

AIBP Early Action Perimeter Air Monitoring with DTSC's Calculations (February 17 and February 18, 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
2/17/2025 8:00	2.91	2.15	3.80	3.36	3.80	2.53	1.27	1.91	-	1.25	2.80	ESE	North/East
2/17/2025 9:00	1.68	2.20	2.13	2.56	2.20	2.35	-0.15	0.05	0.56	1.30	2.91	SE	West/South
2/17/2025 10:00	2.08	2.13	1.98	2.30	2.13	2.14	-0.01	0.06	-0.08	1.56	3.49	SSE	West/South
2/17/2025 11:00	2.09	1.95	1.81	1.94	2.09	1.88	0.22	0.34	0.10	1.87	4.18	S	West/South
2/17/2025 12:00	2.81	2.84	2.99	2.87	2.84	2.93	-0.09	0.05	0.06	2.22	4.97	WNW	West/South
2/17/2025 13:00	3.20	3.07	3.22	3.22	3.20	3.22	-0.02	0.26	-0.06	2.59	5.79	WNW	West/South
2/17/2025 14:00	3.50	2.90	3.12	3.07	3.50	3.10	0.41	0.63	0.19	2.21	4.94	WNW	West/South
2/18/2025 9:00	0.34	0.78	0.92	1.75	1.75	0.56	1.19	1.09	-	2.19	4.90	NE	North/East
2/18/2025 10:00	0.93	0.84	0.94	1.81	1.81	0.89	0.93	1.28	1.06	3.90	8.72	NE	North/East

Highest Delta DTSC	Highest Delta Boeing
1.27	1.91