

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

Smoke Synopsis:

Smoke impacts overnight were very localized, much more so than recent evenings. Light winds from the east and thick smoke sitting just above a surface inversion resulted in better air quality Saturday morning at many deep valley locations. However, as the day heats up and high pressure builds again over northern California, the smoke will mix down to the surface in many locations, although not quite as widespread as was experienced last week.

Smoke may again become layered overnight Saturday into Sunday morning, with clearing in some valleys and smokier in others. Smoke can then be expected to mix down to the surface again mid-day Sunday with a gradual clearing pattern during the afternoon and evening hours.

Air Quality Outlook: Shasta-Trinity & Six Rivers Complexes

Site	Saturday August 22, 2015	Sunday August 23, 2015	Monday August 24, 2015	Comments
Crescent City	Good	Good	Good	
Gasquet	USG	USG	Moderate	Active fires in the area may lead to smokier conditions.
Happy Camp	Unhealthy	Unhealthy	USG	Expect smokier conditions late mornings.
Etna	Unhealthy	Unhealthy	USG	Increase in smoke expected Saturday morning.
Mt. Shasta	Moderate	Moderate	Moderate	
Tulelake	Moderate	Good	Good	
Yreka	Moderate	Good	Good	
Eureka	Good	Good	Good	
Hoopla	Very Unhealthy	Unhealthy	USG	Midday increase in smoke.
Mad River/Dinsmore	Very Unhealthy	Unhealthy	USG	Monitoring equipment is currently inoperable.
Orleans	Very Unhealthy	Unhealthy	USG	Increase in smoke expected Saturday morning.
Weitchpec	Very Unhealthy	Unhealthy	USG	Increase in smoke expected Saturday morning.
Willow Creek	Very Unhealthy	Unhealthy	USG	Increase in smoke expected Saturday morning.
Burnt Ranch	Very Unhealthy	Unhealthy	Unhealthy	Increase in smoke expected Saturday morning.
Hayfork	Hazardous	Very Unhealthy	Unhealthy	Increase in smoke expected Saturday morning.
Hyampom	Hazardous	Very Unhealthy	Unhealthy	Increase in smoke expected Saturday morning.
Weaverville	Very Unhealthy	Unhealthy	Unhealthy	Forecast is also representative of the upper Trinity River and Trinity National Recreation Area.
Anderson/Redding	Moderate	Moderate	Moderate	

Disclaimer: Forecast conditions represent air quality levels affected by fine particulates; contribution from ozone and other pollutants is not reflected. 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

Links:

AirNow - http://airnow.gov/index.cfm?action=airnow.local_state&stateid=5&tab=0

California Smoke Information Blog - <http://californiasmokeinfo.blogspot.com/>

North Coast Unified Air Quality Management District <http://www.ncuaqmd.org/>

Shasta County APCD http://www.co.shasta.ca.us/index/drm_index/aq_index.aspx

Siskiyou County APCD <http://www.co.siskiyou.ca.us/content/agriculture-air-pollution-control-district>

Smoke Monitoring Information - <http://smoke.airfire.org/monitoring/#/>

[Wildfire Smoke – A Guide for Public Health Official](#) from California Air Resource Board

[Wildland Fire Personnel Smoke Exposure Guidebook](#) from National Interagency Fire Center

[Smoke: Knowing the Risks video \(14 minutes\)](#) from WFStar