

Daily Aeroqual Dust Sentry Readings
Wissahickon Park
Ambler, Pennsylvania

Date & Time	Station 1 (µg/m³)	Station 2 (µg/m³)	Station 3 (µg/m³)	Station 4 (µg/m³)	Windspeed (mph)
8/25/2025 6:10		5.67			1.26
8/25/2025 6:20	5.87	5.53	5	5.95	0.9
8/25/2025 6:30	5.93	5.23	5.18	5.6	0.8
8/25/2025 6:40	5.71	5.2	5.55	5.59	0.55
8/25/2025 6:50	5.6	5.83	5.05	5.38	0.52
8/25/2025 7:00	5.47	9.02	5.03	5.22	0.7
8/25/2025 7:10	5.76	9.33	5.28	5.52	0.76
8/25/2025 7:20	5.44	5.29	5.06	7.54	0.74
8/25/2025 7:30	6.06	4.94	4.77	5.55	0.89
8/25/2025 7:40	6.45	4.98	5	5.63	1.91
8/25/2025 7:50	5.58	5.13	5.37	5.28	2.02
8/25/2025 8:00	5.14	4.92	4.89	5.3	3.15
8/25/2025 8:10	5.15	4.89	4.79	5.16	2.56
8/25/2025 8:20	5.05	4.75	4.76	4.96	2.16
8/25/2025 8:30	4.8	4.46	4.63	4.75	2.14
8/25/2025 8:40	4.85	4.32	4.84	4.73	2.5
8/25/2025 8:50	4.89	4.26	6.28	4.58	3.75
8/25/2025 9:00	4.6	3.94	7.32	4.29	3.3
8/25/2025 9:10	4.05	3.51	4.08	4.04	3.81
8/25/2025 9:20	3.38	2.9	3.15	3.37	4.55
8/25/2025 9:30	2.52	2.16	4.44	2.54	2.78
8/25/2025 9:40	1.88	1.56	3.04	1.91	3.11
8/25/2025 9:50	1.58	1.13	1.71	1.58	2.54
8/25/2025 10:00	1.63	1.1	2.67	1.5	3.94
8/25/2025 10:10	1.41	1.56	3.58	1.43	2.58
8/25/2025 10:20	1.22	0.92	1.17	1.29	2.3
8/25/2025 10:30	1.86	1.14	1.18	1.48	5.17
8/25/2025 10:40	1.24	0.68	0.94	1.13	5.75
8/25/2025 10:50	1.2	0.66	2.53	1.07	3.7
8/25/2025 11:00	1.4	0.6	5.48	0.92	4.56
8/25/2025 11:10	1.28	0.66	27.55	1.02	2.02
8/25/2025 11:20	1.15	1.78	2.26	1.31	2.11

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 Ambler, Pennsylvania**

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8/25/2025 11:30	3.46	1.02	0.99	1.14	5.9
8/25/2025 11:40	1.81	0.69	2.74	1.03	3.78
8/25/2025 11:50	1.67	1.46	2.99	1.24	4.97
8/25/2025 12:00	2.08	0.96	2.1	0.91	4.29
8/25/2025 12:10	1.1	1.02	1.6	0.94	4.16
8/25/2025 12:20	1.2	1.55	5.71	0.99	5.11
8/25/2025 12:30	0.9	0.61	3.97	1.51	4.24
8/25/2025 12:40	4.94	2.68	4.91	3.58	4.02
8/25/2025 12:50	1.74	0.72	3.01	1.66	4.96
8/25/2025 13:00	1.3	1.54	4.56	1.32	6.19
8/25/2025 13:10	1.14	1.97	1.57	1.17	5.69
8/25/2025 13:20	1.15	3.13	0.86	1.36	5.37
8/25/2025 13:30	1.78	5.53		0.98	5.91
8/25/2025 13:40		1.69			4.55

ACTION LEVELS	
<500 µg/m³	Normal Operations
>500 µg/m³, <2500 µg/m³	Examine Sources, Potentially Increase Dust Control
>2500 µg/m³	Stop Work, Address Dust Generation Before Restarting

