



# Smoke Outlook

## Salmon-Challis Idaho Elkhorn Fire

8/22 - 8/23

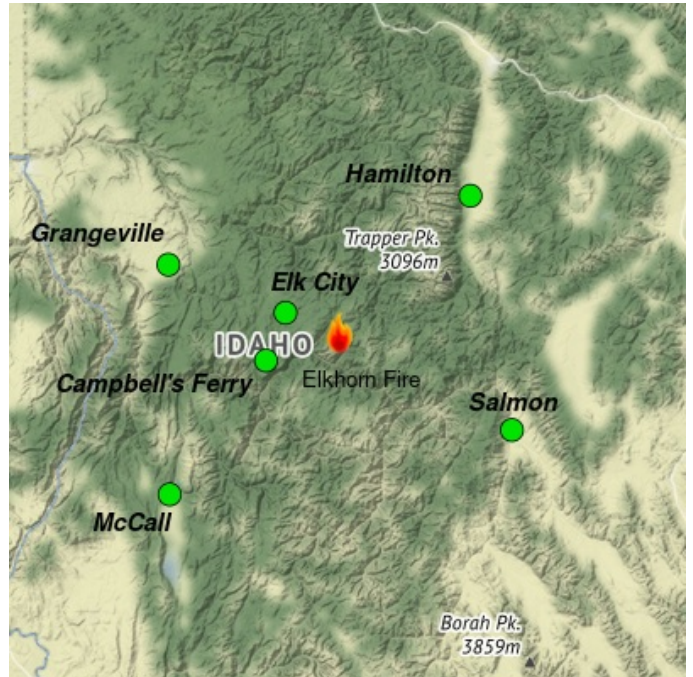
Issued by [Wildland Fire Air Quality Response Program](#) on August 22, 2023 at 07:36 AM MDT

### Fire

The Elkhorn Fire encompasses 26,048 acres and is 74% complete (visit [Inciweb-Elkhorn](#) for more details). The extensive rain across the region has reduced the fire's strength. It continues to smolder within dead and downed timber. Fortunately, we do not expect the fire to spread.

### Smoke

In the morning, downstream of the fire, the Salmon River basin should experience minimal smoke. However, there is a chance that smoke from the East Fire near Cascades, Idaho, might affect McCall. Conversely, Grangeville, Elk City, and Salmon are expected to have little to no smoke impact. Hamilton, MT, is also anticipated to have minimal to no influence from smoke.



Daily AQI Forecast\* for Tuesday

Station	Yesterday hourly			Mon 8/21	Comment for Today -- Tue, Aug 22	Forecast*	
	6a	noon	6p			Tue 8/22	Wed 8/23
Hamilton					Southerly winds will keep smoke out of the area for the next several days.		
Grangeville					surface smoke should be cleared out for the next 2-3 days.		
McCall					There may be some smoke in the morning from the East Fire		
Elk City					GOOD Air quality conditions today with very limited fire activity		
Salmon					Rain and southerly winds have eliminated the local wildfire smoke		
Campbell's Ferry	No hourly data				Very little smoke from the smoldering Elkhorn Fire		

Issued Aug 22, 2023 by Rob Fisher, Air Resource Advisor, [robertf64@vt.edu](mailto:robertf64@vt.edu)

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

[Fire & Smoke Map](https://fire.airnow.gov/) -- <https://fire.airnow.gov/>

[Payette National Forest Facebook](https://www.facebook.com/payettenationalforest) -- <https://www.facebook.com/payettenationalforest>

[Idaho DEQ Wildfire Smoke Page](https://www.deq.idaho.gov/air-quality/smoke-and-burning/wildfire-smoke/) -- <https://www.deq.idaho.gov/air-quality/smoke-and-burning/wildfire-smoke/>

[Salmon-Challis National Forest Facebook](https://www.facebook.com/salmonchallisnf) -- <https://www.facebook.com/salmonchallisnf>



Issued by Interagency Wildland Fire Air Quality Response Program -- [www.wildlandfiresmoke.net](http://www.wildlandfiresmoke.net)

Salmon-Challis Idaho Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/e397ee0b>

\*Smoke and Health Info -- [www.airnow.gov/air-quality-and-health](http://www.airnow.gov/air-quality-and-health)