

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 ($\mu\text{g}/\text{m}^3$)
2/17/25 8:00	1.91	1.25	ESE	2.91	3.36	2.15	3.80
2/17/25 9:00	0.05	1.3	SE	1.68	2.56	2.20	2.13
2/17/25 10:00	0.06	1.56	SSE	2.08	2.30	2.13	1.98
2/17/25 11:00	0.34	1.87	S	2.09	1.94	1.95	1.81
2/17/25 12:00	0.05	2.22	WNW	2.81	2.87	2.84	2.99
2/17/25 13:00	0.26	2.59	WNW	3.20	3.22	3.07	3.22
2/17/25 14:00	0.63	2.21	WNW	3.50	3.07	2.90	3.12
2/18/25 9:00	1.09	2.19	NE	0.34	1.75	0.78	0.92
2/18/25 10:00	1.28	3.9	NE	0.93	1.81	0.84	0.94

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.