



Smoke Outlook

Salmon Challis Idaho Moose-Owl

9/18 - 9/19

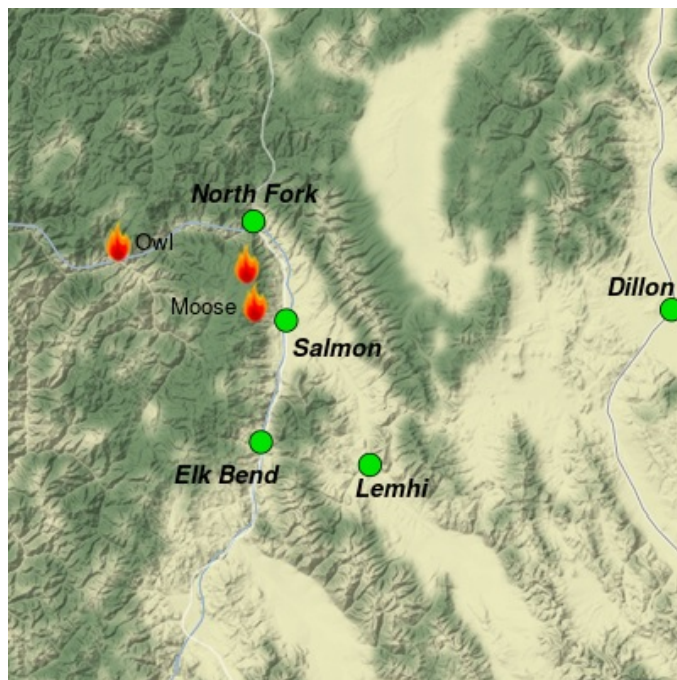
Issued by Wildland Fire Air Quality Response Program on September 18, 2022 at 07:37 AM MDT

Fire

The Moose Fire is currently estimated at 130,092 acres with 51% containment. The Owl Fire is estimated at 747 acres with 53% containment. Fire behavior and smoke production were minimal on Saturday. Similar to yesterday, most of the heat will continue to smolder but in areas where rainfall has been limited the past few days some movement of fire in grass and needle litter is possible. This may produce some smoke during the afternoon. More details regarding the Moose and Owl fires are available at [Moose and Owl Fires Inciweb](#)

Smoke

Overall, Good air quality is again expected today with some haze. Gusty outflow winds from hit-n-miss showers or thunderstorms may kick up patchy blowing dust briefly reducing visibilities at times during the afternoon. Going into Monday and Tuesday, warming temperatures aloft ahead of a Pacific storm system will create stronger nighttime inversions. Any smoke that does settle during the overnight could result in periods of Moderate conditions to start the week. The Pacific storm system is expected to bring a return to much cooler, unsettled weather to the area later Wednesday into Thursday as it slowly tracks eastward. Good air quality appears likely areawide Wednesday and Thursday.



Daily AQI Forecast* for Sunday

Station	Yesterday			Sat 9/17	Comment for Today -- Sun, Sep 18	Forecast*	
	hourly					Sun 9/18	Mon 9/19
Dillon	6a	noon	6p	●	Good air quality overall with potential periods of Moderate through Monday.	●	●
North Fork	[Hourly AQI bars]			●	Good air quality overall with potential periods of Moderate through Monday.	●	●
Salmon	[Hourly AQI bars]			●	Good air quality overall with potential periods of Moderate through Monday.	●	●
Lemhi	[Hourly AQI bars]			●	Good air quality overall with potential periods of Moderate through Monday.	●	●
Elk Bend	No hourly data				Good air quality overall with potential periods of Moderate through Monday.	●	●

Issued Sep 18, 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>



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