



South Coast
AQMD

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT ANNOUNCEMENTS

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FOR IMMEDIATE RELEASE: December 3, 2020

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South Coast AQMD Issues Smoke Advisory Due to Bond and Airport Wildfires

Valid: Thursday, December 3, 2020 through Friday, December 4, 2020

This advisory is in effect through Friday Morning. South Coast AQMD will issue an update if additional information becomes available.

Two major local wildfires are affecting air quality in the region. A wildfire named the Bond Fire is burning in the foothills of the Santa Ana Mountains north of Foothill Ranch in Orange County. As of 9:45 a.m. on Thursday, the burn area was reported at 4,000 acres with 0% containment. Current information on the Bond Fire can be found on the Orange County Fire Authority's Twitter handle at https://twitter.com/OCFA_PIO.

A wildfire named the Airport Fire is also burning in Corona near the Corona Municipal Airport northeast of the intersection of the 91 and 71 freeways. As of 6:30 a.m. on Thursday, the burn area was reported at 105 acres with 0% containment. Current information on the Airport Fire can be found on CAL FIRE's website at <https://www.fire.ca.gov/incidents/2020/12/1/airport-fire/>.

Current Smoke and Ash Impacts

Both the Bond and Airport Fires are producing heavy smoke on Thursday morning based on satellite and webcam imagery and air quality measurements. On Thursday morning, **Unhealthy** Air Quality Index (AQI) levels are being recorded throughout Northern Orange County and the Long Beach area due to the Airport fire based on measurements at regulatory air quality monitors and low-cost sensors. The Bond fire is affecting air quality throughout Central Orange County in cities such as Newport Beach, Irvine, and Lake Forest with AQI levels reaching the **Very Unhealthy** category in places. There are also widespread reports of ashfall throughout Orange County. Visit <https://www.aqmd.gov/aqdata> to view current air quality conditions.

In any area impacted by smoke: If you smell smoke or see ash due to a wildfire, limit your exposure by remaining indoors with windows and doors closed or seeking alternate shelter, and avoiding vigorous

physical activity. For more tips on protecting yourself during a wildfire, see South Coast AQMD's Wildfire Smoke & Ash Health & Safety Tips page: <http://www.aqmd.gov/wildfire-health-info-smoke-tips>.

Forecasted Smoke and Ash Impacts

Areas downwind of the Bond and Airport Fires will experience the highest AQI levels due to smoke impacts. Smoke and ash impacts will be highly variable in both timing and location through Friday.

- **Thursday:** Winds near the Bond and Airport Fires will be from the east and northeast on Thursday, moving smoke to the west and southwest into portions of Central and Northern Orange County and the Long Beach area. Smoke impacts are also possible in southern Los Angeles County and portions of Southern Orange County.
- **Overnight Thursday:** Winds will continue to blow from the northeast near the Bond Fire, leading to the continuation of smoke impacts in Central Orange County. However, winds near the Airport fire will blow from the southeast, potentially pushing smoke to the northwest and into more of Los Angeles County. Smoke impacts will be heavily dependent on the progress of fire containment efforts throughout the day on Thursday.
- **Friday Morning:** Winds are predicted to be from the northeast on Friday, which will push smoke towards the southwest towards Northern and Central Orange County and portions of Southern Los Angeles County.

