

**AIBP Early Action Perimeter Air Monitoring with DTSC's Calculations (August 12 through August 14, 2024)**

<b>Date/Time</b>	<b>North Station PM10 (µg/m3)</b>	<b>East Station PM10 (µg/m3)</b>	<b>West Station PM10 (µg/m3)</b>	<b>South Station PM10 (µg/m3)</b>	<b>Downwind (µg/m3)</b>	<b>Upwind (µg/m3)</b>	<b>Delta (Downwind - Upwind) DTSC Calculated (µg/m3)</b>	<b>Delta Rolling Average (N,S,E,W) Boeing Calculated (µg/m3)</b>	<b>Delta Rolling 2-hour Average (Downwind - Upwind) DTSC Calculated (µg/m3)</b>	<b>Wind Speed Hourly Avg (m/s)</b>	<b>Wind Speed Hourly Avg (mph)</b>	<b>Wind Direction (Cardinal)</b>	<b>Upwind Stations</b>
8/12/2024 6:00	14.89	13.18	14.29	13.35	14.89	13.82	1.07	2.51	-	1.64	3.67	E	West/South
8/12/2024 7:00	12.74	9.80	10.41	9.89	12.74	10.15	2.59	0.77	1.83	2.86	6.40	E	West/South
8/12/2024 8:00	8.29	6.33	6.27	6.85	8.29	6.56	1.73	1.92	2.16	2.83	6.33	SE	West/South
8/12/2024 9:00	8.64	7.74	7.52	7.91	8.64	7.72	0.93	0.81	1.33	2.45	5.48	SE	West/South
8/12/2024 10:00	11.07	7.47	7.21	7.81	11.07	7.51	3.56	3.59	2.24	2.19	4.90	SE	West/South
8/12/2024 11:00	8.91	5.67	5.58	5.84	8.91	5.71	3.20	3.35	3.38	2.17	4.85	S	West/South
8/12/2024 12:00	6.01	5.55	5.54	5.50	6.01	5.52	0.49	0.70	1.85	2.33	5.21	ESE	West/South
8/12/2024 13:00	5.47	5.27	5.69	5.63	5.47	5.66	-0.19	0.46	0.15	2.09	4.68	SSE	West/South
8/12/2024 14:00	8.51	7.48	7.46	7.96	8.51	7.71	0.80	1.67	0.31	2.71	6.06	WNW	West/South
8/13/2024 6:00	7.17	0.00	7.15	8.00	7.17	7.58	-0.41	0.83	-	0.99	2.21	E	West/South
8/13/2024 7:00	8.39	0.00	7.99	8.01	8.39	8.00	0.39	-0.03	-0.01	1.90	4.25	E	West/South
8/13/2024 8:00	6.65	0.00	6.59	6.63	6.65	6.61	0.04	0.40	0.22	2.39	5.35	E	West/South
8/13/2024 9:00	6.99	0.00	6.14	6.68	6.99	6.41	0.58	-0.27	0.31	2.44	5.46	E	West/South
8/13/2024 10:00	7.04	0.00	6.88	6.93	7.04	6.91	0.14	0.57	0.36	2.05	4.59	ESE	West/South
8/13/2024 11:00	6.70	0.00	6.40	6.51	6.70	6.46	0.25	0.32	0.19	1.96	4.38	ESE	West/South
8/13/2024 12:00	7.90	0.00	7.85	8.76	7.90	8.31	-0.40	0.83	-0.08	2.50	5.59	W	West/South
8/14/2024 5:00	8.71	6.04	6.22	6.90	8.71	6.56	2.15	3.19	-	1.05	2.35	ENE	West/South
8/14/2024 6:00	7.05	6.77	6.72	7.38	7.05	7.05	0.00	0.96	1.08	1.17	2.62	ENE	West/South
8/14/2024 7:00	8.07	6.44	6.57	7.11	8.07	6.84	1.23	1.85	0.62	2.01	4.50	E	West/South
8/14/2024 8:00	6.80	5.88	6.12	6.59	6.80	6.36	0.44	1.01	0.84	1.84	4.12	E	West/South
8/14/2024 9:00	6.18	5.61	5.29	6.32	6.18	5.81	0.38	0.81	0.41	1.78	3.98	E	West/South
8/14/2024 10:00	6.92	6.36	6.04	6.89	6.92	6.47	0.46	0.81	0.42	1.81	4.05	E	West/South
8/14/2024 11:00	8.45	7.40	7.27	8.28	8.45	7.78	0.68	1.74	0.57	2.32	5.19	WNW	West/South
8/14/2024 12:00	7.92	7.39	7.08	8.17	7.92	7.63	0.30	1.56	0.49	2.73	6.11	WNW	West/South