



Smoke Outlook

S Central Washington - Retreat & Williams Mine Fires

8/12 - 8/13

Issued by [Wildland Fire Air Quality Response Program](#) on August 12, 2024 at 07:54 AM PDT

Special Statement

*** AIR QUALITY ALERT IN EFFECT UNTIL FURTHER NOTICE for Yakima County *** ** RED FLAG WARNING for LIGHTNING THRU 11PM MON for WANATCHEE MTNS ***

Fire

Fire activity at the Retreat Fire has been decreasing. A final round firing operations is likely today and/or Tue to increase containment. Meanwhile, the Williams Mine Fire continues to burn actively w/minimal containment. Visit [Inciweb](#) for more information on these and other fires in the Pacific NW.

Smoke

Overall, conditions will be much better today w/mostly GOOD air quality. Smoke from the Williams Mine Fire burning on the S side of Mt Adams is likely to be the primary air quality factor through the forecast period w/some lesser, though notable, 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 & up the Columbia River Valley into Prosser, & SW of Yakima. MODERATE to GOOD AIR QUALITY is generally expected Tuesday at the forecast points due to lesser fire activity from higher humidity & cooler temperatures & breezy W-NW winds.



Daily AQI Forecast* for Monday

Station	Yesterday			Sun 8/11	Comment for Today -- Mon, Aug 12	Forecast*	
	6a	noon	6p			Mon 8/12	Tue 8/13
Wenatchee	[AQI chart: mostly yellow/green]			[Yellow circle]	Smoke from fires to the north likely to bring mostly MODERATE air quality.	[Yellow circle]	[Yellow circle]
Ellensburg	[AQI chart: mostly green]			[Yellow circle]	NW winds through Snoqualmie Pass likely to bring mostly GOOD air quality.	[Green circle]	[Green circle]
Yakima	[AQI chart: mostly green]			[Yellow circle]	GOOD w/brief MODERATE likely due to breezy W-NW winds & regional fires.	[Green circle]	[Green circle]
Naches	[AQI chart: mostly green]			[Yellow circle]	Generally GOOD air quality, but brief moderate is possible evenings, esp Tue.	[Green circle]	[Green circle]
Toppenish-Yakama Tribe	[AQI chart: mostly green]			[Yellow circle]	MODERATE air quality, though some GOOD periods likely during breezy NW winds.	[Green circle]	[Yellow circle]
Prosser	[AQI chart: mostly yellow]			[Yellow circle]	West winds will bring mostly MODERATE due to smoke from Williams Mine Fire.	[Yellow circle]	[Yellow circle]
Goldendale	[AQI chart: mostly green]			[Yellow circle]	Breezy W winds w/GOOD air quality Mon turning NW Tue PM-Wed w/decrease in AQ.	[Green circle]	[Yellow circle]

Issued Aug 12, 2024 by B Lutz, Air Resource Advisor (BLutz@blm.gov)

Air Quality Index (AQI)	Actions to Protect Yourself
[Green circle] Good	None
[Yellow circle] Moderate	Unusually sensitive individuals should consider limiting prolonged or heavy exertion.
[Orange circle] USG	People within Sensitive Groups* should reduce prolonged or heavy outdoor exertion.
[Red circle] Unhealthy	People within Sensitive Groups* should avoid all physical outdoor activity.
[Purple circle] Very Unhealthy	Everyone should avoid prolonged or heavy exertion.
[Dark red circle] 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
S Central Washington Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/685512f8>
*Smoke and Health Info -- www.airnow.gov/air-quality-and-health