



Ozone Season Summary

MWAQC Meeting

MWCOG

July 25, 2007



Ozone Season Summary

May 2007

Peak Ozone Concentrations

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
		1	2	3	4	5
		68	66	46	56	57
6	7	8	9	10	11	12
53	51	62	51	48	72	75
13	14	15	16	17	18	19
54	59	73	63	49	35	59
20	21	22	23	24	25	26
66	54	78	71	72	80	91
27	28	29	30	31		
73	70	82	89	86		

Date	# of Monitors Exceeding	Highest Monitor	Highest Concentration (ppb)
5/26/07	1	Prince George's EC	91
5/30/07	5	Frederick Co	89
5/31/07	2	Ashburn	86



Ozone Season Summary

June 2007

Peak Ozone Concentrations

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
					1 80	2 75
3 34	4 51	5 53	6 50	7 83	8 81	9 68
10 60	11 71	12 56	13 54	14 37	15 48	16 57
17 69	18 100	19 88	20 59	21 75	22 52	23 57
24 72	25 74	26 83	27 81	28 67	29 43	30 69

Date	# of Monitors Exceeding	Highest Monitor	Highest Concentration (ppb)
6/18/07	11	Southern Maryland	100
6/19/07	3	Aurora Hills	88



Ozone Season Summary

July 2007

Peak Ozone Concentrations

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
1	2	3	4	5	6	7
50	54	62	60	50	66	78
8	9	10	11	12	13	14
71	89	70	57	59	63	65
15	16	17	18	19	20	21
63	80	95				
22	23	24	25	26	27	28
29	30	31				

Date	# of Monitors Exceeding	Highest Monitor	Highest Concentration (ppb)
7/9/07	6	Mt. Vernon	89
7/17/07	10	Aurora Hills Annandale Mt. Vernon	95



Daily Peak Fine Particle Concentrations

24-Hour PM2.5 Concentrations

MAY

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

JUNE

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
					1	2
					25	22
3	4	5	6	7	8	9
3	8	8	10	19	23	8
10	11	12	13	14	15	16
13	19	13	9	7	9	14
17	18	19	20	21	22	23
21	38	44	12	10	8	8
24	25	26	27	28	29	30
17	22	32	29	22	15	24

JULY

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
1	2	3	4	5	6	7
7	6	12	22	21	17	25
8	9	10	11	12	13	14
26	33	30	14	8	12	15
15	16	17	18	19	20	21
17	20	21				
22	23	24	25	26	27	28
29	30	31				

Maximum 24-Hour PM2.5 concentration occurred on June 19.

Concentrations reached 44 ug/m³



Web Site Enhancements: Tools to Communicate Air Quality



MWCOG Web Site

MWCOG.org - Air Quality Forecast - Microsoft Internet Explorer

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Metropolitan Washington Council of Governments

A Legacy of Regional Cooperation, A Commitment to a Vibrant Future

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Information & Publications
Events Calendar
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Environment

[Home](#) > [Environment](#) > [Air Quality](#) > [Air Quality Data](#)

Metropolitan Washington Air Quality Data

Year: 2007 Location: All Sites
Month: July Pollutant: Maximum AQI

[< Previous Month](#) [Next Month >](#)

July 2007

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

[AQI Legend](#) [Site Location Map](#)

Note: Data are preliminary and subject to validation

- Overview
- Air Quality Forecast
- Air Quality Data
- Metropolitan Washington Air Quality Committee (MWAQC)
- Air Quality Public Advisory Committee (AQPAC)
- Clean Air Partners
- Indoor Air Quality
- Health
- Links
- Publications
- Committees
- Meetings and Events
- Staff

Internet


www.mwco.org/environment/air



Clean Air Partners Web Site

Clean Air Partners - Microsoft Internet Explorer

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News

Clean Air Partners is a volunteer, nonprofit, public-private consortium. **CELEBRATING 10 YEARS**

It is the air quality, public education campaign that serves the Baltimore and Washington Metropolitan regions.

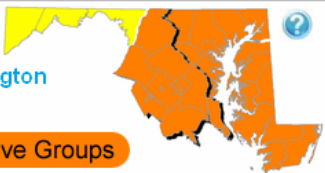
The Partnership seeks to improve health and the quality of life in the region by educating the public to take voluntary action to reduce air pollution and to protect health.

Air Quality Forecast

TODAY

Metropolitan Washington
Tuesday, July 10

Unhealthy for Sensitive Groups



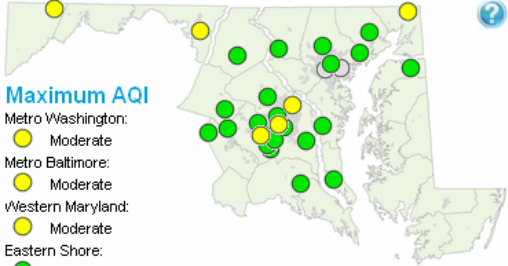
EXTENDED

[Save as Default](#)

Wed 7/11 Thu 7/12 Fri 7/13

Forecast source: Metropolitan Washington Council of Governments

Current Air Quality



Maximum AQI

- Metro Washington:
 - Moderate
- Metro Baltimore:
 - Moderate
- Western Maryland:
 - Moderate
- Eastern Shore:
 - Good

Upcoming Events

Jul 12, 2007 - [Clean Air Partners Exec. Comm. Meeting](#)

Sep 13, 2007 - [Clean Air Partners Board Meeting](#)

Today's Tip!
If the atmosphere is polluted by ground level ozone, lung function can be reduced by as much as 20 percent.

Quick Links

Internet

www.cleanairpartners.net