



Smoke Outlook

SW/SC Oregon Smith River Complex

8/25 - 8/26

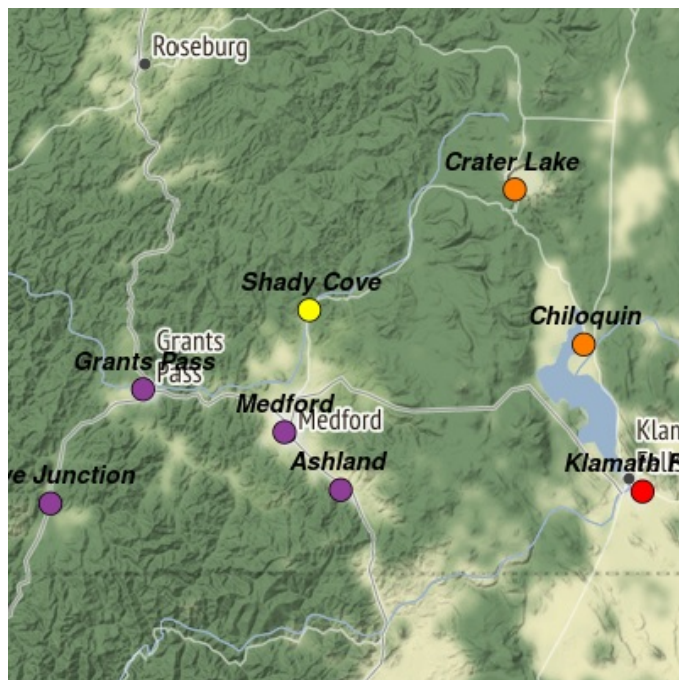
Issued by [Wildland Fire Air Quality Response Program](#) on August 25, 2023 at 09:44 AM PDT

Fire

The fire area received spotty rain overnight as lightning and thundershowers moved through the area. Today, fire crews will take advantage of this moisture to assist them as they continue to protect structures in the Illinois Valley. Fire behavior consists of short runs through shrubs and timber and litter of one to two-foot flame lengths at four to 6 chains per hour. The crews are using hand tools and engines to protect hundreds of structures. Many have been evacuated. Aircraft are not available due to limited visibility because of thick smoke. The fire is over 57,000 acres and is burning in California and Oregon.

Smoke

Heavy smoke is continuing to pool in the Illinois Valley overnight and within the communities along the I-5 corridor in Southwest Oregon. This afternoon, west winds will move smoke from the fire burning south of Cave Junction into the entire forecast area, raising air quality values through the afternoon, evening, and overnight. Most of these values today and through the weekend will read UNHEALTHY to VERY UNHEALTHY.



Daily AQI Forecast* for Friday

| Station | Yesterday hourly | | | Thu 8/24 | Comment for Today -- Fri, Aug 25 | Forecast* | |
|---------------|------------------|------|----|----------|--|-----------|----------|
| | 6a | noon | 6p | | | Fri 8/25 | Sat 8/26 |
| Klamath Falls | | | | | Air quality becomes UNHEALTHY as west wind pushes smoke toward K Falls. | | |
| Chiloquin | | | | | MODERATE to USG air quality with periods of unhealthy. | | |
| Grants Pass | | | | | VERY UNHEALTHY to HAZARDOUS AQ as west winds move smoke into area. | | |
| Shady Cove | | | | | MODERATE AQ overall with some periods of USG and spikes of UNHEALTHY possible. | | |
| Cave Junction | | | | | VERY UNHEALTHY, overall, with spikes of HAZARDOUS through the weekend. | | |
| Crater Lake | | | | | West winds to move smoke into Crater Lake in the afternoon and overnight. | | |
| Medford | | | | | Periods of Heavy smoke maintain VERY UNHEALTHY to HAZARDOUS AQ. | | |
| Ashland | | | | | Heavy smoke with little improvement anticipated. | | |

Issued Aug 25, 2023 by Tod Johnson, Air Resource Advisor (509 885 6003)

| 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.



by Interagency Wildland Fire Air Quality Response Program -- www.wildlandfiresmoke.net

SW/SC Oregon Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/a20da242>

*Smoke and Health Info -- www.airnow.gov/air-quality-and-health