

AIBP Early Action Perimeter Air Monitoring with DTSC's Calculations (July 01 through July 03, 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
7/1/24 6:00	5.64	2.60	5.50	4.43	5.50	4.12	1.38	3.23	-	1.90	4.25	ENE	North/East
7/1/24 7:00	6.86	3.44	6.23	5.05	6.23	5.15	1.08	3.49	1.23	2.28	5.10	E	North/East
7/1/24 8:00	7.69	3.62	6.26	5.27	6.26	5.66	0.61	4.09	0.84	2.83	6.33	E	North/East
7/1/24 9:00	7.57	3.40	5.67	4.86	5.67	5.49	0.19	4.17	0.40	2.31	5.17	E	North/East
7/1/24 10:00	7.50	3.62	5.79	5.15	5.79	5.56	0.23	3.76	0.21	2.13	4.76	ENE	North/East
7/1/24 11:00	7.22	2.98	5.35	4.70	5.35	5.10	0.25	4.29	0.24	2.45	5.48	E	North/East
7/1/24 12:00	6.81	2.71	5.54	4.75	5.54	4.76	0.78	1.21	0.52	2.26	5.06	ENE	North/East
7/1/24 13:00	5.09	8.72	9.19	8.81	9.19	6.91	2.29	0.83	1.53	2.56	5.73	NW	North/East
7/1/24 14:00	9.38	9.71	9.47	10.13	9.71	9.80	-0.09	0.36	1.10	2.87	6.42	WNW	West/South
7/2/24 8:00	7.97	7.89	6.64	6.38	6.64	7.93	-1.29	0.09	-	1.77	3.96	E	North/East
7/2/24 9:00	8.67	7.90	7.44	6.98	7.44	8.29	-0.85	0.81	-1.07	1.79	4.00	E	North/East
7/2/24 10:00	8.38	7.81	7.54	7.28	7.54	8.10	-0.56	0.58	-0.70	2.18	4.88	E	North/East
7/2/24 11:00	7.11	6.74	6.62	6.31	6.62	6.93	-0.31	0.46	-0.43	2.02	4.52	E	North/East
7/2/24 12:00	6.07	5.68	5.99	5.38	5.99	5.88	0.12	0.30	-0.10	1.76	3.94	ENE	North/East
7/2/24 13:00	9.09	9.78	9.19	9.65	9.78	9.42	0.36	0.68	0.24	2.87	6.42	WNW	West/South
7/2/24 14:00	9.47	9.88	9.23	9.90	9.90	9.68	0.23	1.52	0.29	2.93	6.55	NW	North/East
7/3/24 5:00	6.82	7.67	8.74	7.61	8.74	7.25	1.50	1.61	-	1.00	2.24	NE	North/East
7/3/24 6:00	5.74	7.65	5.46	5.23	5.46	6.70	-1.24	-1.26	0.13	0.52	1.16	ESE	North/East
7/3/24 7:00	5.76	5.33	5.07	4.71	5.76	4.89	0.87	0.71	-0.18	0.98	2.19	SSE	West/South
7/3/24 8:00	6.65	5.57	5.53	5.60	6.65	5.57	1.09	1.07	0.98	1.46	3.27	S	West/South
7/3/24 9:00	6.11	5.65	5.46	5.03	6.11	5.25	0.87	0.68	0.98	1.58	3.53	SE	West/South
7/3/24 10:00	4.81	4.37	4.71	4.04	4.81	4.38	0.44	0.82	0.65	1.58	3.53	SE	West/South
7/3/24 11:00	6.11	5.65	6.19	5.83	6.11	6.01	0.10	0.47	0.27	2.06	4.61	W	West/South
7/3/24 12:00	7.02	6.74	6.68	7.18	7.18	6.88	0.30	0.67	0.20	2.89	6.46	NW	North/East
7/3/24 13:00	5.74	5.36	5.16	5.65	5.74	5.41	0.34	0.66	0.32	2.75	6.15	WNW	West/South