

Forecast conditions represent impacts from smoke from the Soberanes Fire wildfire. Contributions from ozone and other pollutants are not reflected.

Fire: Generally light fire activity today associated with backing fire. The alignment of the wind and terrain make potential for a longer run in the Pine Valley northwest of Tassajara. Perimeter burnouts are unlikely. Current perimeter is 86,294 acres, with 1,082 new acres. Current containment is reported at 60%.

Air Quality Today: Transport winds continue to be light but have shifted to come from the west-northwest. This wind pattern, plus likely more smoke production today than in the past couple days, means more smoke in Tassajara, and to a lesser extent in Greenfield and King City. Most of the smoke from the fire will remain in place over the fire. Nighttime drainage flow will bring smoke to the coast around Big Sur and southward. The smoke along the coast will dissipate midday with the afternoon sea breeze.

Air Quality Tomorrow: Light northwest flow is forecast to continue tomorrow, producing similar smoke concentrations as today.

Particulate Matter (PM 2.5) Impacts from the Soberanes fire

| Site | Yesterday Observed Midnight-Midnight 24-Hr AQI August 22, 2016 | Today's Forecast 24-Hr AQI August 23, 2016 | Tomorrow Outlook 24-Hr AQI August 24, 2016 | Best Time of Day August 23 AQI and 24 hr. Period |
|-----------------------|---|--|---|--|
| Santa Cruz | Good | Good | Good | Good conditions today |
| Gilroy | Good | Good | Good | Good conditions today |
| Hollister | Good | Good | Good | Good conditions today |
| Salinas | Good | Good | Good | Good conditions today |
| Toro Park | Good | Good | Good | Good conditions today |
| Monterey AFB | Good | Good | Good | Good conditions today |
| Carmel River School | Good | Good | Good | Good conditions today |
| Carmel Valley | Good | Good | Good | Good conditions today |
| Gonzales | Good | Good | Good | Good conditions today |
| Soledad | Good | Good | Good | Good conditions today |
| Greenfield | Good | Moderate | Moderate | Relief at night |
| King City | Good | Moderate | Moderate | Relief at night |
| SJ Bautista | Good | Good | Good | Good conditions today |
| Tassajara Hot Springs | Unhealthy | Unhealthy | Unhealthy | Relief at times |
| Big Sur | Moderate | Moderate | Moderate | Relief in the afternoon with the sea breeze |
| Pacific Grove | Good | Good | Good | Good conditions today |

Disclaimer: Conditions may change quickly, these projections are based on anticipated weather and fire activity. Sensitive groups including individuals with Asthma, lung or heart disease, children, older adults, and pregnant women should take precautions to avoid exposure to smoke. If you feel as though you are having health effects from smoke see your doctor or health professional as needed. In some cases your eyes are your best tools, if it is smoky outside you are being impacted. Use caution when driving in or around smoky areas.

| AQI Index | Actions to Protect Yourself |
|--------------------------------------|---|
| Good | None |
| Moderate | Unusually sensitive people should consider reducing prolonged or heavy outdoor exertion. |
| Unhealthy for Sensitive Groups - USG | People with heart or lung disease, children and older adults should reduce prolonged or heavy outdoor exertion. Everyone else should limit prolonged or heavy exertion. |
| Unhealthy | The following groups should avoid all physical outdoor activity: People with heart or lung disease, children and older adults. Everyone else should avoid prolonged or heavy exertion. |
| Very Unhealthy | Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors. |
| Hazardous | The following groups should remain indoors and keep activity levels low: People with heart or lung disease; children and older adults. Everyone else should avoid prolonged or heavy exertion |

- Views of smoke from fire: Jamesburg- http://cens.jamesreserve.edu/activejpg/cam2_hastings.jpg
 Big Sur- <http://www.nepenthebigsur.com/images/b.jpg>
 California Smoke Blog - <http://californiasmokeinfo.blogspot.com/>
 Monterey Air Resource Board - <http://mbard.org/>
 AirNow - <http://airnow.gov/index.cfm?action=airnow.main>

Smoke forecast for this afternoon showing transport from the Soberanes Fire towards the east and southeast. With light transport winds, most of the smoke stays near the fire.

