



# Smoke Outlook

Central Idaho - Salmon Challis Hayden Fire

7/28 - 7/29

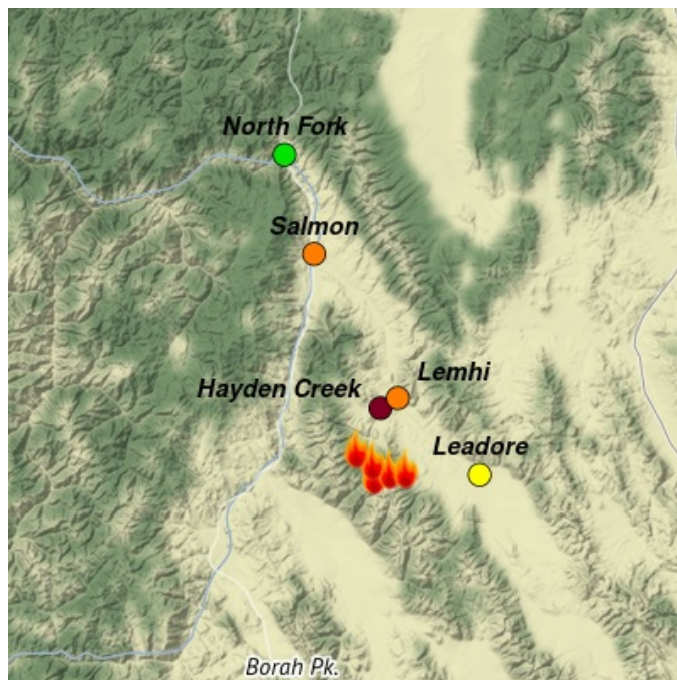
Issued by Wildland Fire Air Quality Response Program on July 28, 2023 at 10:36 AM MDT

## Fire

High pressure will begin to move into the region today. With continued winds, dry conditions, and warm temperatures, another Red Flag Warning was issued and critical fire weather is expected. Flanking/backing fire with moderate runs, group torching, and spotting is likely. As the fire moves into lighter fuels and the Tobias (2003) burn scar on the northeastern perimeter, moderate fire behavior is anticipated. Mid-level moisture moves in on Saturday, bringing mostly cloudy conditions and lessening fire behavior. This will give firefighters increased opportunities to reinforce lines and improve containment.

## Smoke

This morning, Tendoy to Leadore experienced moderate-to-heavy smoke, with highest concentrations east of the fire. This afternoon, smoke at Hayden Creek and Lemhi will increase due to the proximity to fire activity. As the fire becomes more active, multiple smoke columns will develop and the plume will track northeast into Montana. Expect daytime smoke impacts along HWY 28 affecting the communities in the Lemhi Valley including Hayden Creek, Lemhi, Leadville, and Leadore, and over the Bannock Pass in the Beaverhead Mountains to Grants, Clark Canyon Reservoir, and Dillon, Montana. Overnight, smoke will fan out from Tendoy to Leadore bringing moderate-to-heavy smoke. Communities in the immediate drainages of active fire will have heaviest smoke concentrations. By Saturday afternoon, incoming cloud cover will decrease fire activity; however, as the fire perimeter expands into lower elevations, increased smoke along HWY 28 to Salmon is expected.



Daily AQI Forecast\* for Friday

Station	Yesterday hourly			Thu 7/27	Comment for Today -- Fri, Jul 28	Forecast*	
	6a	noon	6p			Fri 7/28	Sat 7/29
Hayden Creek					Intense smoke until evening, slight decrease possible with a NW wind.		
Leadore					Intermittent smoke, higher impacts near the fire perimeter.		
Lemhi					Smoke impacts throughout the day, relief at night with NW winds.		
North Fork	No hourly data				Light-to-Moderate smoke impacts from multiple wildfires.		
Salmon					Incoming smoke from western fires and late morning to midday smoke from Hayden.		

Issued Jul 28, 2023 by A. Ortega, amber.ortega@usda.gov

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/>

Idaho Dept. of Environmental Quality -- <https://www.deq.idaho.gov/air-quality/>

Hayden Fire Information -- <https://inciweb.nwcg.gov/incident-information/idscf-hayden-fire>

--



Issued by Interagency Wildland Fire Air Quality Response Program -- [www.wildlandfiresmoke.net](http://www.wildlandfiresmoke.net)  
Central Idaho - Salmon Challis Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/35739c39>  
\*Smoke and Health Info -- [www.airnow.gov/air-quality-and-health](http://www.airnow.gov/air-quality-and-health)