

AIBP Early Action Perimeter Air Monitoring with DTSC's Calculations (July 08 through July 11, 2024)

Date/Time	North Station PM10	East Station PM10	West Station PM10	South Station PM10	Downwind	Upwind	Delta (Downwind - Upwind) DTSC Calculated	Delta Rolling Average (N,S,E,W) Boeing Calculated	Delta Rolling 2-hour Average (Downwind - Upwind) DTSC Calculated	Wind Speed Hourly Avg (m/s)	Wind Speed Hourly Avg (mph)	Wind Direction (Cardinal)	Upwind Stations
7/8/24 6:00	9.98	10.18	10.19	9.18	10.19	10.08	0.11	0.34	-	0.69	1.54	E	North/East
7/8/24 7:00	9.51	9.05	9.21	8.24	9.51	8.73	0.78	0.74	0.45	1.09	2.44	SSW	West/South
7/8/24 8:00	10.01	9.22	8.77	8.27	10.01	8.52	1.49	1.34	1.14	1.33	2.98	SSE	West/South
7/8/24 9:00	10.31	10.63	10.07	9.46	10.63	9.77	0.87	0.47	1.18	1.53	3.42	SSE	West/South
7/8/24 10:00	10.19	10.74	9.84	9.52	9.84	10.47	-0.63	0.02	0.12	1.64	3.67	E	North/East
7/8/24 11:00	8.67	9.31	8.77	9.11	9.11	8.99	0.12	0.50	-0.25	1.83	4.09	NW	North/East
7/8/24 12:00	6.51	6.97	6.36	9.43	9.43	6.74	2.69	2.89	1.41	2.21	4.94	NW	North/East
7/8/24 13:00	8.71	8.79	8.40	9.61	9.61	8.75	0.86	0.98	1.78	2.63	5.88	E	North/East
7/8/24 14:00	5.21	5.88	5.31	6.51	6.51	5.55	0.97	1.43	0.91	2.59	5.79	NNW	North/East
7/9/24 5:00	8.68	8.33	12.73	10.29	12.73	8.51	4.23	4.43	-	0.92	2.06	NE	North/East
7/9/24 6:00	8.20	8.52	8.16	8.74	8.74	8.36	0.38	0.50	2.30	0.63	1.41	ENE	North/East
7/9/24 7:00	7.27	7.21	6.52	6.84	7.27	6.68	0.59	0.63	0.49	0.93	2.08	SSE	West/South
7/9/24 8:00	7.42	6.58	6.30	7.07	7.42	6.69	0.73	0.56	0.66	1.33	2.98	SE	West/South
7/9/24 9:00	8.12	7.90	7.24	7.78	8.12	7.51	0.61	0.41	0.67	1.63	3.65	S	West/South
7/9/24 10:00	8.08	8.32	7.91	8.72	8.72	8.20	0.52	0.31	0.57	1.63	3.65	ESE	North/East
7/9/24 11:00	8.93	9.13	9.27	9.43	9.43	9.03	0.40	0.55	0.46	2.16	4.83	E	North/East
7/9/24 12:00	10.67	10.14	10.70	10.74	10.74	10.41	0.33	1.30	0.37	1.90	4.25	E	North/East
7/9/24 13:00	6.39	5.99	6.12	7.54	7.54	6.19	1.35	1.59	0.84	2.92	6.53	NW	North/East
7/9/24 14:00	5.67	5.75	5.96	6.93	6.93	5.71	1.22	1.04	1.29	3.52	7.87	NNW	North/East
7/10/24 6:00	7.67	6.93	8.33	7.98	7.67	8.16	-0.49	0.17	-	2.55	5.70	W	West/South
7/10/24 7:00	9.55	8.52	9.03	9.17	9.17	9.04	0.14	1.16	-0.18	1.56	3.49	E	North/East
7/10/24 8:00	10.75	10.84	10.57	10.87	10.87	10.80	0.07	0.72	0.11	1.69	3.78	ESE	North/East
7/10/24 9:00	11.02	11.24	11.38	11.39	11.39	11.13	0.26	0.60	0.17	1.66	3.71	E	North/East
7/10/24 10:00	10.76	11.07	11.57	11.55	11.57	10.92	0.66	0.65	0.46	1.78	3.98	E	North/East
7/10/24 11:00	10.93	10.53	11.34	11.25	11.34	10.73	0.61	1.02	0.63	1.95	4.36	E	North/East
7/10/24 12:00	9.50	8.53	8.92	9.87	9.87	9.02	0.85	1.33	0.73	2.33	5.21	NW	North/East
7/10/24 13:00	8.62	8.02	8.08	9.27	9.27	8.32	0.95	1.23	0.90	3.36	7.52	NW	North/East
7/10/24 14:00	7.95	7.86	7.74	8.92	8.92	7.91	1.02	1.15	0.98	3.46	7.74	NNW	North/East
7/11/24 6:00	10.23	9.96	10.23	10.46	10.46	10.10	0.37	0.65	-	1.29	2.89	E	North/East
7/11/24 7:00	11.10	9.84	10.17	10.11	10.17	10.47	-0.30	1.43	0.03	1.61	3.60	E	North/East
7/11/24 8:00	11.16	9.42	9.90	9.85	9.90	10.29	-0.39	1.76	-0.34	2.77	6.20	E	North/East
7/11/24 9:00	11.41	10.95	10.58	11.11	11.11	11.18	-0.07	0.63	-0.23	2.26	5.06	E	North/East
7/11/24 10:00	13.09	13.26	13.28	13.73	13.73	13.18	0.56	0.72	0.24	2.72	6.08	E	North/East
7/11/24 11:00	11.89	11.72	11.15	12.28	12.28	11.81	0.48	1.67	0.52	1.73	3.87	NNW	North/East

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7/11/24 12:00	9.60	10.00	10.22	10.65	10.65	9.80	0.85	0.95	0.66	1.73	3.87	NE	North/East
7/11/24 13:00	10.02	9.88	9.37	10.44	10.02	9.91	0.12	1.22	0.48	2.76	6.17	WNW	West/South