	27	28	29
30	31					

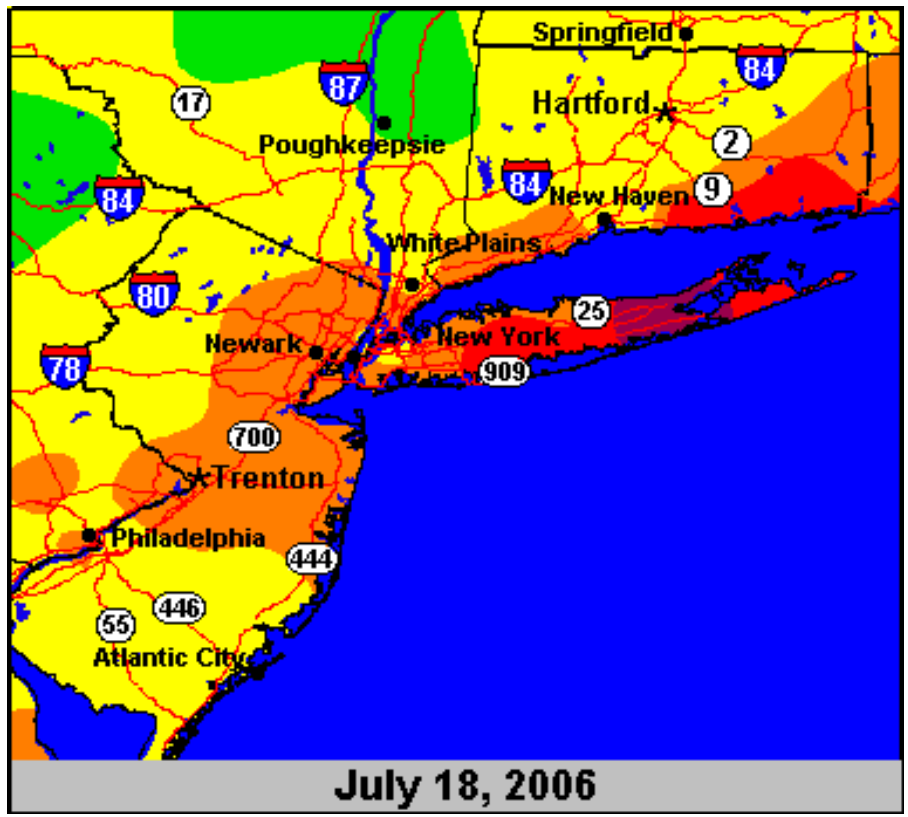
Date	# of Monitors Exceeding	Highest Monitor	Highest Concentration (ppb)
7/11/06	1	HU-Beltsville	86
7/17/06	10	Mt. Vernon	116
7/18/06	8	Mt. Vernon	125
7/19/06	6	Lewinsville	100

