

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 ($\mu\text{g}/\text{m}^3$)
7/8/24 6:00	0.34	0.69	E	9.98	9.18	10.18	10.19
7/8/24 7:00	0.74	1.09	SSW	9.51	8.24	9.05	9.21
7/8/24 8:00	1.34	1.33	SSE	10.01	8.27	9.22	8.77
7/8/24 9:00	0.47	1.53	SSE	10.31	9.46	10.63	10.07
7/8/24 10:00	0.02	1.64	E	10.19	9.52	10.74	9.84
7/8/24 11:00	0.50	1.83	NW	8.67	9.11	9.31	8.77
7/8/24 12:00	2.89	2.21	NW	6.51	9.43	6.97	6.36
7/8/24 13:00	0.98	2.63	E	8.71	9.61	8.79	8.40
7/8/24 14:00	1.43	2.59	NNW	5.21	6.51	5.88	5.31
7/9/24 5:00	4.43	0.92	NE	8.68	10.29	8.33	12.73
7/9/24 6:00	0.50	0.63	ENE	8.20	8.74	8.52	8.16
7/9/24 7:00	0.63	0.93	SSE	7.27	6.84	7.21	6.52
7/9/24 8:00	0.56	1.33	SE	7.42	7.07	6.58	6.30
7/9/24 9:00	0.41	1.63	S	8.12	7.78	7.90	7.24
7/9/24 10:00	0.31	1.63	ESE	8.08	8.72	8.32	7.91
7/9/24 11:00	0.55	2.16	E	8.93	9.43	9.13	9.27
7/9/24 12:00	1.30	1.90	E	10.67	10.74	10.14	10.70
7/9/24 13:00	1.59	2.92	NW	6.39	7.54	5.99	6.12
7/9/24 14:00	1.04	3.52	NNW	5.67	6.93	5.75	5.96
7/10/24 6:00	0.17	2.55	W	7.67	7.98	6.93	8.33
7/10/24 7:00	1.16	1.56	E	9.55	9.17	8.52	9.03
7/10/24 8:00	0.72	1.69	ESE	10.75	10.87	10.84	10.57
7/10/24 9:00	0.60	1.66	E	11.02	11.39	11.24	11.38
7/10/24 10:00	0.65	1.78	E	10.76	11.55	11.07	11.57
7/10/24 11:00	1.02	1.95	E	10.93	11.25	10.53	11.34
7/10/24 12:00	1.33	2.33	NW	9.50	9.87	8.53	8.92
7/10/24 13:00	1.23	3.36	NW	8.62	9.27	8.02	8.08
7/10/24 14:00	1.15	3.46	NNW	7.95	8.92	7.86	7.74
7/11/24 6:00	0.65	1.29	E	10.23	10.46	9.96	10.23
7/11/24 7:00	1.43	1.61	E	11.10	10.11	9.84	10.17
7/11/24 8:00	1.76	2.77	E	11.16	9.85	9.42	9.90
7/11/24 9:00	0.63	2.26	E	11.41	11.11	10.95	10.58
7/11/24 10:00	0.72	2.72	E	13.09	13.73	13.26	13.28
7/11/24 11:00	1.67	1.73	NNW	11.89	12.28	11.72	11.15
7/11/24 12:00	0.95	1.73	NE	9.60	10.65	10.00	10.22
7/11/24 13:00	1.22	2.76	WNW	10.02	10.44	9.88	9.37

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.