



Smoke Outlook

North Central Washington Pioneer Fire

6/18 - 6/19

Issued by Wildland Fire Air Quality Response Program on June 18, 2024 at 07:44 AM PDT

Special Statement

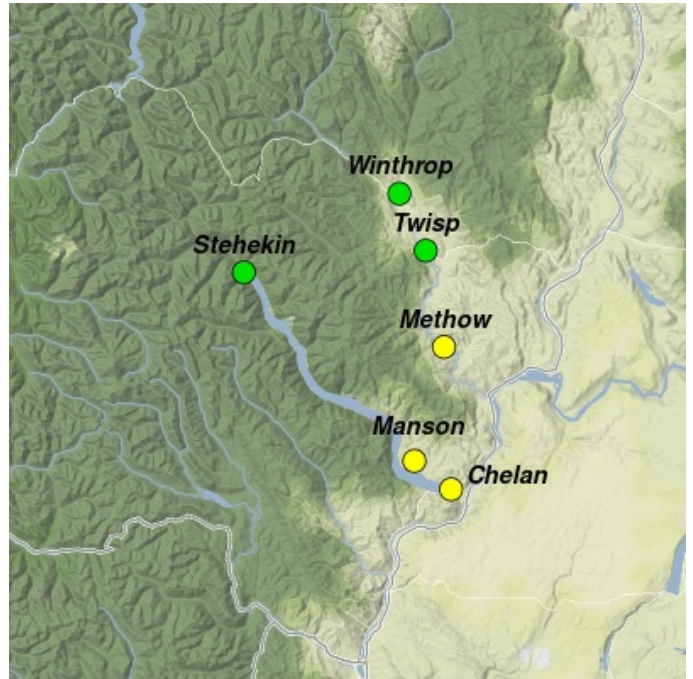
A mobile smoke monitor was deployed in Manson yesterday and added to the Outlook.

Fire

The Pioneer Fire remains active and continues to burn along steep, rugged slopes. Tactical suppression efforts are focused on structure protection, establishing control features, and reinforcing lines. Aerial fire suppression and cloud cover moderated fire spread yesterday, and similar fire behavior is expected today. A warming trend caused by a ridge of high pressure is expected to begin tomorrow. Fire activity is expected to increase moderately to include uphill runs, isolated torching, spotting, and smoldering. 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 SE, but moderated smoke production kept areas of the Outlook in the GOOD air quality category. Today, smoke will again track mostly to the SE; however, winds will begin to be more terrain influenced, moving upslope/up valley during the day and down drainage at night. Under these conditions we'll likely see more smoke settling in Lake Chelan and the lower Methow Valley. MODERATE conditions are possible in Chelan, Manson, and Methow by the late afternoon with improvement overnight. Stehekin, Winthrop, and Twisp should see generally GOOD air quality with most smoke staying to the south of those locations.



Daily AQI Forecast* for Tuesday

Station	Yesterday			Mon 6/17	Comment for Today -- Tue, Jun 18	Forecast*	
	hourly					Tue 6/18	Wed 6/19
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.	●	●
Chelan				●	Generally GOOD conditions with potential for MODERATE in the afternoon/evening	●	●
Stehekin	No hourly data				NW winds will prevent accumulating smoke, overall GOOD AQ conditions	●	●
Methow	No hourly data				Generally GOOD air quality, potential MODERATE in the afternoon/evening	●	●
Manson				●	Generally GOOD, potential for periods of MODERATE in the afternoon	●	●

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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>

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>

Fire & Smoke Map -- <https://fire.airnow.gov/>

Smoke Health Impacts -- <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