

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

**Fire:** Moderate to high smoke production today on the southeastern head of the fire. In order to increase containment line depth on the southern containment line out to Anderson Peak, burnout operations may occur if conditions permit. We will be adding a sixth digit to the fire's acreage as this morning's perimeter is 100,428 acres, with 2,008 new acres of fire growth yesterday. Current containment remains at 60%.

**Air Quality Today:** Today, a more stable air mass and lighter winds may help smoke linger over the fire area. Winds will be light and offshore from the north-northeast. Smoke lifted into the transport winds will be transported southwest over the ocean. Smoke drainage down the Big Sur River Valley into Big Sur this morning will be moderate but should lift by mid-morning. The northeast winds will take smoke away from Tassajara, but Tassajara is likely to be impacted by smoke due to its proximity to the fire.

**Air Quality Tomorrow:** Conditions tomorrow should be similar to today as a persistent early-fall pattern sets up. Smoke will remain closer to the fire, which could degrade air quality at Tassajara and Big Sur. Most of the smoke will go out over the coast again, and it may affect air quality in diffuse amounts at points south along the coast.

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

Site	Yesterday Observed Midnight-Midnight 24-Hr AQI September 4, 2016	Today's Forecast 24-Hr AQI September 5, 2016	Tomorrow Outlook 24-Hr AQI September 6, 2016	Best Time of Day September 5 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	Good	Good	Good conditions today
Tassajara Hot Springs	Moderate	Moderate	Moderate	Better in the evening
Big Sur	Moderate	Moderate	Moderate	Better by late morning
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](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 5

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

