



# Smoke Outlook

## Salmon Challis Idaho Moose-Owl

9/20 - 9/21

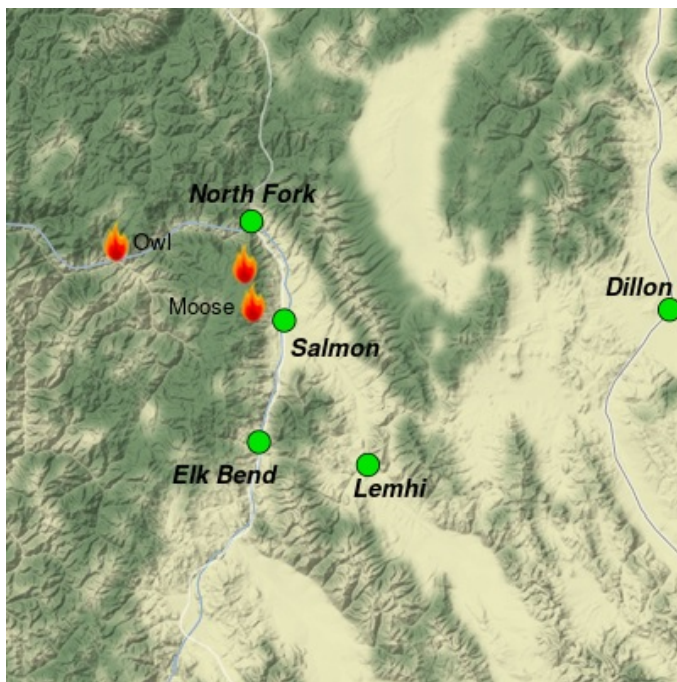
Issued by Wildland Fire Air Quality Response Program on September 20, 2022 at 07:49 AM MDT

### 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

**Today should be the warmest and driest day of the week with very good mixing.** This pattern may encourage more smoke production, particularly in the fire's southeast quarter where a vast majority of the isolated smoldering heat is located. A developing easterly component to the surface winds during the next 24 hours, a direction not observed in over a week, would push any new smoke west or southwest. Brief periods of Moderate impacts will be possible in Salmon and immediate vicinity this afternoon or evening depending on fire activity and smoke production. Elsewhere, Good conditions are expected overall with some haze. Good air quality is expected areawide on Wednesday. Even more substantial improvement on Thursday when cooler-than-average temperatures and precipitation are likely.



Daily AQI Forecast\* for Tuesday

Station	Yesterday			Mon 9/19	Comment for Today -- Tue, Sep 20	Forecast*	
	hourly					Tue 9/20	Wed 9/21
	6a	noon	6p				
Salmon					Good air quality overall with potential periods of Moderate .		
North Fork					Good air quality overall with potential periods of Moderate this AM and evening.		
Lemhi					Good air quality overall with some haze.		
Elk Bend	No hourly data				Good air quality overall with some haze.		
Dillon					Good air quality overall with some light haze through Wednesday.		

Issued Sep 20, 2022 by Kerry Jones (ARA) - [kerry.jones@usda.gov](mailto: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 <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&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=#](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](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)