



Smoke Outlook

North Cascades Sourdough

8/26 - 8/27

Issued by [Wildland Fire Air Quality Response Program](#) on August 26, 2023 at 07:50 AM PDT

Fire
Acreage stands at 6,138 acres. Moderate fire behavior with isolated torching, creeping and flanking. Containment is 25%. For more fire information, see: [Inciweb](#)

Smoke
Fire behavior expected to increase today and throughout the weekend with hot and dry conditions over the fire. This will result in increased smoke production from multiple fires in the Cascade 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 Monday which is pushing smoke toward the Puget Sound, impacting Seattle and Bellingham areas. Rain expected across the forecast area on Tuesday which will provide smoke relief west and east of The Cascades.

Heat Advisory
[Heat advisory](#) in effect from noon today to 8 PM PDT Sunday for hot conditions. This will pose a moderate risk of heat-related illness. For more information about smoke, heat and your health, visit: [Department of Health](#)



Daily AQI Forecast* for Saturday

Station	Yesterday hourly			Fri 8/25	Comment for Today -- Sat, Aug 26	Forecast*	
	6a	noon	6p			Sat 8/26	Sun 8/27
Seattle	[Bar chart showing AQI levels]			●	Easterly winds will bring impacts toward the Puget Sound including Seattle.	●	●
Bellingham	[Bar chart showing AQI levels]			●	Easterly winds will bring impacts toward the Puget Sound including Bellingham.	●	●
Darrington	[Bar chart showing AQI levels]			●	Easterly winds will bring smoke down the drainage and into Darrington today.	●	●
Concrete	No hourly data				Easterly winds will bring smoke into communities in the Skagit River drainage.	●	●
Newhalem	[Bar chart showing AQI levels]			●	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.	●	●
Hozomeen	No hourly data				MODERATE to UNHEALTHY conditions expected to continue.	●	●
Twisp	[Bar chart showing AQI levels]			●	Expecting MODERATE conditions for the next 24-48 hours.	●	●
Winthrop	[Bar chart showing AQI levels]			●	Expecting MODERATE conditions for the next 24-48 hours.	●	●
Chelan	[Bar chart showing AQI levels]			●	Expecting MODERATE conditions for the next 24-48 hours.	●	●
Stehekin	No hourly data				Expecting MODERATE conditions for the next 24-48 hours.	●	●
Wenatchee	[Bar chart showing AQI levels]			●	Expecting MODERATE conditions for the next 24-48 hours.	●	●

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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/>
[Airnow Fire and Smoke Map](https://fire.airnow.gov/#) -- <https://fire.airnow.gov/#>
[Washington Smoke Blog](https://wasmoke.blogspot.com/) -- <https://wasmoke.blogspot.com/>