



Smoke Outlook

Salmon Challis Idaho Moose-Owl

9/21 - 9/22

Issued by Wildland Fire Air Quality Response Program on September 21, 2022 at 07:45 AM MDT

Fire

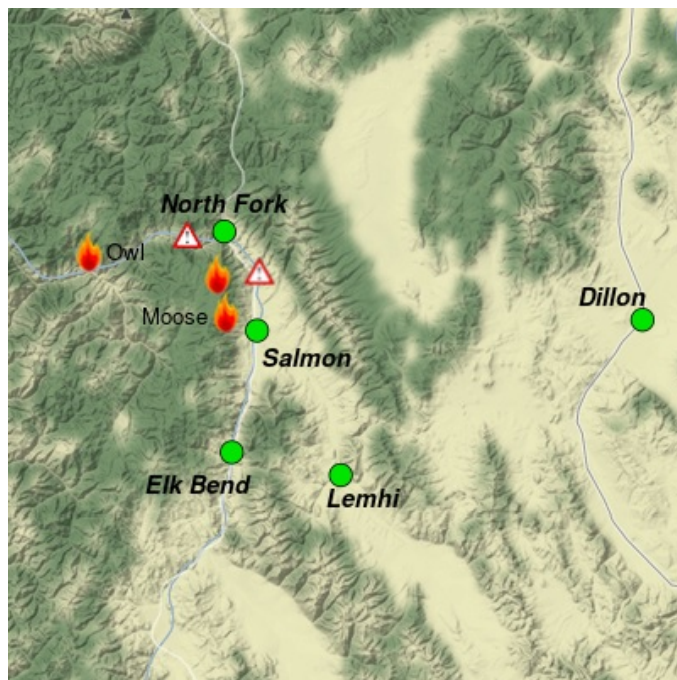
The Moose Fire is 130,109 acres and 51% contained. The Owl Fire is estimated at 747 acres and its perimeter is 100% contained. Details regarding the Moose and Owl fires are available at [Moose and Owl Fires Inciweb](#)

Smoke

Air quality will remain Good across the area today ahead of a wet Pacific storm system that is expected to bring **widespread, potentially significant precipitation to the Salmon and Lemhi valleys this afternoon through Thursday**. Even cleaner air overall going into Thursday and Friday. Smoke production will be substantially lessened by the wet and cool weather. Of particular concern during this period will be locally reduced visibilities along U.S. 93 tonight into Thursday in patchy fog; however, unlike last Tuesday when smoke-induced fog was particularly impactful, any fog should be patchier in nature due to substantially less smoke near the surface. Drier and warmer conditions return Friday and Saturday though air quality will likely remain Good areawide.

Safety Message

For the latest information and updates from the National Weather Service regarding hazardous weather to include the latest watches, warnings and advisories, please visit [NWS Missoula main page](#).



Daily AQI Forecast* for Wednesday

Station	Yesterday			Tue 9/20	Comment for Today -- Wed, Sep 21	Forecast*	
	hourly					Wed 9/21	Thu 9/22
North Fork	6a	noon	6p	●	Good air quality expected through Thursday.	●	●
Salmon				●	Good air quality overall through Thursday.	●	●
Lemhi				●	Good air quality expected through Thursday.	●	●
Elk Bend	No hourly data				Good air quality expected through Thursday.	●	●
Dillon				●	Good air quality overall through Thursday.	●	●

Issued Sep 21, 2022 by Kerry Jones (ARA) - kerry.jones@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/) -- <https://inciweb.nwcg.gov/incident/8249/>
[Purple Air PM 2.5 Monitoring](https://www2.purpleair.com/) -- <https://www2.purpleair.com/>
[Idaho Dept of Environmental Quality](https://www.deq.idaho.gov/air-quality/) -- <https://www.deq.idaho.gov/air-quality/>

[Smoke and Fire Map -- Moose Fire](https://fire.airnow.gov/?aqi_v=1&m_ids=c05598cd18efa3c7_840MMFS10019&pa_ids=#) -- https://fire.airnow.gov/?aqi_v=1&m_ids=c05598cd18efa3c7_840MMFS10019&pa_ids=#
[Moose Fire Twitter](http://#MooseFire) -- <http://#MooseFire>
[Montana Dept of Environmental Quality](https://deq.mt.gov/air/) -- <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