

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

**Fire:** Smoke is being produced by interior burning combined with burnout operations along containment lines which are designed to stop the spread of the fire to the west. The fire is 139,188 acres, containment is 40%.

**Air Quality Today:** The smoke that has been impacting the foothill communities west of the fire should see clearing skies as the winds move up from the southwest and west today. This will shift the impacts to those areas immediately adjacent to the wildfire, and to the Owens Valley to the east and northeast of the incident. Mostly moderate impacts are anticipated due to the reduction in active burn areas, with a few areas of higher readings in close proximity. Overall, much improved conditions throughout the impact area.

**Air Quality Tomorrow:** Similar smoke conditions are forecast for the modeled area, with continued impacts to the Owens Valley.

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

Site	Yesterday Observed Midnight-Midnight 24-Hr AQI September 13, 2015	Today's Forecast 24-Hr AQI September 14, 2015	Tomorrow Outlook 24-Hr AQI September 15, 2015	Best Time of Day September 14 AQI and Period
Trimmer	Moderate	Moderate	USG	Best late morning and afternoon
Prather	Moderate	USG	Moderate	Best late morning and afternoon
Shaver Lake		Good	Moderate	Best in the evening
Oakhurst	USG	Moderate	Moderate	Best in the evening
Wishon Reservoir	Very Unhealthy	USG	Moderate	Best in the evening
Hume Lake	Very Unhealthy	USG	USG	No significant improvement
Cedar Grove	No data	USG	USG	No significant improvement
Grant Grove	No data	USG	USG	Late afternoon to early evening
Dunlap/Squaw Val.	Moderate	Moderate	Moderate	Good all day
Mammoth Lakes	Unhealthy	Good	Good	Best before late afternoon
Aspendell	Unhealthy	Moderate	Moderate	Best before noon
Bishop	Moderate	Moderate	Moderate	Best before noon
Big Pine		Moderate	Moderate	Best before noon
Independence		Good	Moderate	Best before noon
Pinehurst	Moderate	Good	Good	Good all day
Montecito-Sequoia Lodge	Very Unhealthy	Moderate	Good	Good all day
Lodgepole	USG	Moderate	Good	Good all day
Three Rivers	Moderate	Good	Good	Good all day
Ash Mountain	Moderate	Good	Good	Good all day
Kernville	Moderate	Good	Good	Good all day

**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

View of the fire: Buck Rock Web Camera #3, <http://rockyags.cr.usgs.gov/dashboards/WebCam.htm>

California Smoke Blog - <http://californiasmokeinfo.blogspot.com/>

San Joaquin Air Pollution Control District - <http://valleyair.org/wildfires.htm>

Interagency Real Time Smoke Monitoring - <http://app.airsis.com/usfs/fleet.aspx>

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