

AIBP Early Action Perimeter Air Monitoring with DTSC's Calculations (October 07 through October 10, 2024)

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
10/7/2024 0:00	3.08	2.04	3.76	2.75	3.76	2.56	1.20	2.33	-	1.32	2.95	NE	North/East
10/7/2024 1:00	3.02	1.78	3.33	3.30	3.33	2.40	0.93	2.20	1.07	1.47	3.29	NE	North/East
10/7/2024 2:00	2.98	1.95	3.69	3.83	3.83	2.47	1.37	2.56	1.15	1.37	3.06	NE	North/East
10/7/2024 3:00	3.94	2.18	3.81	3.36	3.81	3.06	0.75	2.28	1.06	1.34	3.00	NE	North/East
10/7/2024 4:00	8.05	5.48	7.03	7.41	7.41	6.77	0.65	2.56	0.70	1.43	3.20	NE	North/East
10/7/2024 5:00	9.45	8.45	10.05	9.11	10.05	8.95	1.10	2.11	0.87	1.55	3.47	NE	North/East
10/7/2024 6:00	8.47	7.81	8.75	8.91	8.91	8.14	0.77	1.56	0.94	1.24	2.77	NE	North/East
10/7/2024 7:00	7.49	7.03	8.33	7.80	8.33	7.26	1.07	1.62	0.92	1.10	2.46	ENE	North/East
10/7/2024 8:00	6.06	5.55	6.64	6.02	6.06	6.33	-0.27	0.61	0.40	1.24	2.77	S	West/South
10/8/2024 0:00	4.38	3.17	4.90	4.99	4.99	3.78	1.22	2.54	-	1.14	2.55	ENE	North/East
10/8/2024 1:00	2.73	2.31	4.66	3.85	4.66	2.52	2.14	2.81	1.68	1.45	3.24	NE	North/East
10/8/2024 2:00	3.75	2.83	4.19	3.83	4.19	3.29	0.90	1.62	1.52	1.39	3.11	NE	North/East
10/8/2024 3:00	4.27	3.81	4.95	4.41	4.95	4.04	0.91	1.46	0.91	1.44	3.22	NE	North/East
10/8/2024 4:00	4.36	3.64	5.02	4.53	5.02	4.00	1.02	1.60	0.97	1.48	3.31	NE	North/East
10/8/2024 5:00	5.19	3.54	4.22	4.20	4.22	4.37	-0.15	2.35	0.44	1.29	2.89	NE	North/East
10/8/2024 6:00	2.98	2.96	3.73	3.50	3.73	2.97	0.76	1.04	0.31	1.17	2.62	ENE	North/East
10/8/2024 7:00	3.68	3.03	3.98	3.65	3.98	3.36	0.63	1.14	0.69	1.43	3.20	ENE	North/East
10/8/2024 8:00	3.82	3.87	7.40	4.00	7.40	3.85	3.56	3.68	2.09	2.91	6.51	E	North/East
10/9/2024 0:00	5.01	4.81	7.18	6.33	7.18	4.91	2.27	2.43	-	1.29	2.89	ENE	North/East
10/9/2024 1:00	4.03	3.61	5.62	5.69	5.69	3.82	1.87	2.55	2.07	1.16	2.59	ENE	North/East
10/9/2024 2:00	3.88	3.47	5.08	5.23	5.23	3.68	1.56	2.02	1.71	1.47	3.29	ENE	North/East
10/9/2024 3:00	3.09	2.66	4.13	3.88	4.13	2.88	1.26	1.92	1.41	1.32	2.95	NE	North/East
10/9/2024 4:00	4.16	2.47	4.32	3.30	4.32	3.32	1.01	2.63	1.13	1.43	3.20	NE	North/East
10/9/2024 5:00	13.03	2.43	4.88	3.26	4.88	7.73	-2.85	10.74	-0.92	1.45	3.24	NE	North/East
10/9/2024 6:00	6.78	4.10	7.09	5.50	7.09	5.44	1.65	4.18	-0.60	1.05	2.35	NE	North/East
10/9/2024 7:00	5.37	4.31	6.05	5.52	6.05	4.84	1.21	2.00	1.43	0.89	1.99	ENE	North/East
10/10/2024 5:00	30.48	31.69	30.38	28.66	30.38	31.09	-0.71	-1.69	-	0.88	1.97	ENE	North/East
10/10/2024 6:00	16.19	15.28	18.15	17.72	18.15	15.74	2.42	3.11	0.85	1.03	2.30	ENE	North/East
10/10/2024 7:00	25.43	14.08	16.00	14.80	16.00	19.76	-3.76	11.80	-0.67	2.54	5.68	E	North/East
10/10/2024 8:00	13.13	10.03	12.01	10.50	12.01	11.58	0.43	3.66	-1.66	2.85	6.38	ESE	North/East
10/10/2024 9:00	12.56	10.59	11.80	11.23	11.80	11.58	0.23	2.20	0.33	2.36	5.28	ESE	North/East
10/10/2024 10:00	8.22	7.18	9.44	6.79	9.44	7.70	1.74	2.80	0.98	2.15	4.81	E	North/East
10/10/2024 11:00	10.85	9.82	11.57	10.26	11.57	10.34	1.24	2.26	1.49	1.87	4.18	E	North/East
10/10/2024 12:00	9.26	8.85	9.24	8.65	9.24	9.06	0.19	1.09	0.71	1.78	3.98	E	North/East