



ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Air Quality

FNSB Air Quality Stage 1 Alert

LOCATION(S) IMPACTED: Fairbanks Zone

EFFECTIVE: TIME/DATE: Tuesday December 17, 2024, 6:00 PM

EXPIRES: TIME/DATE: Wednesday December 18, 2024, 1:00 PM

ALERT TYPE: Stage 1– Curtailment required, see below for details.

EXCEPTIONS: DEC issued Stage 1 waivers and all NOASH waivers

MANDATORY ACTION REQUIRED BY RESIDENTS: All solid fuel-fired heating devices must cease operation unless the exceptions above apply. All **WAIVER HOLDERS** are still required to meet the 20% visible emission or opacity limit during any air quality episodes/alert. Residents should rely instead on their home's cleaner source of heat (such as a gas or fuel oil fired furnace or boiler or electric baseboard heaters) until the Stage 1 alert is canceled.

Residents must withhold fuel and make sure that combustion, as evidenced by visible smoke from a chimney, has stopped within three hours of the effective time of this alert. This does not apply during a power outage.

OUTDOOR OPEN BURNING: ALL OPEN BURNING IS PROHIBITED in the PM_{2.5} Nonattainment area from **November 1st – March 31st**, including the use of burn barrels. This does not include recreational fires such as bonfires, campfires, or ceremonial fires.

ADDITIONAL Voluntary Actions: Plug In at 20 degrees or colder, ride the bus, or carpool.

FORECAST: The surface inversion will strengthen tonight and persist until diurnal heating slightly weakens it just before 1pm. Expect poor dispersion though the alert period. We are forecasting Fairbanks air quality to remain **Moderate** with periods of **Unhealthy for Sensitive Groups** or worse, with 24hr average PM_{2.5} values greater than 20ug/m³ but less than 30ug/m³ for the next 19 hours.

Stage 1 restrictions are called once levels are forecasted or have reached a high **MODERATE** category.

Air Quality Category	Cautionary Statements
Good	None
Moderate	Unusually sensitive people should consider reducing prolonged or heavy exertion.
Unhealthy for Sensitive Groups	People with heart or lung disease, the elderly and children should reduce prolonged or heavy exertion.
Unhealthy	People with respiratory or heart disease, the elderly and children should avoid prolonged exertion; everyone else should limit prolonged exertion
Very Unhealthy	People with respiratory or heart disease, the elderly and children should avoid any outdoor activity; everyone else should avoid prolonged exertion
Hazardous	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors

Note: Air Quality readings are from monitoring stations in Fairbanks and North Pole and may not be representative of your neighborhood. If you are sensitive to air pollution, or experience any respiratory problems, please follow the instructions of your physician.



FOR MORE INFORMATION:

For information regarding this alert, please contact us at fnsbair@alaska.gov. For more information on the DEC alert and curtailment program, and how to apply for a NOASH waiver, visit <http://fnsbair.dec.alaska.gov> Alert announcements are also recorded on our phone line at 907-748-2142