



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT ANNOUNCEMENTS

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@SouthCoastAQMD    

FOR IMMEDIATE RELEASE: December 30, 2024

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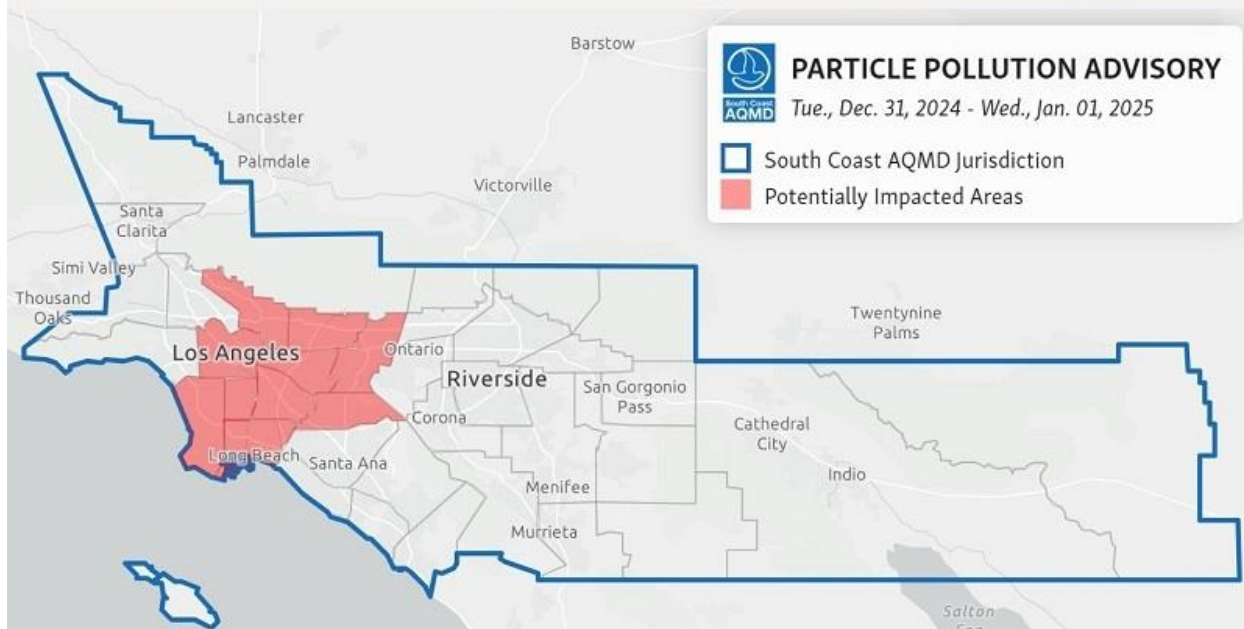
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South Coast AQMD Issues Particle Advisory for New Year Eve Holiday

Valid until Wednesday 6:00 PM

Valid Tuesday 5:00 PM until Wednesday 6:00 PM



Forecasted Air Quality Impacts

Widespread use of fireworks related to New Year's Eve celebration coupled with calm weather conditions may worsen air quality in Los Angeles County. The Air Quality Index (AQI) may reach the **Unhealthy** or higher AQI category from the evening of Tuesday, December 31, 2024 through the early afternoon on Wednesday, January 1, 2025. Wood burning is prohibited in the South Coast Air Basin

on Monday and Tuesday due to already expected poor air quality. For more information, see the [No-burn Alerts](#).

- 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
- 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 and stagnant weather conditions
- The use of consumer grade “backyard” fireworks can also spark wildfires, which can be a major source of fine particle pollution

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.

Per South Coast AQMD Rule 444, burning wood on the beach is prohibited in areas where PM2.5AQI is expected to exceed 100. On Tuesday, December 31, beach wood burning is prohibited at the beach in Los Angeles County from San Pedro to Seal Beach and on all beaches in Orange County.

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

Detailed Forecast

Tuesday Evening	Light winds and increased emissions from fireworks are expected in the Basin after dusk, increasing pollutant build-up. AQI may reach the Unhealthy or higher category at times.
Wednesday daytime	Particle pollution levels are expected to remain high into the morning and will decrease throughout the day.

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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