Air Quality Report
Soberanes Fire
Forecast #64

Issue Date: 9/30/2016
Time: 0700
Prepared by: Jen Croft, ARA
& Sean Luchs, ARA (T)

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

Fire: Current fire acreage is 132069, an increase in 2,674 acres -mainly due to better mapping of the fire. Current containment is 92%. Direct attack will continue to be used, with no firing operations planned.

Air Quality Today: Southwest winds early will bring minor morning impacts to communities in the Carmel Valley and parts of the Salinas Valley. Some relief looks to come in the afternoon, though visible impacts should be expected. A cold front late this afternoon will bring gusty northwesterly winds. Minor impacts are expected in the communities of Tassajara, Arroyo Seco, and Greenfield as evening conditions begin pooling smoke in the valleys. The Loma Fire may contribute to visible smoke and result in minor impacts, mainly later tonight.

Air Quality Tomorrow: Gusty northwest winds will continue, but bring cooler temperatures and better moisture to help mitigate smoke impacts. These conditions will reduce the smoldering of interior fire activity that will assist in limiting the smoke impacts to the greater Soberanes fire area.

Particulate Matter (PM 2.5) Impacts from the Soberanes Fire (midnight to midnight)

Site	Yesterday Observed 24-Hr AQI September 29, 2016	Today's Forecast 24-Hr AQI September 30, 2016	Tomorrow Outlook 24-Hr AQI October 1, 2016	Best Time of Day September 30 24–Hr AQI
Pacific Grove	Moderate	Moderate	Good	Afternoon
Carmel River School	Good	Good	Good	Afternoon
Carmel Valley	Good	Good	Good	Afternoon
Cachagua	Good	Good	Good	Late Afternoon
Big Sur	Good	Moderate	Good	Afternoon
Tassajara	Good	Good	Moderate	Late morning/Mid-day
Arroyo Seco	No Monitor	Good	Moderate	Late morning/Mid-day
Salinas	Good	Moderate	Good	Afternoon
Gonzales	Moderate	Moderate	Good	Afternoon
Soledad	No Data Available From Monitor	Moderate	Good	Afternoon
Greenfield	Good	Good	Good	Afternoon
King City	Good	Good	Good	Afternoon

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.

For more information, please call the Soberanes Fire Information Line at (831) 204-0446

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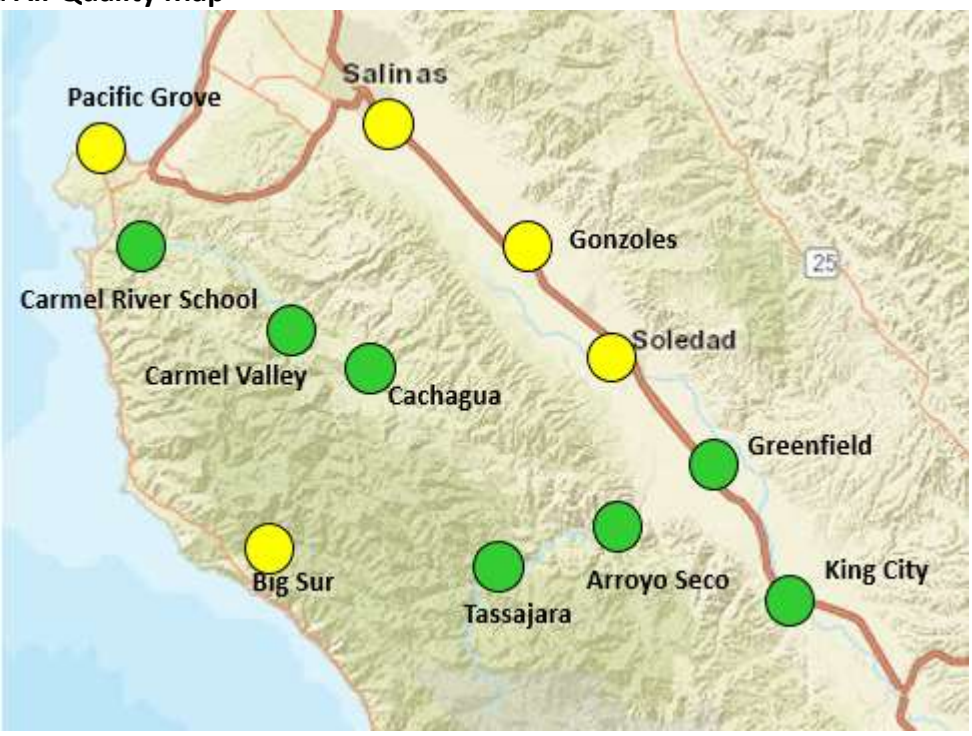
Forecasted Air Quality Map



Use the Air Quality Index to plan your activities

The Air Quality Index (AQI) is a measure used for reporting daily air quality. It tells you how clean or polluted your air is for the day, and what associated health effects might be a concern.

