



**SWCAA**  
Southwest Clean Air Agency

## **Air quality advisory for Portland-Vancouver due to smog [Aviso sobre la calidad del aire]**

**Date:** Aug. 18, 2022

The Oregon Department of Environmental Quality and Southwest Clean Air Agency issued an air quality advisory Thursday for Portland-Vancouver due to elevated levels of ozone pollution, or smog.

**\*\* [Información en español](#) \*\***

DEQ and SWCAA expect ozone pollution to reach levels Thursday afternoon that could be unhealthy for sensitive groups, including children, seniors, pregnant women and people with heart disease or respiratory conditions. Health officials recommend sensitive groups limit outdoor activity when pollution levels are high.

The agencies expect the air quality advisory to last until Thursday night.

DEQ and SWCAA urge residents to protect their health and limit activities that cause pollution during the heat wave. Recommendations include:

- Limit driving by using public transit, carpooling or other alternative transportation.
- Avoid unnecessary engine idling.
- Refuel vehicles during cooler evening hours.
- Postpone mowing the lawn or using leaf blowers.

- Postpone painting and aerosol spray projects.

Smog irritates the eyes, nose and lungs, and contributes to breathing problems. Consult your health care provider if these symptoms worsen.

Ozone forms when hot temperatures and low winds combine with pollution from cars, gas-powered engines and chemicals in paints and aerosols. These air pollutants react with sunlight and heat to produce ozone and haze.

Ozone pollution increases throughout the day with exposure to sunlight, so pollution levels tend to be highest during afternoons and early evenings. Air quality monitors may show good air quality in the morning, then quickly jump to unhealthy levels later in the day.

Check current air quality conditions and advisories on DEQ's [Air Quality Index](#) or by downloading the free OregonAIR app on a smartphone.

**Media contacts:**

Dylan Darling, DEQ public affairs specialist, 541-600-6119,  
[dylan.darling@deq.oregon.gov](mailto:dylan.darling@deq.oregon.gov)

Brian Fallon, SWCAA air quality specialist, 360-574-3058, [brian@swcleanair.org](mailto:brian@swcleanair.org)

[Read full air quality advisory online here.](#)

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