



Smoke Outlook

Salmon-Challis Idaho Elkhorn Fire

8/17 - 8/18

Issued by [Wildland Fire Air Quality Response Program](#) on August 17, 2023 at 08:00 AM MDT

Fire

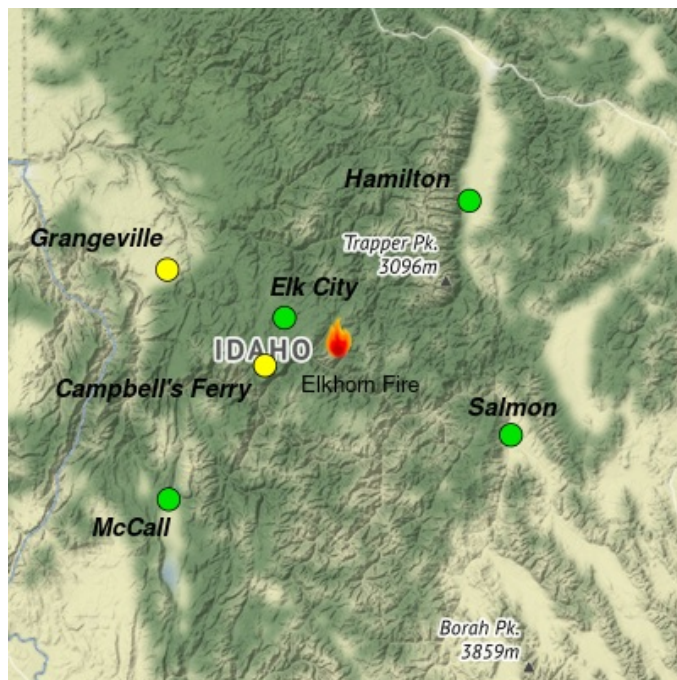
Continued high temperatures may contribute to group torching of trees with probable short uphill runs of fire in the upper elevations. However, large growth increases are not expected due to a stable atmosphere and hazy conditions dampening fire behavior. Also, fire is not expected near the Salmon River due to a lack of ignition sources. The fire stands at 26,048 acres burned and 45% completion (see [Incweb-Elkhorn](#)).

Smoke

High heat and dry conditions should increase smoke production on the Elkhorn Fire. Southwesterly transport winds may also bring light haze from fires in southern Oregon and Northern California into the wilderness airshed today, including the surrounding communities. Expect conditions of MODERATE in the Salmon River Corridor with decreased visibility due to smoke impacts, with general clearing in the late afternoon. Haze should persist though throughout the day. Agricultural burning in the Grangeville area have elevated air quality into the MODERATE for the last two days with short periods of USG.

Websites

- <https://fire.airnow.gov>
- <https://outlooks.airfire.org/outlook/e397ee0b>
- <https://map.purpleair.com>



Daily AQI Forecast* for Thursday

Station	Yesterday			Wed 8/16	Forecast*	Thu 8/17	Fri 8/18
	hourly						
	6a	noon	6p		Comment for Today -- Thu, Aug 17		
Grangeville					Expect MODERATE to USG from AG burning to the NW		
Hamilton					GOOD today		
McCall					Expect GOOD conditions with periods of MODERATE		
Elk City					GOOD conditions today		
Salmon					GOOD air quality throughout the day		
Campbell's Ferry	No hourly data				MODERATE for most of day, GOOD after 5PM to midnight		

Issued Aug 17, 2023 by john.iames@gmail.com (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.



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