



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT ANNOUNCEMENTS

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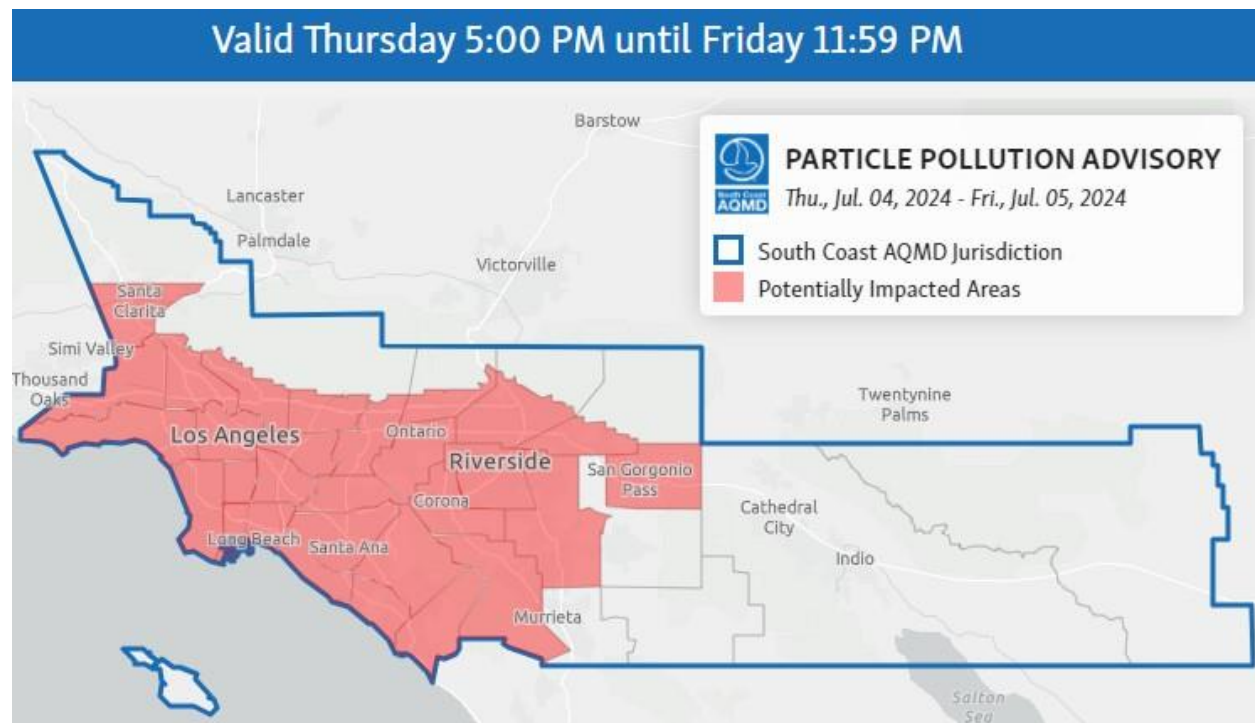
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South Coast AQMD Issues Particle Advisory due to 4th of July Fireworks

Valid until Friday 11:59 PM



Forecasted Air Quality Impacts

Poor air quality is likely in areas throughout parts of Los Angeles and Orange Counties and the Inland Empire on July 4th through July 5th due to fireworks related to Independence Day celebrations. The Air Quality Index (AQI) may reach the **Hazardous** AQI category from the evening of Thursday, July 4th through the early afternoon on Friday, July 5th due to fine particle pollution from fireworks.

- Fireworks emit high levels of particle pollution (PM2.5 and PM10) as well as metal air pollutants, all of which can contribute to negative health effects
- Personal “backyard” fireworks may lead to localized fine particulate matter concentrations above observed regional levels
- Fine particle pollution levels on July 4th and July 5th are typically among the worst (highest) days of the year in the South Coast Air Basin
- The smoke and combustion products from fireworks add to the fine particles already present in the Basin that are primarily caused by transportation and industrial emissions
- The use of consumer grade “backyard” fireworks can also spark wildfires, which can be a major source of fine particle pollution
- Ozone levels unrelated to the Independence Day celebrations will contribute to high AQI in the **Very Unhealthy** AQI category in the afternoon and evening hours. Visit the [South Coast AQMD Advisories page](#) for information about high ozone levels.
- Visit the South Coast AQMD [Independence Day Fireworks Air Quality Assessment page](#) for additional information about Independence Day fireworks

Health Impacts

Breathing of fine particulate matter 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.

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

Detailed Forecast

July 4th Evening	Light winds and increased emissions from fireworks are expected in the Basin after dusk, increasing pollutant build-up. AQI may reach the Hazardous category at times.
July 5th	Particle pollution levels are expected to remain high into the morning and will decrease throughout the day. 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, download our award-winning app, or follow us on [Facebook](#), [X](#) (formerly known as Twitter) and [Instagram](#).

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