



# SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

## SMOKE ADVISORY

**Valid Tuesday September 22, 2020 through Wednesday September 23, 2020**

*This advisory is in effect through Wednesday afternoon. South Coast AQMD will issue an update if additional information becomes available.*

Two major local wildfires are affecting air quality in the region. The Bobcat Fire is burning north of Azusa, Duarte, Monrovia, and Arcadia in the Angeles National Forest. As of 8:00 AM on Tuesday, the burn area was reported at 109,271 acres with 17% containment. Current information on the Bobcat Fire can be found on the Incident Information System (InciWeb) at <https://inciweb.nwcg.gov/incident/7152>.

The El Dorado Fire is burning in the San Bernardino Mountains near Yucaipa in San Bernardino County. As of 8:00 AM on Tuesday, the burn area was reported at 22,588 acres with 60% containment. Current information on the El Dorado Fire can be found on InciWeb at <https://inciweb.nwcg.gov/incident/7148/>.

### **Past and Current Smoke Impacts**

The Bobcat Fire is producing substantial amounts of smoke while the El Dorado Fire is producing light smoke on Tuesday morning based on satellite and webcam imagery. Smoke from the Bobcat Fire and the El Dorado Fire is being transported towards the north. Smoke from the southern extents of the Bobcat Fire was visible in the San Gabriel River valley this morning and was being transported south.

All South Coast AQMD continuous PM<sub>2.5</sub> monitors recording 24-hour average concentrations were below federal air quality standards on Monday. Since Monday afternoon, monitors and low-cost sensors throughout the South Coast AQMD jurisdiction measured Air Quality Index (AQI) levels in the **Good** to **Unhealthy for Sensitive Groups** categories except the South Coast AQMD's temporary monitor near Azusa, which measured AQI levels in the **Unhealthy** category on Tuesday morning. 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 in direct proximity to the Bobcat and El Dorado 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 Wednesday.

### **Los Angeles County**

- **Tuesday afternoon:** Winds will be from the south and southwest and push smoke from the Bobcat Fire to the north and northeast into the San Gabriel Mountains and then out of the South Coast Air Basin.

- **Tuesday evening through Wednesday morning:** Winds will be from southwest and west and push smoke from the northern extents of the Bobcat Fire to the northeast and east. Winds will be light and variable over the southern extents of the Bobcat Fire and is predicted to move smoke to the south and southwest. Areas south of the Bobcat Fire along the I-10 corridor from the Santa Monica Mountains to Pomona will likely see the highest particulate matter levels on Wednesday morning. Smoke is likely to remain closer to the ground overnight which can increase ground-level particulate matter levels.
- **Wednesday afternoon:** Winds are predicted to move smoke from the Bobcat Fire to the northeast and east into the mountains of Los Angeles and then out of the South Coast Air Basin.

### San Bernardino County

- **Tuesday afternoon:** Winds will be from the southwest and west and will push smoke from the El Dorado Fire to the northeast and east into the San Bernardino Mountains.
- **Tuesday evening through Wednesday morning:** Winds will be from the west and northwest and will push smoke from the El Dorado Fire to the east and southeast into the eastern portions of the San Bernardino Mountains. The East San Bernardino Valley could see higher PM2.5 levels from the El Dorado Fire as smoke is likely to remain closer to the ground overnight. The San Bernardino Mountains and western San Bernardino Valley could also see an increase in PM2.5 levels overnight due to smoke from the Bobcat Fire.
- **Wednesday afternoon:** Winds are predicted to be from the southwest and push smoke from the El Dorado Fire to the northeast into the San Bernardino Mountains and out of the South Coast Air Basin.