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

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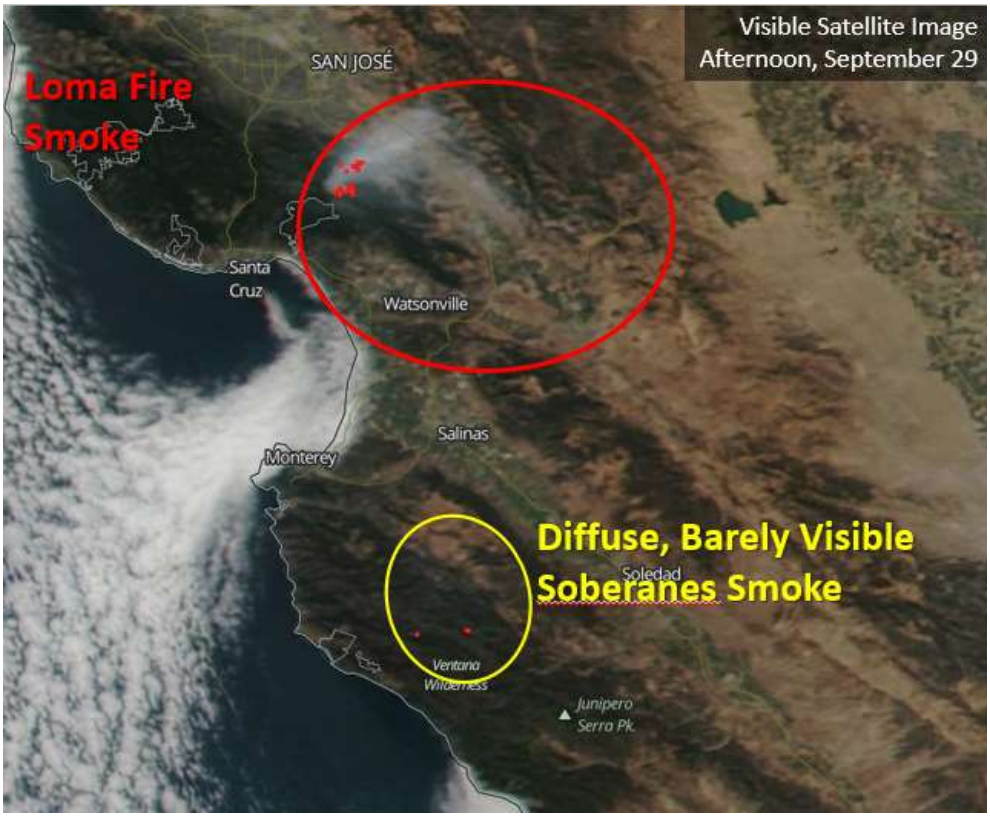

