

## 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 ( $\mu\text{g}/\text{m}^3$ )
12/16/24 8:00	1.23	0.85	SE	0.63	1.20	0.52	2.00
12/16/24 9:00	0.76	1.68	WSW	1.15	1.23	0.47	1.13
12/16/24 10:00	0.70	1.54	NW	1.44	1.07	0.59	1.02
12/16/24 11:00	1.15	2.60	WNW	2.00	1.31	1.06	1.07
12/16/24 12:00	0.81	1.57	WNW	1.35	1.23	0.80	0.85
12/16/24 13:00	0.71	2.32	WNW	1.19	1.22	0.78	0.80
12/16/24 14:00	0.96	2.49	WNW	1.93	1.89	1.23	1.33
12/17/24 8:00	1.08	2.96	NE	-0.17	0.76	0.28	1.36
12/17/24 9:00	0.86	2.84	NE	0.11	0.89	0.39	1.20
12/17/24 10:00	0.78	3.37	NNE	1.06	0.83	0.62	1.15
12/17/24 11:00	0.45	5.01	NNE	1.03	1.05	0.84	0.98
12/17/24 12:00	0.53	6.77	NNE	1.19	1.02	0.85	1.03
12/17/24 13:00	1.85	5.55	NE	1.30	2.50	0.82	1.14
12/17/24 14:00	0.59	5.26	NE	1.13	1.18	0.80	1.01
12/17/24 15:00	0.59	4.41	NE	1.24	0.98	0.71	1.00
12/19/24 8:00	0.25	1.82	NNW	-0.16	0.87	0.32	0.96
12/19/24 9:00	0.40	1.37	NNW	0.50	0.55	0.17	0.93
12/19/24 10:00	0.56	1.31	S	0.72	0.44	0.40	0.88

**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.