

AIBP Early Action Perimeter Air Monitoring with DTSC’s Calculations (March 17 through March 19, 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
3/17/2025 9:00	8.36	7.87	7.91	8.38	8.38	8.12	0.27	0.73	-	1.60	3.58	NW	North/East
3/17/2025 10:00	8.25	7.43	7.61	8.02	8.02	7.84	0.18	0.68	0.22	1.60	3.58	NW	North/East
3/17/2025 11:00	8.17	6.55	6.43	6.98	8.17	6.71	1.47	1.74	0.82	2.62	5.86	WSW	West/South
3/17/2025 12:00	5.53	3.96	3.53	4.25	5.53	3.89	1.64	2.30	1.55	4.34	9.71	WSW	West/South
3/17/2025 13:00	1.28	1.43	0.85	0.96	1.43	0.91	0.53	0.78	1.08	4.17	9.33	WSW	West/South
3/17/2025 14:00	NM	0.48	NM	NM	0.48	NC	NC	NC	NC	6.96	15.57	WSW	West/South
3/18/2025 7:00	2.86	1.01	5.02	1.87	2.86	3.45	-0.59	3.08	-	1.15	2.57	SE	West/South
3/18/2025 8:00	0.61	0.49	1.39	0.77	1.39	0.55	0.84	0.41	0.13	1.82	4.07	NNE	North/East
3/18/2025 9:00	0.16	0.85	0.26	0.53	0.85	0.40	0.46	0.47	0.65	1.80	4.03	W	West/South
3/18/2025 10:00	0.54	0.88	0.47	0.71	0.88	0.59	0.29	0.38	0.37	1.77	3.96	W	West/South
3/18/2025 11:00	0.43	0.78	0.07	0.48	0.48	0.61	-0.13	0.06	0.08	1.90	4.25	NNE	North/East
3/18/2025 12:00	1.25	0.55	3.35	0.11	3.35	0.90	2.45	4.04	1.16	2.20	4.92	ENE	North/East
3/18/2025 13:00	0.53	0.50	0.13	0.13	0.13	0.52	-0.39	0.04	1.03	2.20	4.92	ENE	North/East
3/18/2025 14:00	2.01	0.75	0.46	0.48	0.48	1.38	-0.90	1.30	-0.64	2.20	4.92	ENE	North/East
3/19/2025 7:00	0.03	0.06	0.98	0.67	0.98	0.05	0.94	1.04	-	1.96	4.38	NNE	North/East
3/19/2025 8:00	0.19	0.66	0.15	0.71	0.71	0.43	0.29	0.30	0.61	2.24	5.01	N	North/East
3/19/2025 9:00	1.18	0.88	1.45	0.77	1.45	1.03	0.42	0.93	0.35	1.96	4.38	E	North/East
3/19/2025 10:00	1.66	1.26	0.97	0.60	0.97	1.46	-0.49	0.41	-0.04	3.31	7.40	E	North/East
3/19/2025 11:00	1.84	1.39	1.40	0.80	1.40	1.62	-0.22	0.66	-0.35	2.40	5.37	E	North/East

Highest Delta DTSC	Highest Delta Boeing
2.45	4.04