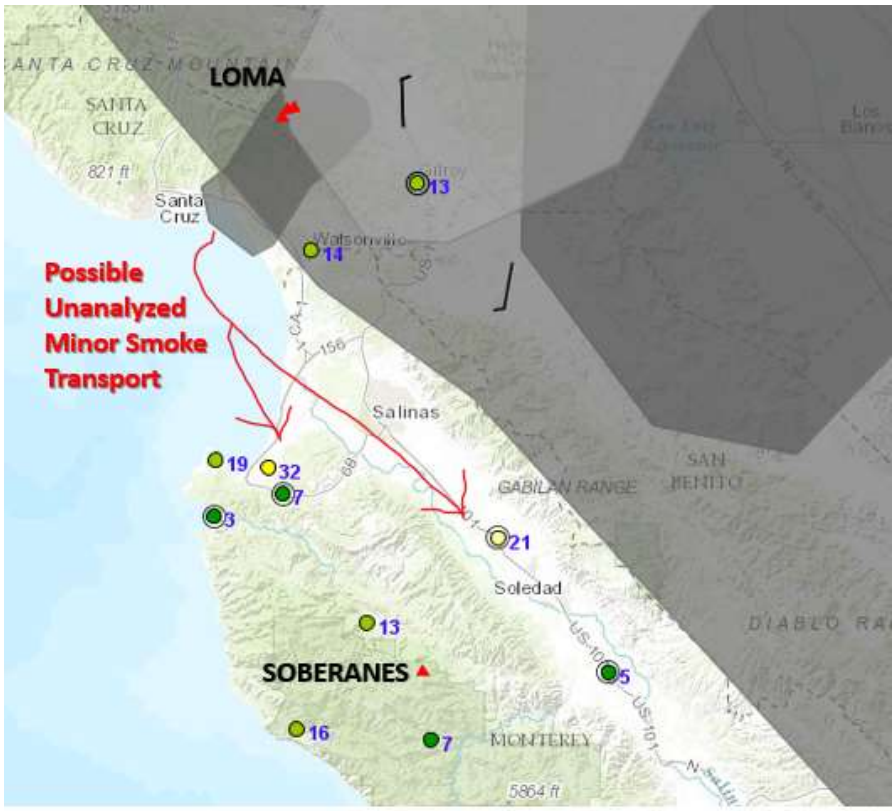

Total smoke (both near surface and lofted well above ground) from area fires. 8 pm PDT September 29, 2016

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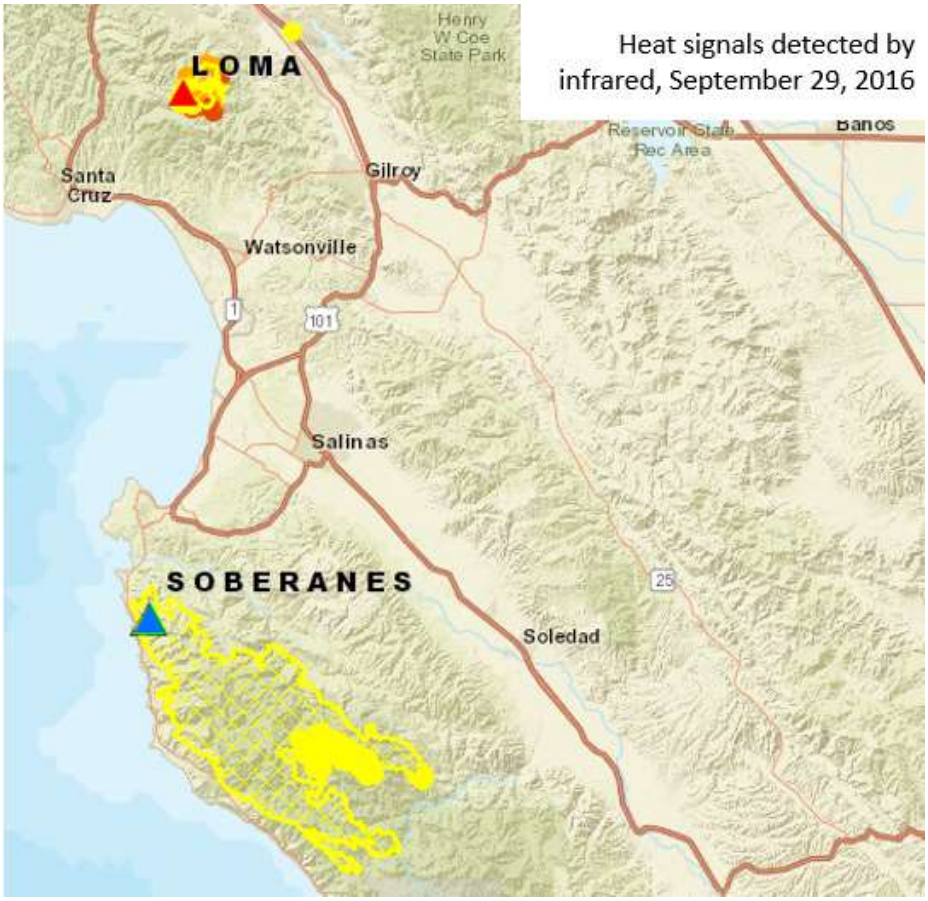
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