

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

**Fire:** Fire activity increased yesterday with warmer temperatures and lower relative humidity. Most of the smoke produced was from interior islands that ignited. Fire remains active in the Converse Basin, near Cedar Grove, and in the area north of Buck Rock. The fire is 103,244 acres and remains at 31% contained.

**Air Quality Today:** Heavy concentrations of smoke are expected near the fire today. Smoke will be slow to lift and transport will be primarily terrain and diurnally driven. Light and variable transport winds are expected primarily from the southeast, with continued increased impacts expected in the San Joaquin Valley west of fire. Residual smoke that has not cleared the area will add to impacts from new smoke being produced. Unhealthy to Hazardous conditions are expected in communities near the fire.

**Air Quality Tomorrow:** Similar impacts are expected tomorrow as smoke will continue to pool at lower elevations.

### Smoke Impacts from Local Fires

Site	Yesterday Observed Midnight-Midnight 24-Hr AQI September 8, 2015	Today Forecast 24-Hr AQI September 9, 2015	Tomorrow Outlook 24-Hr AQI September 10, 2015	Worst Time of Day Impacts 3-Hour AQI and Period
Trimmer	Unhealthy	Hazardous	Hazardous	Unhealthy, 12 A.M. to 1 P.M.
Prather	Unhealthy	Unhealthy	Unhealthy	Unhealthy, 12 A.M. to 1 P.M.
Shaver Lake		Moderate	USG	Unhealthy, 12 A.M. to 1 P.M.
Oakhurst	Moderate	Moderate	USG	Unhealthy, 4 P. M. to 8 P.M.
Wishon Reservoir	Unhealthy	Unhealthy	Unhealthy	Very Unhealthy, midnight. to 2 P.M.
Hume Lake	Very Unhealthy	Hazardous	Very Unhealthy	Hazardous, 3 A.M. to 7 P.M.
Cedar Grove	No data	Hazardous	Hazardous	Hazardous, Midnight to 2 P.M.
Grant Grove	Moderate	Unhealthy	Unhealthy	Unhealthy, Midnight to Noon
Garnet Spike		Hazardous	Hazardous	Hazardous, Midnight to 2 P.M.
Devils Post Pile/Mammoth Lakes	Moderate	USG	Moderate	USG, 9 A.M. to 3 P.M.
Aspendell	Moderate	USG	Moderate	USG, 1 P.M to 7 P.M.
Bishop	Moderate	USG	USG	USG, 1 P.M. to 9 P.M.
Big Pine		Moderate	USG	Moderate, 3 A.M. to 9 A.M.
Independence		USG	USG	Moderate, 3 A.M. to 9 A.M.
Pinehurst	Moderate	Unhealthy	Unhealthy	Unhealthy, 7 A.M. to 10 A.M.
Montecito-Sequoia Lodge	Moderate	Unhealthy	Unhealthy	Unhealthy, 10 pm Midnight
Lodgepole	Good	Moderate	USG	Moderate 6 P.M. to 11 PM
Three Rivers	Moderate	Moderate	USG	USG, 7 PM to 11 PM
Ash Mountain	Good	Moderate	USG	USG, 7 PM to 11 PM
Kernville	Good	Good	Moderate	USG evening hours

**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>

Air Quality Report  
Rough Fire

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