



Smoke Outlook

Central Idaho - Salmon Challis Hayden Fire

7/30 - 7/31

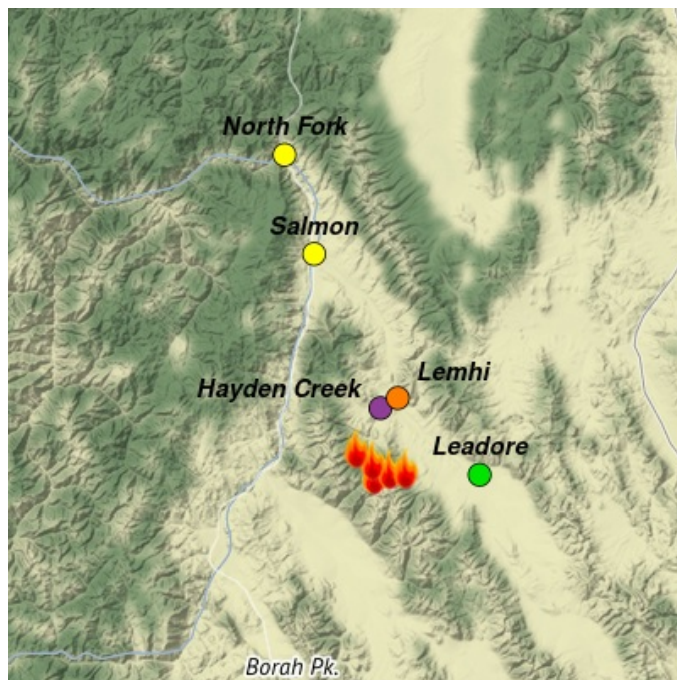
Issued by Wildland Fire Air Quality Response Program on July 30, 2023 at 08:47 AM MDT

Fire

Today, critical fire weather brings increasing winds, decreasing clouds, and low humidity this afternoon. Active fire is anticipated along the eastern flank with group torching, passive crown runs, and spotting as afternoon gusty winds align with terrain. Suppression efforts focused on northwestern portions of the fire will solidify control lines and add containment. Overnight, relative humidity will remain low allowing active fire all night. This trend will continue into Monday until a transition to wetter and cooler weather moves in midweek.

Smoke

Overnight, smoke from fire activity and residual smoldering drained into Hayden Creek, Lemhi, and northward to Salmon. Today, morning smoke levels will decrease with afternoon mixing, clearing by midday. During daytime fire activity, the smoke column will track to the northeast early afternoon transitioning and east by evening. Tonight into Monday morning: heavy smoke will impact Hayden Creek; moderate smoke from Lemhi north to Tendoy, Baker, and Salmon; and light smoke south of the fire from Lemhi into Leadore. Areas in the immediate vicinity and drainages of active fire, Hazardous to Very Unhealthy smoke will roll in from nightfall into late morning each night. The daily evolution of smoke concentrations will continue until Tuesday into Wednesday when a weather shift is anticipated.



Daily AQI Forecast* for Sunday

Station	Yesterday hourly			Sat 7/29	Comment for Today -- Sun, Jul 30	Forecast*	Sun 7/30	Mon 7/31
	6a	noon	6p					
North Fork	No hourly data				Light-to-moderate smoke impacts from multiple wildfires.			
Salmon					Smoky conditions expected early to late morning each day, clearing by evening.			
Hayden Creek					Intense smoke until late morning each day, clearing by late afternoon.			
Lemhi					Smoke impacts overnight, general light-to-moderate smoke midday into evening.			
Leadore					Intermittent smoke, higher impacts near the fire perimeter.			

Issued Jul 30, 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 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/>

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

[Hayden Fire Information](https://inciweb.nwcg.gov/incident-information/idsf-hayden-fire) -- <https://inciweb.nwcg.gov/incident-information/idsf-hayden-fire>

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Issued by Interagency Wildland Fire Air Quality Response Program -- 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