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 Ambler, Pennsylvania**

Date & Time	Station 1 (µg/m³)	Station 2 (µg/m³)	Station 3 (µg/m³)	Station 4 (µg/m³)	Windspeed (mph)
8/26/2025 6:10	1.13	1.37			0.56
8/26/2025 6:20	1.34	1.48	1.25	1.11	1.07
8/26/2025 6:30	1.5	1.75	1.71	1.31	1.23
8/26/2025 6:40	1.4	1.7	2.18	1.46	1.02
8/26/2025 6:50	1.41	1.49	1.51	1.53	0.74
8/26/2025 7:00	1.47	1.5	1.63	1.6	0.6
8/26/2025 7:10	1.52	1.64	1.75	1.6	1.06
8/26/2025 7:20	1.58	1.76	1.81	1.51	0.59
8/26/2025 7:30	1.7	1.76	1.63	1.51	0.81
8/26/2025 7:40	1.62	1.43	1.38	1.26	1.18
8/26/2025 7:50	1.46	1.57	1.17	1.09	1.49
8/26/2025 8:00	1.28	0.96	0.97	1.07	1.43
8/26/2025 8:10	1.07	0.59	1.04	1.05	1.34
8/26/2025 8:20	0.86	0.42	1	0.92	2.17
8/26/2025 8:30	0.96	0.44	1.16	1.11	2.03
8/26/2025 8:40	0.88	0.44	1.16	1.02	2.28
8/26/2025 8:50	0.8	0.34	1	1.24	1.86
8/26/2025 9:00	0.81	0.31	0.96	1.14	2.64
8/26/2025 9:10	0.81	0.31	0.92	0.9	1.65
8/26/2025 9:20	0.75	0.25	0.86	0.89	1.85
8/26/2025 9:30	0.9	0.34	1.19	0.94	1.69
8/26/2025 9:40	0.91	0.74	0.85	0.96	2.54
8/26/2025 9:50	0.93	0.44	0.88	1.56	2.15
8/26/2025 10:00	0.81	0.41	1.39	1.01	2.21
8/26/2025 10:10	0.79	0.4	1.09	0.99	2.83
8/26/2025 10:20	0.79	0.36	0.82	1.16	2.23
8/26/2025 10:30	0.84	0.62	0.91	1.1	1.88
8/26/2025 10:40	0.82	0.33	1.15	1.54	3.36
8/26/2025 10:50	0.85	0.44	0.9	1.33	2.92
8/26/2025 11:00	0.86	1.09	0.91	1.02	2.82
8/26/2025 11:10	0.91	0.51	1.06	1.13	3.31
8/26/2025 11:20	0.84	0.67	0.95	1.04	2.36

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8/26/2025 11:30	0.8	2.17	0.92	0.99	3.87
8/26/2025 11:40	0.81	1.91	1.1	1.03	4.12
8/26/2025 11:50	0.73	0.45	1.1	0.94	3.81
8/26/2025 12:00	0.68	2.49	0.82	0.87	3.69
8/26/2025 12:10	0.65	0.38	1.13	0.9	2.82
8/26/2025 12:20	0.69	0.27	0.95	0.87	3.64
8/26/2025 12:30	0.66	1.67	0.84	0.8	3.41
8/26/2025 12:40	0.69	2.05	0.71	0.81	2.35
8/26/2025 12:50	0.65	0.47	0.82	0.78	3.56
8/26/2025 13:00	0.61	0.21	0.68	0.76	3.37
8/26/2025 13:10	0.61	0.23	0.88	0.77	4.21
8/26/2025 13:20	0.66	0.12	0.61		3.49
8/26/2025 13:30	0.84				

ACTION LEVELS	
<500 µg/m³	Normal Operations
>500 µg/m³, <2500 µg/m³	Examine Sources, Potentially Increase Dust Control
>2500 µg/m³	Stop Work, Address Dust Generation Before Restarting

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8/27/2025 6:10	2.63	2.46			0.95
8/27/2025 6:20	2.7	2.51		2.62	1.17
8/27/2025 6:30	2.9	2.58	2.94	2.84	0.8
8/27/2025 6:40	2.69	2.51	2.8	3.02	0.56
8/27/2025 6:50	2.82	2.55	2.89	3.16	0.5
8/27/2025 7:00	2.92	3	2.93	3.31	0.74
8/27/2025 7:10	3.16	2.79	3.06	4.32	0.99
8/27/2025 7:20	3.13	2.82	2.82	2.82	1.58
8/27/2025 7:30	3.07	2.74	2.68	3.83	1.8
8/27/2025 7:40	2.87	2.47	2.4	2.49	1.76
8/27/2025 7:50	2.49	2.09	2.08	3.51	2.63
8/27/2025 8:00	2.49	1.9	3.34	2.17	2.64
8/27/2025 8:10	2.25	2.28	25.9	2.72	3.23
8/27/2025 8:20	2.1	1.88	27.69	2.14	4.12
8/27/2025 8:30	1.84	1.34	2.48	2.03	3.98
8/27/2025 8:40	1.65	1.35	2.11	2.07	4.11
8/27/2025 8:50	1.62	1.32	2.09	2.32	3.75
8/27/2025 9:00	1.49	1.2	1.64	2.62	3.87
8/27/2025 9:10	1.51	1.08	1.7	2.24	5.34
8/27/2025 9:20	1.42	1.04	2.22	1.81	4.64
8/27/2025 9:30	1.56	1.52	3.87	2.01	3.93
8/27/2025 9:40	1.42	0.98	3.77	5.73	4.65
8/27/2025 9:50	1.43	0.91	2.48	3.17	4.86
8/27/2025 10:00	1.31	0.96	1.7	1.82	4.62
8/27/2025 10:10	1.54	1.63	1.71	4.75	1.64
8/27/2025 10:20	1.16	1.29	2.41	1.7	3.32
8/27/2025 10:30	1.28	1.48	1.1	1.94	2.14
8/27/2025 10:40	1.07	2.01	4.19	3.96	4.45
8/27/2025 10:50	1.75	1.12	1.93	2.78	2.29
8/27/2025 11:00	2.7	4.84	15.36	11.95	5.82
8/27/2025 11:10	1.06	2.92	4.63	4.98	3.77
8/27/2025 11:20	1.19	1.96	2.52	3.99	5.97

