

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

Fire: Fire was less active again yesterday as crews continued to work on containment lines in the Converse Basin and in the South Fork of the Kings River, north of Buck Rock. The fire is now 84,070 acres and is 25% contained.

Air Quality Today: Heavy concentrations of smoke are expected near the fire today. Smoke will be slow to lift and transport will primarily terrain and diurnally driven. Smoke that does rise out of Kings Canyon will be slowly transported to the northeast, with potential impacts in the Owens Valley. Residual smoke that has not cleared the area, will add to impacts from new smoke being produced. Unhealthy to Very Unhealthy conditions are expected in communities near the fire.

Air Quality Tomorrow: Similar impacts are expected tomorrow. However, light and variable transport winds are expected primarily from the south, with increased impacts expected in the San Joaquin Valley foothills northwest of the fire.

Smoke Impacts from Local Fires

Site	Yesterday Observed Midnight-Midnight 24-Hr AQI September 4, 2015	Today Forecast 24-Hr AQI September 5, 2015	Tomorrow Outlook 24-Hr AQI September 6, 2015	Worst Time of Day Impacts 3-Hour AQI and Period
Trimmer	Good	Moderate	Unhealthy	USG, 9 A.M. to Noon
Prather	Good	Moderate	USG	USG, 9 A.M. to Noon
Shaver Lake		Moderate	USG	USG, 9 A.M. to Noon.
Wishon Reservoir	Unhealthy	Unhealthy	Unhealthy	Very Unhealthy, 1 A.M. to 2 P.M.
Hume Lake	Unhealthy	Unhealthy	Very Unhealthy	Very Unhealthy, 8 A.M. to 2 P.M..
Cedar Grove	Unhealthy	Very Unhealthy	Very Unhealthy	Very Unhealthy, Midnight to 2 P.M.
Grant Grove	USG	USG	Unhealthy	Unhealthy, Midnight to Noon
Devils Post Pile/Mammoth Lakes	Moderate	Good	Moderate	Moderate, 9 A.M. to 3 P.M.
Aspendell	USG	USG	USG	USG, 1 P.M to 7 P.M.
Bishop	Moderate	Moderate	Moderate	USG, 1 P.M. to 9 P.M.
Big Pine		USG	Moderate	Moderate, 3 A.M. to 9 A.M.
Independence		Moderate	Moderate	Moderate, 3 A.M. to 9 A.M.
Pinehurst	Good	USG	Unhealthy	Unhealthy, 7 A.M. to 9 A.M.
Montecito-Sequoia Lodge	Very Unhealthy	Very Unhealthy	Very Unhealthy	Very Unhealthy, Midnight to Noon
Lodgepole	Moderate	Moderate	Moderate	USG, 3 A.M. to 10 A.M.
Three Rivers	Good	Good	Moderate	Moderate, 7 A.M to 10 A.M.
Ash Mountain	Good	Good	Moderate	Moderate, 6 A.M. to 10 A.M.
Kernville	Good	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](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>