

AIBP Early Action Perimeter Air Monitoring with DTSC's Calculations (February 24 and February 27, 2025)

Date/Time	North Station PM10 (µg/m3)	East Station PM10 (µg/m3)	West Station PM10 (µg/m3)	South Station PM10 (µg/m3)	Downwind (µg/m3)	Upwind (µg/m3)	Delta (Downwind - Upwind) DTSC Calculated (µg/m3)	Delta Rolling Average (N,S,E,W) Boeing Calculated (µg/m3)	Delta Rolling 2-hour Average (Downwind - Upwind) DTSC Calculated (µg/m3)	Wind Speed Hourly Avg (m/s)	Wind Speed Hourly Avg (mph)	Wind Direction (Cardinal)	Upwind Stations
2/24/2025 13:00	1.88	1.37	1.68	2.09	1.88	1.89	0.00	0.87	-	2.25	5.03	W	West/South
2/24/2025 14:00	3.46	1.92	2.21	3.53	3.46	2.87	0.59	2.56	0.29	3.14	7.02	W	West/South
2/24/2025 15:00	3.05	2.62	2.95	3.32	3.32	2.84	0.49	0.68	0.54	4.07	9.10	NW	North/East
2/24/2025 16:00	2.54	2.24	2.61	2.73	2.73	2.39	0.34	0.00	0.41	4.70	10.51	NNW	North/East
2/25/2025 7:00	0.12	NM	1.84	1.18	1.84	0.12	1.72	NC	-	3.21	7.18	NNE	North/East
2/25/2025 8:00	NM	0.27	1.00	1.09	1.09	0.27	0.82	NC	1.27	2.93	6.55	N	North/East
2/25/2025 9:00	0.79	0.49	0.88	0.81	0.88	0.64	0.24	0.48	0.53	3.04	6.80	NNE	North/East
2/25/2025 10:00	1.25	0.46	0.63	0.67	0.67	0.86	-0.19	1.01	0.03	2.51	5.61	NE	North/East
2/25/2025 11:00	0.46	0.40	0.50	0.71	0.71	0.43	0.28	0.43	0.05	2.50	5.59	NNE	North/East
2/25/2025 12:00	0.55	0.36	0.52	1.06	0.55	0.79	-0.24	0.79	0.02	1.86	4.16	W	West/South
2/25/2025 13:00	1.46	0.81	0.87	1.66	1.46	1.27	0.20	1.53	-0.02	2.42	5.41	W	West/South
2/25/2025 14:00	0.73	0.62	0.71	1.14	0.73	0.93	-0.20	0.75	0.00	2.72	6.08	WNW	West/South
2/25/2025 15:00	1.70	1.57	1.96	2.39	1.70	2.18	-0.48	0.58	-0.34	2.99	6.69	WNW	West/South
2/26/2025 13:00	0.52	0.05	1.57	1.77	1.77	0.29	1.49	3.39	-	3.95	8.84	NNE	North/East
2/26/2025 14:00	5.08	0.67	0.86	2.89	2.89	2.88	0.02	0.74	0.75	3.00	6.71	NE	North/East
2/26/2025 15:00	0.68	0.75	1.30	1.91	1.91	0.72	1.20	1.68	0.61	3.14	7.02	ENE	North/East
2/26/2025 16:00	0.00	0.96	0.80	1.13	1.13	0.48	0.65	0.06	0.92	3.60	8.05	NE	North/East
2/27/2025 7:00	1.97	0.62	2.59	1.75	2.59	1.30	1.30	1.13	-	1.17	2.62	ENE	North/East
2/27/2025 8:00	0.90	0.35	0.75	1.00	1.00	0.63	0.38	0.78	0.84	2.56	5.73	NNE	North/East
2/27/2025 9:00	2.03	0.68	0.86	1.07	1.07	1.36	-0.29	1.58	0.05	2.02	4.52	ENE	North/East
2/27/2025 10:00	1.17	0.62	0.30	0.70	0.70	0.90	-0.20	0.58	-0.24	3.47	7.76	NE	North/East
2/27/2025 11:00	1.39	0.87	0.45	0.75	0.75	1.13	-0.38	0.52	-0.29	3.82	8.55	NE	North/East
2/27/2025 12:00	1.53	1.05	0.73	1.38	1.38	1.29	0.09	0.68	-0.15	4.46	9.98	NE	North/East
2/27/2025 13:00	1.44	0.95	0.69	1.32	1.32	1.20	0.13	0.63	0.11	4.15	9.28	NE	North/East
2/27/2025 14:00	1.17	0.82	0.53	1.02	1.02	1.00	0.03	0.44	0.08	3.83	8.57	NE	North/East
2/27/2025 15:00	0.87	0.43	0.45	0.62	0.62	0.65	-0.03	0.50	0.00	2.64	5.91	NE	North/East

Highest Delta DTSC	Highest Delta Boeing
1.72	3.39