



Smoke Outlook

Alaska - Interior

7/01 - 7/02

Issued by Wildland Fire Air Quality Response Program on July 01, 2024 at 09:22 AM AKDT

Special Statement

The National Weather Service has issued a Dense Smoke Advisory that is in effect until 12 pm today.

For air quality advisories issued by Alaska DEC, see: <https://dec.alaska.gov/Applications/Air/airtoolsweb/Advisories>

Fire

Seventeen new fires were reported across the state yesterday, including the Riley Fire near the Denali NP entrance. Active fire behavior was observed in many locations. The weather today should be slightly cooler, with increasing cloud cover and the potential for showers and thunderstorms. For fire information, go to: <https://akfireinfo.com/>

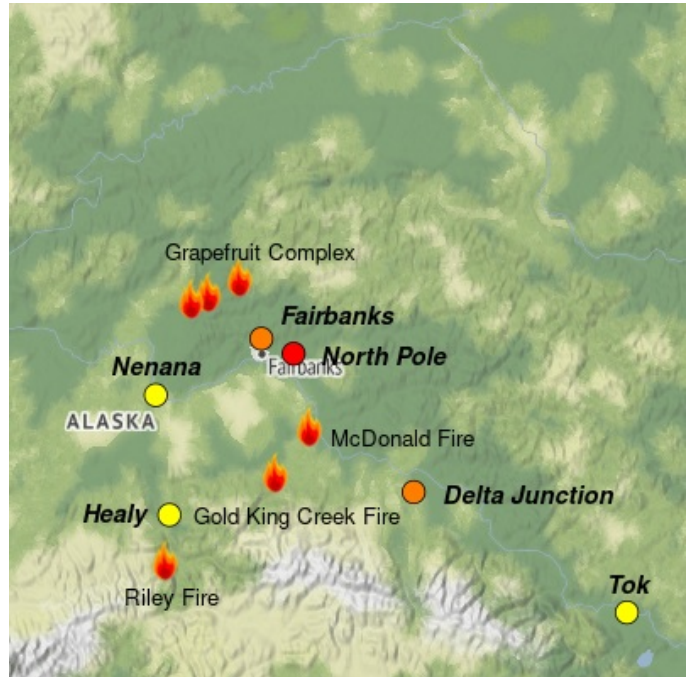
Smoke

Yesterday, following a week of poor air, the region saw the most significant smoke of this fire season. The air quality was Unhealthy to Hazardous much of the day and overnight. Fluctuating visibility dropped to less than 1 mile, impacting aviation and roadways. The conditions are slowly improving this morning as southwesterly winds and scattered showers begin to clear the air. With multiple fires around the Interior, expect to continue to see increased periods of smoke, especially overnight in communities that are downwind with the southwest flow. Stronger winds tomorrow will bring more widespread improvement.

Pay attention to changing conditions. Use periods of better air to get outside and open up windows. Take care to protect yourself from prolonged periods of smoke.

Visibility

Areas experiencing 'Unhealthy' air quality will see visibility in the 1 to 3-mile range. In areas of heavier smoke visibility may be reduced to less than 1 mile.



Daily AQI Forecast* for Monday

Station	Yesterday hourly			Sun 6/30	Comment for Today -- Mon, Jul 01	Forecast*	
	6a	noon	6p			Mon 7/01	Tue 7/02
Healy	No hourly data				May see periods of increased smoke due to fires to the west and south	Yellow	Yellow
Nenana	No hourly data				May see increasing smoke in the evening and overnight	Yellow	Yellow
Delta Junction	No hourly data				Smoke increasing in the evening	Orange	Yellow
Tok	No hourly data				May see increased smoke in the evening	Yellow	Yellow
Fairbanks					Smoke improving today but likely increasing again overnight	Orange	Yellow
North Pole					May see periods of increased smoke due to the wind direction and fire proximity	Red	Yellow

Issued Jul 01, 2024 by Aleph Johnston-Bloom, Air Resource Advisor (ajohnstonbloom@gmail.com)

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

[Fire & Smoke Map](https://fire.airnow.gov/) -- <https://fire.airnow.gov/>

[Health Effects of Wildfire Smoke](https://www.cdc.gov/wildfires/risk-factors/) -- <https://www.cdc.gov/wildfires/risk-factors/>
CDC ΔΔref Val=https://www.cdc.gov/air/wildfire-smoke/default.htm

Additional Links



Issued by Interagency Wildland Fire Air Quality Response Program -- www.wildlandfiresmoke.net

Alaska - Interior Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/917091b7>

*Smoke and Health Info -- www.airnow.gov/air-quality-and-health
