

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

Fire: Moderate fire activity today associated with backing fire along the southern edge towards the river drainage, and perimeter burnout operations to maintain the containment of the western flank. Current perimeter is 81,396 acres, with 1,396 new acres. Current containment is reported at 60%.

Air Quality Today: Better south winds than predicted provided some much needed relief to the Big Sur area yesterday, and will likely continue to provide some periods of improved conditions as an onshore flow with SW winds will arrive by mid-day. Later in the afternoon, west winds will push the smoke back into the Carmel and Salinas Valleys. Expect the evening to bring a light NW-W wind that will move some of the smoke out of these areas towards King City.

Air Quality Tomorrow: Conditions similar to today, with some additional west winds pushing smoke into the Carmel and Salinas Valleys.

Particulate Matter (PM 2.5) Impacts from the Soberanes fire

Site	Yesterday Observed Midnight-Midnight 24-Hr AQI August 17, 2016	Today's Forecast 24-Hr AQI August 18, 2016	Tomorrow Outlook 24-Hr AQI August 19, 2016	Best Time of Day August 19 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	Moderate	Moderate	Moderate	Some relief in afternoon
King City	Good	Moderate	Moderate	Some relief in afternoon
SJ Bautista	Good	Good	Good	Good conditions today
Ford Ord	Good	Good	Good	Good conditions today
Big Sur	USG	USG	USG	Relief in the afternoon hours
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/>

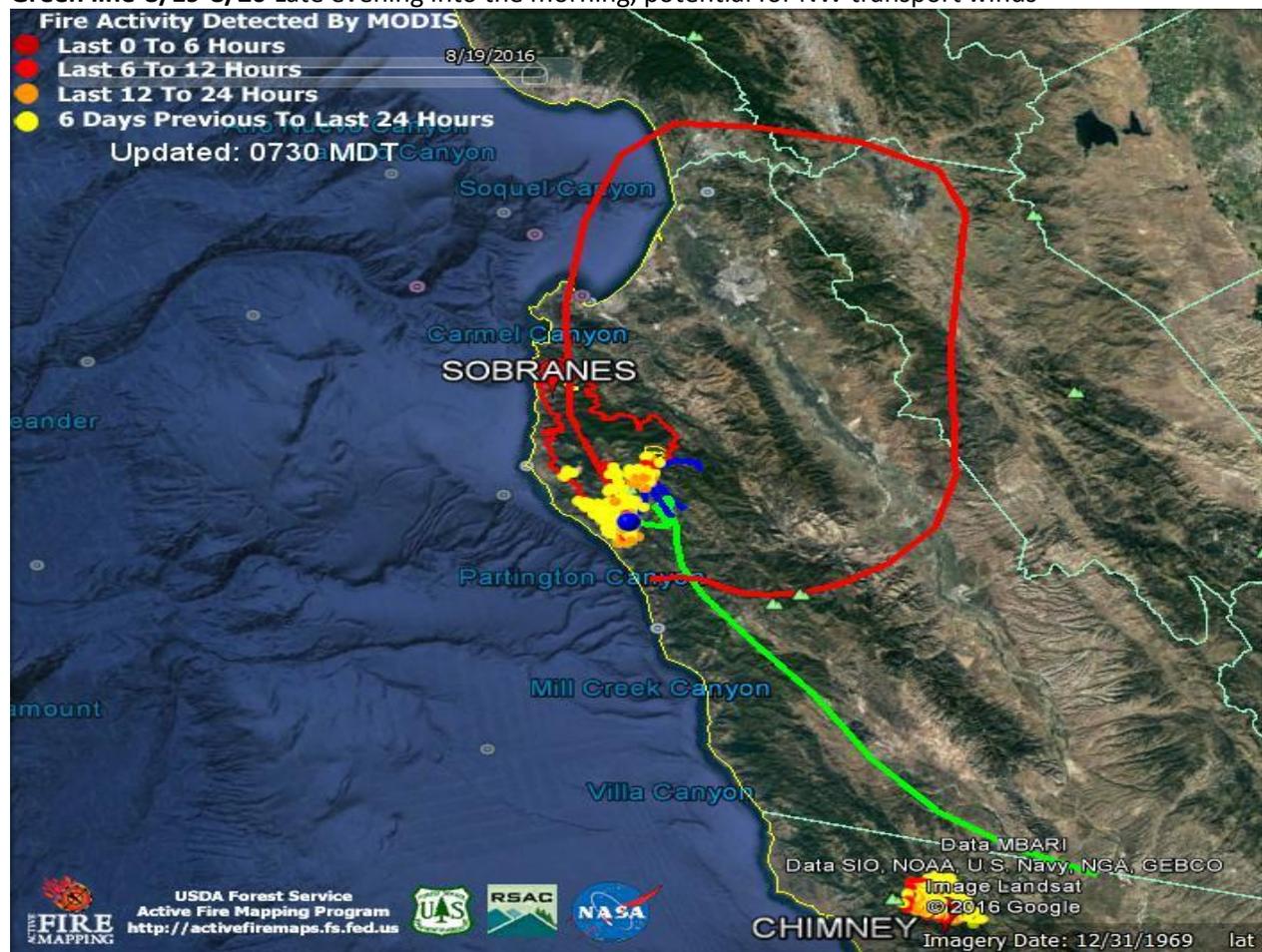
AirNow - <http://airnow.gov/index.cfm?action=airnow.main>

Sobranes current perimeter & fire activity 08/19/2016 0700: 24 hr smoke trajectories @ 250 M AGL

Blue line- 8/19 Early morning to Afternoon due to minimal winds

Red line- 8/19 Afternoon into the evening as South winds arrive

Green line- 8/19-8/20 Late evening into the morning, potential for NW transport winds





View towards the Carmel Valley yesterday afternoon 1pm