



# Smoke Outlook

## Northern California-Coastal Mountains Boise Fire

# 8/22 - 8/23

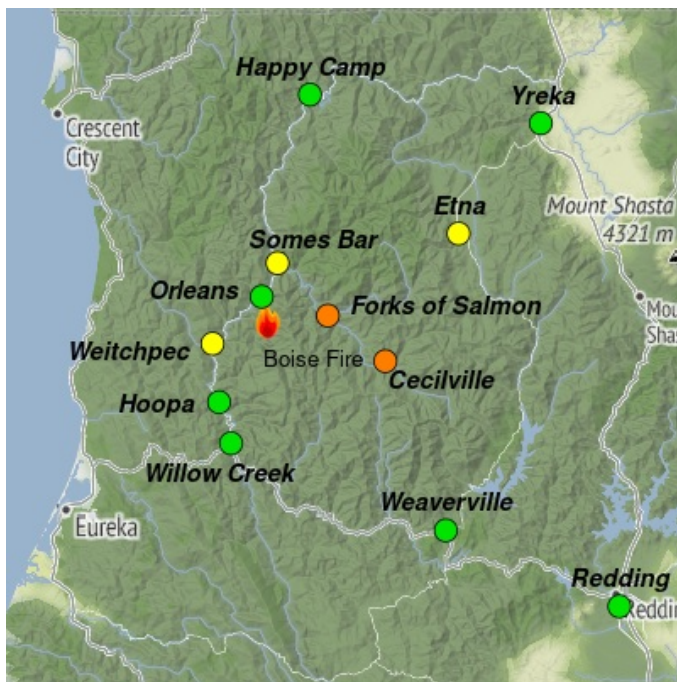
Issued by [Wildland Fire Air Quality Response Program](#) on August 22, 2024 at 07:41 AM PDT

### Fire

The **Boise Fire** is 12,842 acres and 28 percent contained. Isolated fire activity briefly increased late yesterday afternoon as winds and terrain aligned along the southeast corner of the fire generating a brief plume up to 11,000' MSL. Otherwise, fire behavior remained minimal and additional smoke production was relatively light. Higher humidity, increased cloud cover and areas of light rain or drizzle will further moderate fire behavior today before an **abrupt change to wetter and unseasonably cool weather arrives FRI-FRI NIGHT and substantially slows fire activity for at least a couple of days.**

### Smoke

Weaker morning inversions and strengthening marine push will promote cleaner air for most areas west of the fire later today. However, lower RH and mdt westerly winds above the marine layer may lead to new smoke near/above 2,000' MSL midday to early evening with smoke transport due east. Pockets of UNHEALTHY air quality can be expected today along portions of the Salmon River Rd., Forks of Salmon extending upriver toward Cecilville. Upvalley winds will hold MODERATE impacts near **Somes Bar** with mostly GOOD air quality elsewhere.



Daily AQI Forecast\* for Thursday

Station	Yesterday			Wed 8/21	Comment for Today -- Thu, Aug 22	Forecast*	
	6a	noon	6p			Thu 8/22	Fri 8/23
Etna	[AQI chart]			[Yellow]	MODERATE air quality, overall, today then much cleaner air for FRI.	[Yellow]	[Green]
Yreka	[AQI chart]			[Green]	GOOD air quality continues; elevated smoke layers may be visible to the SW.	[Green]	[Green]
Redding	[AQI chart]			[Green]	GOOD air quality expected through the weekend.	[Green]	[Green]
Weaverville	[AQI chart]			[Green]	GOOD air quality to continue; light smoke may be visible to the north.	[Green]	[Green]
Happy Camp	[AQI chart]			[Green]	GOOD to minimally MOD air quality today; significantly cleaner air for FRI.	[Green]	[Green]
Weitchpec	[AQI chart]			[Green]	MODERATE air quality early today then GOOD; significantly cleaner air on FRI.	[Yellow]	[Green]
Hoopa	[AQI chart]			[Green]	GOOD to locally MODERATE air quality today; significantly cleaner air on FRI.	[Green]	[Green]
Willow Creek	[AQI chart]			[Green]	GOOD air quality, overall, through the day; significantly cleaner air on FRI.	[Green]	[Green]
Orleans	[AQI chart]			[Green]	MODERATE air quality early today then GOOD; significantly cleaner air on FRI.	[Green]	[Green]
Somes Bar	No hourly data			[Green]	MODERATE air quality early today then GOOD; significantly cleaner air on FRI.	[Yellow]	[Green]
Forks of Salmon	No hourly data			[Green]	USG air quality today, overall, before significantly cleaner air arrives FRI.	[Orange]	[Green]
Cecilville	No hourly data			[Green]	USG air quality today, overall, before significantly cleaner air arrives FRI.	[Orange]	[Yellow]

Issued Aug 22, 2024 by Kerry Jones, Air Resource Advisor

Air Quality Index (AQI)	Actions to Protect Yourself
[Green] Good	None
[Yellow] Moderate	Unusually sensitive individuals should consider limiting prolonged or heavy exertion.
[Orange] USG	People within Sensitive Groups* should <b>reduce</b> prolonged or heavy outdoor exertion.
[Red] Unhealthy	People within Sensitive Groups* should <b>avoid all</b> physical outdoor activity.
[Purple] Very Unhealthy	Everyone should avoid prolonged or heavy exertion.
[Dark Red] 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/smokereadycalifornia) -- <https://ww2.arb.ca.gov/smokereadycalifornia>



Issued by Interagency Wildland Fire Air Quality Response Program -- [www.wildlandfiresmoke.net](http://www.wildlandfiresmoke.net)  
Northern California-Coastal Mountains Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/d75e4b36>  
\*Smoke and Health Info -- [www.airnow.gov/air-quality-and-health](http://www.airnow.gov/air-quality-and-health)