



Smoke Outlook

Northwest California-Interior Happy Camp Complex

8/28 - 8/29

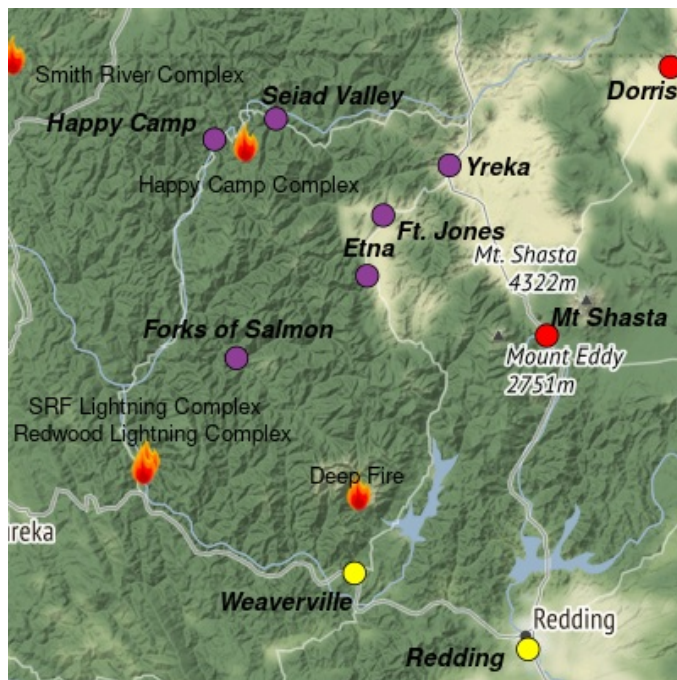
Issued by [Wildland Fire Air Quality Response Program](#) on August 28, 2023 at 08:09 AM PDT

Fire

Dry, warm, and unstable conditions the past two days have increased fire activity/smoke production. Approx. 1,357 acres have burned since 8/25. General winds strengthening and gradually shifting clockwise during the next 24-36 hours will be associated with a dry Pacific cold front that should pass through tonight-Tue AM. **This weather system will bring the most changeable smoke conditions in nearly a week.** Additional details on the [Happy Camp Complex](#) (19,204 ac.; 29% of perimeter contained) and other fires in the region are available at inciweb.nwcg.gov

Smoke

Transport winds broadly from the W-NW this afternoon will become NW or N and stronger tonight through Tuesday morning. While near-surface smoke will likely not be fully scrubbed from the NW valleys in this favorable dispersion pattern, there's good potential for at least widespread improvement for many locations in the northwest part of the outlook area going into Tuesday. Active fires to the west/northwest of the Complex will push elevated smoke over Happy Camp and Seiad Valley, but air quality overall should briefly improve. What's looking more certain are widespread and longer-lasting UNHEALTHY or worse impacts during the next 24-hours for the Shasta Valley to include Yreka, Scott Valley with potentially USG extending into the northern end of the Sacramento Valley.



Daily AQI Forecast* for Monday

Station	Yesterday			Sun 8/27	Comment for Today -- Mon, Aug 28	Forecast*	
	hourly					Mon 8/28	Tue 8/29
Mt Shasta	6a noon 6p			●	Heavy smoke impacts this evening through Tue AM; improving Tue PM.	●	●
Dorris	No hourly data				Improving to GOOD this afternoon; increasing smoke impacts Monday-Tuesday.	●	●
Redding				●	GOOD to MODERATE air quality; main concern tonight with light smoke from north.	●	●
Weaverville				●	GOOD to MODERATE air quality; main concern tonight with light smoke from north.	●	●
Etna				●	VERY UNHEALTHY conditions, overall, today. Somewhat cleaner air arrives Tue PM.	●	●
Yreka				●	VERY UNHEALTHY, overall, today-tonight. Improving air quality Tuesday.	●	●
Forks of Salmon	No hourly data				VERY UNHEALTHY air quality, overall, today. Some improvement Tuesday.	●	●
Ft. Jones				●	VERY UNHEALTHY conditions, overall, today. Somewhat cleaner air arrives Tue PM.	●	●
Happy Camp				●	VERY UNHEALTHY, overall, today. Improved dispersion Monday PM-Tuesday.	●	●
Seiad Valley				●	VERY UNHEALTHY, overall, today. Improved dispersion and better AQ on Tuesday.	●	●

Issued Aug 28, 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>



Issued by Interagency Wildland Fire Air Quality Response Program -- www.wildlandfiresmoke.net
 Northwest California-Interior Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/9a1fc87b>
 *Smoke and Health Info -- www.airnow.gov/air-quality-and-health