



Smoke Outlook

North Central Washington Pioneer Fire

7/17 - 7/18

Issued by [Wildland Fire Air Quality Response Program](#) on July 17, 2024 at 06:47 AM PDT

Special Statement

The National Weather Service has issued a Fire Weather Warning for Wednesday from 11 am to midnight. Washington Dept of Ecology's Air Quality Alert remains in effect for much of the area.

Fire

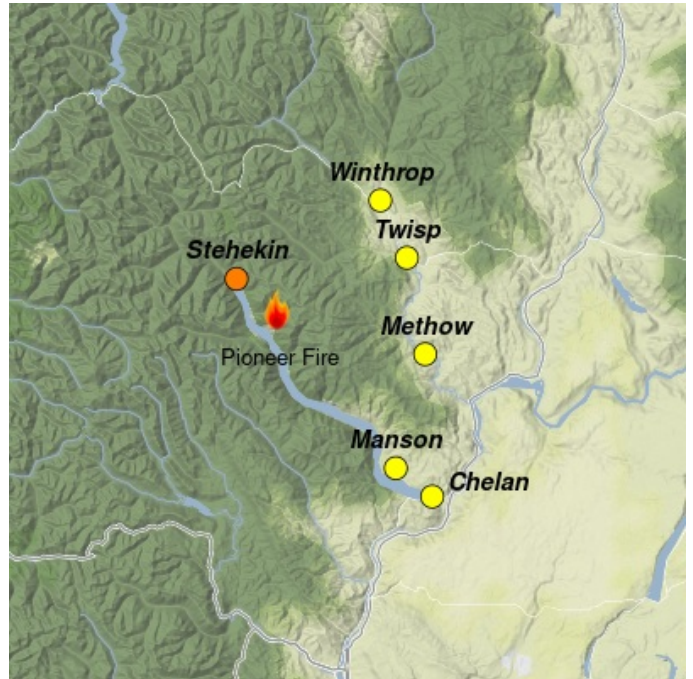
The Pioneer Fire is currently estimated at 23,529 acres with 3180 acres burned in the previous 24 hours. The Fire continues to be very active, especially in the Fish Creek drainage. Hot and dry weather will promote rapid fire growth over the next several days. There is concern that thunderstorms on Wednesday could bring outflow winds, new starts, long range spotting, and high intensity fire runs.

Smoke

Smoke near Lake Chelan will be strongly influenced by diurnal winds, blowing from the south/upslope during the day and down drainages and from the north at night. With the increase in fire activity and southerly winds, Stehekin will experience UNHEALTHY and VERY UNHEALTHY air quality at times. Other locations across the Outlook area should see MODERATE with frequent periods of UNHEALTHY for SENSITIVE GROUPS (USG).

State Department of Ecology

Data from the Washington State Department of Ecology's Winthrop monitor can be viewed here [WA Monitor Map](#).



Daily AQI Forecast* for Wednesday

Station	Yesterday hourly	Tue 7/16	Comment for Today -- Wed, Jul 17	Forecast*	Wed 7/17	Thu 7/18
Chelan			Occasional USG especially in the morning before clearing occurs.			
Twisp			USG likely at times especially when winds are from a westerly direction.			
Methow	No hourly data		Westerly winds to bring USG at times.			
Stehekin			Up-valley flow to bring heavy smoke at times with USG/UNHEALTHY likely.			
Manson			Occasional USG in the morning until clearing occurs later in the day.			
Winthrop	No hourly data		Southwesterly winds to bring occasional USG.			

Issued Jul 17, 2024 by T Pierce (thomas.e.pierce@outlook.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

[Pioneer Fire Inciweb](#) -- <https://inciweb.wildfire.gov/incident-information/wases-pioneer>

[WA Smoke Blog](#) -- <https://wasmoke.blogspot.com/>

[Create a Clean Air Space in your home](#) -- <https://www.epa.gov/indoor-air-quality-iaq/create-clean-room-protect-indoor-air-quality-during-wildfire>

[WA Dept of Health - Smoke from fires](#) -- <http://www.doh.wa.gov/smokefromfires>

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

[Smoke Health Impacts](#) -- <https://ecology.wa.gov/Air-Climates/Air-quality/Smoke-fire/Health-effects>

[WA DOE Smoke Monitor Data](#) -- <https://enviwa.ecology.wa.gov/mobile/>

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

North Central Washington Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/f79a6d6d>

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