



# Smoke Outlook

## North Central Washington - Pioneer and Easy Fires

# 7/20 - 7/21

Issued by [Wildland Fire Air Quality Response Program](#) on July 20, 2024 at 06:09 AM PDT

### Special Statement

\*\*\* Excessive Heat Warning from 11 am Saturday to 8 pm Monday. \*\*\* Red Flag Watch: 3 pm - 10 pm Sunday. \*\*\* Air Quality Alert for much of the area. \*\*\*

### Fire

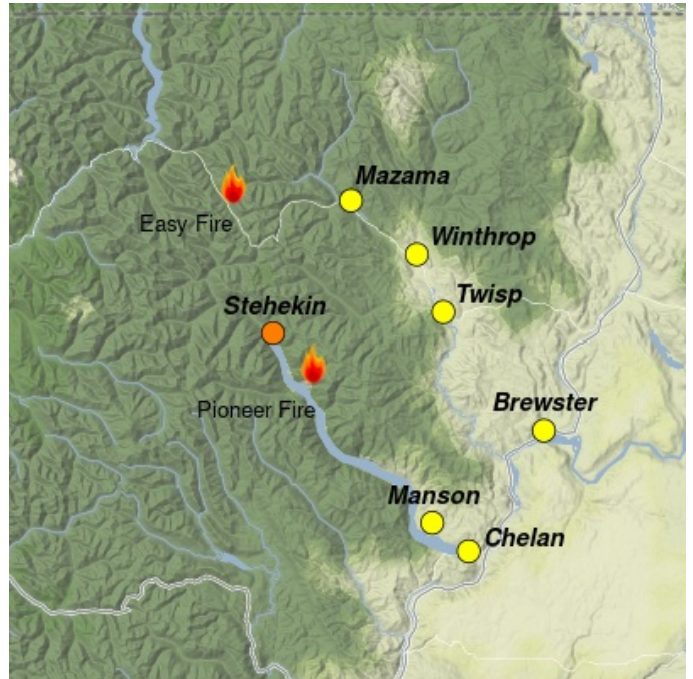
The Pioneer Fire was last estimated at 26,407 acres and the Easy Fire at 286 acres. Very active fire behavior is expected through Monday under hot and dry conditions. More details can be found on [Inciweb](#).

### Smoke

The Pioneer Fire will be influenced by up/down valley winds near Lake Chelan, while terrain-driven flow will strongly govern smoke from the Easy Fire. SE transport flow on Saturday and Sunday will steer smoke towards Stehekin, producing USG at times until down-valley flow resumes late on Sunday. Elsewhere, MODERATE will prevail. Exceptions will be morning USG in lower Lake Chelan, possible smoke drainage down the upper Methow affecting Mazama and Winthrop, and smoke/haze from regional fires spreading in from the south and east, slightly degrading overall air quality.

### 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 Saturday

Station	Yesterday hourly	Fri 7/19	Comment for Today -- Sat, Jul 20	Forecast*	Sat 7/20	Sun 7/21
Chelan	6a, noon, 6p	Yellow	Occasional USG especially in the morning before clearing occurs.		Yellow	Yellow
Twisp		Yellow	USG likely at times especially when winds are from a westerly direction.		Yellow	Yellow
Mazama	No hourly data		USG at times with smoke draining down the upper Methow.		Yellow	Orange
Manson		Yellow	Occasional USG in the morning until clearing occurs later in the day.		Yellow	Orange
Brewster		Green	Regional haze/smoke from the east and south add to the air quality burden.		Yellow	Yellow
Winthrop	No hourly data		Drainage flow down the upper Methow to bring USG at times.		Yellow	Orange
Stehekin		Green	SE winds to to bring occasional USG, and perhaps UNHEALTHY air quality.		Orange	Yellow

Issued Jul 20, 2024 by T Pierce (thomas.e.pierce@outlook.com)

Air Quality Index (AQI)	Actions to Protect Yourself
Green Good	None
Yellow Moderate	Unusually sensitive individuals should consider limiting prolonged or heavy exertion.
Orange USG	People within Sensitive Groups* should <b>reduce</b> prolonged or heavy outdoor exertion.
Red Unhealthy	People within Sensitive Groups* should <b>avoid all</b> physical outdoor activity.
Purple Very Unhealthy	Everyone should avoid prolonged or heavy exertion.
Dark Purple 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-Climate/Air-quality/Smoke-fire/Health-effects>

[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)