



Smoke Outlook

Salmon-Challis Idaho Elkhorn Fire

8/21 - 8/22

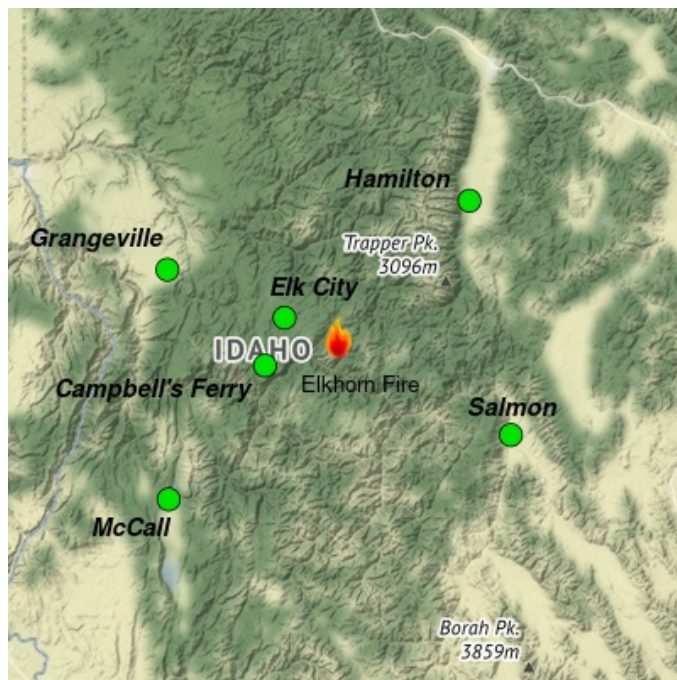
Issued by [Wildland Fire Air Quality Response Program](#) on August 21, 2023 at 06:40 AM MDT

Fire

The Elkhorn Fire encompasses 26,048 acres and is 68% complete (visit [Inciweb-Elkhorn](#) for more details). The widespread rainfall over the area has diminished the fire's intensity. The fire is persisting in the form of smoldering within dense, fallen timber. Thankfully, there is no anticipation of fire expansion along the Salmon River, thanks to the weather.

Smoke

In the morning, downstream from the fire, the Salmon River basin will encounter MODERATE smoke levels reaching as far as Riggins. However, this smoke is expected to dissipate by mid-morning. There's also a possibility of smoke from the East Fire near Cascades, Idaho affecting McCall. On the other hand, Grangeville, Elk City, and Salmon should experience minimal smoke impact. Hamilton, MT is expected to have little to no smoke influence.



Daily AQI Forecast* for Monday

Station	Yesterday hourly			Sun 8/20	Comment for Today -- Mon, Aug 21	Forecast*	
	6a	noon	6p			Mon 8/21	Tue 8/22
Hamilton				●	Smoke from local fires should be scoured out by southerly winds	●	●
Grangeville				●	Smoke should be cleared out for the next 2-3 days.	●	●
McCall				●	Expect GOOD air quality today and tomorrow	●	●
Elk City				●	GOOD conditions today, rain will hamper smoke production	●	●
Campbell's Ferry	No hourly data				Reduced smoke from lessened fire activity on the Elkhorn Fire	●	●
Salmon				●	Rain and southerly winds has reduced much of the local smoke influence	●	●

Issued Aug 21, 2023 by Rob Fisher, Air Resource Advisor, 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 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

[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

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

*Smoke and Health Info -- www.airnow.gov/air-quality-and-health