

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 ($\mu\text{g}/\text{m}^3$)
7/15/24 6:00	1.20	1.40	E	7.24	7.93	7.02	8.09
7/15/24 7:00	0.69	1.80	E	8.08	7.92	7.66	8.01
7/15/24 8:00	0.73	1.33	SSE	8.10	7.52	7.22	7.47
7/15/24 9:00	0.92	1.67	SSE	8.52	8.25	7.68	7.62
7/15/24 10:00	0.57	2.27	E	9.30	9.53	9.28	9.47
7/15/24 11:00	0.88	2.53	NW	8.45	8.68	8.34	8.17
7/15/24 12:00	0.79	3.11	NW	6.54	6.82	6.63	6.30
7/15/24 13:00	0.42	2.70	NW	5.56	5.97	5.64	5.53
7/15/24 14:00	0.61	3.01	WNW	5.16	5.71	5.34	5.20
7/16/24 6:00	1.65	1.58	E	4.98	5.91	5.32	6.95
7/16/24 7:00	1.05	2.07	E	5.23	5.64	5.18	6.21
7/16/24 8:00	1.39	2.57	E	5.73	5.71	5.34	6.67
7/16/24 9:00	1.01	1.87	ESE	6.04	5.37	5.13	5.83
7/16/24 10:00	1.01	1.82	ESE	6.25	5.41	5.28	5.39
7/16/24 11:00	0.48	2.18	WSW	5.74	5.86	5.54	5.67
7/16/24 12:00	1.16	2.85	WNW	5.72	5.78	5.32	5.28
7/16/24 13:00	0.39	2.99	WNW	4.63	4.88	4.78	4.56
7/16/24 14:00	0.35	3.06	WNW	4.29	4.22	4.28	4.17
7/17/24 6:00	1.41	1.83	ENE	5.20	6.32	5.54	6.89
7/17/24 7:00	0.77	2.03	E	5.28	5.77	5.14	5.75
7/17/24 8:00	0.40	1.79	E	4.68	4.70	4.50	4.85
7/17/24 9:00	0.78	1.52	SE	5.69	4.43	4.01	4.43
7/17/24 10:00	0.50	1.70	ENE	5.73	5.29	5.31	5.07
7/17/24 11:00	0.74	1.54	E	6.02	5.65	5.21	5.58
7/17/24 12:00	1.08	2.56	NW	5.66	6.73	5.66	5.52
7/17/24 13:00	0.91	3.24	NW	5.33	6.15	5.57	5.35
7/17/24 14:00	1.09	2.58	WNW	5.49	6.05	5.48	5.18
7/18/24 6:00	1.23	1.54	E	4.83	5.53	5.18	6.40
7/18/24 7:00	0.51	1.79	ESE	5.06	5.19	4.91	5.29
7/18/24 8:00	1.22	2.04	E	6.56	5.69	5.34	5.83
7/18/24 9:00	0.78	1.72	E	7.33	6.92	6.65	6.72
7/18/24 10:00	0.56	2.00	E	7.48	7.45	7.22	7.28
7/18/24 11:00	0.31	2.22	E	7.44	7.83	7.64	7.67
7/18/24 12:00	1.00	2.73	NW	7.49	8.79	7.93	7.93
7/18/24 13:00	1.93	3.48	NW	7.30	9.67	8.35	7.83
7/18/24 14:00	1.43	3.18	NW	7.77	8.78	8.25	7.74

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.