

Hamilton County Department of Environmental Services
Ozone and Particulate Matter (PM2.5) Site Readings
October 2007
Data Not Quality Assured

Date	Ozone Readings (PPB)							PM2.5 Readings (ug/m3)				
	High 1-Hour Reading/High 8-Hour Reading							24-Hour Average				
	Sycamore	Colerain	Batavia	Lebanon	Middletown	Hamilton	Taft	PM2.5T	PM2.5M	PM2.5L	PM2.5B	PM2.5S
10/1/2007	62/55	64/59	42/39	60/53	69/57	62/58	61/50	17.2	13.9	13.2	10.6	17.7
10/2/2007	68/60	66/57	51/45	72/63	73/59	67/57	60/54	23.3	15.9	16.9	13.4	23.1
10/3/2007	60/54	61/50	63/55	64/56	61/52	63/53	53/48	23.6	16.3	16.8	13.5	23.4
10/4/2007	60/54	62/48	60/54	64/60	65/56	64/48	56/42	23.1	12.1	17.1	16.8	
10/5/2007	40/34	41/32	43/33	48/39	47/37	45/35	33/26	17.0	11.6	11.4	8.4	13.7
10/6/2007	58/50	40/30	53/45	59/47	56/46	47/39	46/39	19.4	9.1	9.4	9.3	20.8
10/7/2007	65/60	76/62	58/54	60/52	64/58	61/56	65/56	32.3	15.1	14.6	14.6	29.5
10/8/2007	86/72	75/57	62/59	92/80	90/75	74/64	77/62	36.0	21.3	22.4	16.5	30.8
10/9/2007												
10/10/2007												
10/11/2007												
10/12/2007												
10/13/2007												
10/14/2007												
10/15/2007												
10/16/2007												
10/17/2007												
10/18/2007												
10/19/2007												
10/20/2007												
10/21/2007												
10/22/2007												
10/23/2007												
10/24/2007												
10/25/2007												
10/26/2007												
10/27/2007												
10/28/2007												
10/29/2007												
10/30/2007												
10/31/2007												

1-hour ozone values in bold indicate an exceedance of the previous standard of 120 PPB

8-hour ozone values in bold indicate an exceedance of the current standard of 85 PPB

PM2.5 values in bold indicate readings over 40 ug/m3, which equates to Unhealthy for Sensitive Groups on the AQI

Dates underlined indicate "Smog Alert" issued

Blank box indicates no data available on that date

PM2.5T = Taft Site

PM2.5M = Middletown Site

PM2.5B = Batavia Site

PM2.5L = Lebanon Site

PM2.5S = Sycamore Site