

AIBP Early Action Perimeter Air Monitoring with DTSC's Calculations (July 15 through July 18, 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
7/15/24 6:00	7.24	7.02	8.09	7.93	8.09	7.13	0.96	1.20	-	1.40	3.13	E	North/East
7/15/24 7:00	8.08	7.66	8.01	7.92	8.01	7.87	0.14	0.69	0.55	1.80	4.03	E	North/East
7/15/24 8:00	8.10	7.22	7.47	7.52	8.10	7.50	0.61	0.73	0.37	1.33	2.98	SSE	West/South
7/15/24 9:00	8.52	7.68	7.62	8.25	8.52	7.94	0.58	0.92	0.60	1.67	3.74	SSE	West/South
7/15/24 10:00	9.30	9.28	9.47	9.53	9.53	9.29	0.24	0.57	0.41	2.27	5.08	E	North/East
7/15/24 11:00	8.45	8.34	8.17	8.68	8.68	8.40	0.29	0.88	0.26	2.53	5.66	NW	North/East
7/15/24 12:00	6.54	6.63	6.30	6.82	6.82	6.59	0.24	0.79	0.26	3.11	6.96	NW	North/East
7/15/24 13:00	5.56	5.64	5.53	5.97	5.97	5.60	0.37	0.42	0.30	2.70	6.04	NW	North/East
7/15/24 14:00	5.16	5.34	5.20	5.71	5.34	5.46	-0.12	0.61	0.13	3.01	6.73	WNW	West/South
7/16/24 6:00	4.98	5.32	6.95	5.91	6.95	5.15	1.80	1.65	-	1.58	3.53	E	North/East
7/16/24 7:00	5.23	5.18	6.21	5.64	6.21	5.21	1.01	1.05	1.40	2.07	4.63	E	North/East
7/16/24 8:00	5.73	5.34	6.67	5.71	6.67	5.54	1.14	1.39	1.07	2.57	5.75	E	North/East
7/16/24 9:00	6.04	5.13	5.83	5.37	5.83	5.59	0.25	1.01	0.69	1.87	4.18	ESE	North/East
7/16/24 10:00	6.25	5.28	5.39	5.41	5.41	5.77	-0.36	1.01	-0.06	1.82	4.07	ESE	North/East
7/16/24 11:00	5.74	5.54	5.67	5.86	5.74	5.77	-0.03	0.48	-0.19	2.18	4.88	WSW	West/South
7/16/24 12:00	5.72	5.32	5.28	5.78	5.72	5.53	0.19	1.16	0.08	2.85	6.38	WNW	West/South
7/16/24 13:00	4.63	4.78	4.56	4.88	4.78	4.72	0.06	0.39	0.13	2.99	6.69	WNW	West/South
7/16/24 14:00	4.29	4.28	4.17	4.22	4.29	4.20	0.09	0.35	0.08	3.06	6.85	WNW	West/South
7/17/24 6:00	5.20	5.54	6.89	6.32	6.89	5.37	1.52	1.41	-	1.83	4.09	ENE	North/East
7/17/24 7:00	5.28	5.14	5.75	5.77	5.77	5.21	0.56	0.77	1.04	2.03	4.54	E	North/East
7/17/24 8:00	4.68	4.50	4.85	4.70	4.85	4.59	0.26	0.40	0.41	1.79	4.00	E	North/East
7/17/24 9:00	5.69	4.01	4.43	4.43	5.69	4.43	1.26	0.78	0.76	1.52	3.40	SE	West/South
7/17/24 10:00	5.73	5.31	5.07	5.29	5.29	5.52	-0.23	0.50	0.52	1.70	3.80	ENE	North/East
7/17/24 11:00	6.02	5.21	5.58	5.65	5.65	5.62	0.04	0.74	-0.10	1.54	3.44	E	North/East
7/17/24 12:00	5.66	5.66	5.52	6.73	6.73	5.66	1.07	1.08	0.55	2.56	5.73	NW	North/East
7/17/24 13:00	5.33	5.57	5.35	6.15	6.15	5.45	0.70	0.91	0.89	3.24	7.25	NW	North/East
7/17/24 14:00	5.49	5.48	5.18	6.05	5.49	5.62	-0.13	1.09	0.29	2.58	5.77	WNW	West/South
7/18/24 6:00	4.83	5.18	6.40	5.53	6.40	5.01	1.40	1.23	-	1.54	3.44	E	North/East
7/18/24 7:00	5.06	4.91	5.29	5.19	5.29	4.99	0.31	0.51	0.85	1.79	4.00	ESE	North/East
7/18/24 8:00	6.56	5.34	5.83	5.69	5.83	5.95	-0.12	1.22	0.09	2.04	4.56	E	North/East
7/18/24 9:00	7.33	6.65	6.72	6.92	6.92	6.99	-0.07	0.78	-0.09	1.72	3.85	E	North/East
7/18/24 10:00	7.48	7.22	7.28	7.45	7.45	7.35	0.10	0.56	0.02	2.00	4.47	E	North/East
7/18/24 11:00	7.44	7.64	7.67	7.83	7.83	7.54	0.29	0.31	0.20	2.22	4.97	E	North/East
7/18/24 12:00	7.49	7.93	7.93	8.79	8.79	7.71	1.08	1.00	0.69	2.73	6.11	NW	North/East

AIBP Early Action Perimeter Air Monitoring with DTSC's Calculations (July 15 through July 18, 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
7/18/24 13:00	7.30	8.35	7.83	9.67	9.67	7.83	1.85	1.93	1.46	3.48	7.78	NW	North/East
7/18/24 14:00	7.77	8.25	7.74	8.78	8.78	8.01	0.77	1.43	1.31	3.18	7.11	NW	North/East