



Smoke Outlook

North Cascades Sourdough

8/24 - 8/25

Issued by [Wildland Fire Air Quality Response Program](#) on August 24, 2023 at 08:13 AM PDT

Special Statement

Air quality advisories issued. Please look to [NWS Seattle](#) for current advisories in your area.

Fire

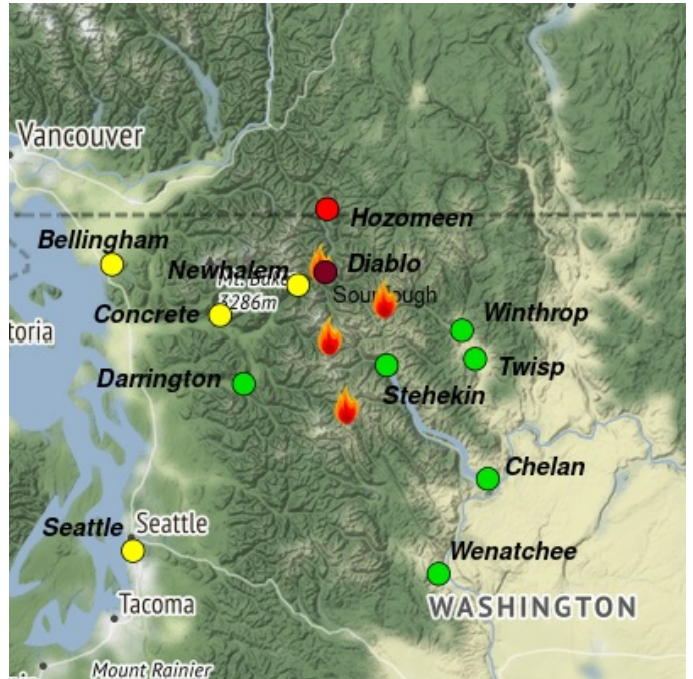
Acreage stands at 6,000 acres. Minimal fire behavior with smoldering, creeping and single tree torching. Containment is 16%. For more fire information, see: [Inciweb](#)

Smoke

Early this morning there was a wind switch to an easterly flow that is expected to persist today and tomorrow. Fire behavior is expected to increase with a warming and drying trend through this weekend and will result in increased smoke production. Easterly winds will impact areas in closest proximity to the fire and west of the cascades including communities in the Skagit River drainage. Fires in Canada continue to be active and may bring smoke down into our forecast area along the Puget Sound, however impacts are only expected to be MODERATE. Hazy skies expected with GOOD to MODERATE conditions at the surface throughout the forecast area unless the location is nearby active fire.

Red Flag Warning

RED FLAG WARNING in effect from 11 AM this morning to 5 PM Friday for gusty winds as well as dry and unstable conditions. See [NWS Seattle](#) for current conditions in your area.



Daily AQI Forecast* for Thursday

| Station | Yesterday hourly | | | Wed 8/23 | Comment for Today -- Thu, Aug 24 | Forecast* | |
|------------|--------------------|------|----|----------|--|-----------|----------|
| | 6a | noon | 6p | | | Thu 8/24 | Fri 8/25 |
| Darrington | [Hourly AQI chart] | | | ● | Easterly winds expected to bring gradual impacts to the area. | ● | ● |
| Concrete | No hourly data | | | | Easterly winds expected to bring gradual impacts to the area. | ● | ● |
| Newhalem | [Hourly AQI chart] | | | ● | Easterly winds expected to bring gradual impacts to the area. | ● | ● |
| Twisp | [Hourly AQI chart] | | | ● | Expecting GOOD to MODERATE conditions for the next 24-48 hours. | ● | ● |
| Winthrop | [Hourly AQI chart] | | | ● | Expecting GOOD to MODERATE conditions for next 24-48 hours. | ● | ● |
| Chelan | [Hourly AQI chart] | | | ● | Expecting GOOD to MODERATE conditions for the next 24-48 hours. | ● | ● |
| Stehekin | No hourly data | | | | Expecting GOOD to MODERATE conditions for the next 24-48 hours. | ● | ● |
| Wenatchee | [Hourly AQI chart] | | | ● | Expecting GOOD conditions for the next 48 hours. | ● | ● |
| Diablo | No hourly data | | | | Expecting smoke impacts to increase today with a shift to easterly winds. | ● | ● |
| Hozomeen | No hourly data | | | | USG to UNHEALTHY conditions expected to continue. | ● | ● |
| Bellingham | [Hourly AQI chart] | | | ● | Wind shift expected to bring gradual impacts to the area from the northeast. | ● | ● |
| Seattle | [Hourly AQI chart] | | | ● | Expecting GOOD to MODERATE air quality for the next 48 hours. | ● | ● |

Issued Aug 24, 2023 by Kelly Martin (T), Air Resource Advisor, kelly_m_martin@nps.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
[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
