



# Smoke Outlook

## Northern California

8/22 - 8/23

Issued by [Wildland Fire Air Quality Response Program](#) on August 22, 2023 at 08:06 AM PDT

### Fire

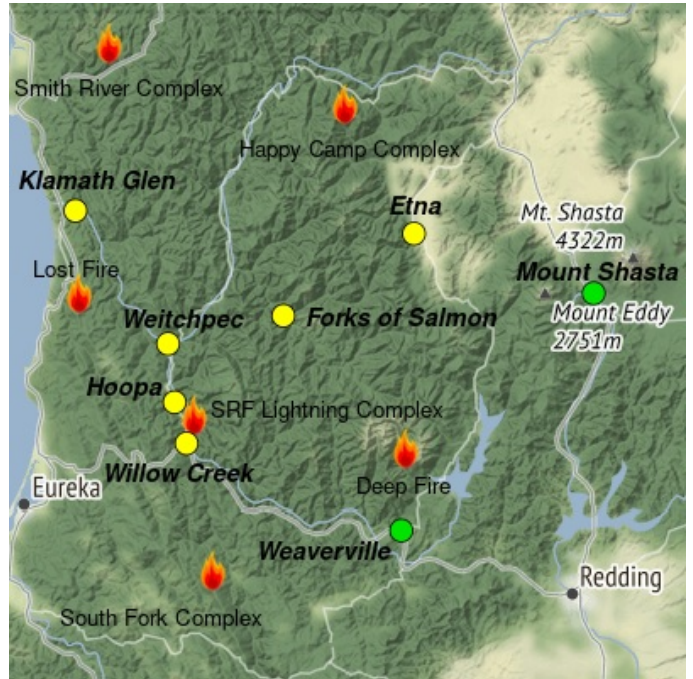
24-hour rainfall amounts between 1/4" and 1/2" with isolated 1"+ were widespread across the eastern half of the area. Farther west, little to no wetting rainfall observed on the larger fires that comprise the Six Rivers Lightning Complex, Lost Fire and the Smith River Complex that remains the largest and most active in the region. Actively backing and flanking fire on these large complexes as well as strategic burning operations on the Lost Fire will continue to impact air quality. For more detailed information please visit [InciWeb](#)

### Smoke

**Key Messages:** (1) Smoke dispersion will be favorable today as moderate SW transport winds develop amidst an unstable air mass. (2) Heavy smoke originating from the Smith River Complex should push southeast tonight into Wed. Substantial improvement in air quality across eastern portions of the area past 24-hours extended even farther west than expected. Weitchpec, Hoopa and Willow Creek improved to MODERATE for the first time in 5 days with GOOD conditions at Forks of Salmon also for the first time since 8/16. Meanwhile, heavy smoke from the Smith River Complex significantly impacted inland valleys of sn Del Norte and nrn Humboldt counties. Smoke levels near Klamath were the highest in over a week. For today, MODERATE to locally GOOD conditions are generally expected for western areas with predominately GOOD air quality in the east.

### Did You Know?

The [California Smoke Blog](#) is a great resource for daily smoke information.



Daily AQI Forecast\* for Tuesday

Station	Yesterday	Mon	Comment for Today -- Tue, Aug 22	Forecast*	
	hourly	8/21		Tue	Wed
	6a noon 6p			8/22	8/23
Weaverville			GOOD air quality, overall, with periods of MODERATE mainly mornings and evenings		
Etna	No hourly data		Mainly GOOD air quality today; Heavy smoke returns tonight-Wednesday.		
Forks of Salmon	No hourly data		Mainly GOOD air quality today; Heavy smoke returns tonight-Wednesday.		
Willow Creek			MODERATE if not GOOD air quality today; Increasing smoke impacts on Wednesday.		
Hoopa			MODERATE if not GOOD air quality today; Increasing smoke impacts on Wednesday.		
Weitchpec			MODERATE if not GOOD air quality today; Increasing smoke on Wednesday.		
Klamath Glen			MODERATE, overall, air quality with periods of USG especially at night.		
Mt Shasta			Predominately GOOD air quality today; moderate smoke impacts likely tonight-Wed.		

Issued Aug 22, 2023 by Kerry Jones Air Resource Advisor

Air Quality Index (AQI)	Actions to Protect Yourself
Good	None
Moderate	Unusually sensitive individuals should consider limiting prolonged or heavy exertion.
USG	People within Sensitive Groups* should <b>reduce</b> prolonged or heavy outdoor exertion.
Unhealthy	People within Sensitive Groups* should <b>avoid all</b> physical outdoor activity.
Very Unhealthy	Everyone should avoid prolonged or heavy exertion.
Hazardous	Everyone should avoid any outdoor activity.

\***Disclaimer:** This forecast is based on fine particulates only; ozone is not included. Forecasts may be wrong; use at own risk. Use caution as conditions can change quickly. See your health professional as needed. Smoke sensitive groups should take appropriate precautions.