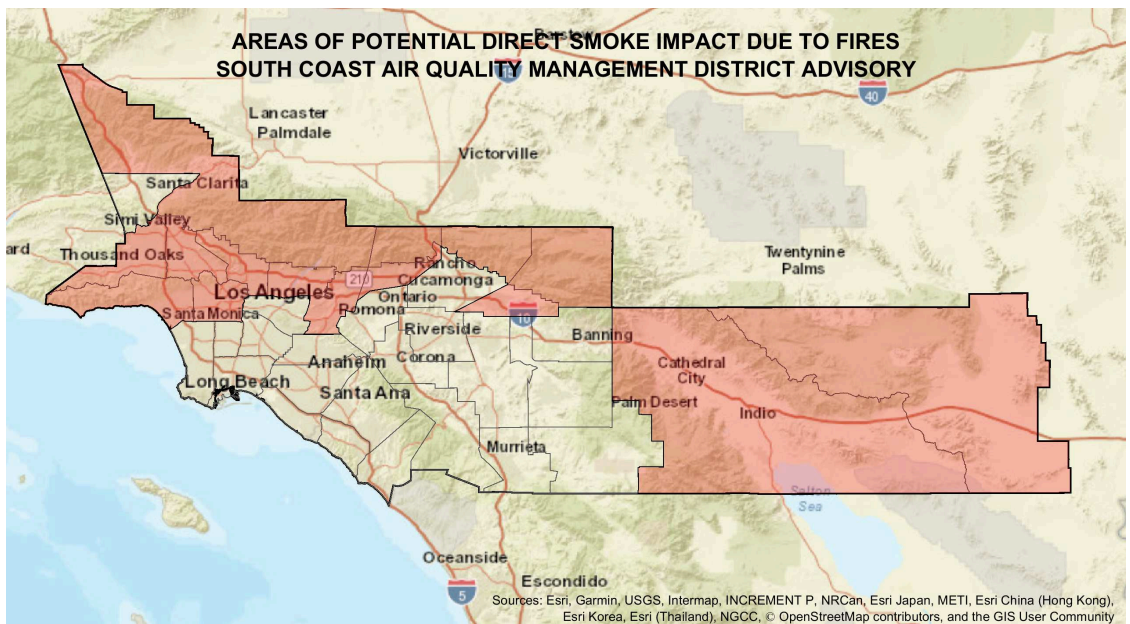
### Riverside County

- **Tuesday afternoon:** Winds will be from the south and southwest and push smoke from the El Dorado and Snow Fires to the north and northeast.
- **Tuesday evening through Wednesday morning:** Winds will be light and from the northwest. Areas southeast of the El Dorado Fire as well as the East San Bernardino Valley will likely see the highest particulate matter levels as smoke is likely to remain closer to the ground overnight. The Coachella Valley and Eastern Riverside County could also see an increase in particulate matter levels overnight due to smoke transported from the Bobcat Fire.
- **Wednesday afternoon:** Winds are predicted to shift and come from the south and southwest. This will move smoke to the north and northeast and out of the Coachella Valley.

**Extended Outlook for All Fires:** Smoke impacts in the South Coast Air Basin and Coachella Valley will likely continue until fire activity decreases for the Bobcat and El Dorado Fires. South Coast Air Quality Management District will continue to provide daily smoke advisory updates until air quality impacts from smoke subside.

In order to avoid increasing PM2.5 levels even further, South Coast AQMD recommends that the public avoid burning wood during periods of poor air quality.

Areas of direct impacts and poor air quality may include portions of Los Angeles, Riverside, and San Bernardino Counties in the South Coast AQMD jurisdiction. **Unhealthy** or higher AQI levels due to PM2.5 concentrations are possible in areas of direct smoke impacts. Impacts will be highly variable throughout the day, impacting different parts of the region at different times.



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

- **Los Angeles County:** Central Los Angeles (Area 1), Northwest Coastal LA County (Area 2), West San Fernando Valley (Area 6), East San Fernando Valley (Area 7), West San Gabriel Valley (Area 8), East San Gabriel Valley (Area 9), Pomona-Walnut Valley (Area 10), San Gabriel Mountains (Area 15)
- **Riverside County:** Coachella Valley (Area 30), East Riverside County (Area 31)
- **San Bernardino County:** Northwest San Bernardino Valley (Area 32), East San Bernardino Valley (Area 35), West San Bernardino Mountains (Area 36), Central San Bernardino Mountains (Area 37), East San Bernardino Mountains (Area 38)

South Coast AQMD Advisory updates can be found at the following link: <http://www.aqmd.gov/advisory>

To subscribe to air quality alerts, advisories and forecasts by email, go to <http://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: <http://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>