

AIBP Early Action Perimeter Air Monitoring

Date/Time	Upwind/Downwind Delta (PM10 µg/m ³)	Wind Speed Hourly Avg (m/s)	Wind Direction (Cardinal)	North PM10 (µg/m ³)	South PM10 (µg/m ³)	East PM10 (µg/m ³)	West PM10 (µg/m ³)
3/3/25 9:00	-0.51	1.99	WNW	1.10	1.17	1.13	2.11
3/3/25 10:00	-0.03	2.21	W	0.58	0.91	1.12	1.40
3/3/25 11:00	0.01	2.53	W	0.91	0.95	1.16	1.27
3/3/25 12:00	0.63	3.31	W	0.95	1.77	0.96	1.27
3/3/25 13:00	0.31	2.57	W	1.28	1.53	1.26	1.39
3/3/25 14:00	0.32	2.13	W	1.16	1.08	1.15	1.04
3/3/25 15:00	0.54	2.16	W	1.82	1.46	1.52	1.21
3/4/25 7:00	1.72	3.2	ESE	8.06	8.72	7.06	23.70
3/4/25 8:00	NC	3.01	ESE	7.42	7.40	6.66	12.74
3/4/25 9:00	1.93	2.34	ESE	6.45	6.66	6.41	8.32
3/4/25 10:00	0.70	1.54	SE	6.20	6.24	5.75	6.75
3/4/25 11:00	0.72	1.84	SW	5.63	5.20	4.63	5.13
3/4/25 12:00	0.86	1.58	W	4.75	4.05	3.72	3.93
3/4/25 13:00	1.24	1.9	W	5.20	4.06	3.95	3.92
3/4/25 14:00	1.13	2.91	W	5.77	4.95	4.93	4.80
3/4/25 15:00	1.55	4.41	WNW	8.53	8.27	6.91	7.22
3/5/25 7:00	NC	1.27	ESE	NM	22.35	19.80	25.92
3/5/25 8:00	NC	2.2	ESE	NM	15.86	14.12	18.14
3/5/25 9:00	NC	1.8	ESE	NM	11.67	9.54	12.50

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 - There were issues with the North station and therefore data was not collected.

NC - the upwind and downwind calculation could not be calculated due to the issues with the North station or these was not enough valid data to be able to calculate the delta.