

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

Date	Ozone Readings (PPB) High 1-Hour Reading/High 8-Hour Reading							PM2.5 Readings (ug/m3) 24-Hour Average				
	Sycamore	Colerain	Batavia	Lebanon	Middletown	Hamilton	Taft	PM2.5T	PM2.5M	PM2.5L	PM2.5B	PM2.5S
6/1/2007	88/81	85/74	74/67	93/83	81/77	78/75	76/71	37.2	34.6	29.3	34	36
6/2/2007	87/74	85/70	71/61	81/76	90/74	89/70	81/59	49.3	40.8	42.4	46.7	47.5
6/3/2007	80/65	65/55	69/56	80/65	80/64	71/61	66/52	46.7	35	30.5	37.7	46.8
6/4/2007	52/45	51/44	45/40	56/49	51/45	49/44	48/40	16	10.2	7.5	13.7	15.6
6/5/2007	52/47	53/49	47/45	52/45	55/47	50/43	49/46	11.9	5.4	5.3	7.3	9.5
6/6/2007	78/67	75/60	53/49	74/66	70/63	72/63	80/65	22.5	14.4	10.7	12.4	17.7
6/7/2007	80/68	71/63	69/60	77/69	82/71	72/65	69/59	25.1	19.4	15.1	16.1	20
6/8/2007	46/38	43/33	41/33	50/45	58/49	51/43	47/40	19	16.1	11.9	15.2	20.2
6/9/2007	74/65	73/66	59/54	70/62	72/66	70/65	78/73	12.4	6.6	3.9	8.2	8.9
6/10/2007	55/45	71/65	63/59	69/65	72/66	70/65	73/69	11.8	8.4	6.6	8.8	
6/11/2007	75/71	83/76	73/67	75/73	79/75	82/77	76/67	17.8	14.8	11.9	13.8	13.1
6/12/2007	77/71	79/75	68/65	74/70	78/74	80/75	77/73	22.1	16	14.9	18.5	18.8
6/13/2007	60/52	74/71	57/57	61/68	70/68	73/69	67/62	23.5	14.2	13.9	19.2	20.5
6/14/2007	67/61	79/71	68/58	70/64	77/68	84/70	67/60	16.8	13.4	11.9	13.8	16.2
6/15/2007	69/61	78/68	66/62	71/65	75/69	76/69	67/60	21	17.4	16.5	18.2	21.6
6/16/2007	82/77	78/70	91/86	85/78	83/74	79/70	80/73	28.5	22.8	20.2	20.4	25.3
6/17/2007	82/77	79/75	97/83	86/75	82/69	71/69	75/69	40.7	33.4	26.6	33.2	36.8
6/18/2007	102/84	92/80	104/80	94/88	89/80	86/81	87/78	42	35.7	29.9	33.2	39.6
6/19/2007	56/44	49/39	60/48	54/47	51/45	59/47	44/38	24.3	20.7	18.0	18	22.4
6/20/2007	73/69	79/71	80/74	71/67	76/70	76/70	76/71	15.1	9.1	10	11.3	10.7
6/21/2007	87/78	90/78	86/82	86/78	87/78	85/76	79/75	21.8	14	16.1	16	19.5
6/22/2007	45/36	40/30	46/41	47/38	50/38	47/38	49/36	29.1	21.7	19.6	23.1	37.6
6/23/2007	53/51	56/44	56/54	56/53	57/52	57/54	51/47	22.8	15.5	14.6	15.3	17.1
6/24/2007	69/57	55/42	64/56	60/54	64/57	62/49	46/37	28.5	20.6	19.7	19.7	24.3
6/25/2007	52/37	52/39	64/50	74/56	62/52	61/51	54/37	28.4	21.1	19	18.9	28.1
6/26/2007	79/68	75/66	63/59	77/70	87/77	81/73	65/58	26	26	18.4	20.8	24.7
6/27/2007	75/70	79/62	60/55	76/71	70/64	74/65	68/62	29.1	23.1	19.2	26	38.8
6/28/2007	49/35	43/38	57/43	47/41	47/43	43/32	47/38	24	15.8	15	16.3	
6/29/2007	41/33	56/37	50/39	51/42	62/49		46/36	21.8	13.6	11.8	16.6	
6/30/2007	67/59	69/62	62/57	69/60	70/65		73/65	13.5	11.1	7.7	9.6	

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

8-hour ozone values in bold indicate an exceedence 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