

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

**Fire:** Firing operations will take place South of the Wishon Reservoir along the Crown Valley Trail today. Fire in the Kennedy Grove area, southeast of Hume Lake, continues to move southeast in a slow to moderate rate of speed with short range spotting. Fuels and topography to the east become more broken which will cause the rate of speed to slow. Fire will continue to spread west from Highway 180 toward Converse Basin. Rapid rates of spread are expected in the drainage bottoms along the King River. These runs are expected to stall as they reach the ridge anchored by Converse Peak. The fire is now 60,238 acres and 25% contained.

**Air Quality Today:** Heavy concentrations of smoke are expected near the fire and in drainages below active burning in the western foothills and areas within the Kings River Canyon until noon. Transport winds are expected to begin increasing today pushing smoke into Owens Valley where moderate impacts are expected in the late afternoon as smoke is lifted and transported into the valley. This evening smoke will once again settle into the Kings River Valley, with impacts expected in areas near the fire through tomorrow morning.

**Air Quality Tomorrow:** As transport winds are expected to increase, areas south of the fire, which have experienced significant impacts the last few mornings, as smoke settled overnight, should expect significantly better conditions tomorrow morning. Transport winds are expected to push the smoke northwest of the fire. Significant impacts will continue in areas near the fire and in areas directly below active fire overnight.

### Smoke Impacts from Local Fires

Site	Yesterday Observed Midnight-Midnight 24-Hr AQI August 27, 2015	Today Forecast 24-Hr AQI August 28, 2015	Tomorrow Outlook 24-Hr AQI August 29, 2015	Worst Time of Day Impacts 3-Hour AQI and Period
Trimmer	Moderate	Moderate	Moderate	USG, 9 A.M. to noon
Prather	Moderate	Moderate	Good	USG, 9 A.M. to noon
Shaver Lake		Moderate	Good	Moderate, 10 A.M. to 1 P.M.
Hume Lake	Very Unhealthy	Very Unhealthy	Very Unhealthy	Very Unhealthy, 1 A.M. to 1 P.M.
Cedar Grove	Very Unhealthy	Very Unhealthy	Very Unhealthy	Very Unhealthy
Devils Post Pile/Mammoth Lakes	Good	Good	Moderate	Moderate, 10 P.M. to midnight
Bishop		Moderate	USG	Moderate, 3 P.M. to 7 P.M.
Big Pine		Moderate	Moderate	Moderate, 3 P.M. to 7 P.M.
Independence	Moderate	Moderate	Good	USG, 3 A.M. to 9 A.M.
Wishon Reservoir	Moderate	USG	USG	Unhealthy 9 A.M. to 2 P.M.
Pinehurst	USG	USG	Moderate	Unhealthy, 7 A.M. to noon.
Grant Grove	Unhealthy	Unhealthy	Moderate	Very Unhealthy, Midnight to Noon.
Lodgepole	Unhealthy	USG	Moderate	USG, 3 A.M. to 9 A.M.
Three Rivers	USG	USG	Moderate	USG, 3 A.M. to 11 A.M.
Ash Mountain	Unhealthy	Moderate	Moderate	USG, 3 A.M. to 11 A.M.
Kernville	Moderate	Moderate	Moderate	Moderate, 7 P.M. to midnight

**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/>

Air Quality Report  
Rough Fire – Sierra National Forest

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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>