Ozone Episode: July 17 - 19, 2006

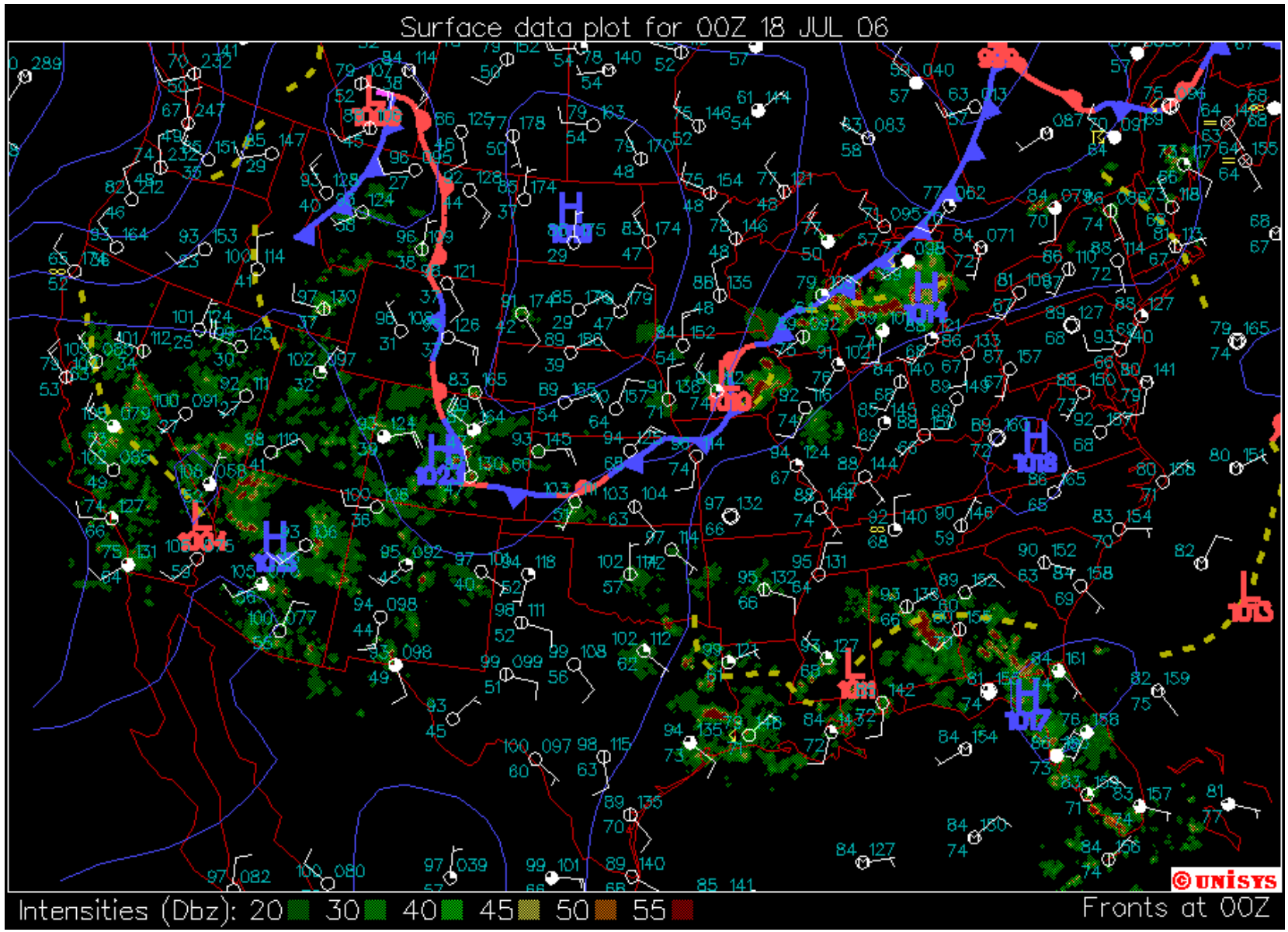
Peak Air Quality Index

(Based on 8-hour ozone standard)

