



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT ANNOUNCEMENTS

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@SouthCoastAQMD    

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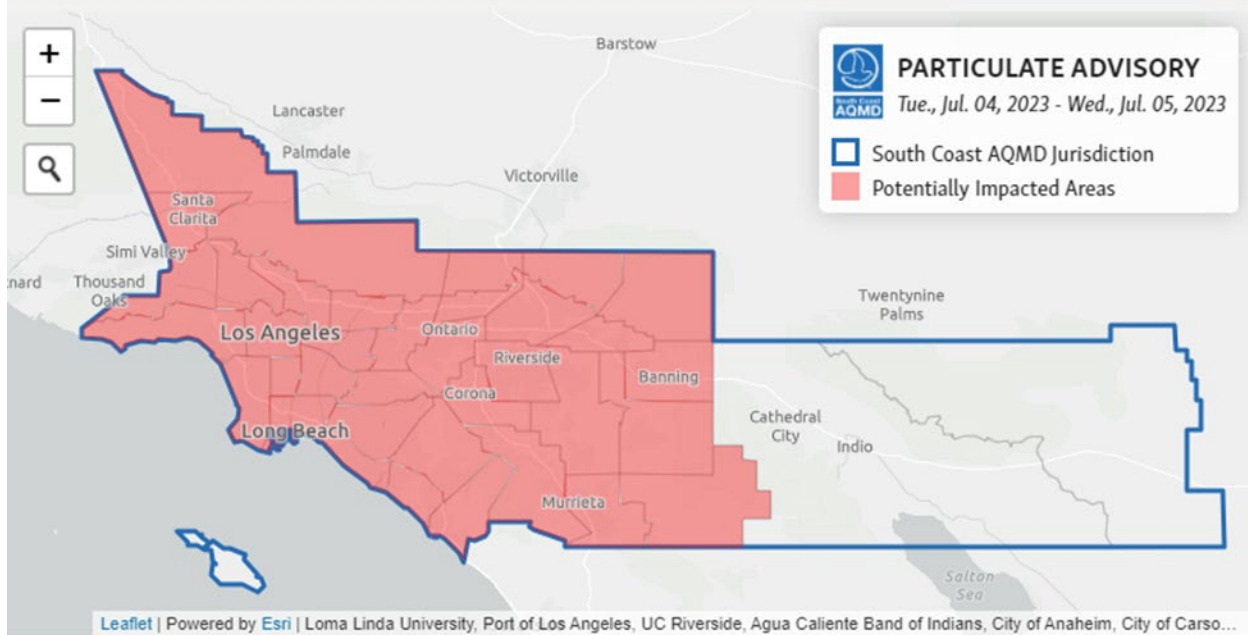
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South Coast AQMD Issues Particulate Advisory due to 4th of July Fireworks

Poor air quality is likely in areas throughout the South Coast Air Basin 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 Tuesday, July 4th through the early afternoon on Wednesday, July 5th. South Coast AQMD will issue an update if additional information becomes available.

- 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

Valid Tuesday 5:00 PM until Wednesday 11:59 PM



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.

During periods of poor air quality due to high particulate pollution:

- Limit your exposure by remaining indoors with windows and doors closed or seeking alternative 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.
- Avoid burning wood in your fireplace or firepit and minimize sources of indoor air pollution such as candles, incense, pan-frying, and grilling.

For more information, see the [EPA Guide for Particle Pollution \(PDF\)](#).

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 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](#), [Twitter](#) and [Instagram](#).

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