

## AIBP Early Action Perimeter Air Monitoring

Date/Time	Upwind/Downwind Delta (PM10 $\mu\text{g}/\text{m}^3$ )	Wind Speed Hourly Avg (m/s)	Wind Direction (Cardinal)	North PM10 ( $\mu\text{g}/\text{m}^3$ )	South PM10 ( $\mu\text{g}/\text{m}^3$ )	East PM10 ( $\mu\text{g}/\text{m}^3$ )	West PM10 ( $\mu\text{g}/\text{m}^3$ )
7/22/24 6:00	-1.15	0.87	NE	4.16	5.88	7.10	4.74
7/22/24 7:00	0.55	1.34	ESE	5.40	5.37	5.04	5.13
7/22/24 8:00	0.48	1.47	ESE	5.33	5.19	5.05	5.08
7/22/24 9:00	0.28	1.47	SSE	5.16	5.30	5.15	5.17
7/22/24 10:00	0.34	1.74	NW	4.92	5.49	5.03	5.27
7/22/24 11:00	0.43	2.64	WNW	6.17	6.42	5.60	5.97
7/22/24 12:00	1.25	3.26	WNW	6.02	6.34	5.30	5.44
7/22/24 13:00	1.02	3.14	WNW	4.06	4.44	3.76	3.62
7/22/24 14:00	1.18	3.28	WNW	4.04	4.75	3.80	3.68
7/23/24 6:00	-0.02	0.82	ESE	5.25	5.66	5.90	5.38
7/23/24 7:00	1.03	1.13	S	6.21	5.31	5.37	5.19
7/23/24 8:00	0.44	2.00	E	6.36	6.15	6.04	5.66
7/23/24 9:00	0.21	1.44	ESE	5.99	6.11	6.15	5.84
7/23/24 10:00	0.60	1.83	NNW	6.56	6.35	6.23	6.17
7/23/24 11:00	1.81	2.57	NW	5.96	6.22	5.27	5.21
7/23/24 12:00	1.49	2.78	NW	5.20	5.91	4.85	4.69
7/23/24 13:00	1.83	2.93	NW	4.85	4.54	3.66	3.63
7/23/24 14:00	0.82	2.91	WNW	3.97	3.85	3.59	3.45
7/24/24 6:00	-0.51	0.52	NE	5.46	6.26	6.94	5.73
7/24/24 7:00	0.29	0.94	E	4.28	4.23	4.26	4.32
7/24/24 8:00	0.87	1.34	SSE	5.11	5.06	4.73	4.55
7/24/24 9:00	0.22	1.60	SE	5.35	5.44	5.60	5.44
7/24/24 10:00	0.13	1.89	W	4.68	5.05	5.02	5.08
7/24/24 11:00	0.39	2.76	NW	4.81	5.01	4.58	4.75
7/24/24 12:00	1.07	3.50	NW	5.86	7.04	5.76	5.97
7/24/24 13:00	1.02	3.16	NW	6.75	7.90	7.22	7.02
7/24/24 14:00	0.93	3.00	WNW	6.20	6.75	6.12	6.16
7/25/24 6:00	0.72	0.99	ENE	9.15	9.82	9.88	9.81
7/25/24 7:00	1.04	1.42	E	8.99	8.62	8.20	8.79
7/25/24 8:00	0.70	1.24	SE	9.11	9.24	8.57	8.66
7/25/24 9:00	0.78	1.48	SSE	10.88	10.85	10.17	10.63
7/25/24 10:00	0.46	1.86	S	9.24	9.81	9.00	9.63
7/25/24 11:00	0.64	2.29	W	9.48	9.95	8.68	9.45
7/25/24 12:00	0.72	2.64	NW	7.85	8.50	7.27	7.81
7/25/24 13:00	0.63	2.79	WNW	7.05	7.15	6.23	6.84
7/25/24 14:00	0.95	3.88	NW	6.58	7.41	6.00	6.43

**Notes:**

Time Zone: (UTC-08:00) Pacific Time (Los Angeles)

North, south, east and west PM values are an average over an hour.

Upwind/downwind delta is a rolling average for the hour and utilizes all four locations.