



# Smoke Outlook

## North Cascades Sourdough

8/05 - 8/06

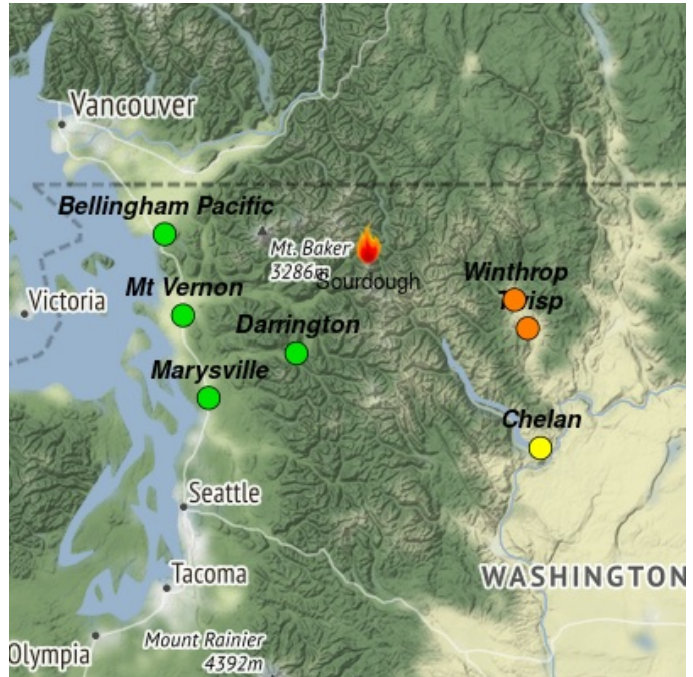
Issued by [Wildland Fire Air Quality Response Program](#) on August 05, 2023 at 07:25 AM PDT

### Fire

Extremely steep terrain and dense forest conditions are making suppression efforts difficult. Expect continued fire growth today, causing an increase in smoke impacts. Highway 20 will have periods of reduced visibility along with increase in emergency traffic along the roadsides. An incident management team is arriving today to assist local resources.

### Smoke

Increasing fire activity will continue to produce USG to V. UNHEALTHY conditions around Diablo and Ross Lakes. As the fire moves into heavier timber today, expect that smoke to settle into the HWY 20 corridor late afternoon and into the evening. Potential for short pulses of HAZARDOUS air quality will be highest in the late evening. Additional smoke monitors will be installed over the next few days to assist in public smoke awareness.



Daily AQI Forecast\* for Saturday

Station	Yesterday hourly			Fri 8/04	Comment for Today -- Sat, Aug 05	Forecast*	
	6a	noon	6p			Sat 8/05	Sun 8/06
Marysville				●	GOOD air quality all day. Visible smoke will not impact surface conditions.	●	●
Bellingham Pacific				●	GOOD conditions all day. Smoke will be visible, but will not impact surface	●	●
Twisp				●	Expect smoky skies and USG conditions. Reduce outdoor exposure times.	●	●
Winthrop				●	Expect very smoky skies and deteriorating air quality throughout the weekend.	●	●
Darrington				●	Visible smoke in the sky will not impact the surface beyond MODERATE level today	●	●
Mt Vernon				●	Visible smoke in the skies to the east, no surface level impacts.	●	●
Chelan				●	Expect increasing smoke impacts from area fire activity to settle into Chelan	●	●

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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 <b>reduce</b> prolonged or heavy outdoor exertion.
● Unhealthy	People within Sensitive Groups* should <b>avoid all</b> 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

[Sourdough Fire Incident Information](https://inciweb.nwcg.gov/incident-information/warlp-sourdough-fire) -- <https://inciweb.nwcg.gov/incident-information/warlp-sourdough-fire>



Issued by Interagency Wildland Fire Air Quality Response Program -- [www.wildlandfiresmoke.net](http://www.wildlandfiresmoke.net)

North Cascades Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/6c2fe616>

\*Smoke and Health Info -- [www.airnow.gov/air-quality-and-health](http://www.airnow.gov/air-quality-and-health)