



Smoke Outlook

Salmon Challis Redrock, Garden, Mowitch/Birch

10/16 - 10/17

Issued by [Wildland Fire Air Quality Response Program](#) on October 16, 2024 at 07:24 AM MDT

Special Statement

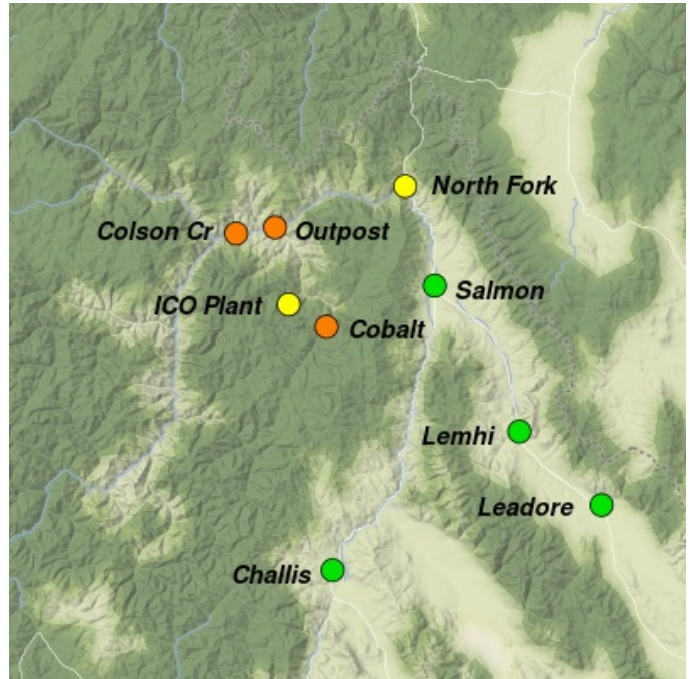
IDAHO DEQ has issued an air quality advisory to advise residents of Lemhi County of degraded air quality. No open burn rule is in effect.

Fire

Incoming cold front will try to test containment lines and control features with increasing winds. Thankfully these winds are accompanied by cold temperatures and moisture which will limit active fire growth and smoke production.

Smoke

HURRAY! After ten long days of minimal air movement and heavy smoke pooling in drainages, today's cold front will bring much needed relief to the entire forecast area. Expect a very visible band of thick smoke well above surface level as winds push out accumulated concentrations. Cobalt, Panther Cr, Deep Cr, and River Rd will see smokey but improving conditions as smoke channels through on its way to Darby and Dillon. High potential that all locations will see significant improvement in air quality by late evening and limited overnight pooling of remaining smoke in the area. Continued cold and wet conditions will trade smokey skies with smoke-free cloudy skies- enjoy!



Daily AQI Forecast* for Wednesday

Station	Yesterday			Tue 10/15	Comment for Today -- Wed, Oct 16	Forecast*	
	hourly					Wed 10/16	Thu 10/17
Leadore	6a	noon	6p		Very visible band of smoke across the valley, no surface impacts just hazy	●	●
Lemhi	No hourly data				Light haze AM, with improving views all afternoon and evening	●	●
Salmon				●	Thick band of high-level smoke with occasional MOD-USG surface as winds arrive	●	●
Challis	No hourly data				Clear skies with limited surface level impacts	●	●
North Fork	No hourly data				Smoky start with clear PM as winds clear out the river drainages towards Darby	●	●
Cobalt				●	Winds will start to push out drainage smoke mid-day, with improved air in PM	●	●
Duncan's Outpost	No hourly data				Thick smoke this AM, dramatic improvement by late evening and overnight	●	●
Colson's Creek	No hourly data				Heavy smoke this AM will start clearing out mid-day as winds sweep out smoke	●	●
ICO Plant	No hourly data				UNHEALTHY this AM with improving conditions starting mid-day, clear in PM	●	●

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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

[Inciweb- Red Rock/Black Diamond](#) -- <https://inciweb.wildfire.gov/incident-information/idscf-red-rock-fire>

[Inciweb- Garden Fire](#) -- <https://inciweb.wildfire.gov/incident-information/idscf-garden-fire>

[Salmon Challis National Forest](#) -- <https://www.fs.usda.gov/main/scnf/fire>