Air Quality Report
Rough Fire

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

Fire: Fire was less active 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 79,973 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 north, 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 conditions are expected tomorrow.

Smoke Impacts from Local Fires

Site	Yesterday Observed Midnight-Midnight 24-Hr AQI September 1, 2015	Today Forecast 24-Hr AQI September 2, 2015	Tomorrow Outlook 24-Hr AQI September 3, 2015	Worst Time of Day Impacts 3-Hour AQI and Period
Trimmer	Moderate	Moderate	Moderate	Moderate, 10 A.M. to noon
Prather	Moderate	Moderate	Moderate	Moderate, 6 A.M. to noon
Shaver Lake		Moderate	Moderate	USG, 10 A.M. to 2 P.M.
Hume Lake	Hazardous	Very Unhealthy	Very Unhealthy	Very Unhealthy, 1 A.M. to 2 P.M..
Cedar Grove	Very Unhealthy	Very Unhealthy	Very Unhealthy	Very Unhealthy
Devils Post Pile/Mammoth Lakes	Moderate	Moderate	Moderate	USG, 10 A.M. to 2 P.M.
Bishop	Good	USG	USG	USG, 3 P.M. to 7 P.M.
Big Pine		USG	USG	USG, 2 P.M. to 7 P.M.
Independence	Good	Good	Good	Moderate, 3 P.M. to 6 P.M.
Wishon Reservoir	Unhealthy	Unhealthy	Unhealthy	Unhealthy 1 A.M. to 3 P.M.
Pinehurst	Moderate	Moderate	Moderate	USG, 7 A.M. to 9 A.M.
Grant Grove	Moderate	Unhealthy	USG	Very Unhealthy, Midnight to 2 P/M.
Stoney Creek Campground		Unhealthy	Unhealthy	Unhealthy, 2 A.M. to noon.
Lodgepole	Moderate	Moderate	Good	USG, 2 A.M. to 1 P. M
Three Rivers	Good	Good	Good	Moderate, 3 A.M to 11 A.M.
Ash Mountain	Moderate	Moderate	Good	Moderate, 3 A.M. to 11 A.M.
Kernville	Good	Good	Good	Moderate, midnight to 8 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
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