



Smoke Outlook

8/18 - 8/19

Central Oregon Windigo Fire, Potter Fire, and Big Swamp Fire

Issued by [Wildland Fire Air Quality Response Program](#) on August 18, 2022 at 07:54 AM PDT

Special Statement

Red Flag Warning in effect until 8pm for abundant lightning on dry fuels.

Fire

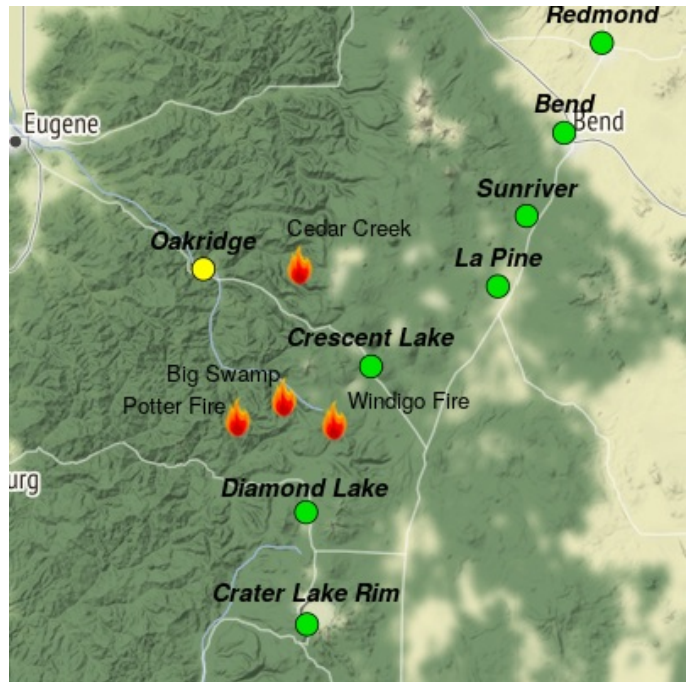
The Windigo Fire is 1052 acres with 85% containment. The Potter Fire is at 473 acres with 0% containment. The Big Swamp Fire remains at 121 acres with 16% containment. Instability should be less than yesterday due to cloud cover, but due to the potential of gusty outflow winds from thunderstorms, moderate fire activity could still occur. For additional information, see [Windigo Fire](#), [Potter Fire](#), and [Big Swamp Fire](#).

Smoke

Increased fire activity yesterday, resulted in much more smoke generation than anticipated. This smoke settled not only into nearby valleys but also into the Deschutes River valley and into Eugene overnight. Less smoke production is expected today due to somewhat more stable conditions and extensive cloud cover. Therefore, smoke will gradually disperse today, but areas closest to Cedar Creek fire will likely remain in largely Moderate AQ through today and tonight. Overall improvement in air quality is expected by Friday.

Red Flag Warning

Abundant lightning and dry fuels will likely result in new fire starts. Gusty thunderstorm winds could contribute to fire spread. Despite rainfall, initial attack resources could be overwhelmed and holdover fires are possible.



Daily AQI Forecast* for Thursday

| Station | Yesterday | | | Wed 8/17 | Comment for Today -- Thu, Aug 18 | Forecast* | |
|---------------|----------------|------|----|-------------|---|-------------|-------------|
| | hourly | | | | | Thu 8/18 | Fri 8/19 |
| Redmond | 6a | noon | 6p | ● | Minimal fire activity, SE winds, and good ventilation will result in Good AQ. | ● | ● |
| Oakridge | | | | ● | Continued fire activity, but less instability, will result in Moderate AQ. | ● | ● |
| Bend | | | | ● | Decreased fire activity and moderate ventilation will result in Good AQ. | ● | ● |
| La Pine | | | | ● | Decreased fire activity and moderate ventilation will result in Good AQ. | ● | ● |
| Sunriver | | | | ● | Decreased fire activity and moderate ventilation will result in Good AQ. | ● | ● |
| Crescent Lake | No hourly data | | | | SE winds and moderate ventilation will result in Good AQ. | ● | ● |
| Diamond Lake | No hourly data | | | | SE winds and moderate ventilation will result in Good AQ. | ● | ● |
| Crater Lake | | | | ● | SE winds and good ventilation will result in Good AQ. | ● | ● |

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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
 Central Oregon Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/7f95b6c6>
 *Smoke and Health Info -- www.airnow.gov/air-quality-and-health