



# Smoke Outlook

## Salmon Challis Idaho Moose-Owl

9/16 - 9/17

Issued by Wildland Fire Air Quality Response Program on September 16, 2022 at 07:32 AM MDT

### Fire

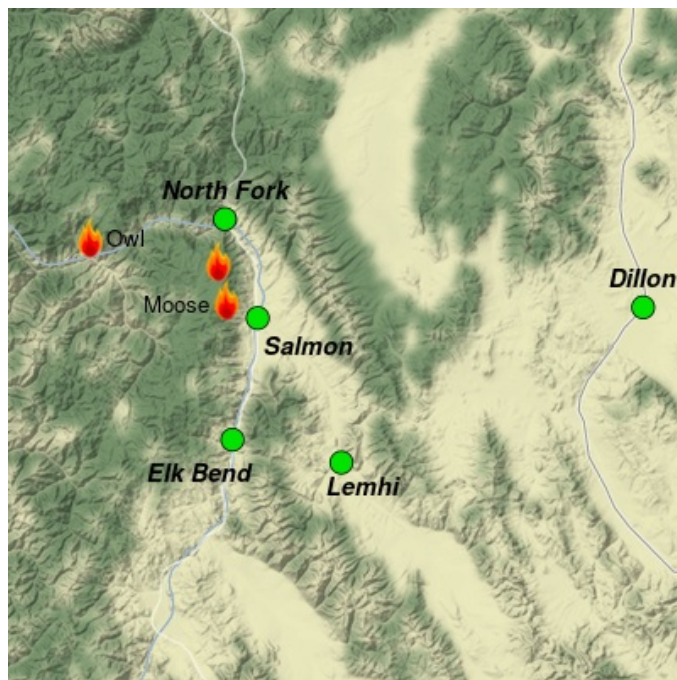
The Moose Fire is currently 50% contained and estimated at 130,079 acres. Fire behavior and smoke production were minimal on Thursday. Much of the fire received wetting rainfall late last night and early this morning. With minimal fire behavior again today, smoke production is expected to remain negligible. Details on the Moose Fire are available at [Moose Fire Inciweb](#)

### Smoke

Seasonably cool, unsettled weather will continue over the area today. Air quality will remain Good overall with some haze due to regional smoke aloft from fires to the west and southwest. Going into the weekend, overall Good air quality can be expected with some haze. Shallow surface-based inversions should gradually strengthen, especially Sunday morning. As a result, any smoke that settles could briefly result in periods of Moderate conditions Sunday morning in Salmon and North Fork closer to the fire's perimeter.

### Did You Know

The concentration of smoke particles, referred to as PM2.5 (PM stands for particulate matter), are measured by a network of both permanent and temporary monitors. Smoke particles are less than 2.5 microns, or 30X smaller than the width of a human hair.



Daily AQI Forecast\* for Friday

Station	Yesterday			Thu 9/15	Comment for Today -- Fri, Sep 16	Forecast*	
	hourly					Fri 9/16	Sat 9/17
Salmon	6a	noon	6p		Expect overall Good conditions through Saturday with some haze.		
Dillon					Expect overall Good air quality through Saturday with some haze.		
Elk Bend	No hourly data				Expect overall Good air quality through Saturday with some haze.		
Lemhi					Expect overall Good air quality through Saturday with some haze.		
North Fork					Expect overall Good air quality conditions through Saturday with some haze.		

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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 <b>reduce</b> prolonged or heavy outdoor exertion.
Unhealthy	People within Sensitive Groups* should <b>avoid all</b> 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&wva=air%20quality%20alert) -- <https://forecast.weather.gov/wwamap/wwatxtget.php?cwa=TFX&wva=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=#](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&wva=air%20quality%20alert) -- <https://forecast.weather.gov/wwamap/wwatxtget.php?cwa=MSO&wva=air%20quality%20alert>



Issued by Interagency Wildland Fire Air Quality Response Program -- [www.wildlandfiresmoke.net](http://www.wildlandfiresmoke.net)

Salmon Challis Idaho Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/5e1c2924>

\*Smoke and Health Info -- [www.airnow.gov/air-quality-and-health](http://www.airnow.gov/air-quality-and-health)