



Smoke Outlook

Salmon Challis Idaho Moose-Owl

9/19 - 9/20

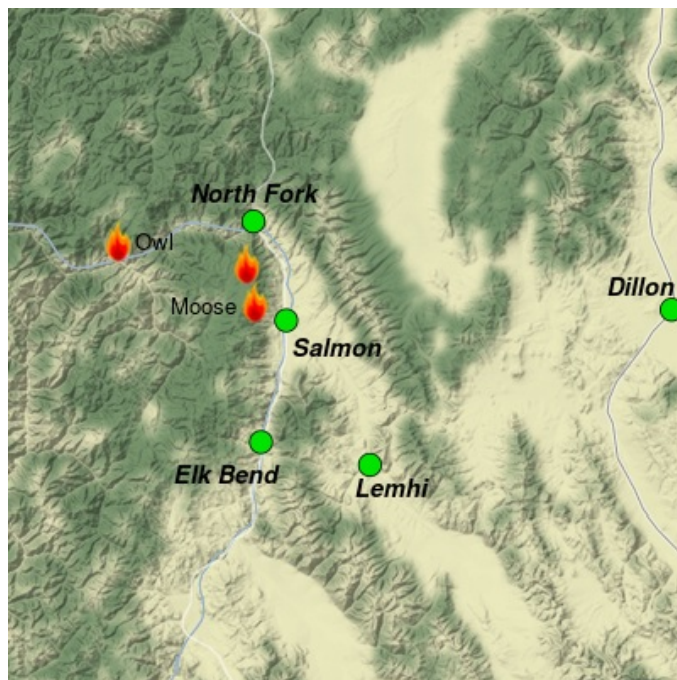
Issued by Wildland Fire Air Quality Response Program on September 19, 2022 at 06:56 AM MDT

Fire

The Moose Fire is currently estimated at 130,093 acres with 51% containment. The Owl Fire is estimated at 747 acres with 53% containment. Details regarding the Moose and Owl fires are available at [Moose and Owl Fires Inciweb](#)

Smoke

Atmospheric mixing will again trend very favorable areawide this afternoon once the morning inversion breaks just after midday. There is the potential for a little more smoke production today due to creeping and smoldering, some of which may settle beneath the developing inversion tonight. Inversions will peak in strength on Tuesday, and dissipate a little later than today. As a result, air quality across the area will remain Good overall through Tuesday with potential periods of Moderate AQ tonight into Tuesday morning. This will be heavily dependent on fire activity and smoke production. A return to much cooler, unsettled weather is expected later Wednesday into Thursday. Good air quality appears likely areawide Wednesday, Thursday and Friday.



Daily AQI Forecast* for Monday

Station	Yesterday			Sun 9/18	Comment for Today -- Mon, Sep 19	Forecast*	
	hourly					Mon 9/19	Tue 9/20
North Fork	6a	noon	6p	●	Good air quality overall with potential periods of Moderate through Tuesday.	●	●
Salmon	6a	noon	6p	●	Good air quality overall with potential periods of Moderate through Tuesday.	●	●
Elk Bend	No hourly data			●	Good air quality overall with potential periods of Moderate on Tuesday.	●	●
Lemhi	6a	noon	6p	●	Good air quality overall with potential periods of Moderate tonight and Tuesday.	●	●
Dillon	6a	noon	6p	●	Good air quality overall with potential periods of Moderate through Tuesday.	●	●

Issued Sep 19, 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/>

[Air Quality Alerts \(Dillon\)](https://forecast.weather.gov/wwamap/wwatxtget.php?cwa=TFX&wwa=air%20quality%20alert) -- <https://forecast.weather.gov/wwamap/wwatxtget.php?cwa=TFX&wwa=air%20quality%20alert>

[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/>

[Air Quality Alerts \(North Fork, Salmon, Lemhi\)](https://forecast.weather.gov/wwamap/wwatxtget.php?cwa=MSO&wwa=air%20quality%20alert) -- <https://forecast.weather.gov/wwamap/wwatxtget.php?cwa=MSO&wwa=air%20quality%20alert>

[cwa=MSO&wwa=air%20quality%20alert](https://forecast.weather.gov/wwamap/wwatxtget.php?cwa=MSO&wwa=air%20quality%20alert)



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