



Smoke Outlook

S Central Washington - Retreat and Williams Mine Fires

8/11 - 8/12

Issued by [Wildland Fire Air Quality Response Program](#) on August 11, 2024 at 08:05 AM PDT

Special Statement

*** AIR QUALITY ALERT IN EFFECT UNTIL FURTHER NOTICE for all of Yakima County *** UNHEALTHY to VERY UNHEALTHY conditions are likely, at times, extending east from the Williams Mine Fire on the south side of Mount Adams. *** RED FLAG WARNING FOR ABUNDANT LIGHTNING THRU 11PM PDT MON IN WANATCHEE MTNS ***

Fire

Fire activity at the Retreat Fire has been generally decreasing, though a final round firing operations is likely to occur in the next couple of days to aid containment efforts. Meanwhile, the Williams Mine Fire continues to show very active to extreme fire behavior. Visit [Inciweb](#) for more information on these and other fires in the Pacific NW.

Smoke

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 with some lesser, though notable, contributions, at times, from the Retreat Fire & fires to the north. 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, as well as occasional USG generally SW of Yakima. MODERATE conditions are generally expected to the north.



Daily AQI Forecast* for Sunday

Station	Yesterday			Sat 8/10	Forecast*	Sun 8/11	Mon 8/12
	hourly						
Wenatchee	6a	noon	6p	●	Smoke from regional fires will produce MODERATE air quality.	●	●
Ellensburg				●	Regional smoke continues with MODERATE air quality.	●	●
Yakima				●	Westerly winds to bring occasional UNHEALTHY for SENSITIVE GROUPS (USG).	●	●
Naches				●	Moderate generally continuing, but occasional USG likely.	●	●
Toppenish-Yakama Tribe				●	UNHEALTHY for SENSITIVE GROUPS (USG) at times. UNHEALTHY to W nearer to Mt Adams	●	●
Prosser				●	Occasional UNHEALTHY for SENSITIVE GROUPS (USG) during west winds.	●	●
Goldendale				●	Williams Mine Fire likely to produce USG to UNHEALTHY air quality at times.	●	●

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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.



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