

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. Smoke produced was from the continued burning of interior islands and as a result of continued fire uphill fire spread in the Mill Creek and Verplank creek drainages east of Grant Grove. The fire is 104,629 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. Limited ventilation is forecast for today with continued increased impacts expected in the San Joaquin Valley west and southwest 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:** Impacts lower elevations are intensified by poor ventilation south of the incident. Air quality in the Owens valley improves.

### Smoke Impacts from Local Fires

Site	Yesterday Observed Midnight-Midnight 24-Hr AQI September 9, 2015	Today Forecast 24-Hr AQI September 10, 2015	Tomorrow Outlook 24-Hr AQI September 11, 2015	Best Time of Day September 10 AQI and Period
Trimmer	USG	Hazardous	Hazardous	Morning to early afternoon
Prather	USG	Unhealthy	Unhealthy	Morning to early afternoon
Shaver Lake		Moderate	USG	Noon to late afternoon
Oakhurst	Moderate	USG	USG	Evening to midnight
Wishon Reservoir	USG	USG	Unhealthy	Evening to midnight
Hume Lake	Very Unhealthy	Hazardous	Very Unhealthy	Early afternoon
Cedar Grove	No data	Hazardous	Hazardous	Unhealthy morning
Grant Grove	Unhealthy	Very Unhealthy	Very Unhealthy	Unhealthy, Midnight to Noon
Dunlap/Squaw Val.		USG	Very Unhealthy	Morning to early afternoon
Mammoth Lakes	Moderate	USG	Moderate	Afternoon through evening
Aspendell	USG	USG	Good	Afternoon through evening
Bishop	Moderate	Good	Good	Afternoon through evening
Big Pine		Moderate	Good	Afternoon through evening
Independence		Moderate	Good	Afternoon through evening
Pinehurst	Unhealthy	Unhealthy	Very Unhealthy	USG morning to mid afternoon
Montecito-Sequoia Lodge	Unhealthy	Unhealthy	Very Unhealthy	USG morning to mid afternoon
Lodgepole	Moderate	Moderate	Very Unhealthy	early morning to mid afternoon
Three Rivers	Moderate	Moderate	Very Unhealthy	early morning to mid afternoon
Ash Mountain	Moderate	Moderate	Very Unhealthy	early morning to mid afternoon
Kernville	Moderate	Good	Good	Good

**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>