

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 ($\mu\text{g}/\text{m}^3$)
1/20/25 8:00	2.50	6.63	NE	1.29	1.74	0.62	3.04
1/22/25 8:00	NC	2.63	NNE	NM	0.64	NM	0.93
1/22/25 9:00	NC	5.47	NNE	NM	1.50	0.58	1.00
1/22/25 10:00	0.93	6.32	NNE	0.07	1.31	0.38	0.70
1/22/25 11:00	1.05	7.62	NE	0.19	1.31	0.27	0.46
1/22/25 12:00	0.31	5.93	NNE	0.41	0.81	0.53	0.41

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.

NM - hourly averages were collected and recorded at low levels but the data has some uncertainty associated with it.

NC - the upwind and downwind calculation were calculated but there is some uncertainty with it due to the uncertainty associated with the hourly averages for the upwind and/or downwind data.