

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

Fire: The Rough Fire grew approximately 2500 acres yesterday, increasing the perimeter to 23,600 acres. Active fire behavior occurred at the eastern and western portions of the fire. Thick smoke persisted throughout the much of the day within the canyon, limiting suppression activities.

Air Quality Today: This morning, hazy skies and ash fall out was occurring in the Hume Lake area. The temperature inversion is not expected to fully break today, consequently leading to smoky conditions remaining over the area. Afternoon transport winds out of the west-northwest will transport smoke this afternoon and evening into the Owens Valley, and will be most heavy over Independence. Overnight, the temperature inversion will strengthen again, leading back to the same overnight patterns as have been occurring these past several days.

Air Quality Tomorrow: Air quality will remain moderate to unhealthy over much of the area, with the same diurnal pattern occurring.

Smoke Impacts from Local Fires

Site	Yesterday Observed Midnight-Midnight 24-Hr AQI August 17, 2015	Today Forecast 24-Hr AQI August 18, 2015	Tomorrow Outlook 24-Hr AQI August 19, 2015	Worst Time of Day Impacts 3-Hour AQI and Period
Trimmer	Moderate	Moderate	Moderate	Moderate, 9 A.M. to Noon
Prather	Moderate	Good	Good	Moderate, 9 A.M. to Noon
Shaver Lake		Good	Good	Moderate, 10 A.M. to Noon
Hume Lake	USG	USG	USG	Unhealthy 8 A.M. to 1:00 P.M.
Cedar Grove	Unhealthy	Unhealthy	Unhealthy	Unhealthy 9 A.M. to 3:00 P.M.
Devils Post Pile	Moderate	Good	Good	Moderate 11 pm to 1:00 A.M.
Mammoth Lakes	Moderate	Good	Good	Moderate 5:00 P.M. to 8:00 P.M.
Bishop	Moderate	Moderate	Moderate	USG 8:00 P.M. to Midnight
Big Pine		Moderate	Moderate	USG 8:00 P.M. to Midnight
Independence	USG	USG	USG	Unhealthy 6:00 P.M. to 9:00 P.M.
Dunlap	Good	Good	Good	Moderate 9:00 A.M. to 12:00 P.M.
Pinehurst	Moderate	Moderate	Moderate	USG 7:00 A.M. to 9:00
Three Rivers	Moderate	Moderate	Moderate	Moderate 7:00 A.M. to 11:00 A.M.

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](http://rockyags.cr.usgs.gov/dashboards/WebCam.htm)
 California Smoke Blog - <http://californiasmokeinfo.blogspot.com/>
 San Joaquin Air Pollution Control District - <http://www.valleyair.org/aqinfo/forecast.htm>
 Interagency Real Time Smoke Monitoring - <http://app.airsis.com/usfs/fleet.aspx>
 AirNow - <http://airnow.gov/index.cfm?action=airnow.main>