Air Quality Report
Soberanes Fire
Forecast-32

*Issue Date: 08/29/2016*
Prepared by: Randy Striplin and Robert Elleman

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

**Fire:** Moderate to active smoke production today. Increasing winds from northwest may increase fire activity and smoke production starting this afternoon and lasting through tomorrow. Current perimeter is 92,314 acres, with 512 new acres. Current containment is reported at 60%.
**Air Quality Today:** Light transport winds will initially be from the west, and then will shift to be from the northwest and increase in strength by afternoon. After a smoky period in the morning, air quality in Big Sur will improve midday. Stronger winds may help dissipate smoke in Tassajara area, but expect degraded air quality as compared to the past few days as smoke is transported in that direction. Cachagua may start today with some smoke but should clear by late morning.
**Air Quality Tomorrow:** Gusty northwest winds continue tomorrow. The Tassajara areas should expect conditions similar to today. Big Sur and Cachagua should have good air quality.

## Particulate Matter (PM 2.5) Impacts from the Soberanes fire

| Site | Yesterday Observed Midnight-Midnight 24-Hr AQI August 28, 2016 | Today's Forecast 24-Hr AQI August 29, 2016 | Tomorrow Outlook 24-Hr AQI August 30, 2016 | Best Time of Day August 29 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 | Good | Good | Good conditions today |
| King City | Good | Good | Good | Good conditions today |
| Cachagua | Good | Moderate | Good | Relief starting midday |
| Tassajara Hot Springs | Good | Unhealthy for Sensitive Groups | Unhealthy for Sensitive Groups | Better in the morning |
| Big Sur | Unhealthy for Sensitive Groups | Moderate | Good | Relief in the afternoon with the sea breeze |
| Pacific Grove | Good | Good | Good | Good conditions today |

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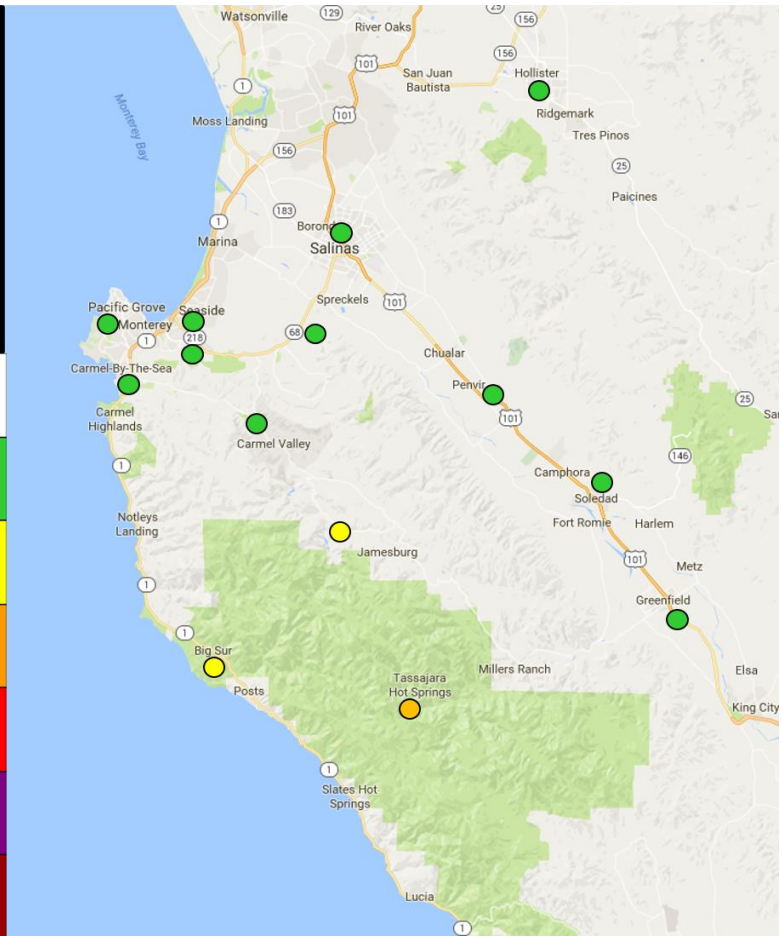
**Disclaimer:** Conditions may change quickly**,** these projections are based on anticipated weather and fire activity. Sensitive groups including individuals with Asthma, lung or heart disease, children, older adults, and pregnant women should take precautions to avoid exposure to smoke. If you feel 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**

## Air Quality Outlook for Today, August 29

Average conditions midnight to midnight

**In some locations, such as Big Sur, the air quality is worse than this daily average prediction at night and is better than this daily average prediction in the afternoon when the sea breeze kicks in.*

| AQI Index |
|---|
| Good |
| Moderate |
| Unhealthy for Sensitive Groups - **USG** |
| Unhealthy |
| Very Unhealthy |
| Hazardous |