



Smoke Outlook

North Central Washington Pioneer Fire

6/19 - 6/20

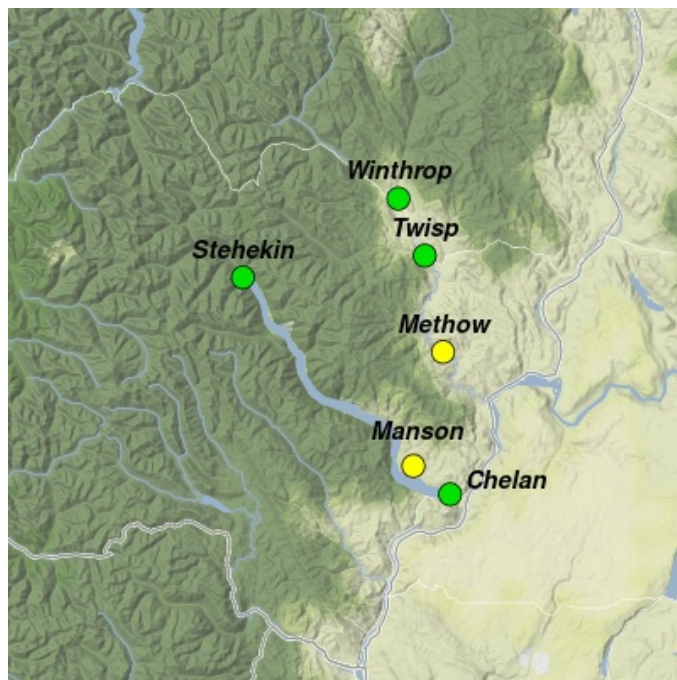
Issued by Wildland Fire Air Quality Response Program on June 19, 2024 at 07:32 AM PDT

Fire

The Pioneer Fire remains active and continues to burn along steep, rugged slopes. Point protection and line construction continues. Aerial fire suppression, focusing on Meadow Creek, helped to check western fire spread yesterday. Fire activity is expected to increase moderately as a warming trend continues to include isolated torching, uphill runs, spotting, and smoldering. Fire progression into drainages with thicker vegetation will likely result in an increase in smoke production.

Smoke

Yesterday, light terrain driven winds transported smoke generally to the north/northeast, but moderated smoke production kept most areas of the Outlook in the GOOD air quality category. Today, smoke will again track upslope/up lake during the day and down drainage at night. These conditions will be favorable for smoke settling in Lake Chelan and the lower Methow Valley as smoke production increases and general winds decrease. MODERATE conditions are possible in Chelan, Manson, and Methow by the late evening with improvement overnight. Stehekin may see periods of MODERATE in the late afternoon. Winthrop and Twisp should see generally GOOD air quality with most smoke staying to the south and on to the western side of Sawtooth Ridge.



Daily AQI Forecast* for Wednesday

Station	Yesterday			Tue 6/18	Comment for Today -- Wed, Jun 19	Forecast*	
	hourly					Wed 6/19	Thu 6/20
Twisp	6a	noon	6p	●	GOOD AQ overall, potential visible smoke plume midday to the south	●	●
Winthrop				●	GOOD AQ overall, potential visible smoke plume midday to the south.	●	●
Stehekin	No hourly data				Generally GOOD AQ, up lake winds could bring MODERATE conditions in the PM	●	●
Chelan				●	Generally GOOD conditions with potential for MODERATE in the afternoon/evening	●	●
Manson				●	Generally GOOD becoming MODERATE in the PM	●	●
Methow	No hourly data				Generally GOOD air quality, potential MODERATE in the evening	●	●

Issued Jun 19, 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-Climates/Air-quality/Smoke-fire/Health-effects) -- <https://ecology.wa.gov/Air-Climates/Air-quality/Smoke-fire/Health-effects>

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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