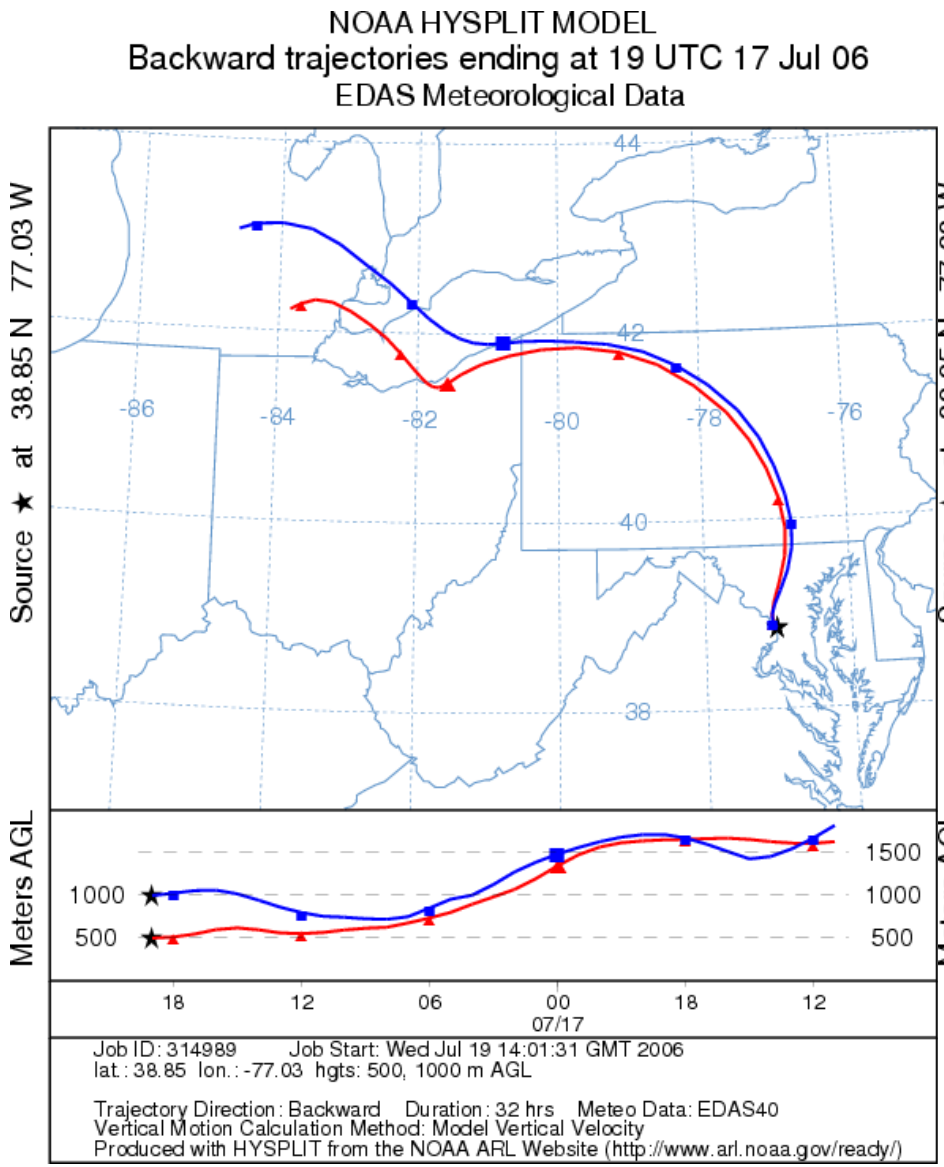


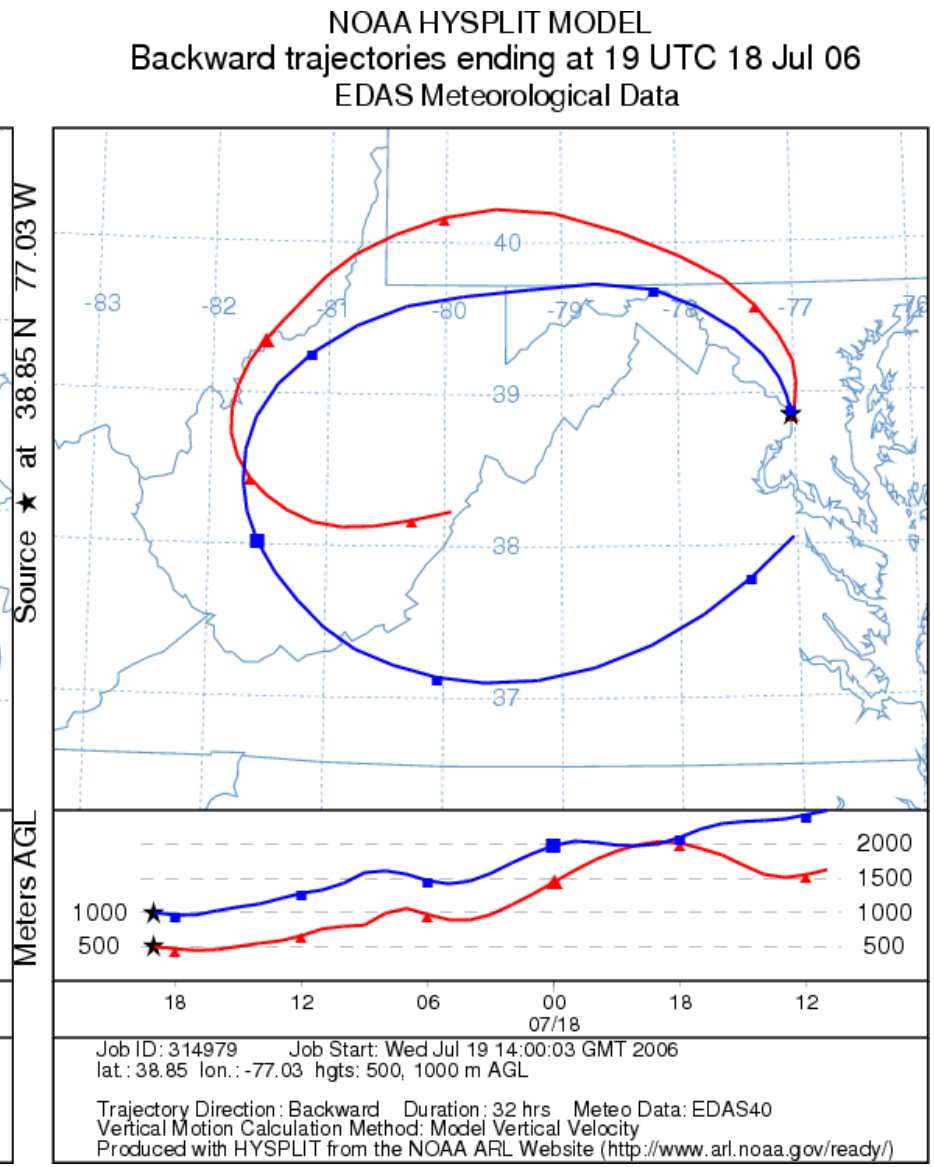


What Happened – The Meteorology



Back Trajectories





Daily Peak Fine Particle Concentrations

Daily Peak 24-Hour Particle Concentration (ug/m3)

Washington Area-2006

MAY

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
	1	2	3	4	5	6
	5	8	15	16	18	13
7	8	9	10	11	12	13
7	6	8	10	15	8	10
14	15	16	17	18	19	20
13	5	10	11	13	7	11
21	22	23	24	25	26	27
10	9	10	12	25	26	13
28	29	30	31			
19	24	36	35			

JUNE

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
				1	2	3
				29	26	7
4	5	6	7	8	9	10
10	7	14	14	19	16	8
11	12	13	14	15	16	17
6	11	11	26	9	12	23
18	19	20	21	22	23	24
34	28	17	24	22	17	16
25	26	27	28	29	30	
7	7	7	15	20	20	

JULY

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
						1
						27
2	3	4	5	6	7	8
30	29	43	23	14	13	17
9	10	11	12	13	14	15
20	36	49	34	15	28	26
16	17	18	19	20	21	22
13	26	32	26	30	28	17
23	24	25	26	27	28	29
9						
30	31					