



Smoke Outlook for 7/23 - 7/24
Alaska North - Fairbanks and Surrounding Area
 Issued at: 2019-07-23 06:42 AKDT

Special Statement

For the area south of this map, please see the *AlaskaSouth Smoke Outlook*.

Fire

Fire behavior in the Upper Yukon Valley is expected to remain very active, with continued high temperatures and dry conditions. Weather in East Central Zone is also warmer and drier, but fire activity has moderated somewhat.

Smoke

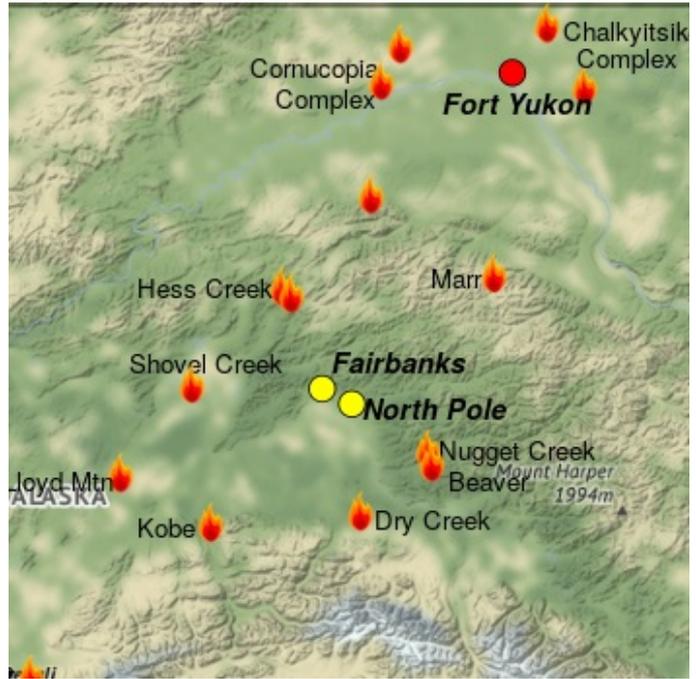
Smoke will primarily be moving south and west today, both from the large complex fires in the Upper Yukon Valley, as well as from the fires closer to Fairbanks and Denali. With calmer wind conditions expected, there will be heavier smoke concentrations across this zone, especially in the morning, with localized areas, including Rampart, experiencing very unhealthy conditions. Air quality will be generally moderate as the smoke becomes more widely dispersed with light variable winds. If you begin to notice health effects from smoke, you are encouraged to follow the "actions to protect yourself" listed below.

Fairbanks and North Pole can expect moderate to USG air quality, with smoke more concentrated in the morning and then moving in again overnight.

Blue Sky computer modeling indicates widespread smoke in Denali National Park for the next couple of days. Air quality is expected to be moderate with periods of USG or even unhealthy in localized areas there as well.

Other

A listing of activity for specific fires is available at:
<https://fire.ak.blm.gov/>
 then AICC Situation Report.



Daily AQI Forecast* for Jul 23, 2019

Station	Yesterday hourly	Mon 7/22	Forecast* Comment for Today -- Tue, Jul 23	Tue 7/23	Wed 7/24
Fort Yukon	6a noon 6p No hourly data	○	Hourly reporting is intermittent; USG to Unhealthy expected	●	●
Fairbanks		●	Moderate today with heavier smoke in the morning and again overnight	●	●
North Pole		●	Moderate today with heavier smoke in the morning and again overnight	●	●

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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

- Alaska DEC Air Quality Advisories -- <http://dec.alaska.gov/Applications/Air/airtoolsweb/Advisories>
- Alaska Division of Public Health -- <http://dhss.alaska.gov/dph/Epi/eph/Pages/wildfire/default.aspx>
- Fairbanks North Star Borough, Air Quality Division -- <http://co.fairbanks.ak.us/transportation/Pages/Air-Quality.aspx>

Issued by USFS Wildland Fire Air Quality Response Program -- www.wildlandfiresmoke.net
 Alaska North Updates -- tools.airfire.org/outlooks/AlaskaNorth
 *Smoke and Health Info -- www.airnow.gov/index.cfm?action=smoke.index

