

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

Fire: Yesterday the Gap Fire contributed smoke to our area and degraded air quality. Today, Soberanes moderate smoke production continues on the southeastern head of the fire. Burnout operations are planned on the southern containment line out to Anderson Peak in order to increase containment line depth. Current perimeter is 101,490 acres, with the same growth of 551 new acres. Current containment remains at 60%.

Air Quality Today: Today, the air mass is more stable. Winds will be light and terrain driven at the surface and transport winds will also be light. This will allow smoke to collect and pool in drainages and gently spread out over the area. Big Sur, Tassajara and Cachagua communities will be the most affected due to their proximity to the fire.

Air Quality Tomorrow: With continued light and terrain driven surface winds, higher air stability smoke will be lingering and collecting in the area for the next few days.

Particulate Matter (PM 2.5) Impacts from the Soberanes fire

| Site | Yesterday Observed Midnight-Midnight 24-Hr AQI September 6, 2016 | Today's Forecast 24-Hr AQI September 7, 2016 | Tomorrow Outlook 24-Hr AQI September 8, 2016 | Best Time of Day September 7 AQI and 24 hr. Period |
|-----------------------|---|--|---|--|
| Santa Cruz | Good | Good | Good | Good conditions today |
| Gilroy | Moderate | Good | Good | Good conditions today |
| Hollister | Good | Good | Good | Good conditions today |
| Salinas | Good | Good | Good | Good conditions today |
| Toro Park | Moderate | Good | Good | Good conditions today |
| Monterey AFB | No Data | Good | Good | Good conditions today |
| Carmel River School | Good | Good | Good | Good conditions today |
| Carmel Valley | Good | Good | Good | Good conditions today |
| Gonzales | Moderate | Good | Good | Good conditions today |
| Soledad | Good | Good | Good | Good conditions today |
| Greenfield | Moderate | Good | Good | Good conditions today |
| King City | Good | Moderate | Good | Better in the afternoon |
| Cachagua | Good | Moderate | Moderate | Better in the afternoon |
| Tassajara Hot Springs | Good | Moderate | Moderate | Better in the afternoon |
| Big Sur | USG | USG | USG | Better in the afternoon |
| Pacific Grove | Moderate | 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>

Air Quality Outlook for Today, September 7

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 |

