



# Smoke Outlook

## Northwest California-Interior Happy Camp Complex

8/29 - 8/30

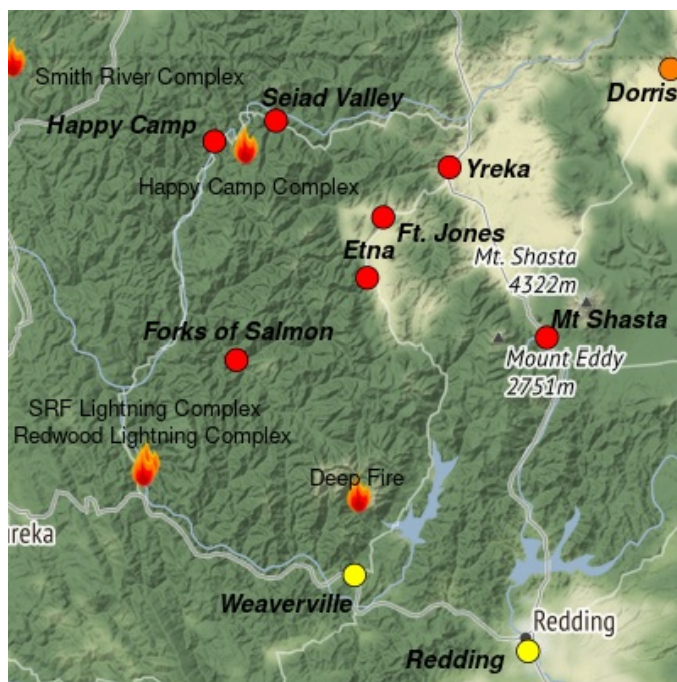
Issued by [Wildland Fire Air Quality Response Program](#) on August 29, 2023 at 07:45 AM PDT

### Fire

Firefighters continue building fire lines across the west and north flanks of the Head Fire, near the community of Hamburg, and improving the existing fire line on the east side. On the Scott Fire, pockets of vegetation within the interior will continue to burn. The complex has burned approximately 22,195 acres. Winds will continue to shift toward to south/southeast through the afternoon associated with a weak frontal passage. Additional details on the Happy Camp Complex (31% of perimeters contained) and other fires in the region are available at [inciweb.nwcg.gov](http://inciweb.nwcg.gov)

### Smoke

Last night transport winds shifted out of the NW/W. While smoke will not be fully scrubbed from the NW valleys today, there's good potential for at least widespread improvement for many locations in the northwest area of this outlook. This "cleaning event" will be pushing smoke to the South/Southeast degrading then improving conditions for Scott/Shasta Valleys. Active fires to the W/NW of the Complex will contribute smoke to western portions of the area, but there should be a brief reprieve to the air quality conditions this afternoon into the evening. **Precipitation events are anticipated late in the week. Trend toward moderate to good dispersion that will likely improve overall smoke conditions for most areas.**



Daily AQI Forecast\* for Tuesday

Station	Yesterday hourly	Mon 8/28	Comment for Today -- Tue, Aug 29	Forecast*	Tue 8/29	Wed 8/30
Yreka			Expect air quality improvements of short duration through this afternoon.			
Weaverville			GOOD to MODERATE air quality; main concern tonight with light smoke from north.			
Redding			MODERATE to USG air quality; winds patterns shifting more smoke into the area			
Mt Shasta			Heavy smoke impacts this evening through Tue AM; improving Tue PM.			
Ft. Jones			Air quality should have improvements of short duration this afternoon			
Etna			UNHEALTHY conditions, overall, with brief periods of cleaner air.			
Dorris	No hourly data		Air Quality will see improvements through the day			
Happy Camp			UNHEALTHY, overall, with brief periods of improvements today.			
Seiad Valley			VERY UNHEALTHY, overall, today with brief improvements			
Forks of Salmon	No hourly data		UNHEALTHY air quality, overall, today.			

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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.

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