



Smoke Outlook

Northwest California-Interior

8/25 - 8/26

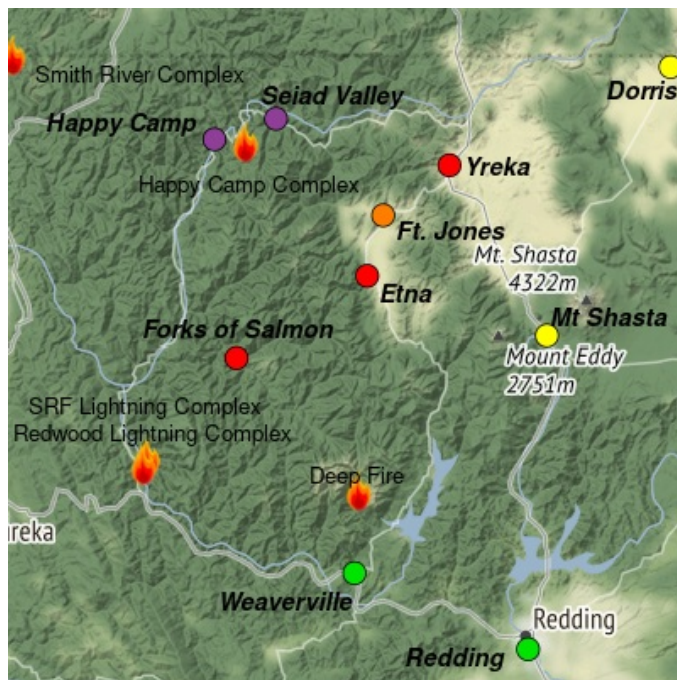
Issued by [Wildland Fire Air Quality Response Program](#) on August 25, 2023 at 08:02 AM PDT

Fire

Numerous fires burning across the interior of NW CA will continue to significantly impact air quality throughout the region. The two largest fire complexes; Smith River Complex (57,225 ac.; 0% containment) and Happy Camp Complex (15,972 ac.; 11% of perimeter contained), are the primary sources of heavy smoke in the outlook area. Approx. 30% of the Happy Camp Complex's estimated acres are fires in the vicinity of the Highway 96 corridor downriver of Happy Camp. For more detailed information please visit: [InciWeb](#).

Smoke

Transport winds from the south-southwest will not be quite as noticeable today with a trend toward light, terrain-driven winds this weekend and slightly stronger nighttime inversions. For today, moderate-good dispersion will bring improved AQ to eastern parts of the outlook area once again midday into the afternoon. However, heavy smoke will again push east-northeast with air quality quickly deteriorating for Forks of Salmon this afternoon, and for Yreka and Scott Valley region by mid-evening. Meanwhile, Happy Camp and moreso Seiad Valley will experience only brief improvement this afternoon. Looking ahead, strengthening westerly transport winds early next week may potentially scrub some smoke from the NW valleys bringing more sustained relief and periods of improvement during the afternoons/early evenings, especially Tuesday.



Daily AQI Forecast* for Friday

Station	Yesterday hourly	Thu 8/24	Comment for Today -- Fri, Aug 25	Forecast*	Fri 8/25	Sat 8/26
Weaverville	6a noon 6p	●	GOOD, overall, with periods of MODERATE air quality at times mainly mornings.		●	●
Redding		●	GOOD air quality, overall, with brief periods of MODERATE each morning.		●	●
Mt Shasta		●	MODERATE air quality during the day, UNHEALTHY by evening.		●	●
Ft. Jones		●	Periods of MODERATE each afternoon; otherwise, UNHEALTHY air quality to persist.		●	●
Etna	No hourly data		Periods of MODERATE each afternoon; otherwise, UNHEALTHY air quality to persist.		●	●
Happy Camp		●	Slight improvement midday thru late afternoon each day; VERY UNHEALTHY overall.		●	●
Seiad Valley		●	Slight improvement midday thru late afternoon each day; VERY UNHEALTHY overall.		●	●
Forks of Salmon	No hourly data		Heavy smoke increases significantly beginning mid to late afternoon		●	●
Yreka		●	MODERATE to GOOD each afternoon; UNHEALTHY mid-evening thru morning hours.		●	●
Dorris	No hourly data		Generally MODERATE afternoon/early eve; UNHEALTHY nighttime and morning.		●	●

Issued Aug 25, 2023 by Kerry Jones, Air Resource Advisor (kerry.jones@usda.gov)

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](https://californiasmokeinfo.blogspot.com/) -- <https://californiasmokeinfo.blogspot.com/>

[Smoke Ready California](https://ww2.arb.ca.gov/smokereadyca) -- <https://ww2.arb.ca.gov/smokereadyca>



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 Northwest California-Interior Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/9a1fc87b>
 *Smoke and Health Info -- www.airnow.gov/air-quality-and-health