



# Smoke Outlook

## S Central Washington - Retreat & Williams Mine Fires

8/13 - 8/14

Issued by [Wildland Fire Air Quality Response Program](#) on August 13, 2024 at 08:12 AM PDT

### Special Statement

\*\*\* AIR QUALITY ALERT IN EFFECT UNTIL FURTHER NOTICE for Yakima County \*\*\*

### Fire

A final round firing operations were initiated Monday and will continue today in order to increase containment on the Retreat Fire W of Yakima. The Retreat Fire is 45,601 acres and 70% contained. Meanwhile, the Williams Mine Fire continues to burn actively on the S side of Mt Adams. It is 10,584 acres and 0% contained. The Pioneer Fire NNW of Wenatchee received significant wetting rainfall Monday. It is 38,420 acres and 13% contained. Visit [Inciweb](#) for more information on these and other fires in the Pacific NW.

### Smoke

Mostly GOOD air quality is expected today w/some MODERATE across southern areas due the combination of ongoing fires & breezy to windy afternoon to evening W-NW winds. Smoke from the Williams Mine Fire is likely to be the primary air quality factor through the forecast period w/some lesser contributions, at times, from the Retreat Fire & active fires N of Wenatchee. Periods of UNHEALTHY for SENSITIVE GROUPS (USG) are likely at times mainly N of Goldendale, across much of the Yakima Nation SW of Yakima & up the Columbia River Valley into Prosser. MODERATE to GOOD AIR QUALITY is generally expected to continue Wed, but decreasing winds are likely to result in a gradual increase in areal smoke thru late this week.



Daily AQI Forecast\* for Tuesday

Station	Yesterday hourly			Mon 8/12	Forecast* Comment for Today -- Tue, Aug 13	Tue 8/13	Wed 8/14
	6a	noon	6p				
Wenatchee	[AQI chart: mostly green, some yellow]			●	Smoke from fires to the north likely to bring mostly MODERATE air quality.	●	●
Ellensburg	[AQI chart: mostly green]			●	GOOD air quality continues due to mostly NW winds.	●	●
Yakima	[AQI chart: mostly green, some yellow]			●	GOOD air quality today w/increasing MODERATE Tue-Wed as winds weaken.	●	●
Naches	[AQI chart: mostly green]			●	Generally GOOD air quality, but with periods of MODERATE increasing w/time.	●	●
Toppenish-Yakama Tribe	[AQI chart: mostly green, some yellow]			●	Mostly GOOD air quality, though worse afternoons-evenings, esp to the southwest.	●	●
Prosser	[AQI chart: mostly yellow, some orange]			●	West winds will bring mostly MODERATE due to smoke from Williams Mine Fire.	●	●
Goldendale	[AQI chart: mostly green]			●	Smoke impacts likely to increase later today through Wed night.	●	●

Issued Aug 13, 2024 by B Lutz, Air Resource Advisor (BLutz@blm.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 <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.



Issued by Interagency Wildland Fire Air Quality Response Program -- [www.wildlandfiresmoke.net](http://www.wildlandfiresmoke.net)  
 S Central Washington Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/685512f8>  
 \*Smoke and Health Info -- [www.airnow.gov/air-quality-and-health](http://www.airnow.gov/air-quality-and-health)