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8/27/2025 11:30	1.09	1.05	1.76	10.13	3.24
8/27/2025 11:40	1.22	2.59	9.09	14.99	4.34
8/27/2025 11:50	1.2	1.22	24.33	7.26	3.78
8/27/2025 12:00	1.3	3.07	31.74	12.28	5.02
8/27/2025 12:10	1.11	4.93	2.97	14.89	4.43
8/27/2025 12:20	1.05	1.1	5.35	8.28	5.11
8/27/2025 12:30	1.13	3.79	8.25	4.83	4.43
8/27/2025 12:40	0.98	3.08	2.9	5.42	4.16
8/27/2025 12:50	1.2	5.3	1.51	11.55	4.89
8/27/2025 13:00	1.48	2.31	1.83	4.33	5.93
8/27/2025 13:10	1.25	1.36	0.97	5.05	3.6
8/27/2025 13:20	1.16			5.57	

ACTION LEVELS	
<500 µg/m³	Normal Operations
>500 µg/m³, <2500 µg/m³	Examine Sources, Potentially Increase Dust Control
>2500 µg/m³	Stop Work, Address Dust Generation Before Restarting

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Date & Time	Station 1 (µg/m³)	Station 2 (µg/m³)	Station 3 (µg/m³)	Station 4 (µg/m³)	Windspeed (mph)
8/28/2025 6:10		2.68			1.36
8/28/2025 6:20	3.04	3.06	2.72	3.04	1
8/28/2025 6:30	4.56	3.29	3.08	2.92	1.05
8/28/2025 6:40	3.22	3.38	3.21	3.16	1.09
8/28/2025 6:50	3.4	3.74	3.07	3.55	0.49
8/28/2025 7:00	3.12	3.49	3.72	3.59	1.05
8/28/2025 7:10	3.55	3.68	3.84	4.31	0.67
8/28/2025 7:20	4.04	4.3	3.7	3.18	0.55
8/28/2025 7:30	3.9	4.28	3.74	3.24	0.62
8/28/2025 7:40	4.16	4.42	3.74	3.26	0.73
8/28/2025 7:50	4	3.93	3.69	3.42	1.09
8/28/2025 8:00	4.36	3.76	3.55	3.84	1.08
8/28/2025 8:10	4.04	3.61	3.77	3.91	0.85
8/28/2025 8:20	3.89	4.04	3.6	3.59	1.06
8/28/2025 8:30	4.16	4.05	3.54	3.37	1.84
8/28/2025 8:40	3.34	3.6	3.23	3.29	1.88
8/28/2025 8:50	3.1	2.96	3.32	3.24	1.6
8/28/2025 9:00	3.24	3.31	3.47	3.49	1.89
8/28/2025 9:10	3.29	3.19	3.34	3.36	1.83
8/28/2025 9:20	3.21	3.39	3.25	3.34	1.56
8/28/2025 9:30	2.95	2.77	3.13	3.65	1.23
8/28/2025 9:40	2.98	2.66	2.9	3.26	1.68
8/28/2025 9:50	2.74	2.58	2.75	3.05	1.75
8/28/2025 10:00	2.48	2.37	2.6	2.8	1.6
8/28/2025 10:10	2.38	2.16	2.43	2.85	1.66
8/28/2025 10:20	2.17	2.15	2.3	2.56	2.03
8/28/2025 10:30	2.02	1.94	2.09	2.73	2.36
8/28/2025 10:40	1.97	1.87	2.1	2.19	3.46
8/28/2025 10:50	1.98	1.94	2.28	2.34	3.27
8/28/2025 11:00	2.77	2.47	2.53	2.69	4.13
8/28/2025 11:10	2.64	2.29	2.76	2.77	2.84
8/28/2025 11:20	2.53	2.44	2.49	3.65	3.12

