

FIRE, WEATHER AND SMOKE SYNOPSIS

Fire Behavior Summary: There will be little change in the weather from yesterday, with the exception of a decreased threat of afternoon thunderstorms. Temperatures on the fire line will range in the upper 70's to low 80's and humidity will be in the mid to upper 20% range. Winds will be from the northwest this morning becoming southeast late morning to southwest and west in the afternoon. Without the cloud cover there is a greater potential for more active fire behavior this afternoon than we've seen over the last couple of days.

Smoke Summary: With increased burning expected over the next few days, downwind communities such as Johnsondale, Kennedy Meadows, Kernville will likely see more smoke impacts during that time. Inyokern, Ridgecrest and communities along the east side of the Sierra and as far north as Bishop may also see greater smoke impacts during this time. Additional fires burning in Southern California have the potential to further impact communities on the western and eastern side of the Sierra; this summary is focused on smoke impacts of the Schaeffer fire.

Air Quality Outlook (Smoke Related – PM2.5 only. Forecasts based on modeled smoke dispersion)

Sites with air quality monitors (based on Air Quality Index for each 24-hr day)

Site	Yesterday	Today (7/12)	Tomorrow (7/13)	Smoke Notes for Today
Ash Mtn	Moderate	Moderate	Moderate	
Bishop	Good	Good	Good	
Coso Junc.	Moderate	Moderate	Moderate	
Johnsondale	Moderate	Moderate	Moderate	Highest smoke concentrations late morning to noon.
Kennedy Mdw	Moderate	USG	USG	Highest smoke concentrations in the morning and evening. May reach Unhealthy during these periods.
Keeler	Moderate	Moderate	Moderate	
Kernville	Moderate	USG	USG	Highest smoke concentrations tomorrow morning; may reach Unhealthy levels before inversion lifts by tomorrow noon.
Lone Pine	Moderate	Moderate	Good	
Manzanar	Good	Moderate	Good	
Olancha	Moderate	Moderate	Good	
Porterville	Moderate	Moderate	Moderate	
Visalia	Good	Moderate	Moderate	
Three Rivers	Moderate	Moderate	Moderate	
White Mtn	Good	Good	Good	

Disclaimer: Conditions may change quickly. These predictions are based on anticipated weather and fire activity.

USG – Unhealthy for Sensitive Groups

Check out these links for additional information on wildfire smoke and your health.

Centers for Disease Control and Prevention: Protect Yourself from wildfire smoke

<https://www.cdc.gov/features/wildfires/index.html>

Real-time Air Quality Monitoring (Find the link “Fires: Current Conditions” to see a map).

<https://tinyurl.com/yberjlfk>

California Smoke Blog

<http://californiasmokeinfo.blogspot.com>

Real Time Air Quality (caution: data is raw and not representative for regulatory purposes)

<https://app.airsis.com/USFS/UnitMap>