



Smoke Outlook

Central Oregon - Cedar Creek Fire

9/28 - 9/29

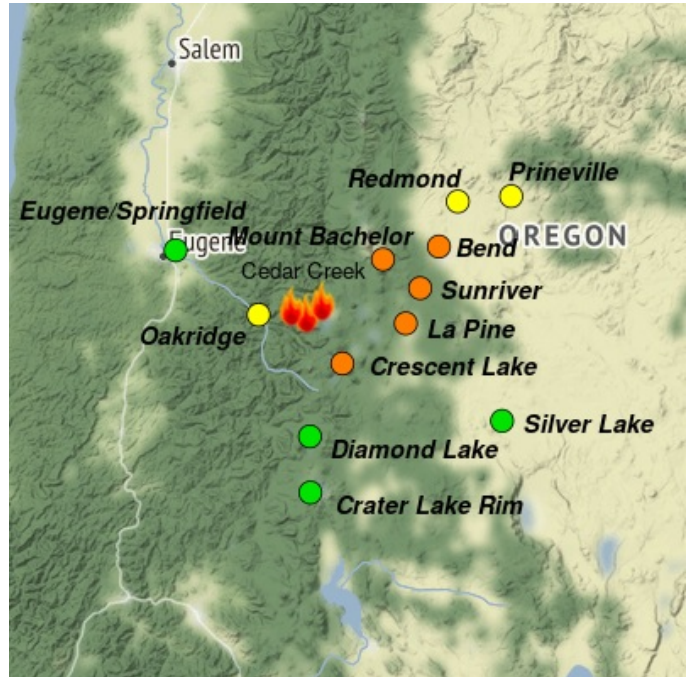
Issued by Wildland Fire Air Quality Response Program on September 28, 2022 at 07:56 AM PDT

Fire

The fire area grew slightly yesterday due to prescribed fire operations bringing the fire down to containment lines, with a current area of 115,428 acres and 20% containment. Today's weather conditions will likely slow fire activity, but continued smoldering is anticipated within the fire area.

Smoke

Today through tomorrow morning, the wind flow is transporting smoke to areas northeast and east of the fire area, impacting Bend, La Pine, Prineville, and Richmond areas. Higher wind speeds this afternoon will improve smoke dispersion. Thursday late morning and through the evening, forecasted winds will shift to transport smoke to areas south and southeast of the fire, impacting Diamond Lake and Crater Lake area. Oakridge sites will continue to observe smoke in the morning during low wind conditions with more impacts at sites north of highway 58. Thursday evening and into Friday, predicted low ventilation indicates significant smoke build up in the Oakridge area.



Daily AQI Forecast* for Wednesday

Station	Yesterday hourly			Tue 9/27	Comment for Today -- Wed, Sep 28	Forecast*	
	6a	noon	6p			Wed 9/28	Thu 9/29
Mount Bachelor	No hourly data			Yellow	Unhealthy for Sensitive Groups, with possible hours at Unhealthy levels.	Orange	Yellow
La Pine	[Bar chart showing smoke levels]			Yellow	Unhealthy for Sensitive Groups, with possible hours at Unhealthy levels.	Orange	Yellow
Oakridge	[Bar chart showing smoke levels]			Red	Moderate overall, but higher smoke impacts in areas north of highway 58.	Yellow	Yellow
Crater Lake	[Bar chart showing smoke levels]			Green	Good air quality expected throughout the day.	Green	Yellow
Sunriver	[Bar chart showing smoke levels]			Yellow	Unhealthy for Sensitive Groups, with possible hours at Unhealthy levels.	Orange	Yellow
Diamond Lake	No hourly data			Green	Overall, Good air quality.	Green	Yellow
Crescent Lake	No hourly data			Green	o Unhealthy for Sensitive Groups, with possible hours at Unhealthy levels.	Orange	Orange
Redmond	[Bar chart showing smoke levels]			Green	Moderate air quality with potential hours at USG.	Yellow	Green
Bend	[Bar chart showing smoke levels]			Yellow	Unhealthy for Sensitive Groups, with possible hours at Unhealthy levels.	Orange	Yellow
Prineville	[Bar chart showing smoke levels]			Green	Moderate, with possible hours at Unhealthy for Sensitive Groups levels.	Yellow	Green
Silver Lake	No hourly data			Green	Good conditions throughout the day.	Green	Yellow
Eugene/Springfield	[Bar chart showing smoke levels]			Green	Good conditions expected all day.	Green	Yellow

Issued Sep 28, 2022 by Gayle Hagler, ARA (ghaglerara@gmail.com)

Air Quality Index (AQI)	Actions to Protect Yourself
Green (Good)	None
Yellow (Moderate)	Unusually sensitive individuals should consider limiting prolonged or heavy exertion.
Orange (USG)	People within Sensitive Groups* should reduce prolonged or heavy outdoor exertion.
Red (Unhealthy)	People within Sensitive Groups* should avoid all physical outdoor activity.
Purple (Very Unhealthy)	Everyone should avoid prolonged or heavy exertion.
Dark Purple (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.

Additional Links

3 Day Smoke Outlook -- <https://outlooks.airfire.org/outlook/7f95b6c6?>

A guide for public health officials -- <https://www.airnow.gov/sites/default/files/2021-05/wildfire-smoke-guide-revised-2019.pdf>



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