



Smoke Outlook

North Central Washington Pioneer Fire

6/17 - 6/18

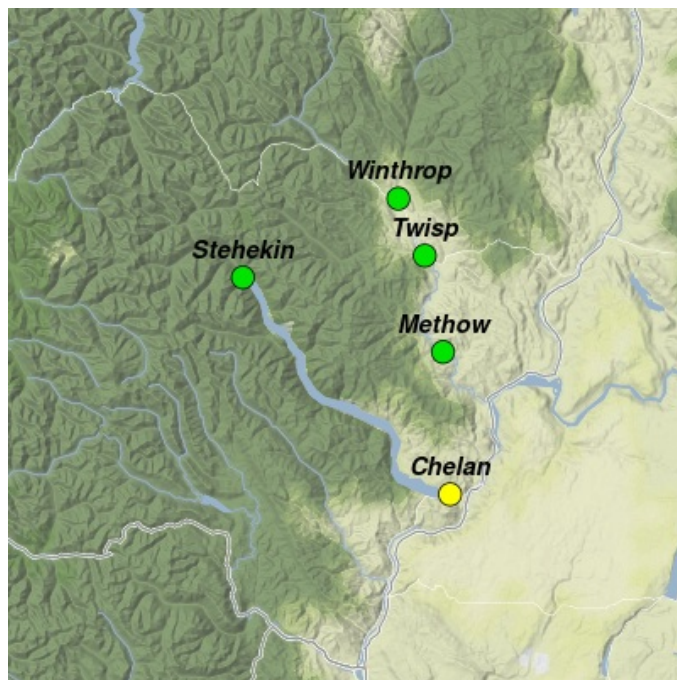
Issued by Wildland Fire Air Quality Response Program on June 17, 2024 at 07:16 AM PDT

Fire

Currently at 3,811 acres, the Pioneer Fire continues to burn along steep, rugged slopes with limited access near the north shore of Lake Chelan. Fire activity will include uphill runs, isolated torching, spotting, and smoldering. Tactical suppression efforts are focused on structure protection, establishing control features, and reinforcing lines. A warming trend is forecasted throughout the week and fire progression into drainages with thicker vegetation will likely result in an increase in smoke production.

Smoke

Yesterday, terrain aligned NW winds transported smoke to the southern end of the lake Chelan and air quality moved well into the MODERATE range throughout the evening hours in Chelan and Manson. Most smoke stayed on the western side of Sawtooth Ridge and the Methow Valley was largely unaffected. Today, smoke will again track SE, impacting Manson, Chelan, and the proximate Columbia River Valley by late afternoon and into the nighttime hours. Improvement is expected overnight as winds and smoke production decrease. The Methow Valley may see periods of MODERATE in the late afternoon; however, most smoke is expected to stay on the western side of Sawtooth Ridge. Stehekin, Winthrop, and Twisp should see generally GOOD air quality with visible smoke to the south. Smoke sensitive individuals should take action to limit exposure, especially along low-lying areas to the southeast the fire perimeter.



Daily AQI Forecast* for Monday

Station	Yesterday			Sun 6/16	Comment for Today -- Mon, Jun 17	Forecast*	
	hourly					Mon 6/17	Tue 6/18
Winthrop	6a	noon	6p		GOOD AQ overall, potential visible smoke plume midday to the south.		
Chelan					Smoke increasing, MOD to USG AQ impacts afternoon into evening hours.		
Twisp					GOOD AQ overall, potential visible smoke plume midday to the south		
Methow	No hourly data				Generally GOOD AQ, with potential for periods of MODERATE in the evening		
Stehekin	No hourly data				NW winds will prevent accumulating smoke, overall GOOD AQ conditions		

Issued Jun 17, 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>

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

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

[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>



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