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8/28/2025 11:30	2.33	2.98	2.3	2.84	2.78
8/28/2025 11:40	1.97	2.84	1.93	2.66	3.63
8/28/2025 11:50	1.77	1.79	1.79	1.91	3.8
8/28/2025 12:00	3	2.5	1.78	1.85	3.74
8/28/2025 12:10	4.37	6	1.87	1.95	4.48
8/28/2025 12:20	1.86	1.79	1.91	2.04	3.07
8/28/2025 12:30	1.92	4.06	1.92	2.07	3.91
8/28/2025 12:40	2.45	3.06	2.11	2.18	4.56
8/28/2025 12:50	2.22	2.23	2.42	2.52	4.93
8/28/2025 13:00	3.74	2.51	2.55	2.69	5.6
8/28/2025 13:10	2.3	2.45	2.38	8.22	3.1
8/28/2025 13:20	2.12	1.9	2.15	2.34	4.03
8/28/2025 13:30	2.19	1.89	1.95	2.15	3.53
8/28/2025 13:40		1.74			1.66

ACTION LEVELS	
<500 µg/m³	Normal Operations
>500 µg/m³, <2500 µg/m³	Examine Sources, Potentially Increase Dust Control
>2500 µg/m³	Stop Work, Address Dust Generation Before Restarting

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8/29/2025 6:00		4.06			0.48
8/29/2025 6:10	4.3	4.56		3.93	1.12
8/29/2025 6:20	4.4	5.02	4.38	4.24	0.72
8/29/2025 6:30	4.2	4.39	4.42	4.29	0.63
8/29/2025 6:40	4.61	4.94	4.83	6.04	0.89
8/29/2025 6:50	5.08	4.78	4.8	4.39	1.28
8/29/2025 7:00	4.59	4.32	4.58	5.5	1.37
8/29/2025 7:10	4.43	4.13	4.24	5	1.1
8/29/2025 7:20	4.28	4.18	4.2	4.3	0.85
8/29/2025 7:30	6.5	4.3	4.99	6.61	1.12
8/29/2025 7:40	49.26	6.29	4.65	8.29	1.23
8/29/2025 7:50	20.2	7.67	5.4	5.24	1.23
8/29/2025 8:00	11.74	10.5	6.07	7.26	0.66
8/29/2025 8:10	11.76	8.69	4.8	5.21	0.51
8/29/2025 8:20	5.43	6.26	4.44	4.72	0.95
8/29/2025 8:30	3.9	3.89	4.03	4.12	1.01
8/29/2025 8:40	3.72	4	4.72	3.77	1.5
8/29/2025 8:50	3.47	3.81	3.71	3.71	1.29
8/29/2025 9:00	4.31	3.46	3.49	4.74	1.05
8/29/2025 9:10	3.48	3.22	3.54	3.56	1.57
8/29/2025 9:20	3.67	3.9	3.51	3.59	1.92
8/29/2025 9:30	3.77	4.08	3.02	6.39	3.64
8/29/2025 9:40	2.62	3.37	2.5	3.45	3.72
8/29/2025 9:50	4.91	9.32	3.15	6.66	2.5
8/29/2025 10:00	2.69	3.96	3.86	2.84	3.41
8/29/2025 10:10	4.34	5.47	3.21	4.31	3.03
8/29/2025 10:20	4.57	7.08	6.26	4.57	3.21
8/29/2025 10:30	4.46	12.09	4	4.13	3.71
8/29/2025 10:40	3.58	15.22	3.18	3.86	3.89
8/29/2025 10:50	3.01	5.31	3.49	3.34	4.93
8/29/2025 11:00	3.06	4.81	2.95	3.36	5.35
8/29/2025 11:10	2.96	3.34	2.51	2.91	3.35

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8/29/2025 11:20	2.79	3.65	2.46	3.09	4.3
8/29/2025 11:30	2.65	2.59	2.47	5.28	5.02
8/29/2025 11:40	2.68	2.34	2.64	4.16	4.41
8/29/2025 11:50	3.16	3.46	2.9	4.29	4.29
8/29/2025 12:00	2.78	2.61	2.55	7.02	3.68
8/29/2025 12:10	3.54	4.74	3.16	10	4.03
8/29/2025 12:20	2.55	3.14	3.26	2.74	3.62
8/29/2025 12:30	2.57	8.7	4.48	5.1	2.79
8/29/2025 12:40	2.75	3.19	3.83	3	2.98
8/29/2025 12:50		7.88			6.56

ACTION LEVELS	
<500 $\mu\text{g}/\text{m}^3$	Normal Operations
>500 $\mu\text{g}/\text{m}^3$, <2500 $\mu\text{g}/\text{m}^3$	Examine Sources, Potentially Increase Dust Control
>2500 $\mu\text{g}/\text{m}^3$	Stop Work, Address Dust Generation Before Restarting