



# SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT ANNOUNCEMENTS

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**FOR IMMEDIATE RELEASE:** July 2, 2025

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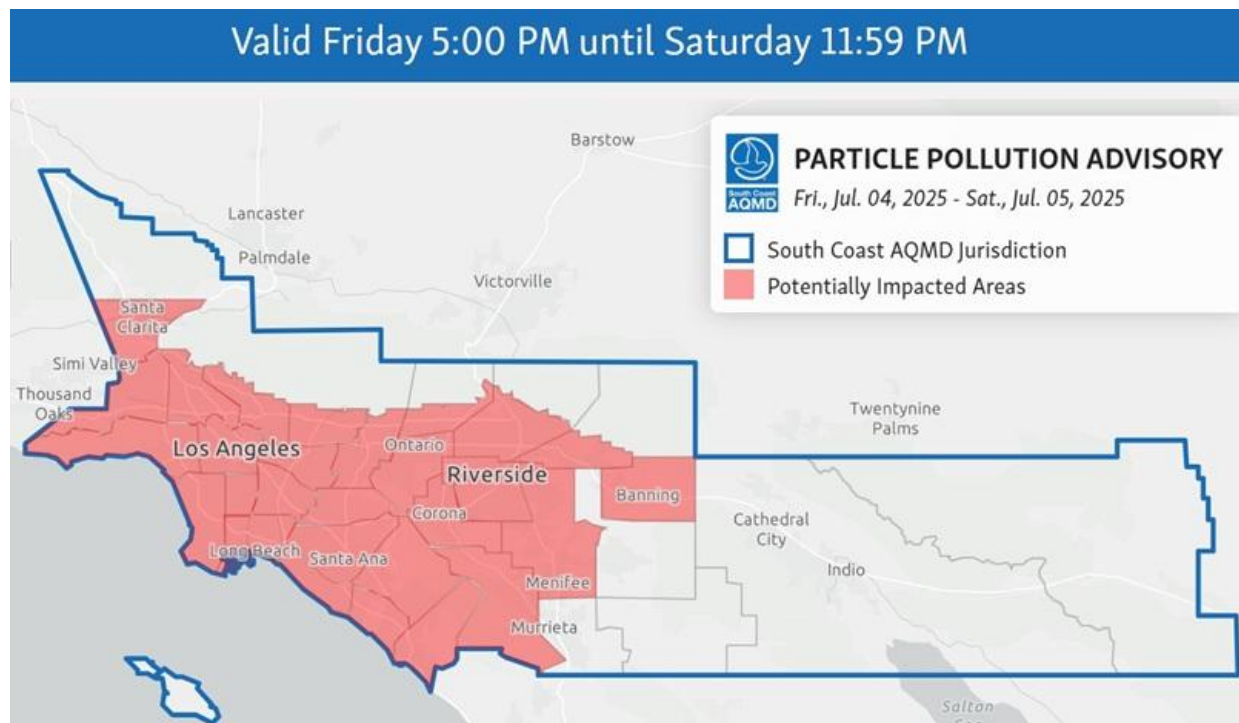
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## Particle Advisory due to 4th of July Fireworks

*Valid until Saturday 11:59 PM*



### Forecasted Air Quality Impacts

Independence Day fireworks are expected to cause poor air quality throughout most of Los Angeles and Orange Counties and the Inland Empire. The Air Quality Index (AQI) may reach the **Hazardous** category from the evening of Friday, July 4th through the early afternoon on Saturday, July 5th due to particle pollution (PM<sub>2.5</sub>) from fireworks.

### Additional Information

- Fireworks release high levels of particle pollution (PM2.5 and PM10) and air toxic metals, with July 4th and July 5th typically having among the highest particle pollution levels every year in the South Coast Air Basin
- Breathing of particle pollution (PM2.5 and PM10) can lead to a wide variety of cardiovascular and respiratory health effects such as heart attacks, asthma aggravation, decreased lung function, coughing, or difficulty breathing and may lead to premature death in people with heart or lung disease
- Personal “backyard” fireworks may lead to localized spikes in particle pollution levels and may spark wildfires, which can be a major source of particle pollution
- The smoke and combustion products from fireworks add to the particles already present in the Basin that are primarily caused by transportation and industrial emissions
- Visit the South Coast AQMD [Independence Day Fireworks Air Quality Assessment page](#) for additional information about Independence Day fireworks

To view current air quality in your neighborhood, download the [South Coast AQMD app](#) or visit [www.aqmd.gov/AQImap](http://www.aqmd.gov/AQImap).

#### Detailed Forecast

July 4th Evening	Light winds and increased emissions from fireworks are expected in the South Coast Air Basin after dusk, increasing pollutant build-up. AQI may reach the <b>Hazardous</b> category at times in most of Los Angeles and Orange Counties and the Inland Empire.
July 5th	AQI due to particle pollution is expected to remain high into the morning and will decrease throughout the day as winds disperse the pollution. AQI may reach the <b>Hazardous</b> category at times, and the high levels will persist longer in Inland areas than at the coast.

*South Coast AQMD will issue an update if additional information becomes available.*

#### If you are in impacted area:

- Limit your exposure by remaining indoors with windows and doors closed or seeking alternate shelter.
- Avoid vigorous physical activity.
- Run your air conditioning and/or an air purifier. If possible, do **not** use swamp coolers or whole house fans that bring in outside air.

South Coast AQMD is the regulatory agency responsible for improving air quality for large areas of Los Angeles, Orange, Riverside and San Bernardino counties, including the Coachella Valley. For news, air

quality alerts, event updates and more, please visit us at [www.aqmd.gov](http://www.aqmd.gov), download our award-winning app, or follow us on [Facebook](#), [X](#) (formerly known as Twitter) and [Instagram](#).

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