



Smoke Outlook

Salmon Challis Idaho Moose

8/10 - 8/11

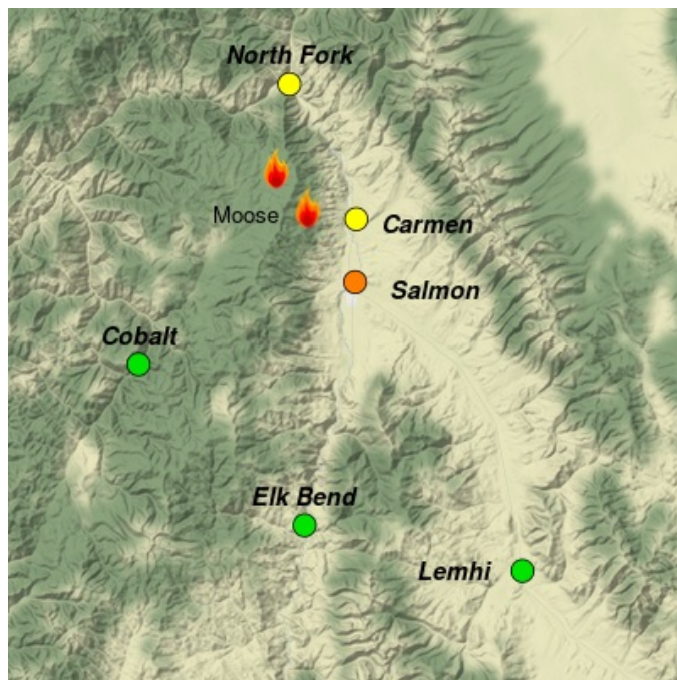
Issued by Wildland Fire Air Quality Response Program on August 10, 2022 at 07:42 AM MDT

Fire

A reduced level of fire activity is expected today under clouds and a moister atmosphere. Most activity will be to the west near Beaver Creek & Haystack Mtn and to the south near Jackass Ridge. Thunderstorms and precipitation are likely in the early evening. If wetting rain (.10") or more falls on the fire area, fire behavior may be further moderated. Details on the Moose Fire are available at "[Moose fire Inciweb](#)"

Smoke

Most AQI readings across the forecast area will be in the Good to Moderate range this AM. We will spend most of the day under cloud cover and see a return to SW winds in the afternoon; however, with the chance of thunderstorms, erratic outflow winds are possible. Terrain driven winds and up-valley smoke transport are expected in the late afternoon/evening. There will likely be some smoke settling in Carmen, Salmon, and the Lemhi Valley by the late evening. Those locations will likely see periods of Moderate to USG before improving through the overnight hours. The SW winds should be a favorable wind direction for areas to the south and west of the fire. Cobalt, Elk Bend, and Lemhi should see predominantly Good air quality. Tomorrow, light SW winds and a slight chance of light perception are in the forecast.



Daily AQI Forecast* for Wednesday

Station	Yesterday hourly	Tue 8/09	Comment for Today -- Wed, Aug 10	Forecast*	Wed 8/10	Thu 8/11
Cobalt	6a noon 6p	●	Moderate in the AM, becoming Good before smoke settles in the PM		●	●
Elk Bend	No hourly data		Good in the AM with potential for periods of Moderate in late PM		●	●
North Fork		●	Moderate in the AM with potential for USG in the evening		●	●
Salmon		●	Moderate in the AM with potential for USG in the evening		●	●
Carmen		●	Moderate to Good in the AM with potential for USG in the afternoon/evening		●	●
Lemhi		●	Good in the AM with potential for periods of Moderate in late PM		●	●

Issued Aug 10, 2022 by Seth Morphis (ARA) - Seth.Morphis@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

Moose Fire Incident Information -- <https://inciweb.nwcg.gov/incident/8249/>
 Smoke and Fire Map -- Moose Fire -- https://fire.airnow.gov/?aqi_v=1&m_ids=c05598cd18efa3c7_840MMFS10019&pa_ids=#
 Moose Fire Twitter -- <http://#MooseFire>

Idaho Dept of Environmental Quality -- <https://www.deq.idaho.gov/air-quality/>
 Purple Air PM 2.5 Monitoring -- <https://www2.purpleair.com/>
 Montana Dept of Environmental Quality -- <https://deq.mt.gov/air/>



Issued by Interagency Wildland Fire Air Quality Response Program -- www.wildlandfiresmoke.net
 Salmon Challis Idaho Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/5e1c2924>
 *Smoke and Health Info -- www.airnow.gov/air-quality-and-health