



Smoke Outlook

North Central Washington Pioneer Fire

6/21 - 6/22

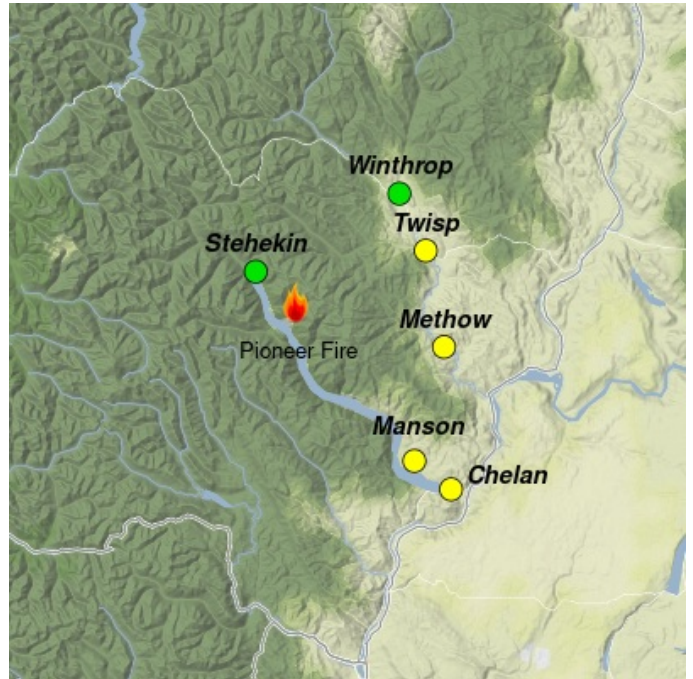
Issued by Wildland Fire Air Quality Response Program on June 21, 2024 at 07:32 AM PDT

Fire

The Pioneer Fire remains active and continues to burn along steep slopes, notably between Meadow Creek and Cascade Creek. Aerial fire suppression, focusing on the Meadow Creek drainage, is helping to check western fire spread. Fire activity is expected to increase as a ridge of high pressure moves over the region and a warming trend peaks this weekend. Fire behavior is expected to include isolated torching, uphill runs, spotting, and smoldering.

Smoke

Yesterday, terrain driven surface winds and generally westerly transport winds moved smoke to the east/northeast with most areas of the Outlook enjoying generally GOOD air quality. Today, smoke that settled overnight will again track upslope/up lake during the day as terrain influenced winds build. Stehekin may see periods of MODERATE midday before improvement in the afternoon. Winthrop, Twisp, and Methow should see generally GOOD air quality in the AM with potential for MODERATE in the late PM as smoke is transported over Sawtooth Ridge and settles. Mason and Chelan should enjoy GOOD air quality with potential for MODERATE in the late afternoon.



Daily AQI Forecast* for Friday

Station	Yesterday hourly			Thu 6/20	Comment for Today -- Fri, Jun 21	Forecast*	
	6a	noon	6p			Fri 6/21	Sat 6/22
Winthrop	[Bar chart]	[Bar chart]	[Bar chart]	●	GOOD AQ overall, potential visible smoke plume in the PM to the south.	●	●
Twisp	[Bar chart]	[Bar chart]	[Bar chart]	●	GOOD AQ in the AM, visible smoke to the west, potential smoke settling in PM	●	●
Manson	[Bar chart]	[Bar chart]	[Bar chart]	●	Generally GOOD with potential periods of MODERATE in the PM	●	●
Methow	No hourly data				Generally GOOD AQ in the AM, potential MODERATE in the evening	●	●
Stehekin	[Bar chart]	[Bar chart]	[Bar chart]	●	Generally GOOD AQ, potential for periods of MODERATE in the late morning/midday	●	●
Chelan	[Bar chart]	[Bar chart]	[Bar chart]	●	Generally GOOD conditions with potential for MODERATE in the afternoon/evening	●	●

Issued Jun 21, 2024 by Seth Morphis (Seth.Morphis@usda.gov)

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) -- <https://inciweb.wildfire.gov/incident-information/wases-pioneer>

[WA Smoke Blog](https://wasmoke.blogspot.com/) -- <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) -- <https://www.epa.gov/indoor-air-quality-iaq/create-clean-room-protect-indoor-air-quality-during-wildfire>

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

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



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