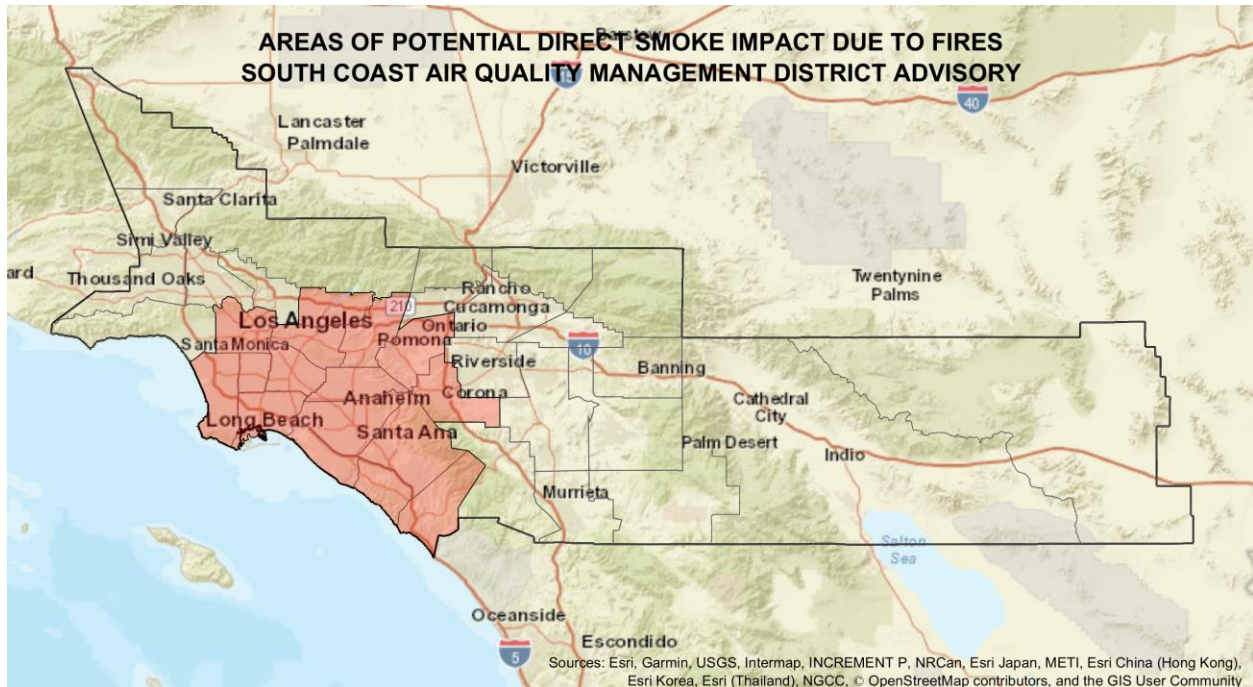
Extended Smoke Outlook

The National Weather Service has a Red Flag Warning in effect until 10 p.m. on Saturday that includes the fire areas due to high winds and low humidity. See www.weather.gov/sgx for details. The South Coast Air Quality Management District will continue to provide daily smoke advisory updates until air quality impacts from smoke subside.

Overall, meteorological conditions will bring smoke and ash into portions of Los Angeles and Orange Counties with localized impacts near the Airport Fire in extreme southwestern San Bernardino County and extreme northwestern Riverside County. **Very Unhealthy** or higher AQI levels due to PM2.5 concentrations are possible in areas of direct smoke impacts.

Areas of direct impacts and poor air quality may include portions of:

- **Los Angeles County:** Central Los Angeles (Area 1), Southwest Coastal LA County (Area 3), South Coastal LA (Area 4), Southeast LA County (Area 5), East San Gabriel Valley (Area 9), Pomona-Walnut Valley (Area 10), South San Gabriel Valley (Area 11), South Central Los Angeles County (Area 12)
- **Orange County:** Northern Orange County (Area 16), Central Orange County (Area 17), North Coastal Orange County (Area 18), Saddleback Valley (Area 19), Central Coastal Orange County (Area 20), Capistrano Valley (Area 21)
- **Riverside County:** Corona-Norco (Area 22)
- **San Bernardino County:** Southwest San Bernardino Valley (Area 33)



- South Coast AQMD Advisory updates can be found at the following link: www.aqmd.gov/advisory
- To subscribe to air quality alerts, advisories and forecasts by email, go to www.AirAlerts.org
- To view current air quality conditions by region in an interactive map, see <http://www.aqmd.gov/aqimap>
- For real-time air quality information, maps, notifications and health alerts in your area, download our award-winning South Coast AQMD app at: www.aqmd.gov/mobileapp
- Air quality forecasts are available at <http://www.aqmd.gov/forecast>
- For a map of South Coast AQMD Forecast Areas, see <http://www.aqmd.gov/ForecastAreas>.

South Coast AQMD is the air pollution control agency for Orange County and major portions of Los Angeles, San Bernardino and Riverside 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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