



Smoke Outlook

Northern California

8/21 - 8/22

Issued by [Wildland Fire Air Quality Response Program](#) on August 21, 2023 at 08:09 AM PDT

Fire

Numerous wildfires are burning throughout the Greater NW California region, including many that are in extremely rugged, complex terrain with limited access. Within the outlook area the **Happy Camp Complex**, **Six Rivers NF Lightning Complex**, and **Deep Fire** are the largest and will continue to impact air quality. For more information on these fires and others in the region please visit [InciWeb](#)

Smoke

Key Messages: (1) Broad improvement in AQ for eastern portions of the area today, particularly locations not near the larger fires. (2) Only slight improvement if any for the Hoopa Valley, Klamath Valley corridor and NW valleys; however, widespread UNHEALTHY to VERY UNHEALTHY conditions likely to persist.

A more favorable fire environment forecast across the eastern two-thirds of the outlook area in near-term owing to cloud cover, cooler temperatures/higher humidity, and increased wetting rainfall coverage. Steadier and heavier rainfall will generally remain east of the largest fires/complexes and only modest decreases if any in fire danger are anticipated for the far west and northwest portions of the area to include Willow Creek, Hoopa, and the Klamath River Valley. Cautiously optimistic for improved dispersion Tuesday late morning into the afternoon, but any improvement will be brief as a significant clearing event is not expected at this time.



Daily AQI Forecast* for Monday

Station	Yesterday hourly	Sun 8/20	Comment for Today -- Mon, Aug 21	Forecast*	Mon 8/21	Tue 8/22
Weaverville			GOOD air quality, overall, with periods of MODERATE mainly Tue morning & eve.			
Mt Shasta			GOOD air quality overall with haze/smoke aloft increasing overnight-Tuesday.			
Klamath Glen			GOOD to occasionally MODERATE air quality with considerable haze.			
Etna	No hourly data		Sustained improving trend today; increasing impacts Tue PM.			
Forks of Salmon	No hourly data		Sustained improving trend today; increasing impacts Tue PM.			
Hoopa			Slight overall improvement today; little better dispersion potential Tuesday.			
Weitchpec			Overall, UNHEALTHY to VERY UNHEALTHY air quality through tonight.			
Willow Creek			Slight improvement today; better potential for increased dispersion on Tuesday.			

Issued Aug 21, 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 reduce prolonged or heavy outdoor exertion.
Unhealthy	People within Sensitive Groups* should avoid all 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.

Additional Links

[California Smoke Blog](http://californiasmokeinfo.blogspot.com/) -- <http://californiasmokeinfo.blogspot.com/>

[Current CalFire Incident Map](https://www.fire.ca.gov/incidents/) -- <https://www.fire.ca.gov/incidents/>



Issued by Interagency Wildland Fire Air Quality Response Program -- www.wildlandfiresmoke.net

Northern California Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/c1606dd3>

*Smoke and Health Info -- www.airnow.gov/air-quality-and-health