



Smoke Outlook

North Cascades Sourdough

8/25 - 8/26

Issued by [Wildland Fire Air Quality Response Program](#) on August 25, 2023 at 08:02 AM PDT

Fire

Acreage stands at 6,000 acres. Moderate fire behavior with creeping, uphill runs and isolated torching. Containment is 25%. For more fire information, see: [Inciweb](#)

Smoke

Fire behavior expected to increase today and throughout the weekend, with more smoke production expected from multiple fires in the Cascades Range including the Sourdough Fire. Communities in close proximity to any of the fires can expect concentrations to reach UNHEALTHY or above at times due to terrain driven winds. An easterly flow is forecasted to persist through the weekend which is pushing smoke toward the Puget Sound, impacting Seattle and Bellingham areas. A largescale clearing event is not predicted in the near term, so expecting smoke impacts to persist through the weekend.

Red Flag Warning

RED FLAG WARNING remains in effect through today at 5 PM for gusty winds as well as dry and unstable conditions. See [NWS Seattle](#) for current conditions in your area.



Daily AQI Forecast* for Friday

Station	Yesterday hourly			Thu 8/24	Comment for Today -- Fri, Aug 25	Forecast*	
	6a	noon	6p			Fri 8/25	Sat 8/26
Seattle					Easterly winds will bring impacts toward the Puget Sound including Seattle.		
Bellingham					Easterly winds will bring impacts toward the Puget Sound including Bellingham.		
Concrete	No hourly data				Easterly winds will bring smoke into communities in the Skagit River drainage.		
Darrington					Easterly winds will bring smoke down the drainage and into Darrington today.		
Newhalem					Close proximity to the fire and Easterly winds will bring continued impacts.		
Diablo	No hourly data				Close proximity to the fire and Easterly winds will bring continued impacts.		
Winthrop					Expecting MODERATE conditions for next 24-48 hours.		
Twisp					Expecting MODERATE conditions for the next 24-48 hours.		
Chelan					Expecting MODERATE conditions for the next 24-48 hours.		
Stehekin	No hourly data				Expecting MODERATE conditions for the next 24-48 hours.		
Wenatchee					Expecting MODERATE conditions for the next 24-48 hours.		
Hozomeen	No hourly data				USG to UNHEALTHY conditions expected to continue.		

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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

[Stehekin Web Cam](https://lakechelancams.com/stehekin-cams/) -- <https://lakechelancams.com/stehekin-cams/>



Issued by Interagency Wildland Fire Air Quality Response Program -- www.wildlandfiresmoke.net
North Cascades Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/6c2fe616>
*Smoke and Health Info -- www.airnow.gov/air-quality-and-health