



Smoke Outlook

Northern California-Coastal Mountains Boise Fire

8/16 - 8/17

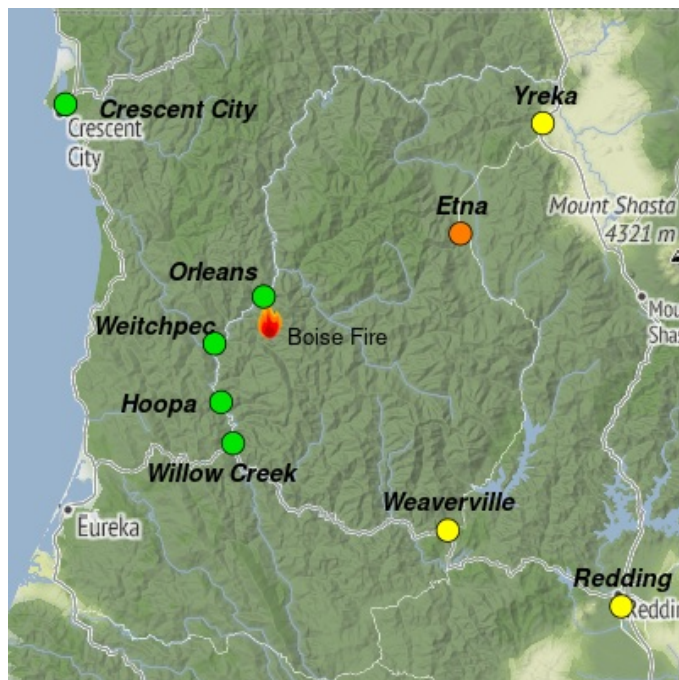
Issued by [Wildland Fire Air Quality Response Program](#) on August 16, 2024 at 08:13 AM PDT

Fire

The Boise Fire is estimated at 10,533 acres with containment at zero percent. Cooler temperatures and higher humidity on the fire were quite favorable yesterday and allowed firefighters to gain depth and secure lines for several key locations, particularly along the west side of the fire. Overall, fuels remain critically dry and fire activity has been primarily driven by heavy, dry fuels and the area's steep and complex terrain.

Smoke

Improvement in air quality, overall, is anticipated going into Saturday and Saturday Night, especially for locations east and southeast of the fire that have been the most heavily impacted during the past several days. Transport winds from the W-NW today will become more from the S-SW on Saturday and strengthen as the next Pacific storm system approaches the region. As a result, once the inversion breaks by early afternoon, new smoke will get pushed nearly due east today. Cooler temperatures and higher humidity will bring improved fire weather conditions on Saturday with generally less smoke production anticipated. Meanwhile, areas of moderate smoke will continue to settle along portions of the Highway 96 corridor immediately west of the fire but nighttime and morning impacts will be considerably more widespread over the Salmon River Watershed and deep valleys to the east of the fire extending southeast toward Weaverville.



Daily AQI Forecast* for Friday

Station	Yesterday			Thu 8/15	Comment for Today -- Fri, Aug 16	Forecast*	
	6a	noon	6p			Fri 8/16	Sat 8/17
Willow Creek	No hourly data				Generally GOOD air quality; periods of MODERATE smoke late afternoon and evening	●	●
Crescent City	No hourly data				GOOD air quality expected through the forecast period.	●	●
Yreka				●	GOOD to occasionally MODERATE air quality (mainly evenings) through the period.	●	●
Redding				●	MODERATE air quality throughout the day. Periods of USG north Redding this eve.	●	●
Weaverville				●	MODERATE air quality overall today; improving on SAT.	●	●
Orleans				●	Generally GOOD air quality with periods of MODERATE evenings and overnight.	●	●
Weitchpec				●	Generally GOOD air quality with periods of MODERATE evenings and overnight.	●	●
Etna				●	UNHEALTHY air quality late afternoon and evening. Some improvement on SAT.	●	●
Hoopa				●	Generally GOOD air quality with periods of MODERATE evenings and overnight.	●	●

Issued Aug 16, 2024 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](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
 Northern California-Coastal Mountains Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/d75e4b36>
 *Smoke and Health Info -- www.airnow.gov/air-quality-and-health