

**AIBP Early Action Perimeter Air Monitoring with DTSC's Calculations (June 24 through June 27, 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
6/24/24 6:00	6.04	2.65	5.20	4.39	5.20	4.35	0.86	2.51	-	1.56	3.49	E	North/East
6/24/24 7:00	6.14	2.17	4.50	3.63	4.50	4.16	0.35	2.35	0.60	1.34	3.00	E	North/East
6/24/24 8:00	6.38	1.46	3.70	2.96	6.38	3.33	3.05	1.51	1.70	1.48	3.31	SE	West/South
6/24/24 9:00	5.91	1.80	3.90	3.23	5.91	3.57	2.35	-0.33	2.70	1.41	3.15	SSW	West/South
6/24/24 10:00	4.96	0.84	3.10	2.69	4.96	2.90	2.07	-1.95	2.21	2.04	4.56	WNW	West/South
6/24/24 11:00	3.54	NM	2.30	2.00	3.54	2.15	1.39	NC	1.73	2.53	5.66	WNW	West/South
6/24/24 12:00	3.78	0.16	2.60	2.18	3.78	2.39	1.39	-2.39	1.39	2.95	6.60	WNW	West/South
6/24/24 13:00	4.46	0.68	3.20	2.88	4.46	3.04	1.42	-2.50	1.41	3.39	7.58	WNW	West/South
6/24/24 14:00	4.19	0.66	3.00	2.74	4.19	2.87	1.32	-2.33	1.37	3.24	7.25	WNW	West/South
6/25/24 6:00	6.23	3.05	6.40	5.17	6.40	4.64	1.76	3.30	-	1.42	3.18	E	North/East
6/25/24 7:00	6.69	3.39	5.90	5.12	5.90	5.04	0.86	2.52	1.31	2.19	4.90	E	North/East
6/25/24 8:00	7.27	3.18	5.50	4.70	5.50	5.23	0.28	1.47	0.57	1.91	4.27	ESE	North/East
6/25/24 9:00	6.60	2.29	4.50	3.73	6.60	4.12	2.49	0.48	1.38	1.60	3.58	SSE	West/South
6/25/24 10:00	7.52	3.21	5.30	4.71	7.52	5.01	2.52	1.06	2.50	1.87	4.18	SE	West/South
6/25/24 11:00	7.30	3.26	5.20	4.64	7.30	4.92	2.38	0.95	2.45	2.10	4.70	SSE	West/South
6/25/24 12:00	8.47	4.37	5.80	6.29	8.47	6.05	2.43	-0.08	2.40	2.13	4.76	SW	West/South
6/25/24 13:00	9.37	5.78	8.10	7.95	9.37	8.03	1.35	-2.19	1.89	2.50	5.59	WNW	West/South
6/25/24 14:00	9.09	5.61	7.60	7.56	9.09	7.58	1.51	-1.93	1.43	2.60	5.82	W	West/South
6/26/24 6:00	10.23	6.71	10.60	9.13	10.60	8.47	2.13	3.91	-	1.77	3.96	ENE	North/East
6/26/24 7:00	9.35	5.60	8.50	7.60	8.50	7.48	1.03	2.64	1.58	1.40	3.13	E	North/East
6/26/24 8:00	9.65	5.14	8.00	6.87	8.00	7.40	0.61	2.14	0.82	1.46	3.27	ESE	North/East
6/26/24 9:00	10.82	5.16	7.90	6.73	7.90	7.99	-0.09	2.67	0.26	2.25	5.03	E	North/East
6/26/24 10:00	9.53	4.69	7.40	6.36	7.40	7.11	0.29	2.51	0.10	2.16	4.83	E	North/East
6/26/24 11:00	10.51	5.80	8.20	7.36	8.20	8.16	0.04	2.32	0.17	2.35	5.26	E	North/East
6/26/24 12:00	10.22	5.99	8.50	7.86	10.22	8.18	2.04	0.15	1.04	2.04	4.56	SE	West/South
6/26/24 13:00	11.26	8.04	10.40	9.92	11.26	10.16	1.10	-2.08	1.57	2.88	6.44	WNW	West/South
6/27/24 6:00	11.43	8.20	14.40	10.18	14.40	9.82	4.59	6.05	-	1.33	2.98	E	North/East
6/27/24 7:00	11.52	7.70	11.00	9.59	11.00	9.61	1.39	3.28	2.99	1.50	3.36	E	North/East
6/27/24 8:00	12.31	8.09	11.10	9.76	11.10	10.20	0.90	2.77	1.15	1.57	3.51	E	North/East
6/27/24 9:00	13.23	8.15	11.30	10.01	11.30	10.69	0.61	2.81	0.76	1.72	3.85	ESE	North/East
6/27/24 10:00	13.54	9.53	11.40	10.99	11.40	11.54	-0.14	1.81	0.24	2.21	4.94	E	North/East
6/27/24 11:00	13.67	9.26	12.30	11.20	12.30	11.47	0.84	1.86	0.35	2.02	4.52	E	North/East
6/27/24 12:00	12.77	9.40	12.00	10.33	12.00	11.09	0.91	1.17	0.88	1.92	4.29	E	North/East
6/27/24 13:00	9.98	6.92	9.00	8.55	9.98	8.78	1.21	-1.84	1.06	2.93	6.55	WNW	West/South
6/27/24 14:00	9.43	5.99	8.50	7.73	9.43	8.12	1.32	-2.25	1.26	3.08	6.89	WNW	West/South