



# Smoke Outlook

## North Central Washington Pioneer Fire

# 7/18 - 7/19

Issued by [Wildland Fire Air Quality Response Program](#) on July 18, 2024 at 06:40 AM PDT

### Special Statement

The National Weather Service has issued a Heat Advisory through Sunday. Washington Dept of Ecology's Air Quality Alert remains in effect for much of the area.

### Fire

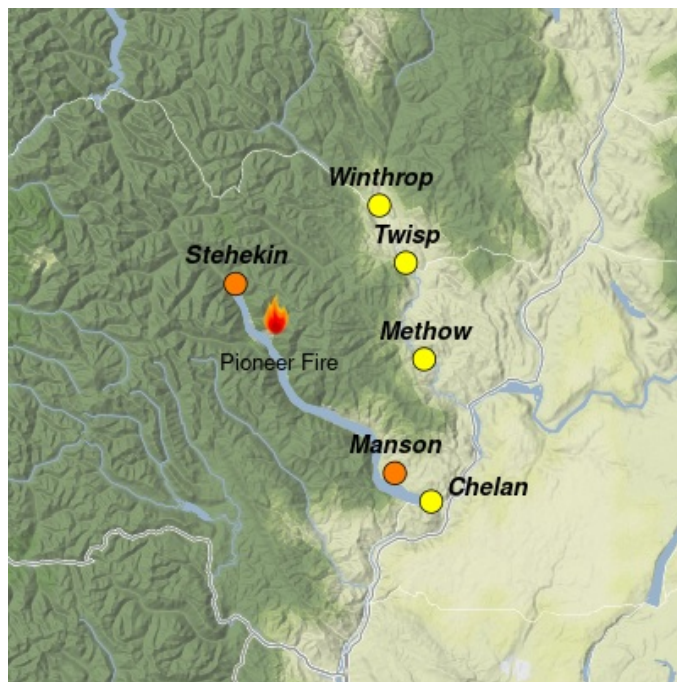
The Pioneer Fire is currently estimated at 25,688 acres with 2159 acres of growth over the past 24 hours. Southerly winds with continued hot/dry weather bring another very active fire behavior day. Activity will be focused along the Fish Creek and Prince Creek drainages, at both ends of the fire. Rapid fire growth is possible during the next several days.

### Smoke

Smoke near Lake Chelan will be strongly influenced by diurnal winds, blowing up-valley during the day and down-valley at night. Transport winds aloft will gradually shift from southerly to westerly by the weekend. With Stehekin experiencing UNHEALTHY air quality over the past two days, northerly winds will MODERATE smoke levels. At the southern end of the Lake, Chelan and Manson will continue to see USG in the morning, improving as mixing occurs in the afternoon. MODERATE air quality will be observed in the Methow Valley, except USG when winds become more westerly.

### 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 Thursday

Station	Yesterday hourly	Wed 7/17	Comment for Today -- Thu, Jul 18	Forecast*	Thu 7/18	Fri 7/19
Chelan	6a noon 6p	Orange	Occasional USG especially in the morning before clearing occurs.		Yellow	Orange
Twisp		Yellow	USG likely at times especially when winds are from a westerly direction.		Yellow	Yellow
Methow	No hourly data		Westerly winds to bring USG at times.		Yellow	Yellow
Stehekin		Red	Up-valley flow to bring heavy smoke with occasional USG/UNHEALTHY.		Orange	Orange
Manson		Orange	Occasional USG in the morning until clearing occurs later in the day.		Orange	Orange
Winthrop	No hourly data		Southwesterly winds to bring occasional USG.		Yellow	Orange

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

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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)