



Smoke Outlook

North Cascades Sourdough

8/27 - 8/28

Issued by [Wildland Fire Air Quality Response Program](#) on August 27, 2023 at 08:06 AM PDT

Fire

Acreage stands at 6,138 acres, with 25% containment. Hot, dry conditions leading to increased fire behavior today. For more fire information, see: [Inciweb](#)

Smoke

Hot and dry conditions will result in increased smoke production from multiple fires in the Cascade Range including the Sourdough Fire. Smoke from fires in Oregon will be transported into the area east of the cascades but will mostly remain above the surface. This coupled with light variable winds in the forecast area will lead to hazy skies especially east of the cascades, with mostly MODERATE conditions with some periods of USG from Seattle to Bellingham. Communities in close proximity to any of the fires can expect concentrations to reach UNHEALTHY or above at times due to terrain driven winds. Communities west of the cascades should see more clear skies and MODERATE conditions. Widespread rain is expected across the forecast area on Tuesday which will provide smoke relief area wide.

Heat Advisory

[Heat advisory](#) continues to 8 PM PDT today 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 Sunday

| Station | Yesterday | | | Sat 8/26 | Comment for Today -- Sun, Aug 27 | Forecast* | |
|------------|----------------|--|--|-------------|--|-------------|-------------|
| | hourly | | | | | Sun 8/27 | Mon 8/28 |
| Diablo | No hourly data | | | | HAZARDOUS conditions expected to persist. | ● | ● |
| Twisp | | | | ● | Expecting MODERATE conditions for the next 24-48 hours. | ● | ● |
| Winthrop | | | | ● | Expecting MODERATE conditions for the next 24-48 hours. | ● | ● |
| Chelan | | | | ● | Expecting GOOD to MODERATE conditions for the next 24-48 hours. | ● | ● |
| Wenatchee | | | | ● | Expecting GOOD to MODERATE conditions for the next 24-48 hours. | ● | ● |
| Stehekin | No hourly data | | | | Expecting MODERATE conditions for the next 24-48 hours. | ● | ● |
| Newhalem | | | | ● | Close proximity to the fire and easterly winds will bring continued impacts. | ● | ● |
| Seattle | | | | ● | Hazy skies and MODERATE to USG today, improving tomorrow | ● | ● |
| Bellingham | | | | ● | Hazy skies- MODERATE to USG conditions gradually improving over next 24-48 hours | ● | ● |
| Concrete | No hourly data | | | | Hazy skies and USG to MODERATE conditions expected next 24-48 hours. | ● | ● |
| Darrington | | | | ● | Hazy skies and MODERATE conditions next 24-48 hours, then improving. | ● | ● |
| Hozomeen | No hourly data | | | | UNHEALTHY to USG expected today with uptick in active fires in the area. | ● | ● |

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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/>
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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
