



Smoke Outlook

Salmon Challis Idaho Moose-Owl

9/17 - 9/18

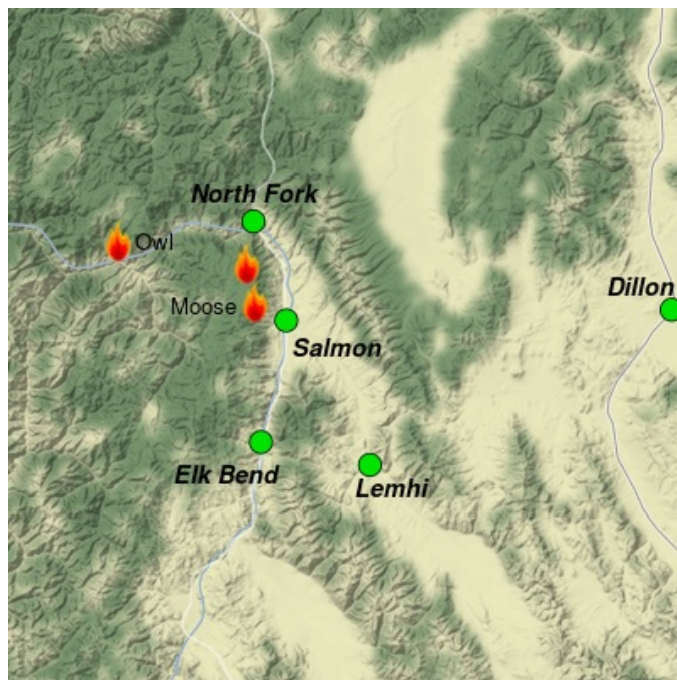
Issued by Wildland Fire Air Quality Response Program on September 17, 2022 at 07:43 AM MDT

Fire

The Moose Fire is estimated 130,086 acres with 50% containment. The Owl Fire is estimated at 747 acres and is 0% contained. Fire behavior was minimal on Friday and smoke production was very limited. For today, fire activity may pick up slightly but still remain moderate. Most heat will still be smoldering but in areas where rainfall has been limited some movement of fire in grass and needle litter is possible. This may produce a bit more smoke. More details regarding the Moose and Owl fires are available at [Moose and Owl Fires Inciweb](#)

Smoke

Good air quality can be expected this weekend for the Salmon and Lemhi valleys as well as the Dillon area. Haze may become more noticeable areawide as southerly transport winds gradually strengthen and carry regional smoke aloft north and northeast. At the same time, nighttime inversions will be stronger. As a result, any smoke that does settle during the overnight combined with regional haze could result in periods of Moderate conditions Sunday morning in Salmon and North Fork closer to the fire's perimeter. Strengthening inversions possible Monday-Tuesday, which would limit dispersion of any smoke that may settle early next week.



Daily AQI Forecast* for Saturday

| Station | Yesterday | | | Fri 9/16 | Comment for Today -- Sat, Sep 17 | Forecast* | |
|------------|----------------|------|----|-------------|---|-------------|-------------|
| | hourly | | | | | Sat 9/17 | Sun 9/18 |
| | 6a | noon | 6p | | | | |
| Elk Bend | No hourly data | | | | Expect overall Good air quality through Sunday with some haze. | ● | ● |
| Dillon | | | | ● | Expect overall Good air quality through Sunday with increasing haze. | ● | ● |
| Lemhi | | | | ● | Expect overall Good air quality through Sunday with some haze. | ● | ● |
| North Fork | | | | ● | Expect overall Good air quality conditions through Sunday with some haze. | ● | ● |
| Salmon | | | | ● | Overall Good air quality through Sunday; brief periods of Moderate each PM. | ● | ● |

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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 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&wma=air%20quality%20alert) -- <https://forecast.weather.gov/wwamap/wwatxtget.php?cwa=TFX&wma=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&wma=air%20quality%20alert) -- <https://forecast.weather.gov/wwamap/wwatxtget.php?cwa=MSO&wma=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