

AIBP Early Action Perimeter Air Monitoring with DTSC's Calculations (July 22 through July 25, 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
7/22/2024 6:00	4.16	7.10	4.74	5.88	5.88	5.63	0.25	-1.15	-	0.87	1.95	NE	North/East
7/22/2024 7:00	5.40	5.04	5.13	5.37	5.37	5.22	0.15	0.55	0.20	1.34	3.00	ESE	North/East
7/22/2024 8:00	5.33	5.05	5.08	5.19	5.19	5.19	0.00	0.48	0.08	1.47	3.29	ESE	North/East
7/22/2024 9:00	5.16	5.15	5.17	5.30	5.16	5.24	-0.07	0.28	-0.04	1.47	3.29	SSE	West/South
7/22/2024 10:00	4.92	5.03	5.27	5.49	5.49	4.98	0.52	0.34	0.22	1.74	3.89	NW	North/East
7/22/2024 11:00	6.17	5.60	5.97	6.42	6.17	6.20	-0.03	0.43	0.25	2.64	5.91	WNW	West/South
7/22/2024 12:00	6.02	5.30	5.44	6.34	6.02	5.89	0.13	1.25	0.05	3.26	7.29	WNW	West/South
7/22/2024 13:00	4.06	3.76	3.62	4.44	4.06	4.03	0.03	1.02	0.08	3.14	7.02	WNW	West/South
7/22/2024 14:00	4.04	3.80	3.68	4.75	4.04	4.22	-0.18	1.18	-0.07	3.28	7.34	WNW	West/South
7/23/2024 6:00	5.25	5.90	5.38	5.66	5.66	5.58	0.09	-0.02	-	0.82	1.83	ESE	North/East
7/23/2024 7:00	6.21	5.37	5.19	5.31	6.21	5.25	0.96	1.03	0.52	1.13	2.53	S	West/South
7/23/2024 8:00	6.36	6.04	5.66	6.15	6.15	6.20	-0.05	0.44	0.46	2.00	4.47	E	North/East
7/23/2024 9:00	5.99	6.15	5.84	6.11	6.11	6.07	0.04	0.21	0.00	1.44	3.22	ESE	North/East
7/23/2024 10:00	6.56	6.23	6.17	6.35	6.35	6.40	-0.04	0.60	0.00	1.83	4.09	NNW	North/East
7/23/2024 11:00	5.96	5.27	5.21	6.22	6.22	5.62	0.61	1.81	0.28	2.57	5.75	NW	North/East
7/23/2024 12:00	5.20	4.85	4.69	5.91	5.91	5.03	0.89	1.49	0.75	2.78	6.22	NW	North/East
7/23/2024 13:00	4.85	3.66	3.63	4.54	4.54	4.26	0.29	1.83	0.59	2.93	6.55	NW	North/East
7/23/2024 14:00	3.97	3.59	3.45	3.85	3.97	3.65	0.32	0.82	0.30	2.91	6.51	WNW	West/South
7/24/2024 6:00	5.46	6.94	5.73	6.26	6.26	6.20	0.06	-0.51	-	0.52	1.16	NE	North/East
7/24/2024 7:00	4.28	4.26	4.32	4.23	4.32	4.27	0.05	0.29	0.06	0.94	2.10	E	North/East
7/24/2024 8:00	5.11	4.73	4.55	5.06	5.11	4.81	0.31	0.87	0.18	1.34	3.00	SSE	West/South
7/24/2024 9:00	5.35	5.60	5.44	5.44	5.60	5.44	0.16	0.22	0.23	1.60	3.58	SE	West/South
7/24/2024 10:00	4.68	5.02	5.08	5.05	5.02	5.07	-0.04	0.13	0.06	1.89	4.23	W	West/South
7/24/2024 11:00	4.81	4.58	4.75	5.01	5.01	4.70	0.32	0.39	0.14	2.76	6.17	NW	North/East
7/24/2024 12:00	5.86	5.76	5.97	7.04	7.04	5.81	1.23	1.07	0.77	3.50	7.83	NW	North/East
7/24/2024 13:00	6.75	7.22	7.02	7.90	7.90	6.99	0.92	1.02	1.07	3.16	7.07	NW	North/East
7/24/2024 14:00	6.20	6.12	6.16	6.75	6.20	6.46	-0.26	0.93	0.33	3.00	6.71	WNW	West/South
7/25/2024 6:00	9.15	9.88	9.81	9.82	9.82	9.52	0.31	0.72	-	0.99	2.21	ENE	North/East
7/25/2024 7:00	8.99	8.20	8.79	8.62	8.79	8.60	0.20	1.04	0.25	1.42	3.18	E	North/East
7/25/2024 8:00	9.11	8.57	8.66	9.24	9.11	8.95	0.16	0.70	0.18	1.24	2.77	SE	West/South
7/25/2024 9:00	10.88	10.17	10.63	10.85	10.88	10.74	0.14	0.78	0.15	1.48	3.31	SSE	West/South
7/25/2024 10:00	9.24	9.00	9.63	9.81	9.24	9.72	-0.48	0.46	-0.17	1.86	4.16	S	West/South
7/25/2024 11:00	9.48	8.68	9.45	9.95	9.48	9.70	-0.22	0.64	-0.35	2.29	5.12	W	West/South
7/25/2024 12:00	7.85	7.27	7.81	8.50	8.50	7.56	0.94	0.72	0.36	2.64	5.91	NW	North/East
7/25/2024 13:00	7.05	6.23	6.84	7.15	7.05	7.00	0.05	0.63	0.50	2.79	6.24	WNW	West/South
7/25/2024 14:00	6.58	6.00	6.43	7.41	7.41	6.29	1.12	0.95	0.59	3.88	8.68	NW	North/East