



# Smoke Outlook

## North Central Washington Pioneer Fire

# 7/15 - 7/16

Issued by [Wildland Fire Air Quality Response Program](#) on July 15, 2024 at 07:25 AM PDT

### Special Statement

The Washington Dept of Ecology has issued an Air Quality Advisory for much of the Smoke Outlook area.

### Fire

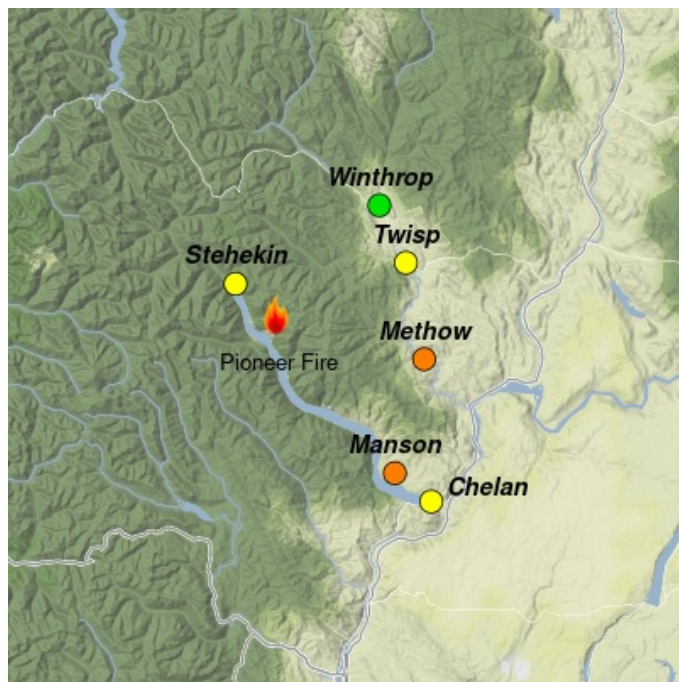
The Pioneer Fire is reported at 18,731 acres with 2974 acres of growth occurring in the past 24 hours. It was very active yesterday in the Fish Creek drainage. Approaching an area with abundant biomass, expect fire behavior today to include areas of sustained head fire runs, spotting, aggressive flanking, and backing (with rollout). Very active fire behavior is likely for the next several days.

### Smoke

Yesterday, an impressive column of smoke was produced with pyrocumulus clearly observed on satellite. Much of it lofted over the Outlook Area. However, early this morning, much of the lower Methow Valley reported USG and UNHEALTHY air quality. Influenced by valley flow and WNW winds aloft, much of region today will see reduced air quality. UNHEALTHY for SENSITIVE GROUPS (USG) expected at times for most sites south of the fire. Winthrop and Stehekin - today - may remain GOOD on average. However, southerly winds on Tuesday, should result in USG across nearly all of the Methow and Lake Chelan Valleys.

### 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 Monday

Station	Yesterday			Sun 7/14	Comment for Today -- Mon, Jul 15	Forecast*	
	hourly					Mon 7/15	Tue 7/16
Chelan	6a	noon	6p		USG becomes likely with increased fire activity.		
Twisp					USG likely with the increase in fire activity.		
Methow	No hourly data				USG with some UNHEALTHY likely with increased fire activity.		
Stehekin					Increased fire activity to result in USG and UNHEALTHY at times.		
Manson					Increased fire activity to result in USG.		
Winthrop	No hourly data				Increased fire activity results in occasional USG.		

Issued Jul 15, 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 <b>reduce</b> prolonged or heavy outdoor exertion.
Unhealthy	People within Sensitive Groups* should <b>avoid all</b> 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>

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

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

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

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



Issued by Interagency Wildland Fire Air Quality Response Program -- [www.wildlandfiresmoke.net](http://www.wildlandfiresmoke.net)

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

\*Smoke and Health Info -- [www.airnow.gov/air-quality-and-health](http://www.airnow.gov/air-quality-and-health)